

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069132.D
 Acq On : 12 May 2021 11:37
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 5/13/2021 4:05:37 PM

Quant Time: May 13 03:31:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 03:30:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	281292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	476205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	446694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14854	5.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.54%#		
35) Dibromofluoromethane	7.920	113	15708	5.07	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.14%#		
50) Toluene-d8	10.338	98	56562	4.97	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.94%#		
62) 4-Bromofluorobenzene	12.626	95	17917	4.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.78%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	14879	4.98	ug/l	98
3) Chloromethane	2.209	50	19303	5.62	ug/l	95
4) Vinyl Chloride	2.350	62	24196	5.34	ug/l	94
5) Bromomethane	2.762	94	20001	5.87	ug/l	99
6) Chloroethane	2.920	64	12997	4.46	ug/l	92
7) Trichlorofluoromethane	3.273	101	27748	5.02	ug/l	94
8) Diethyl Ether	3.709	74	6043	4.79	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	16380	5.23	ug/l	99
10) Methyl Iodide	4.297	142	11859	3.97	ug/l	98
11) Tert butyl alcohol	5.214	59	7607m	39.47	ug/l	
12) 1,1-Dichloroethene	4.061	96	13732	4.88	ug/l #	94
13) Acrolein	3.914	56	5673	24.73	ug/l	94
14) Allyl chloride	4.720	41	14539	4.71	ug/l	94
15) Acrylonitrile	5.420	53	10915	23.18	ug/l	94
16) Acetone	4.167	43	11453	26.52	ug/l #	86
17) Carbon Disulfide	4.409	76	47944	5.14	ug/l	100
18) Methyl Acetate	4.720	43	5585	5.32	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	21723	4.25	ug/l #	83
20) Methylene Chloride	4.973	84	34365	7.52	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	16146	4.84	ug/l	93
22) Diisopropyl ether	6.361	45	25875	4.20	ug/l #	85
23) Vinyl Acetate	6.308	43	69898	19.21	ug/l #	91
24) 1,1-Dichloroethane	6.261	63	26904	5.05	ug/l	98
25) 2-Butanone	7.208	43	13987	23.90	ug/l	93
26) 2,2-Dichloropropane	7.202	77	25226	5.06	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	17074	4.71	ug/l	99
28) Bromochloromethane	7.544	49	10734	5.65	ug/l	97
29) Tetrahydrofuran	7.561	42	7027	22.09	ug/l	93
30) Chloroform	7.714	83	30293	5.05	ug/l	87
31) Cyclohexane	7.979	56	24442	5.85	ug/l #	85
32) 1,1,1-Trichloroethane	7.908	97	28306	5.20	ug/l	96
36) 1,1-Dichloropropene	8.114	75	21166	4.57	ug/l	96
37) Ethyl Acetate	7.291	43	7449	5.01	ug/l #	91
38) Carbon Tetrachloride	8.097	117	25724	4.97	ug/l	98
39) Methylcyclohexane	9.355	83	20726	4.24	ug/l	96
40) Benzene	8.349	78	62533	4.72	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	3410	4.66	ug/l #	13
42) 1,2-Dichloroethane	8.426	62	17225	4.76	ug/l	95
43) Isopropyl Acetate	8.455	43	11981	4.44	ug/l	92
44) Trichloroethene	9.108	130	17603	4.75	ug/l	97
45) 1,2-Dichloropropane	9.385	63	14682	4.69	ug/l	90
46) Dibromomethane	9.473	93	9335	4.99	ug/l	91
47) Bromodichloromethane	9.661	83	22271	4.68	ug/l #	94
48) Methyl methacrylate	9.449	41	5527	4.42	ug/l	98
49) 1,4-Dioxane	9.455	88	1208	68.64	ug/l #	69
51) 4-Methyl-2-Pentanone	10.226	43	28383	20.42	ug/l	98
52) Toluene	10.408	92	37561	4.39	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	18674	4.46	ug/l	89
54) cis-1,3-Dichloropropene	10.091	75	22855	4.57	ug/l	94
55) 1,1,2-Trichloroethane	10.796	97	12269	4.86	ug/l	97
56) Ethyl methacrylate	10.661	69	9304	3.69	ug/l	96
57) 1,3-Dichloropropane	10.943	76	18114	4.44	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	24255	19.43	ug/l	100
59) 2-Hexanone	10.979	43	17819	19.21	ug/l	94
60) Dibromochloromethane	11.143	129	15728	4.86	ug/l	97
61) 1,2-Dibromoethane	11.249	107	12152	4.88	ug/l	98
64) Tetrachloroethene	10.879	164	14725	4.74	ug/l	96
65) Chlorobenzene	11.673	112	44917	4.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	16464	4.72	ug/l	97
67) Ethyl Benzene	11.743	91	67105	4.21	ug/l	99
68) m/p-Xylenes	11.849	106	51214	8.20	ug/l	97
69) o-Xylene	12.179	106	21762	3.92	ug/l	97
70) Styrene	12.196	104	36803	3.80	ug/l	97
71) Bromoform	12.355	173	8780	4.83	ug/l #	97
73) Isopropylbenzene	12.479	105	59324	3.95	ug/l	98
74) N-amyl acetate	12.285	43	10218	4.16	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.726	83	12983	4.78	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	6515m	4.05	ug/l	
77) Bromobenzene	12.755	156	15826	4.45	ug/l	90
78) n-propylbenzene	12.820	91	73462	4.06	ug/l	99
79) 2-Chlorotoluene	12.902	91	43198	4.29	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	48217	3.90	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	3735	4.68	ug/l	92
82) 4-Chlorotoluene	13.002	91	47315	4.41	ug/l	98
83) tert-Butylbenzene	13.220	119	41646	4.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	49328	3.96	ug/l	100
85) sec-Butylbenzene	13.396	105	63348	4.09	ug/l	96
86) p-Isopropyltoluene	13.514	119	53565	3.93	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	34075	4.73	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	34291	4.81	ug/l	90
89) n-Butylbenzene	13.837	91	52633	4.15	ug/l	99
90) Hexachloroethane	14.108	117	11828	4.63	ug/l	95
91) 1,2-Dichlorobenzene	13.884	146	28647	4.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	2261	5.36	ug/l	87
93) 1,2,4-Trichlorobenzene	15.155	180	16117	4.25	ug/l	98
94) Hexachlorobutadiene	15.261	225	10850	4.77	ug/l	98
95) Naphthalene	15.390	128	23634	3.72	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.584	180	13371	4.12	ug/l	97

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Data File : VD069132.D
Acq On : 12 May 2021 11:37
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Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 13 03:30:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

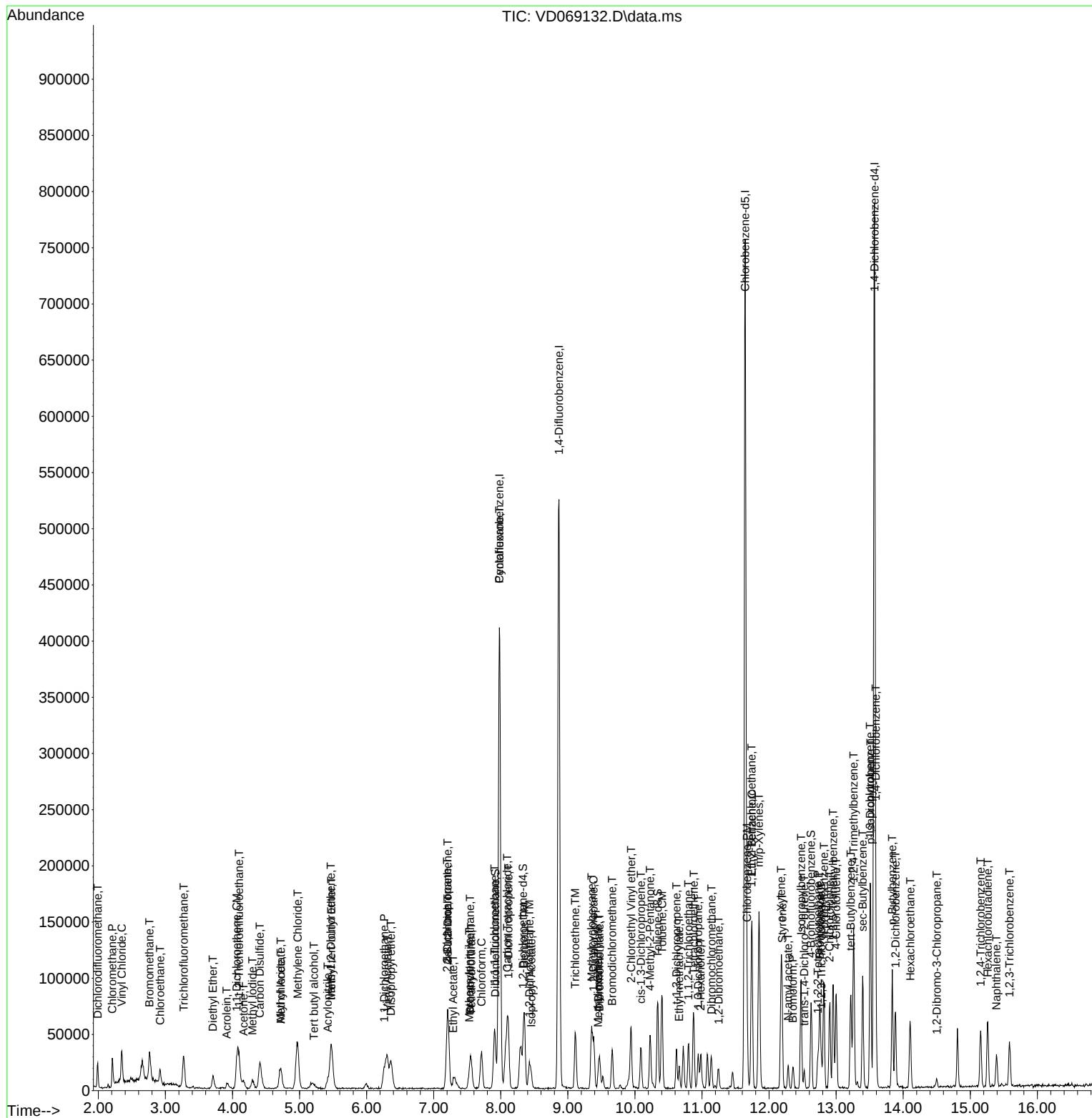
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Data File : VD069132.D
Acq On : 12 May 2021 11:37
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

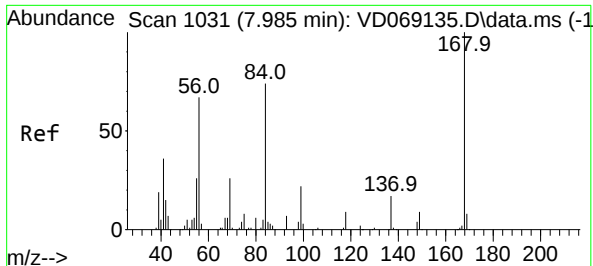
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ClientSampleId :
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Manual Integrations
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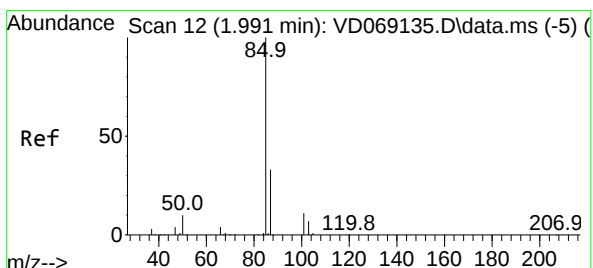
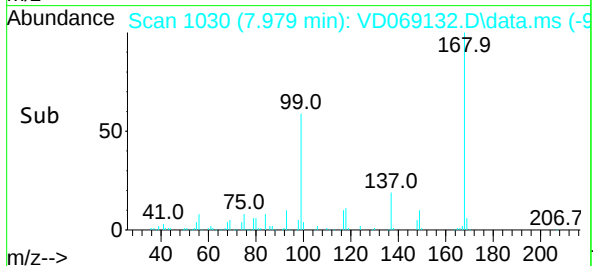
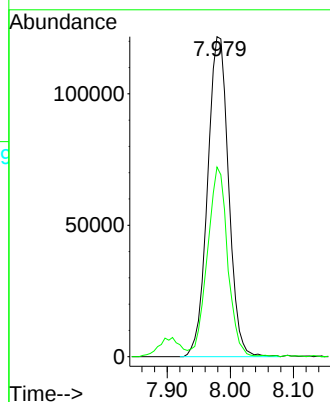
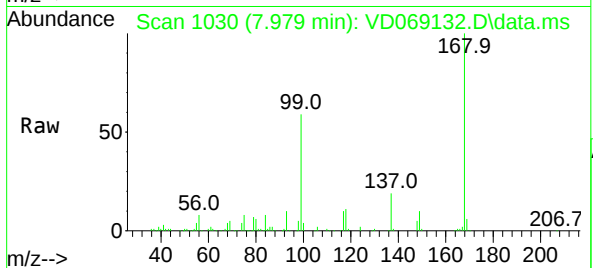
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 168 Resp: 281292
Ion Ratio Lower Upper
168 100
99 59.2 47.2 70.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

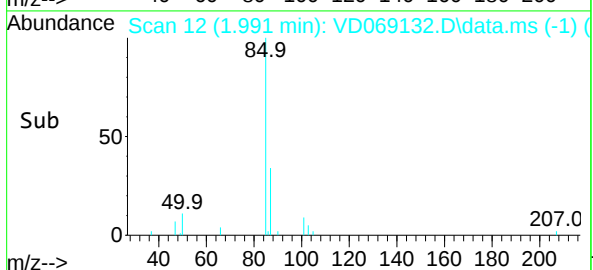
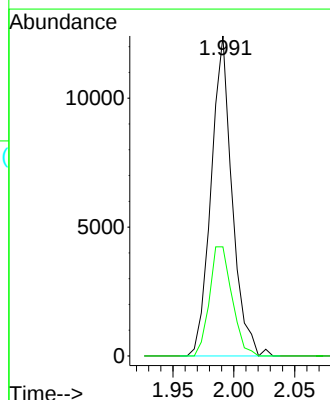
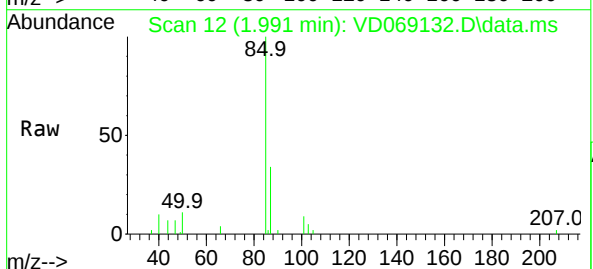
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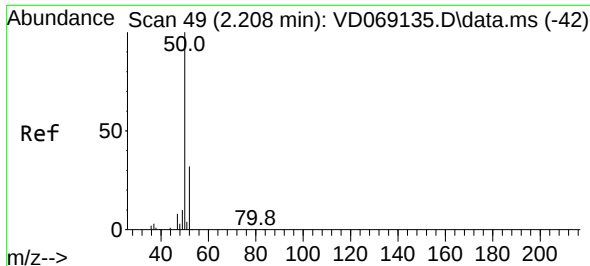
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#2
Dichlorodifluoromethane
Concen: 4.98 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 85 Resp: 14879
Ion Ratio Lower Upper
85 100
87 34.1 16.5 49.5





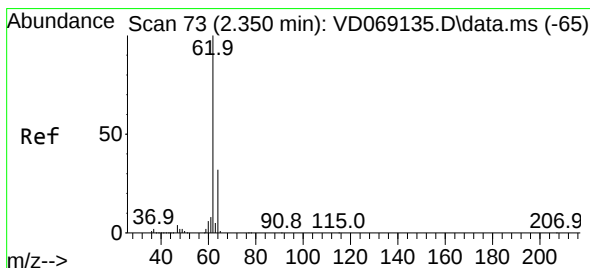
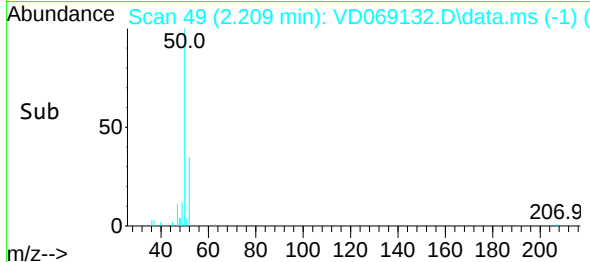
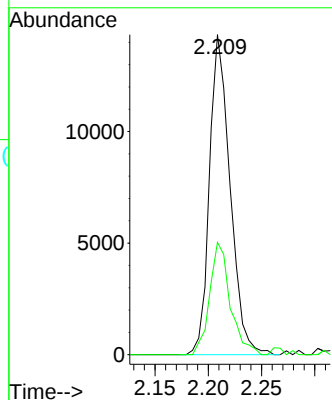
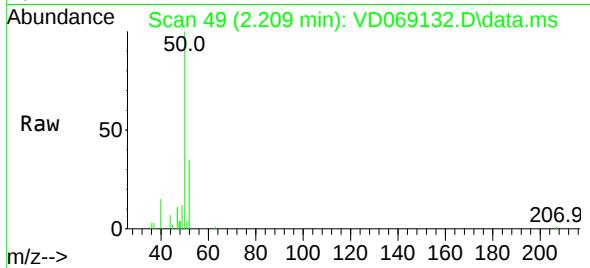
#3
Chloromethane
Concen: 5.62 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 50 Resp: 19303
Ion Ratio Lower Upper
50 100
52 35.1 25.8 38.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

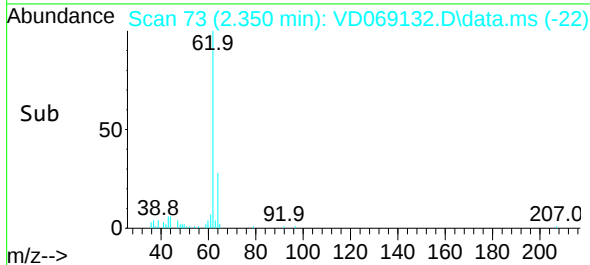
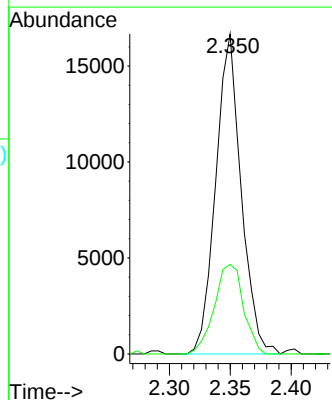
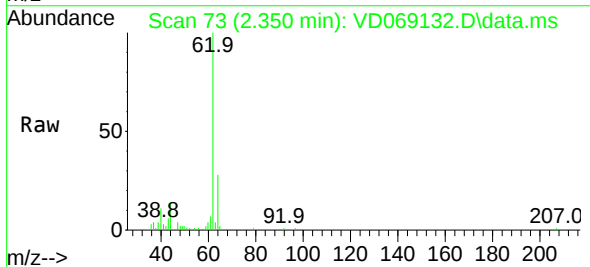
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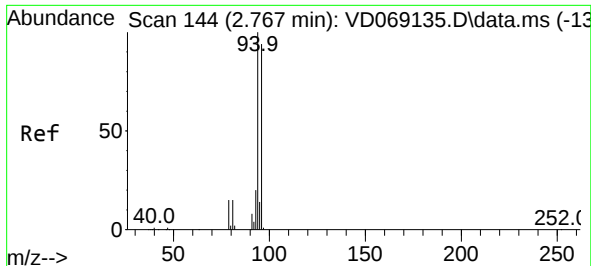
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#4
Vinyl Chloride
Concen: 5.34 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

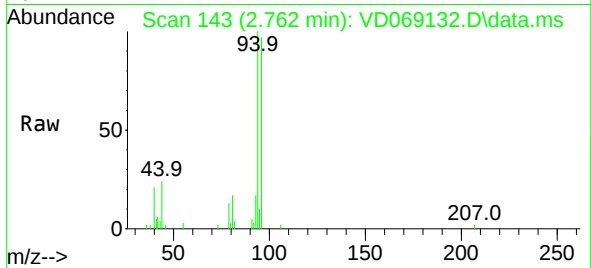
Tgt Ion: 62 Resp: 24196
Ion Ratio Lower Upper
62 100
64 28.0 25.3 37.9





#5
Bromomethane
Concen: 5.87 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

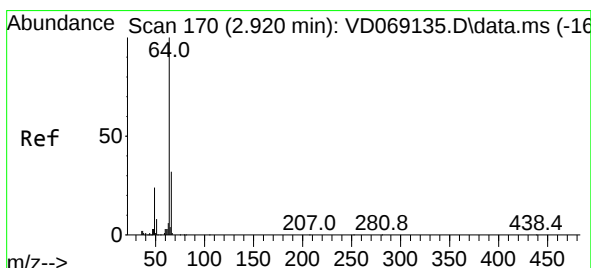
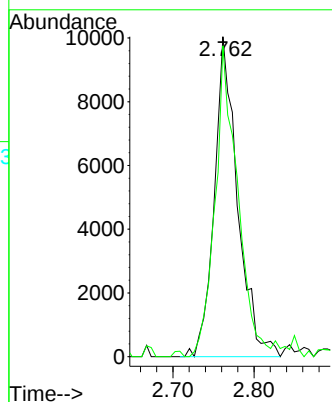
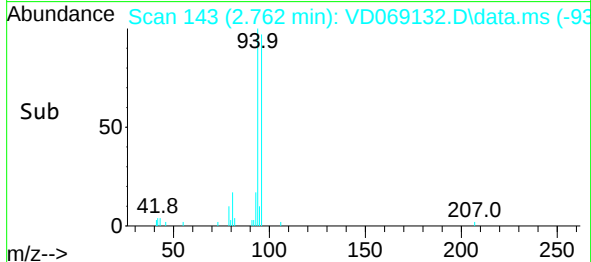
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



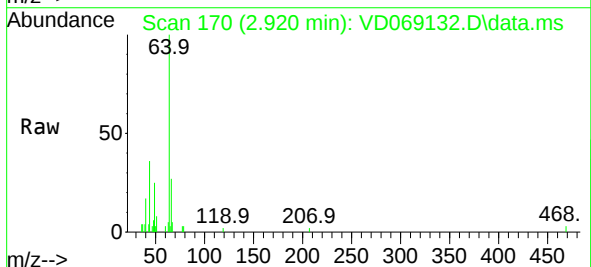
Tgt Ion: 94 Resp: 20001
Ion Ratio Lower Upper
94 100
96 95.4 75.4 113.0

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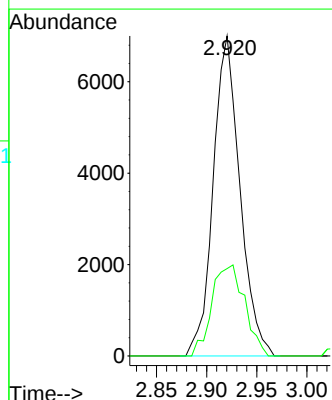
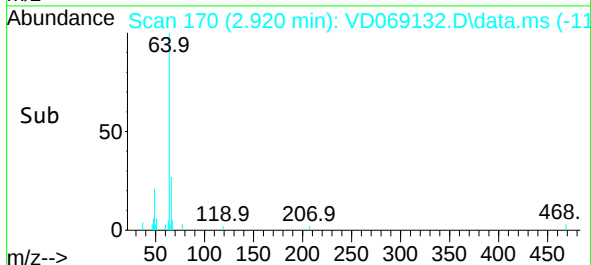
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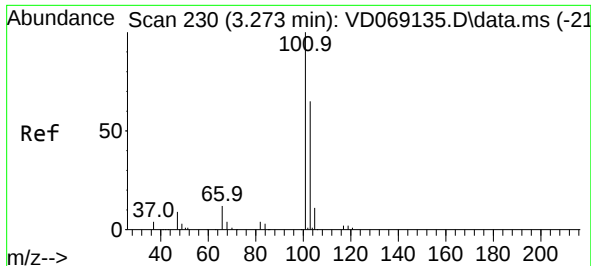


#6
Chloroethane
Concen: 4.46 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



Tgt Ion: 64 Resp: 12997
Ion Ratio Lower Upper
64 100
66 27.3 25.2 37.8





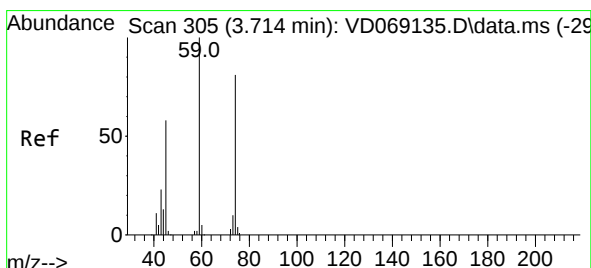
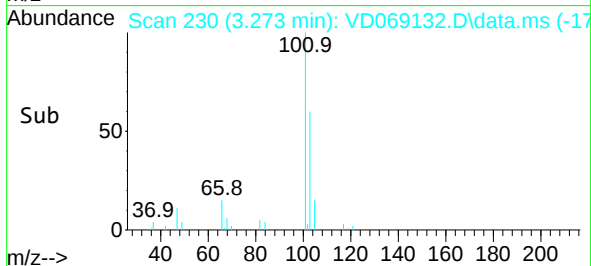
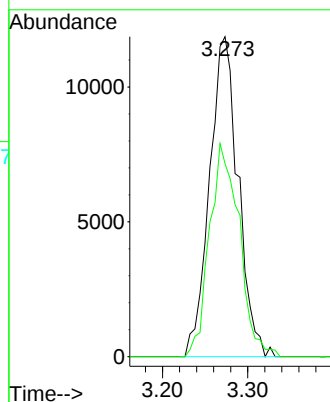
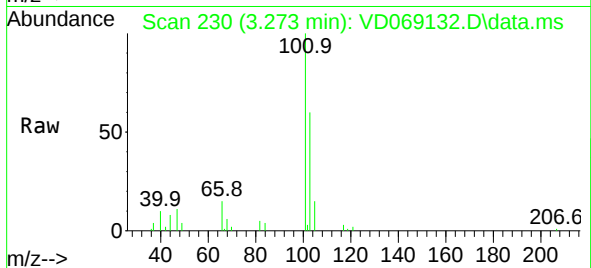
#7
Trichlorofluoromethane
Concen: 5.02 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 101 Resp: 27748
Ion Ratio Lower Upper
101 100
103 60.4 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

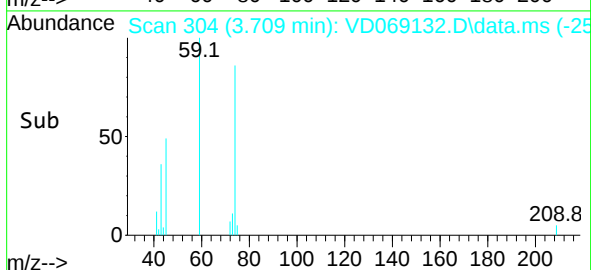
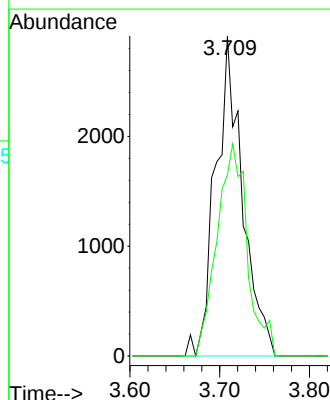
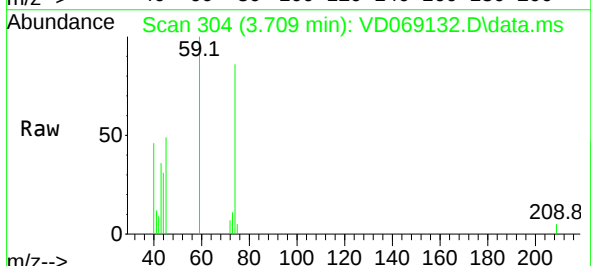
Manual Integrations
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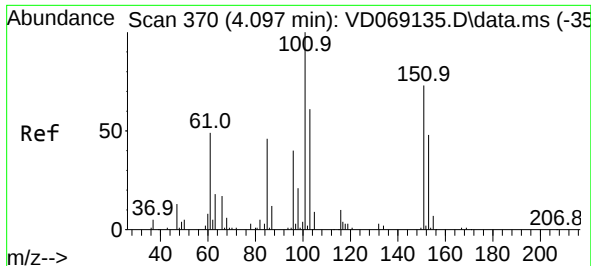
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#8
Diethyl Ether
Concen: 4.79 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 74 Resp: 6043
Ion Ratio Lower Upper
74 100
45 75.2 38.1 114.5





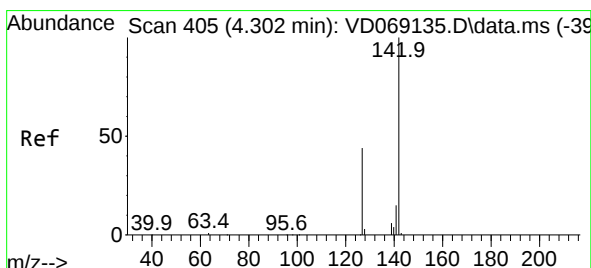
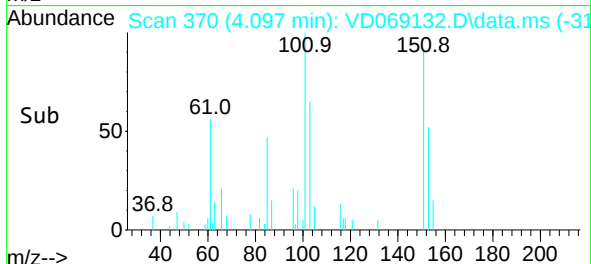
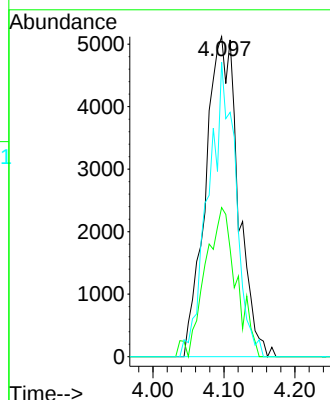
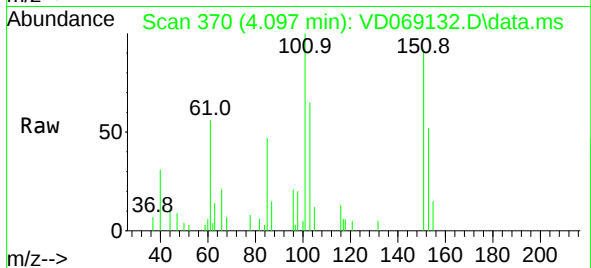
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.23 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.2	52.8
151	77.1	60.6	91.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

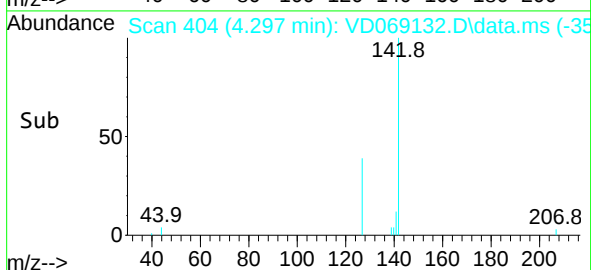
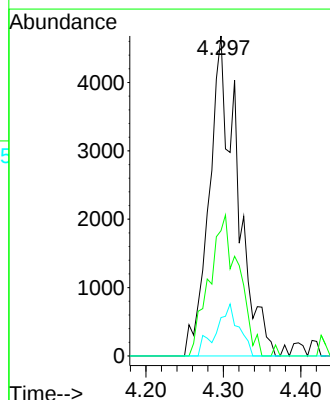
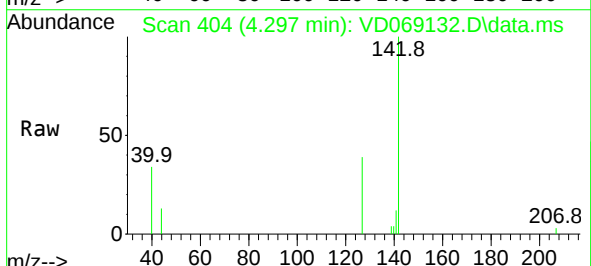
Manual Integrations
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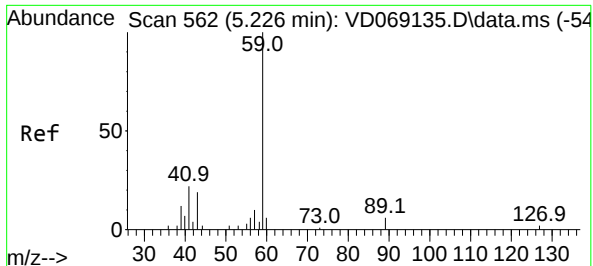
MMDadoda
5/13/2021 4:05:37 PM



#10
Methyl Iodide
Concen: 3.97 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.1	37.3	55.9
141	13.1	12.2	18.4





#11

Tert butyl alcohol

Concen: 39.47 ug/l m

RT: 5.214 min Scan# 560

Delta R.T. -0.012 min

Lab File: VD069132.D

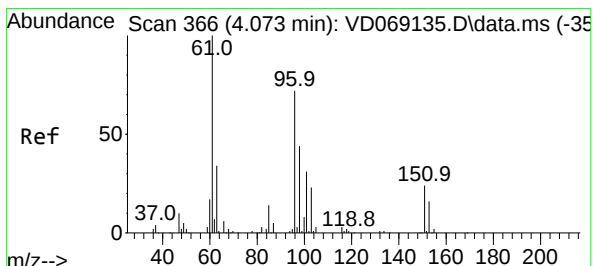
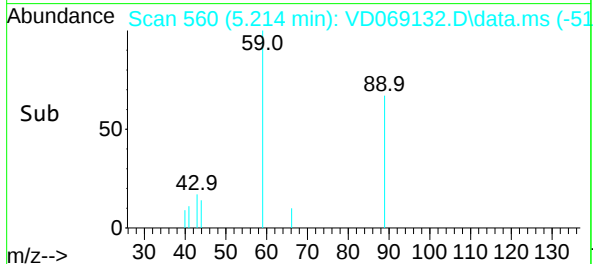
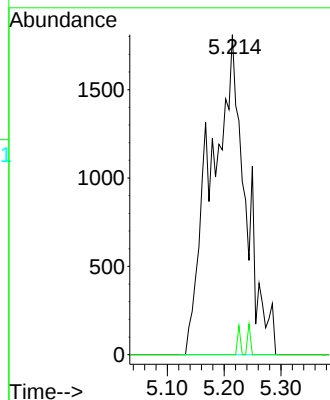
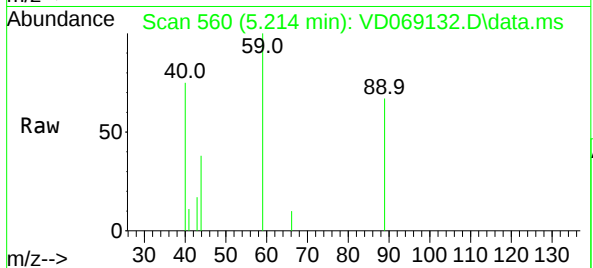
Acq: 12 May 2021 11:37

Tgt Ion: 59 Resp: 7607

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 4.88 ug/l

RT: 4.061 min Scan# 364

Delta R.T. -0.012 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

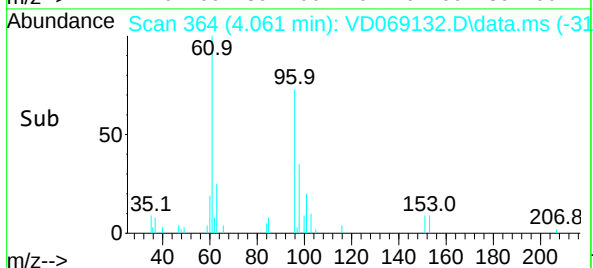
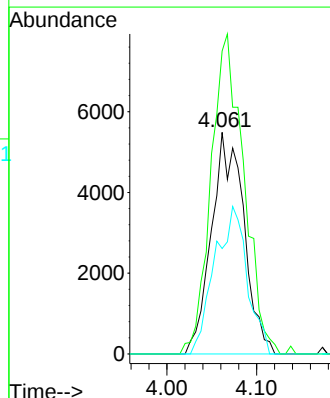
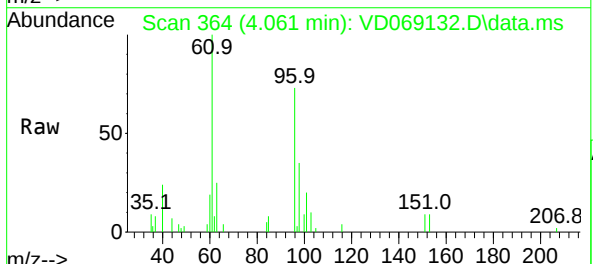
Tgt Ion: 96 Resp: 13732

Ion Ratio Lower Upper

96 100

61 136.7 111.1 166.7

98 47.6 48.4 72.6#



Instrument :

MSVOA_D

ClientSampleId :

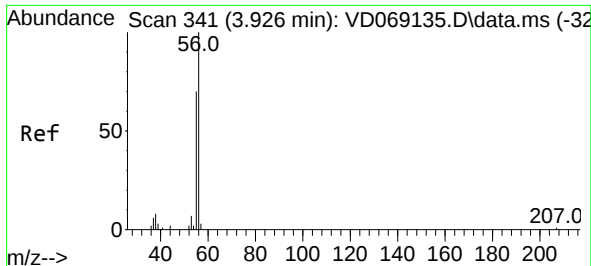
VSTDIC005

Manual Integrations

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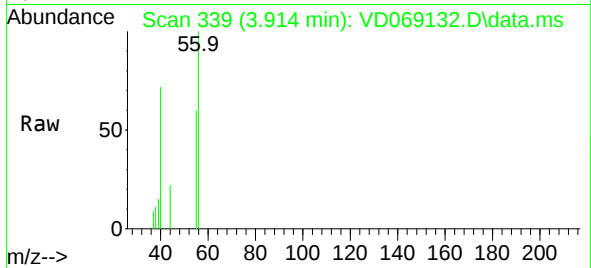
MMDadoda

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#13
Acrolein
Concen: 24.73 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.012 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

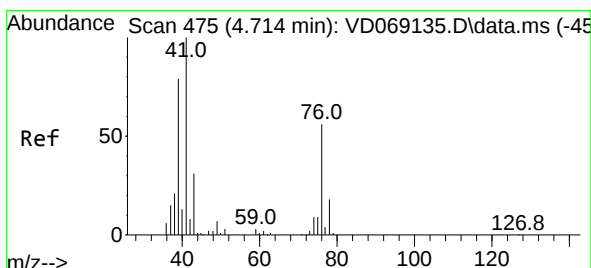
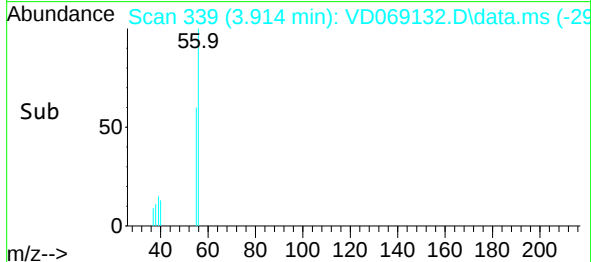
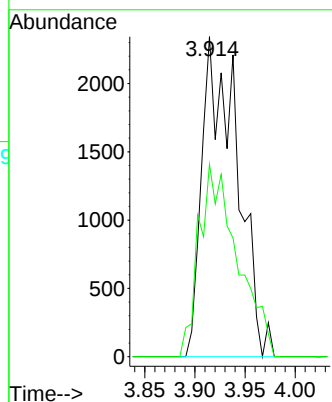
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 5673
Ion Ratio Lower Upper
56 100
55 66.3 56.9 85.3

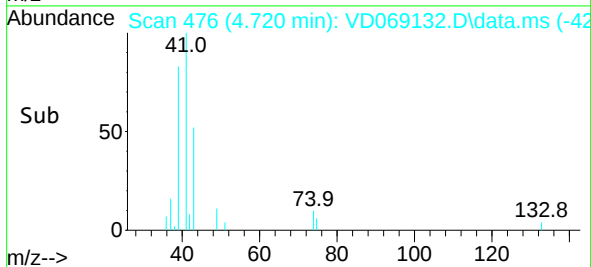
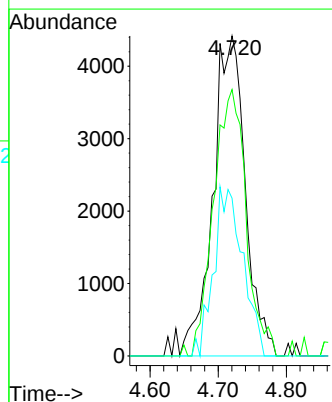
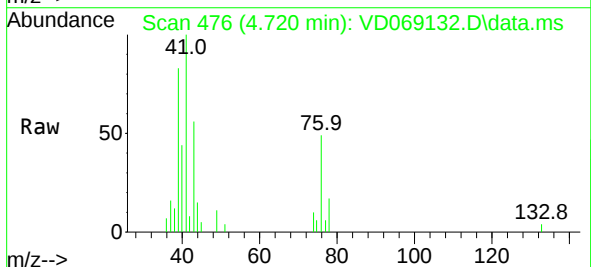
Manual Integrations
APPROVED

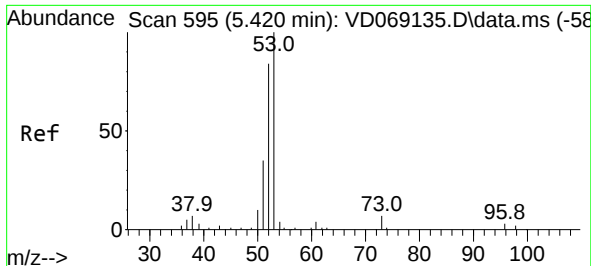
MMDadoda
5/13/2021 4:05:37 PM



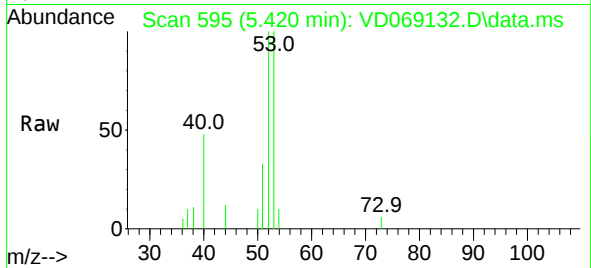
#14
Allyl chloride
Concen: 4.71 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 41 Resp: 14539
Ion Ratio Lower Upper
41 100
39 83.7 64.3 96.5
76 47.6 43.6 65.4

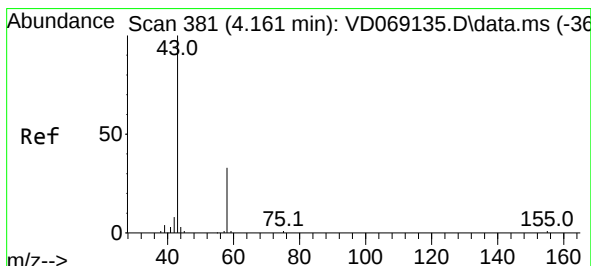
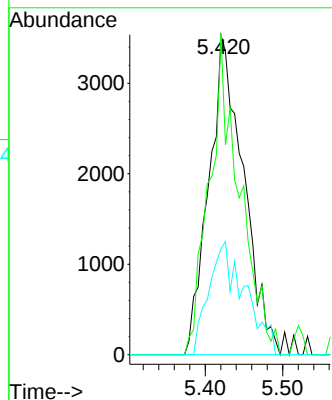
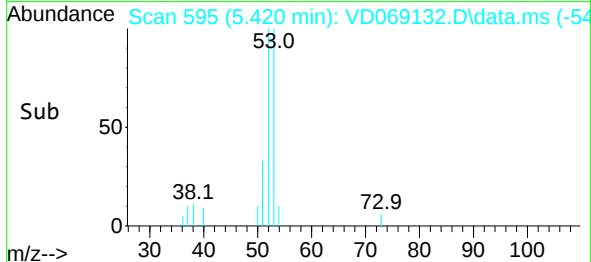




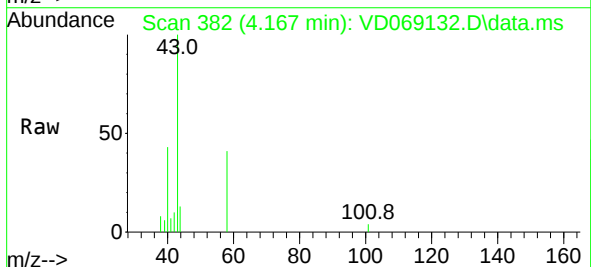
#15
Acrylonitrile
Concen: 23.18 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



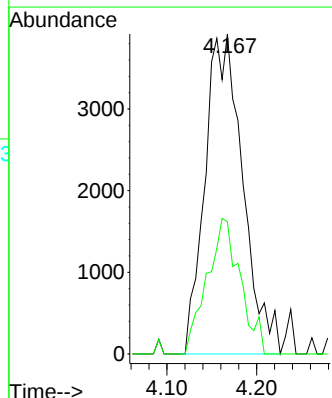
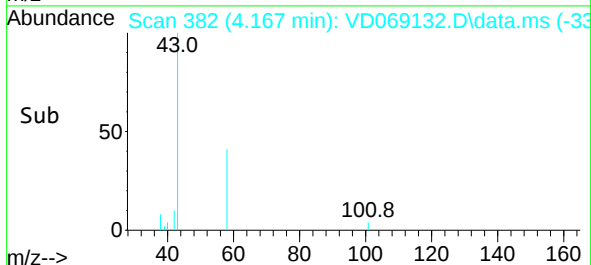
Tgt Ion: 53 Resp: 10915
Ion Ratio Lower Upper
53 100
52 88.2 64.5 96.7
51 37.1 30.4 45.6



#16
Acetone
Concen: 26.52 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



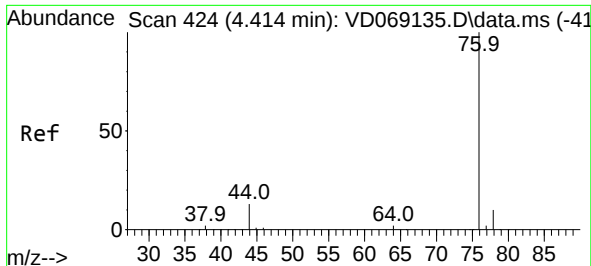
Tgt Ion: 43 Resp: 11453
Ion Ratio Lower Upper
43 100
58 41.4 26.7 40.1#



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

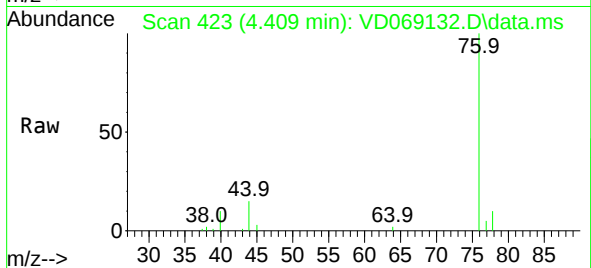
Manual Integrations
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#17
Carbon Disulfide
Concen: 5.14 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

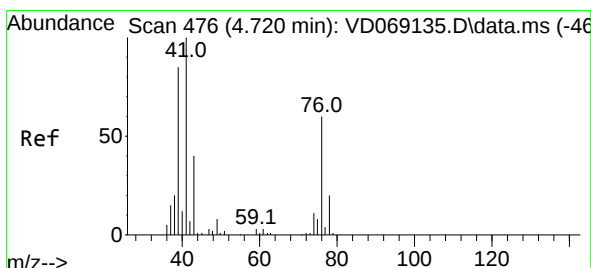
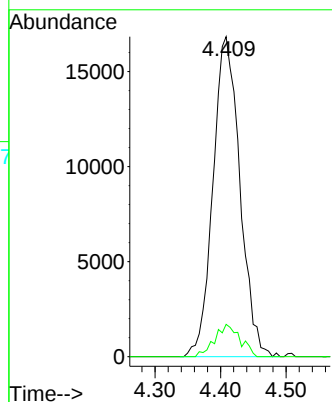
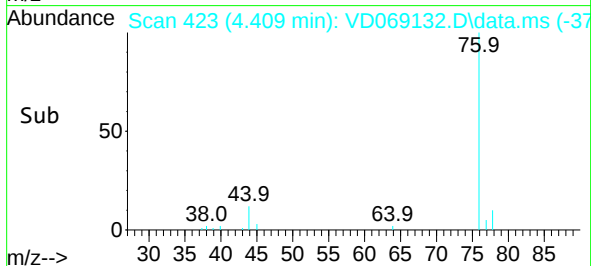
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



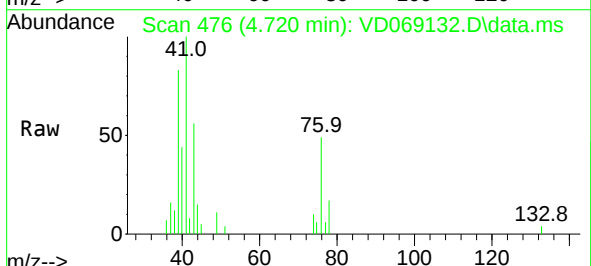
Tgt Ion: 76 Resp: 47944
Ion Ratio Lower Upper
76 100
78 10.1 8.1 12.1

Manual Integrations
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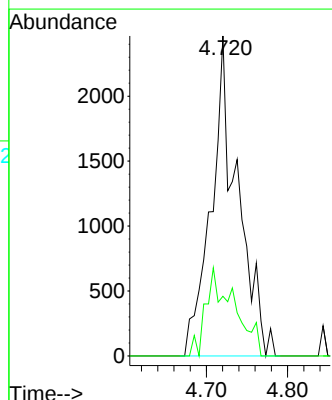
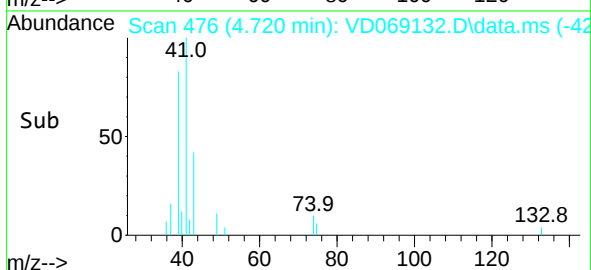
MMDadoda
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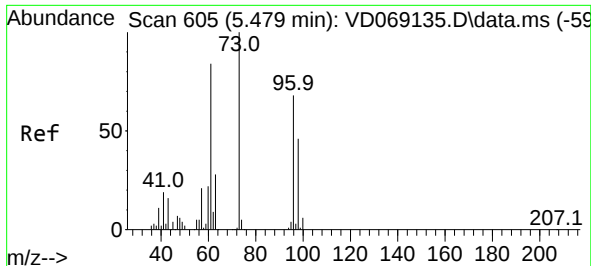


#18
Methyl Acetate
Concen: 5.32 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



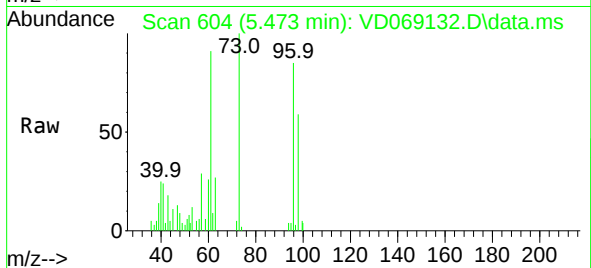
Tgt Ion: 43 Resp: 5585
Ion Ratio Lower Upper
43 100
74 29.5 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 4.25 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

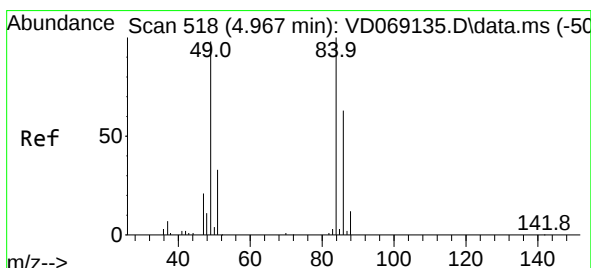
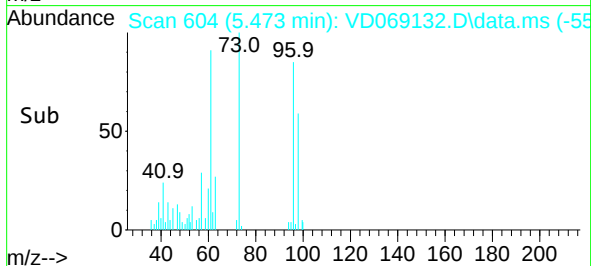
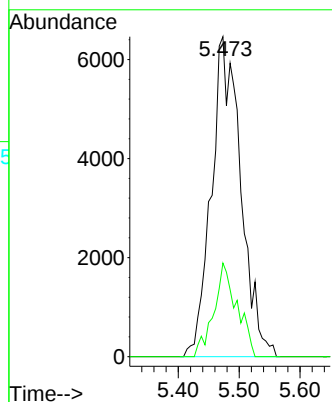
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 21723
Ion Ratio Lower Upper
73 100
57 29.3 17.1 25.7#

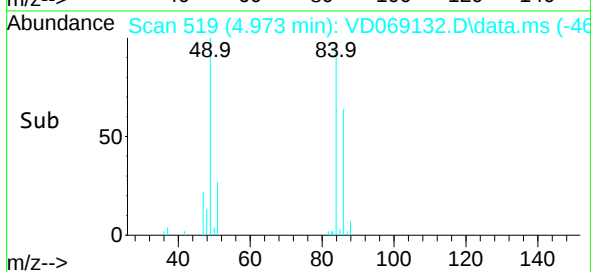
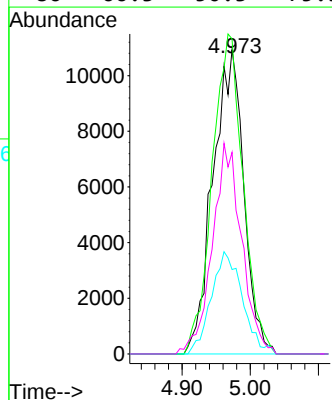
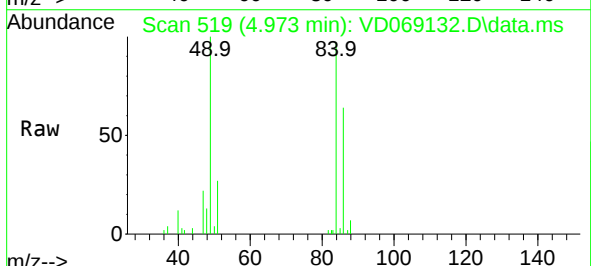
Manual Integrations
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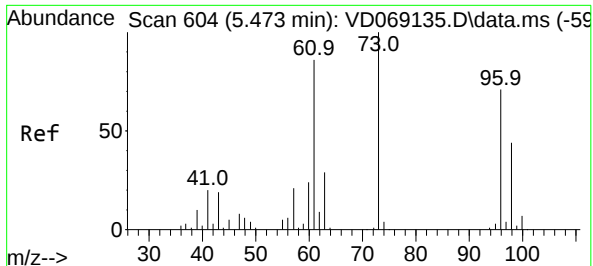
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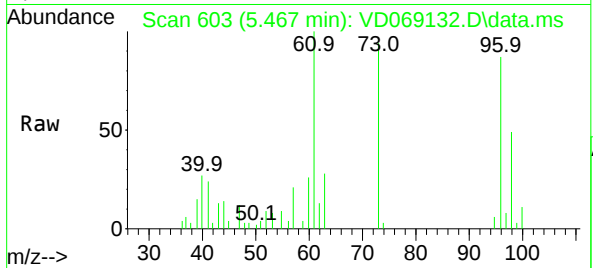
#20
Methylene Chloride
Concen: 7.52 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 84 Resp: 34365
Ion Ratio Lower Upper
84 100
49 103.5 78.6 117.8
51 27.8 26.7 40.1
86 66.3 50.3 75.5

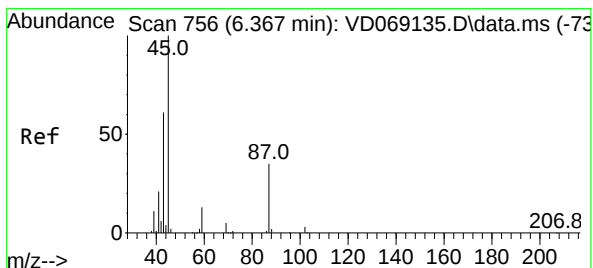
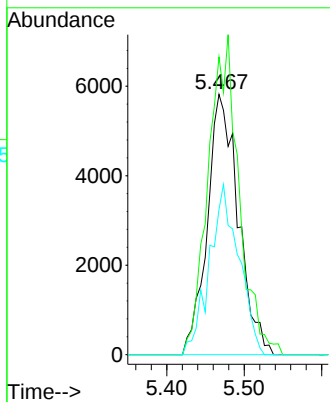
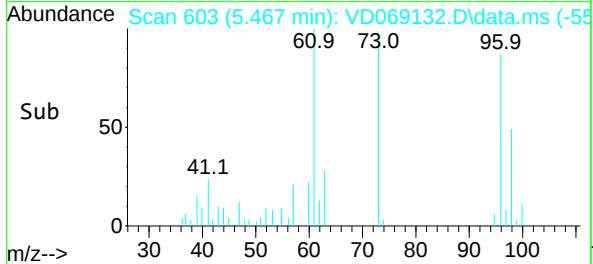




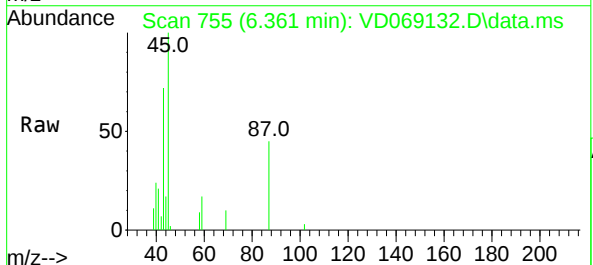
#21
trans-1,2-Dichloroethene
Concen: 4.84 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



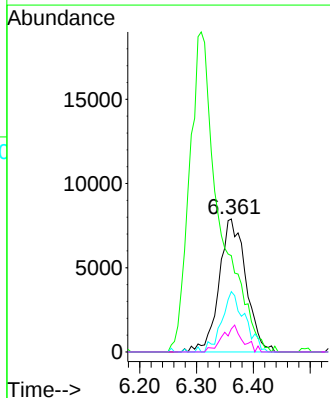
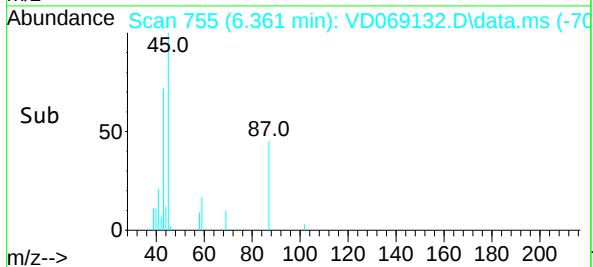
Tgt Ion: 96 Resp: 16146
Ion Ratio Lower Upper
96 100
61 114.4 97.7 146.5
98 55.8 49.4 74.2



#22
Diisopropyl ether
Concen: 4.20 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



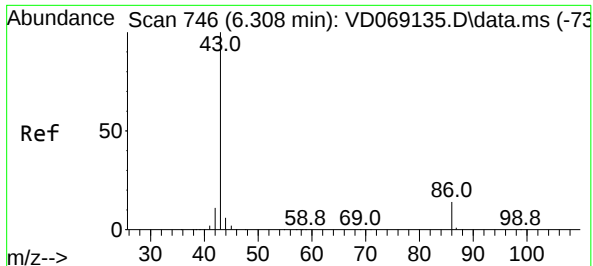
Tgt Ion: 45 Resp: 25875
Ion Ratio Lower Upper
45 100
43 72.4 48.6 73.0
87 45.3 28.5 42.7#
59 17.4 10.5 15.7#



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

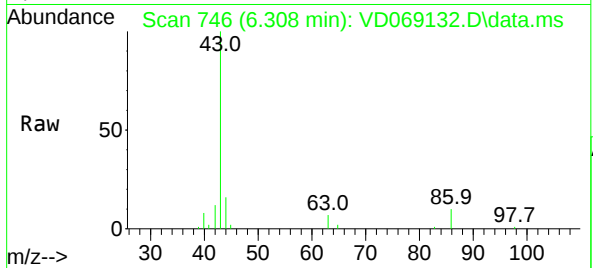
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 19.21 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069132.D
 Acq: 12 May 2021 11:37

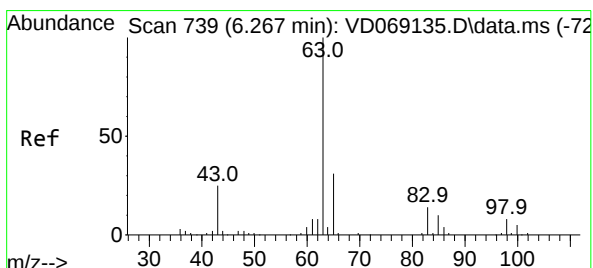
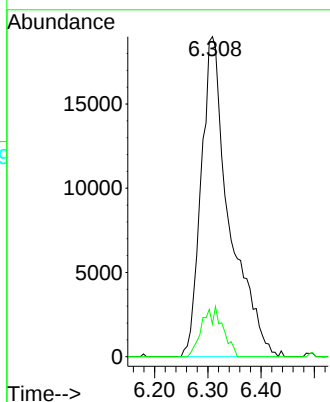
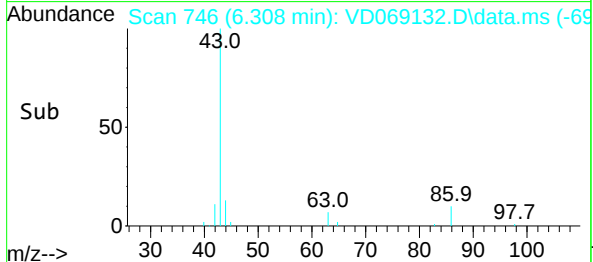
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



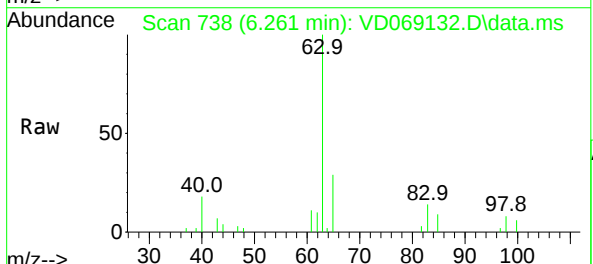
Tgt Ion: 43 Resp: 69898
 Ion Ratio Lower Upper
 43 100
 86 10.2 11.1 16.7#

Manual Integrations
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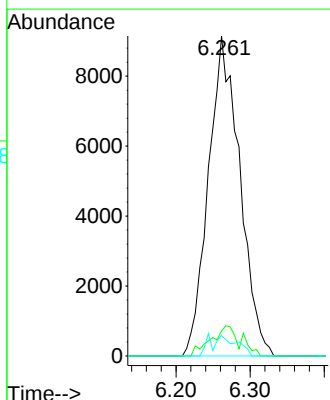
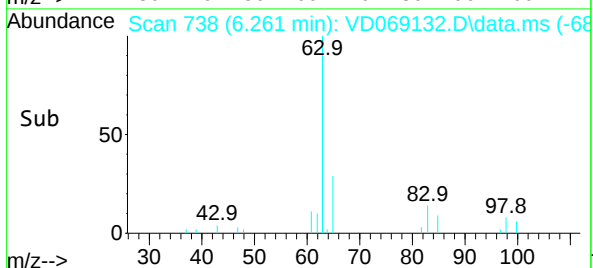
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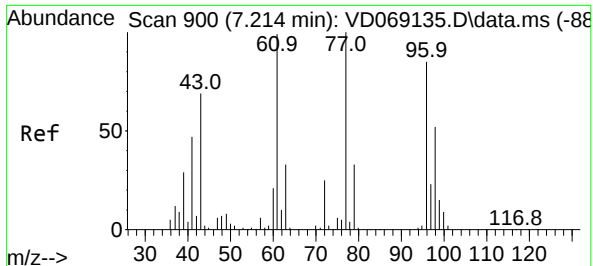


#24
 1,1-Dichloroethane
 Concen: 5.05 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069132.D
 Acq: 12 May 2021 11:37



Tgt Ion: 63 Resp: 26904
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 6.4 2.5 7.6





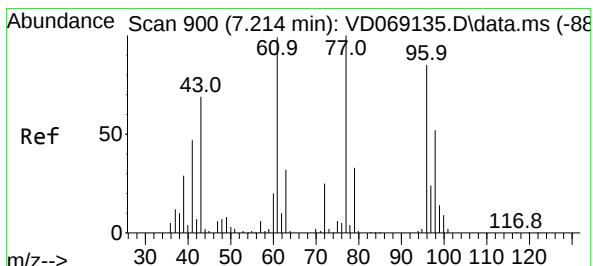
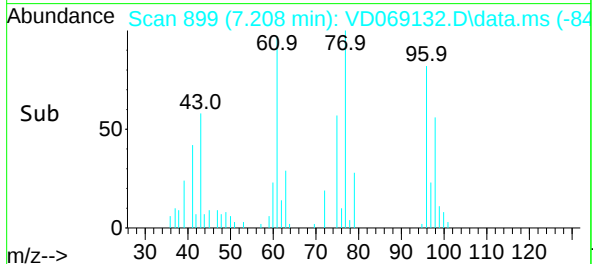
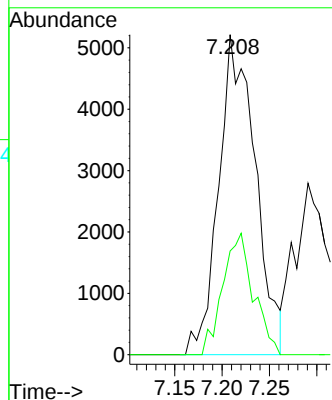
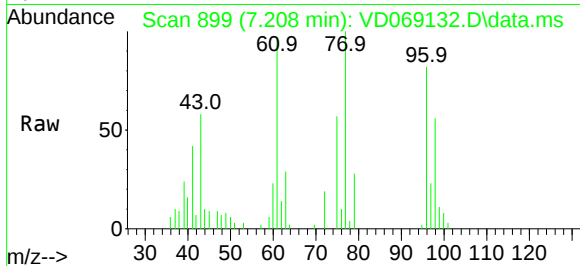
#25
2-Butanone
Concen: 23.90 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 43 Resp: 13987
Ion Ratio Lower Upper
43 100
72 32.4 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

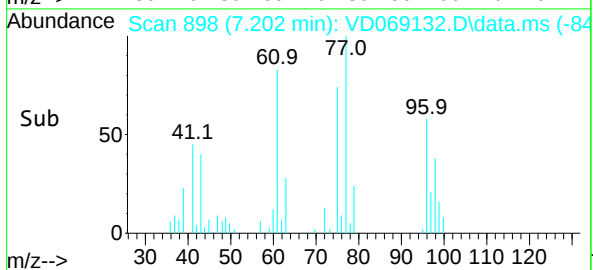
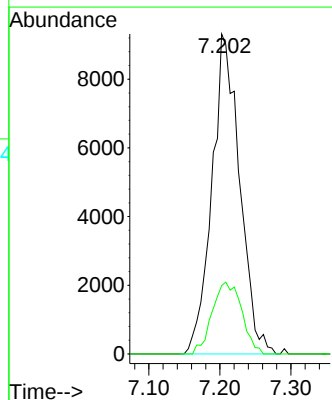
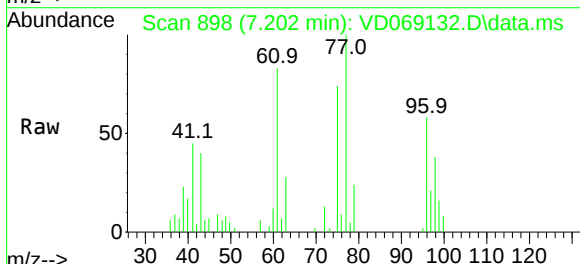
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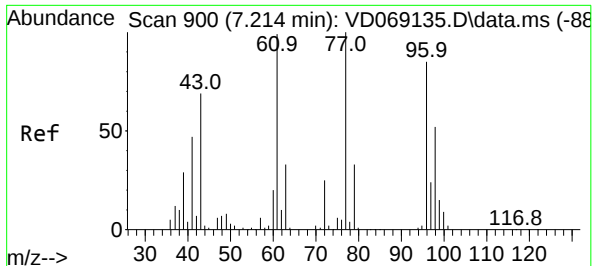
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#26
2,2-Dichloropropane
Concen: 5.06 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 77 Resp: 25226
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.71 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069132.D

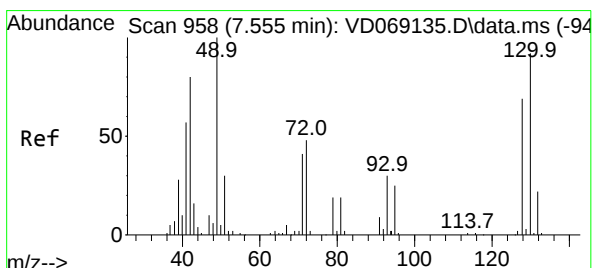
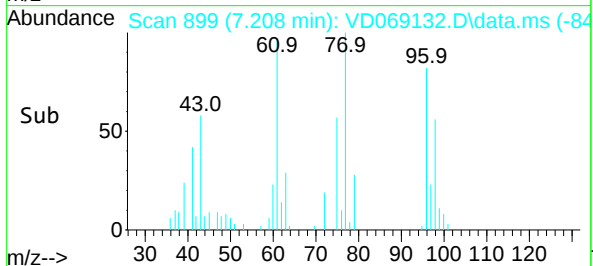
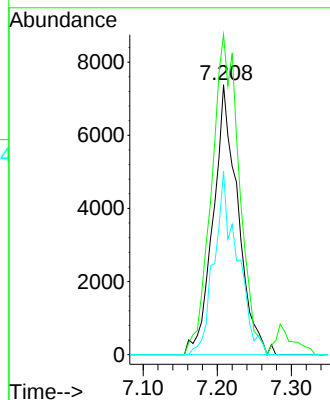
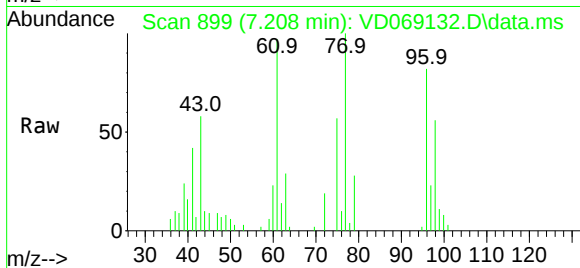
Acq: 12 May 2021 11:37

Tgt Ion:	96	Resp:	17074
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	263.8
98	63.9	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#28

Bromochloromethane

Concen: 5.65 ug/l

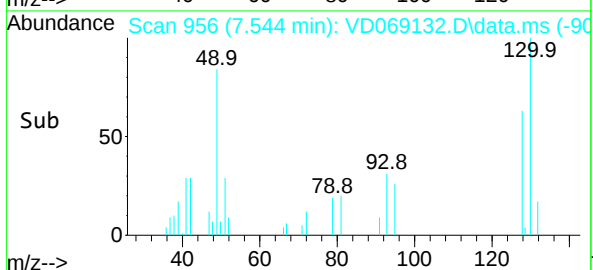
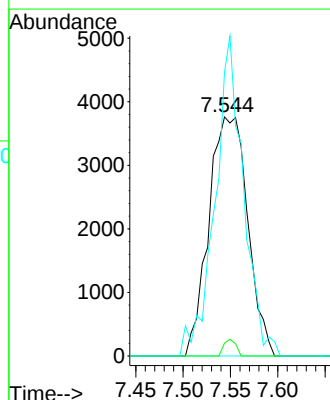
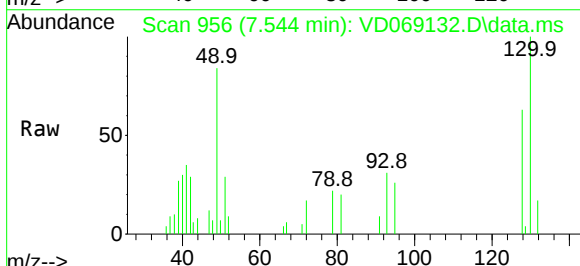
RT: 7.544 min Scan# 956

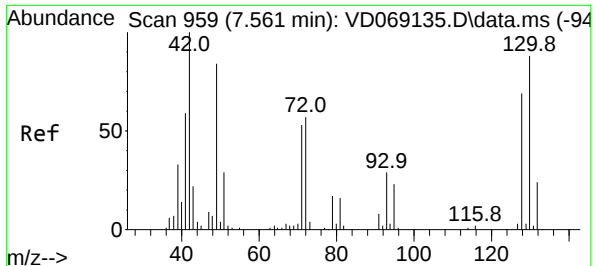
Delta R.T. -0.012 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

Tgt Ion:	49	Resp:	10734
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.4
130	97.8	75.8	113.6





#29

Tetrahydrofuran

Concen: 22.09 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

Tgt Ion:	42	Resp:	7027
Ion	Ratio	Lower	Upper
42	100		
72	48.4	45.9	68.9
71	51.9	42.9	64.3

Instrument :

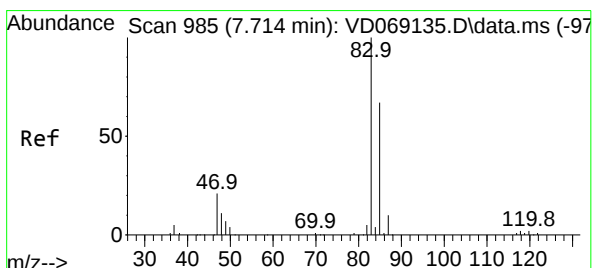
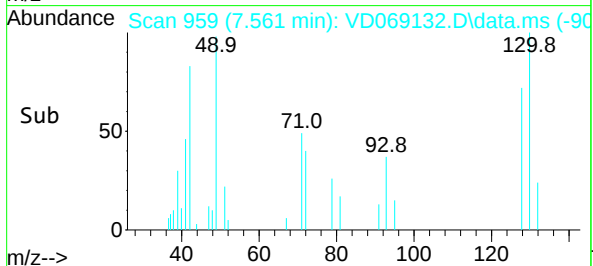
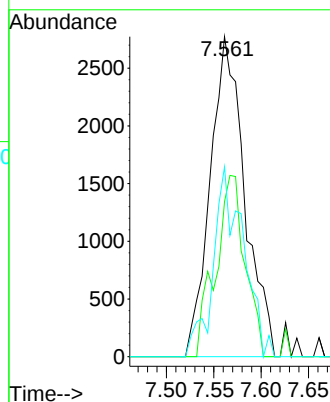
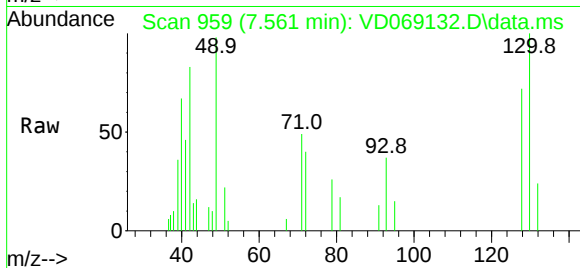
MSVOA_D

ClientSampleId :

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#30

Chloroform

Concen: 5.05 ug/l

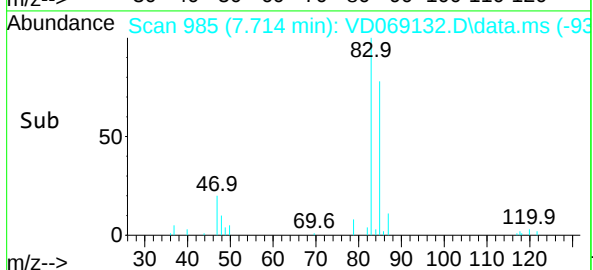
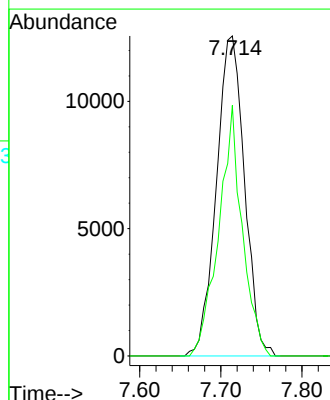
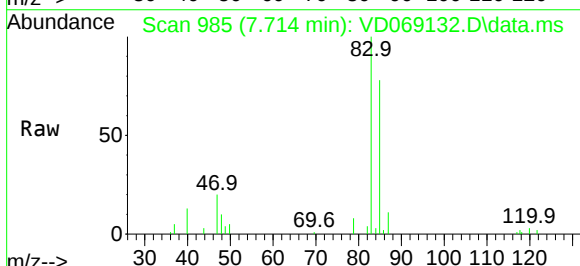
RT: 7.714 min Scan# 985

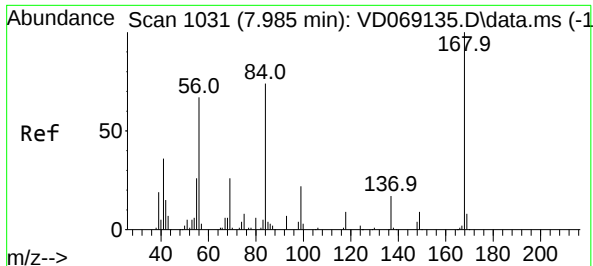
Delta R.T. 0.000 min

Lab File: VD069132.D

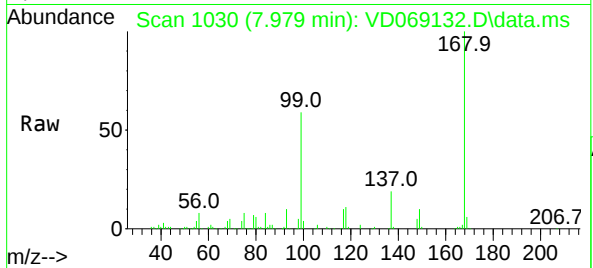
Acq: 12 May 2021 11:37

Tgt Ion:	83	Resp:	30293
Ion	Ratio	Lower	Upper
83	100		
85	78.3	54.0	81.0

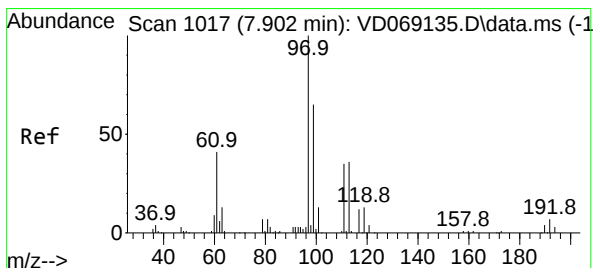
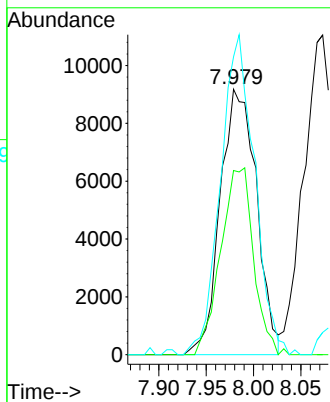
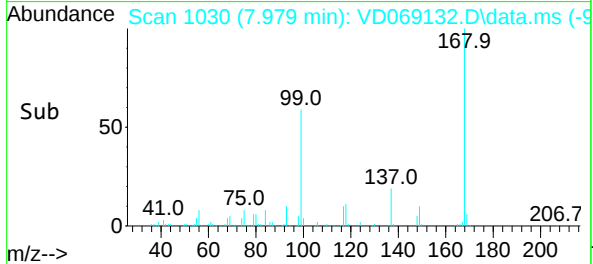




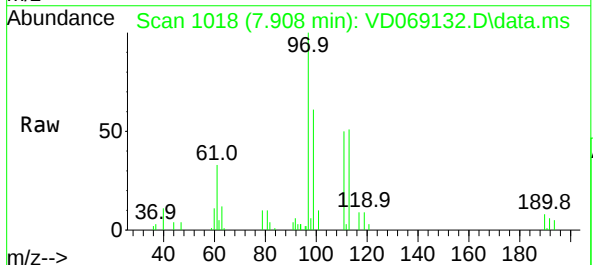
#31
Cyclohexane
Concen: 5.85 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



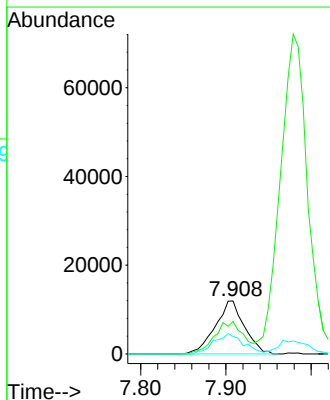
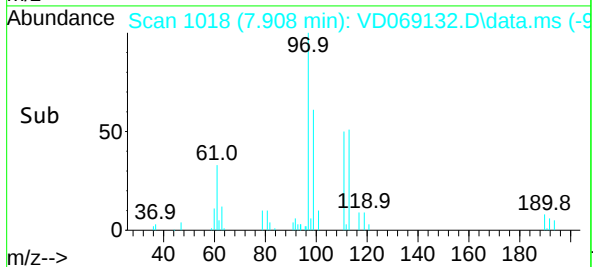
Tgt Ion: 56 Resp: 24442
Ion Ratio Lower Upper
56 100
69 69.4 30.6 46.0#
84 112.2 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 5.20 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



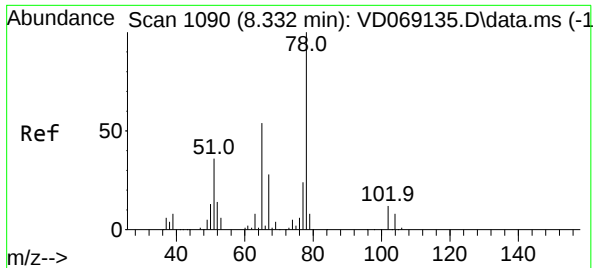
Tgt Ion: 97 Resp: 28306
Ion Ratio Lower Upper
97 100
99 60.8 51.5 77.3
61 38.8 32.5 48.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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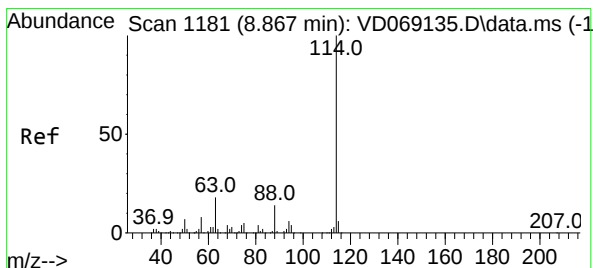
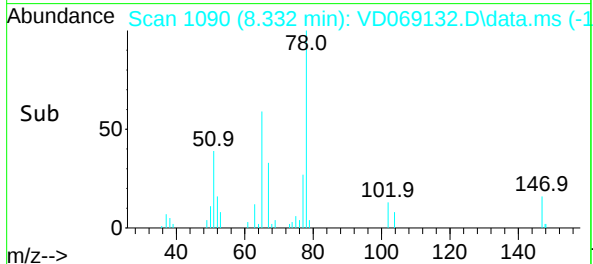
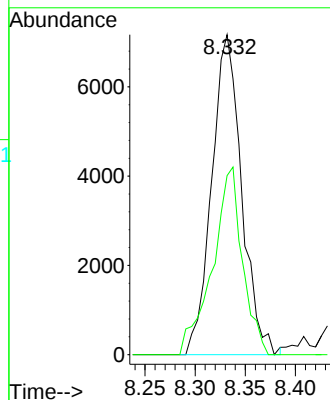
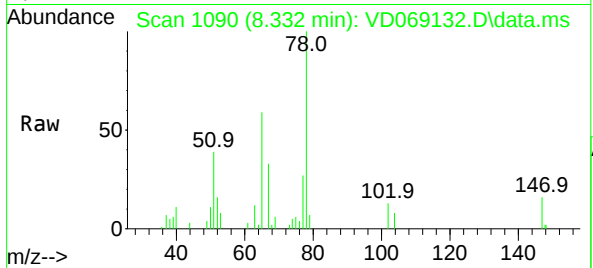
#33
1,2-Dichloroethane-d4
Concen: 5.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 65 Resp: 14854
Ion Ratio Lower Upper
65 100
67 58.6 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

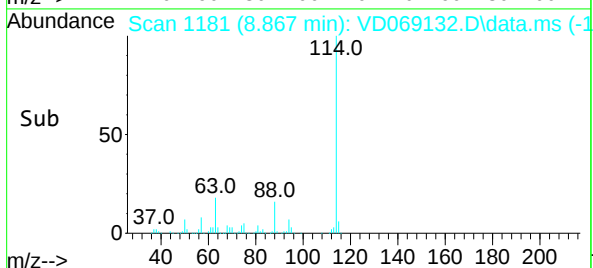
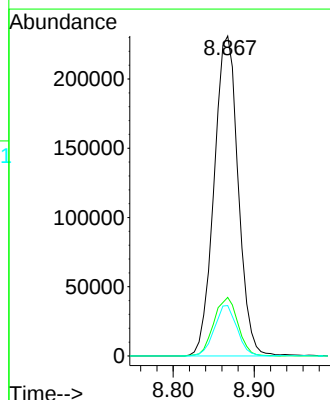
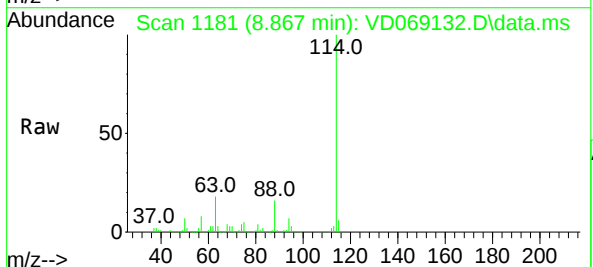
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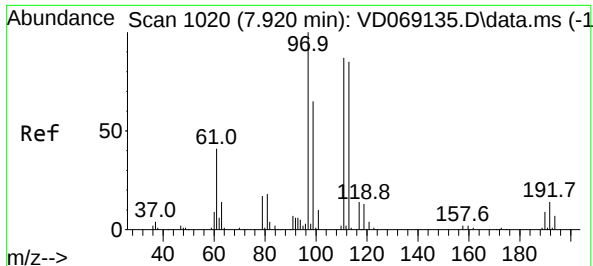
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 114 Resp: 476205
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 15.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 5.07 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069132.D

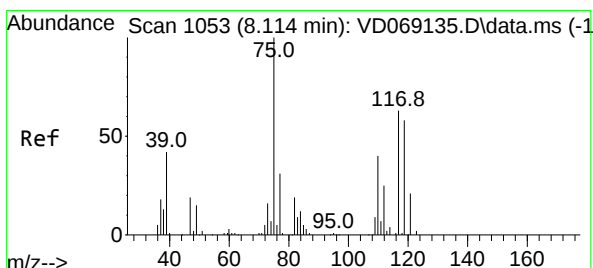
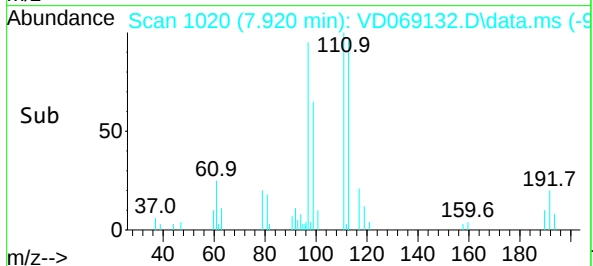
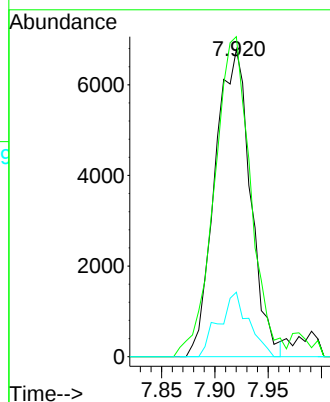
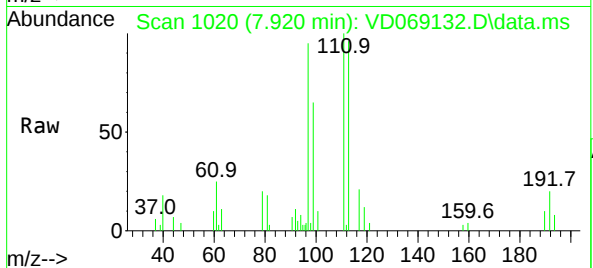
Acq: 12 May 2021 11:37

Tgt Ion:	113	Resp:	15708
Ion	Ratio	Lower	Upper
113	100		
111	106.0	80.6	120.8
192	17.6	14.8	22.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#36

1,1-Dichloropropene

Concen: 4.57 ug/l

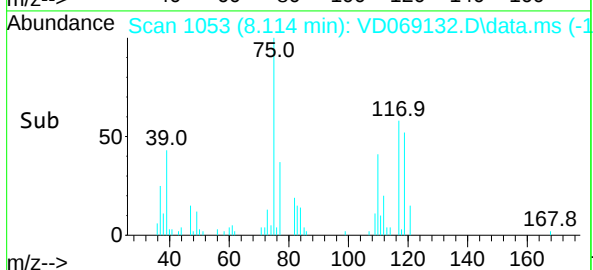
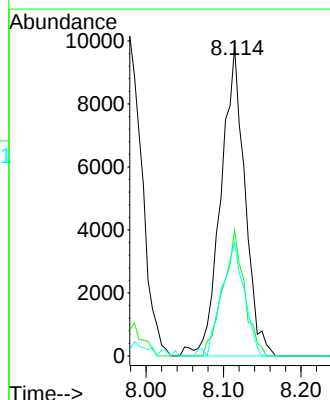
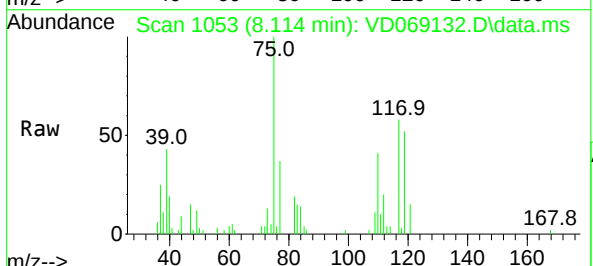
RT: 8.114 min Scan# 1053

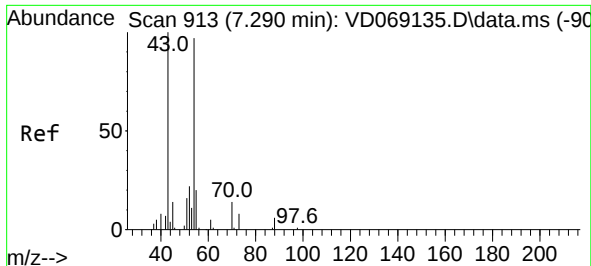
Delta R.T. 0.000 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

Tgt Ion:	75	Resp:	21166
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.8	56.4
77	34.8	25.2	37.8





#37

Ethyl Acetate

Concen: 5.01 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069132.D

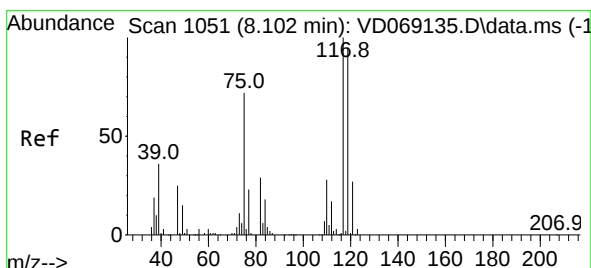
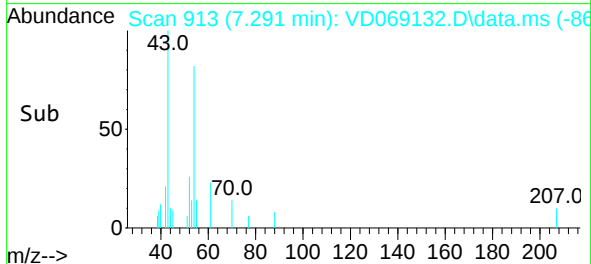
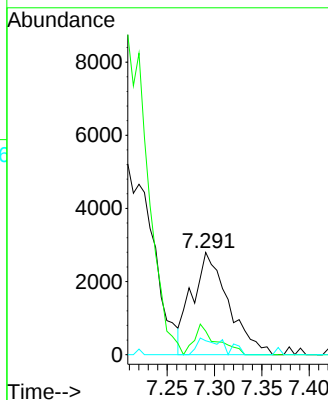
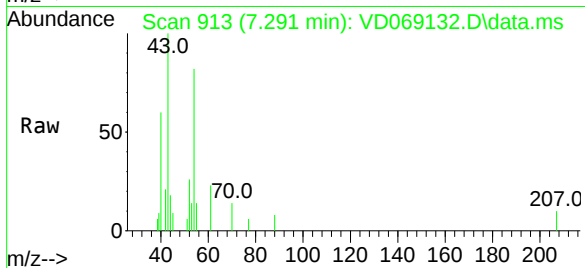
Acq: 12 May 2021 11:37

Tgt Ion:	43	Resp:	7449
Ion	Ratio	Lower	Upper
43	100		
61	18.1	11.5	17.3#
70	9.6	10.4	15.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#38

Carbon Tetrachloride

Concen: 4.97 ug/l

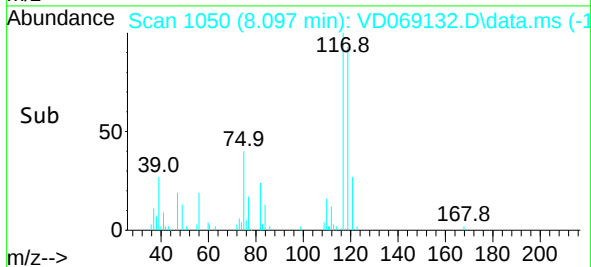
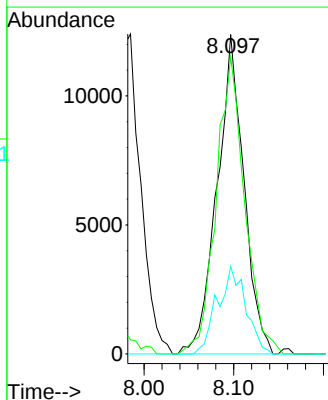
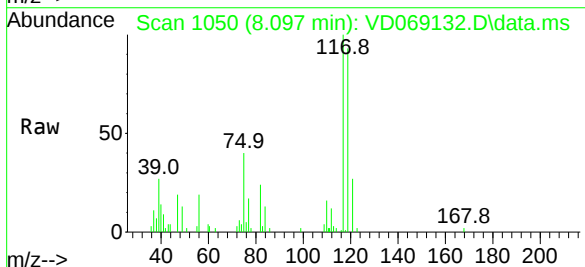
RT: 8.097 min Scan# 1050

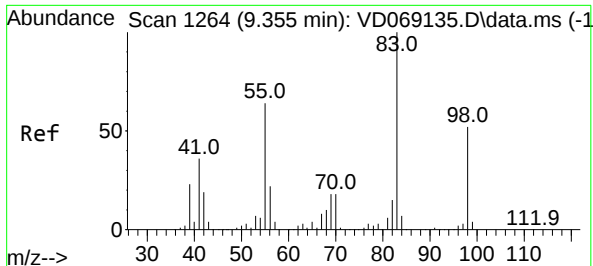
Delta R.T. -0.006 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

Tgt Ion:	117	Resp:	25724
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.2	114.2
121	27.5	21.9	32.9





#39

Methylcyclohexane

Concen: 4.24 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

Tgt Ion:	83	Resp:	20726
Ion	Ratio	Lower	Upper
83	100		
55	67.3	51.2	76.8
98	49.5	41.4	62.2

Instrument :

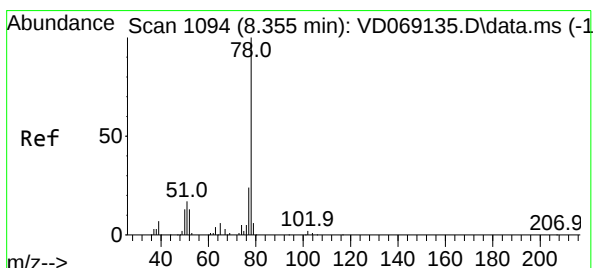
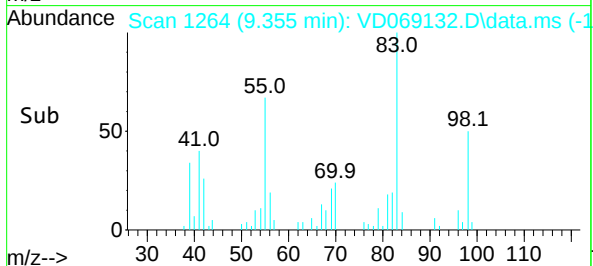
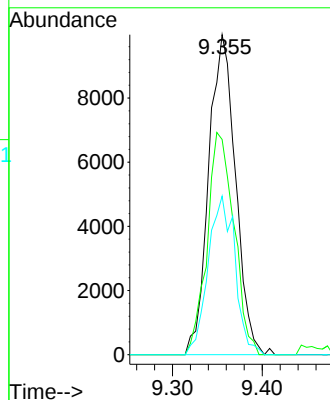
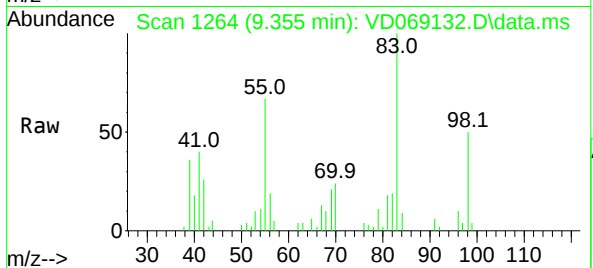
MSVOA_D

ClientSampleId :

VSTDIC005

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#40

Benzene

Concen: 4.72 ug/l

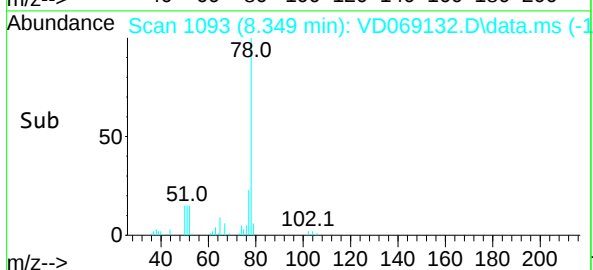
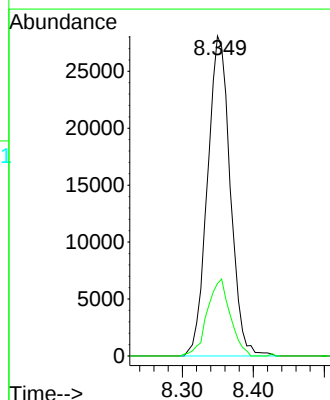
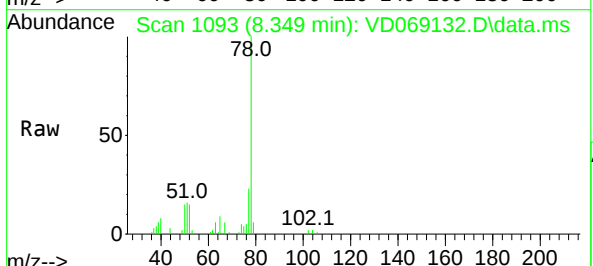
RT: 8.349 min Scan# 1093

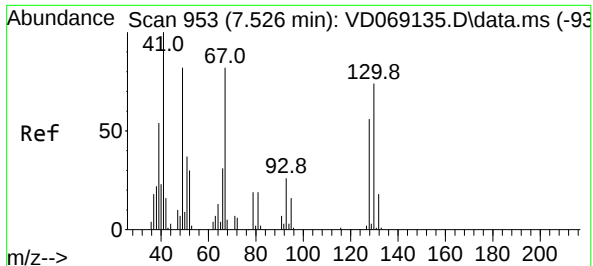
Delta R.T. -0.006 min

Lab File: VD069132.D

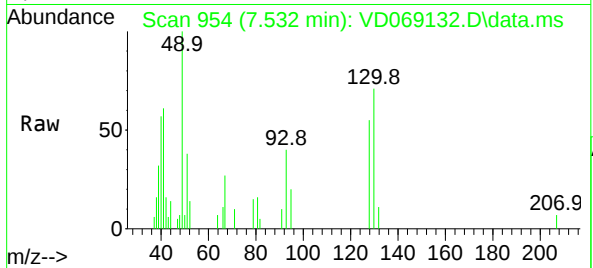
Acq: 12 May 2021 11:37

Tgt Ion:	78	Resp:	62533
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.1	28.7

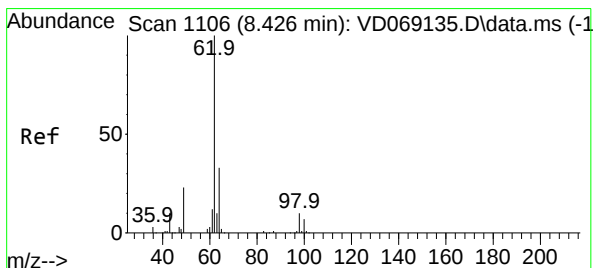
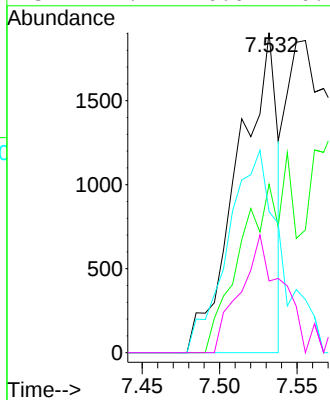
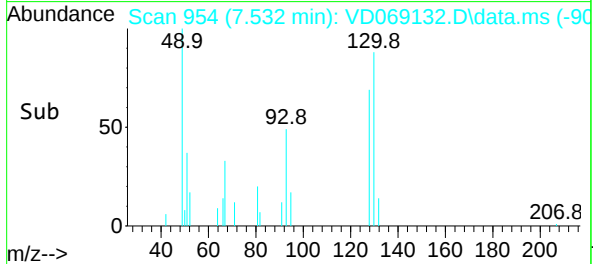




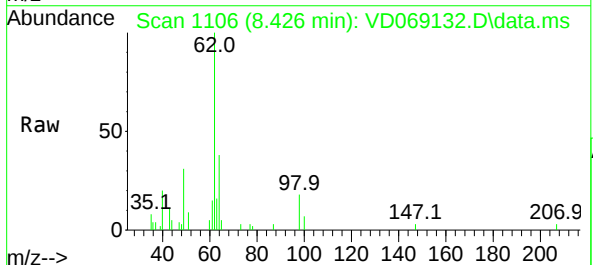
#41
Methacrylonitrile
Concen: 4.66 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



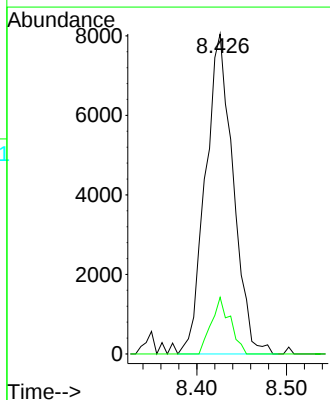
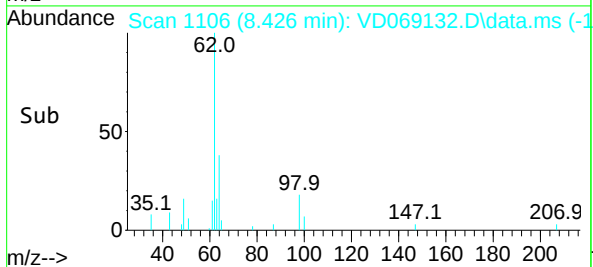
Tgt Ion: 41 Resp: 3410
Ion Ratio Lower Upper
41 100
39 0.0 58.0 87.0#
67 84.6 0.0 0.0#
52 41.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.76 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



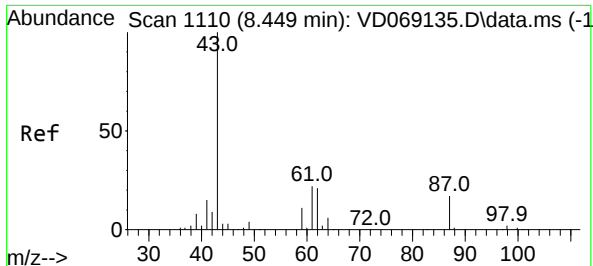
Tgt Ion: 62 Resp: 17225
Ion Ratio Lower Upper
62 100
98 12.1 0.0 20.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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5/13/2021 4:05:37 PM



#43

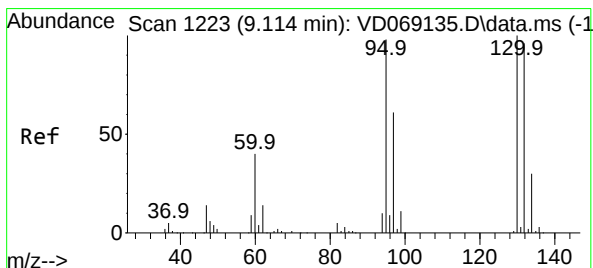
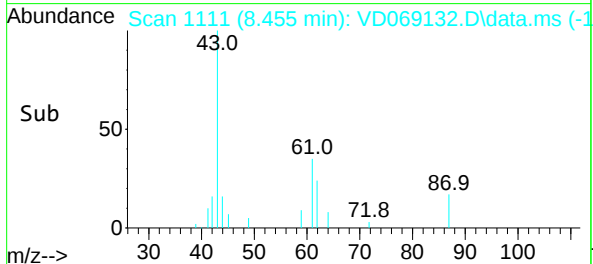
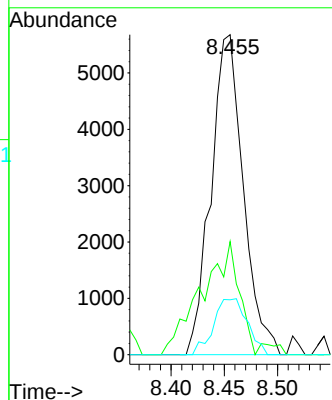
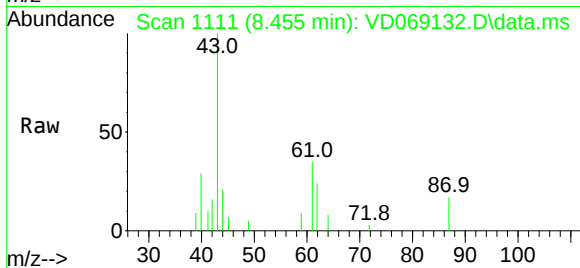
Isopropyl Acetate
Concen: 4.44 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	43	Resp:	11981
Ion Ratio	Lower	Upper	
43	100		
61	42.3	28.6	42.8
87	18.2	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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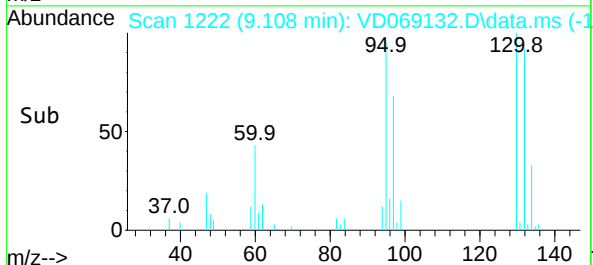
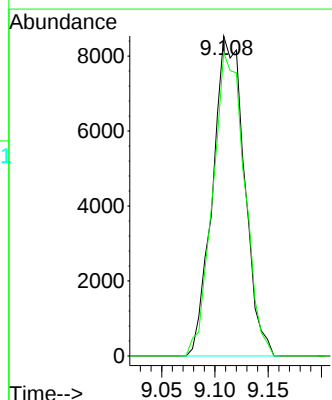
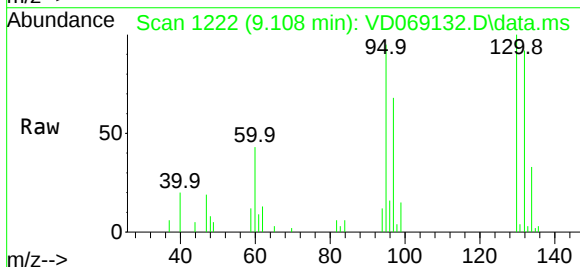
MMDadoda
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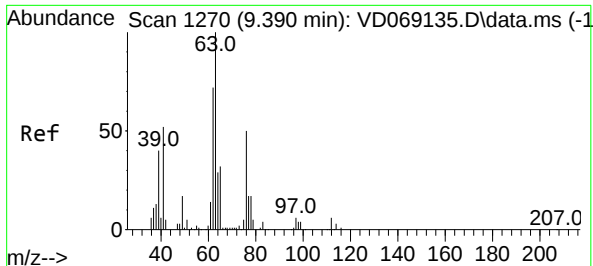


#44

Trichloroethene
Concen: 4.75 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	130	Resp:	17603
Ion Ratio	Lower	Upper	
130	100		
95	94.8	0.0	196.2





#45

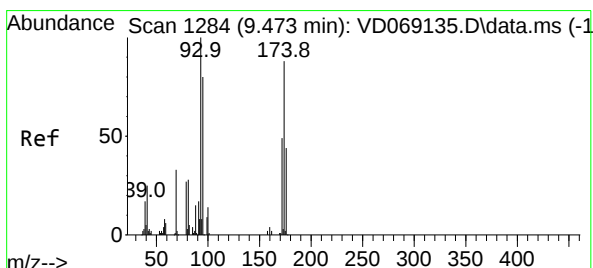
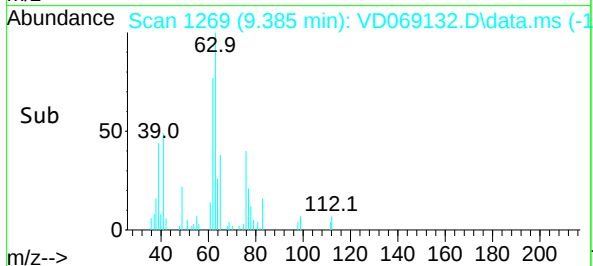
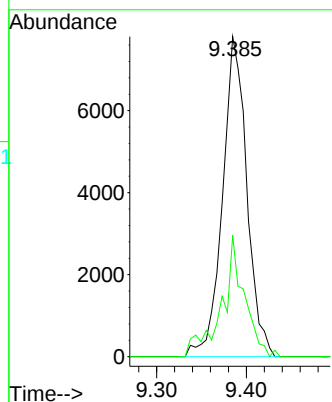
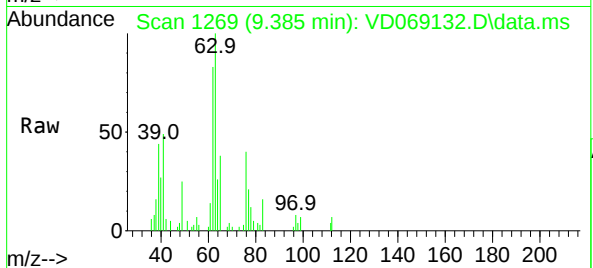
1,2-Dichloropropane
Concen: 4.69 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 63 Resp: 14682
Ion Ratio Lower Upper
63 100
65 37.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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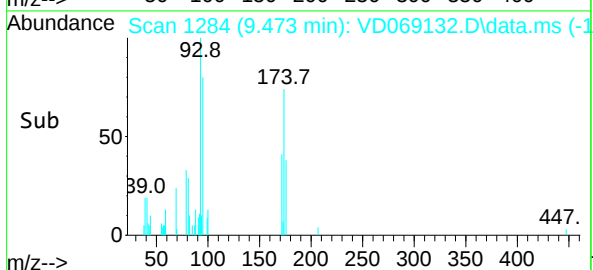
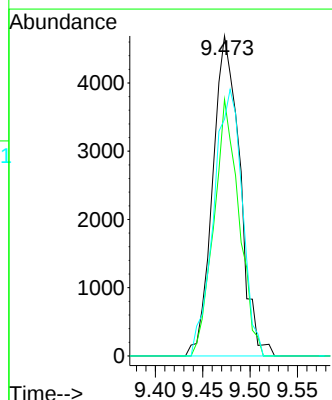
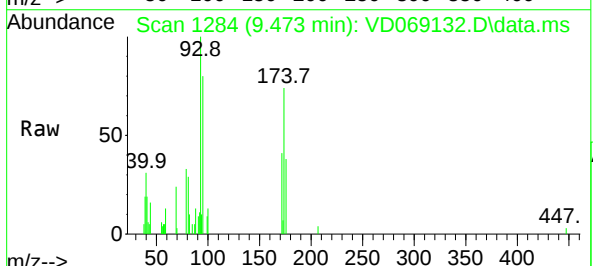
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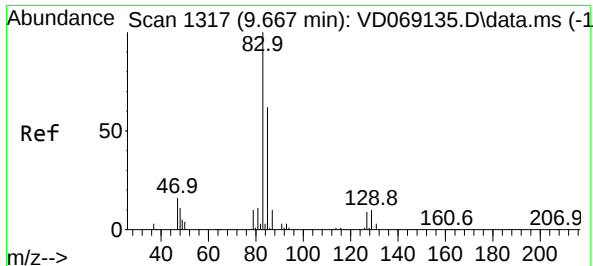


#46

Dibromomethane
Concen: 4.99 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 93 Resp: 9335
Ion Ratio Lower Upper
93 100
95 74.5 65.9 98.9
174 87.5 76.6 115.0





#47

Bromodichloromethane

Concen: 4.68 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VD069132.D

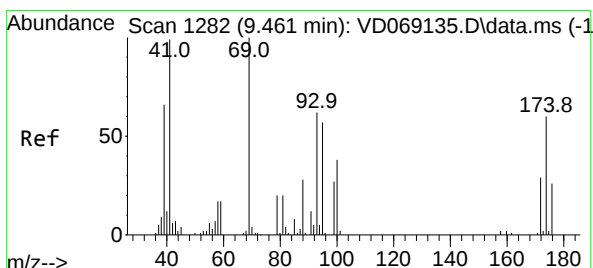
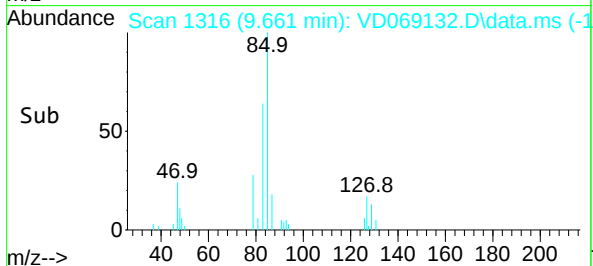
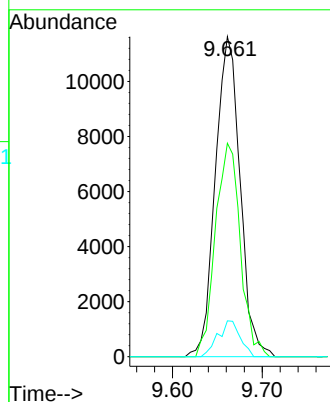
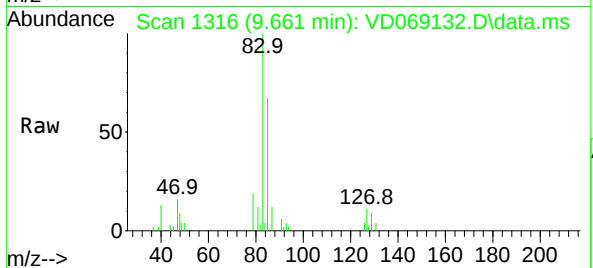
Acq: 12 May 2021 11:37

Tgt Ion:	83	Resp:	22271
Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.0	75.0
127	12.7	7.1	10.7#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.42 ug/l

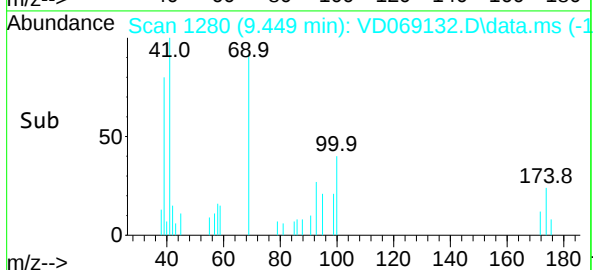
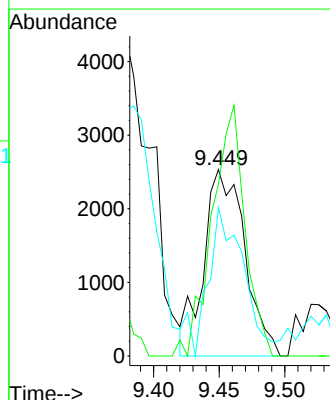
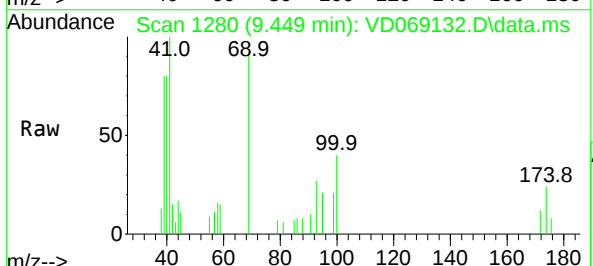
RT: 9.449 min Scan# 1280

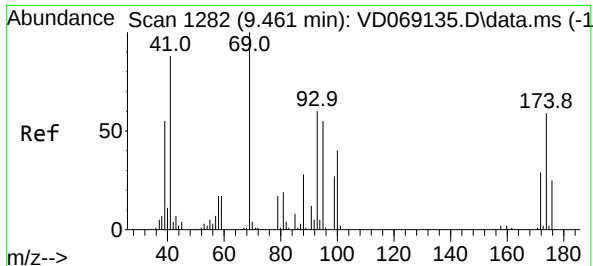
Delta R.T. -0.012 min

Lab File: VD069132.D

Acq: 12 May 2021 11:37

Tgt Ion:	41	Resp:	5527
Ion	Ratio	Lower	Upper
41	100		
69	107.0	88.0	132.0
39	65.7	51.4	77.0





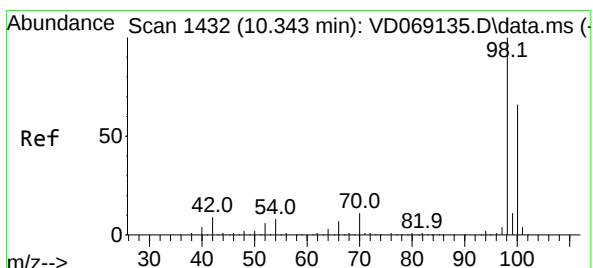
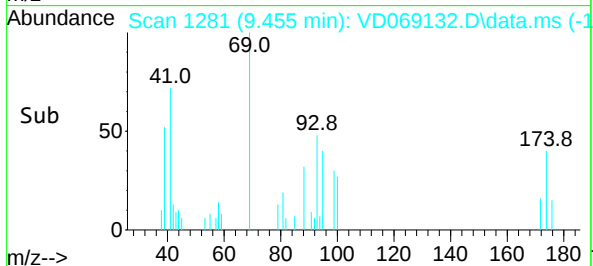
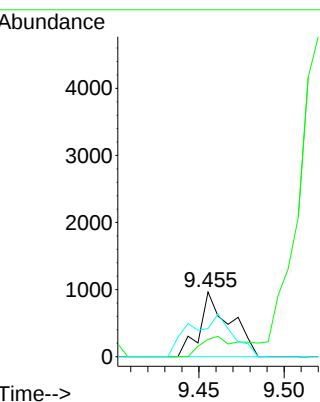
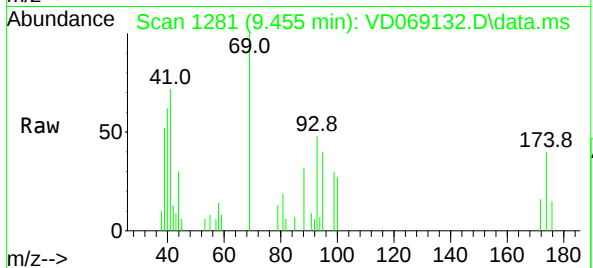
#49
1,4-Dioxane
Concen: 68.64 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 88 Resp: 1208
Ion Ratio Lower Upper
88 100
43 39.1 26.7 40.1
58 89.7 45.8 68.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

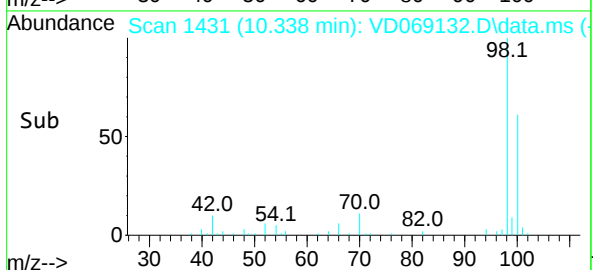
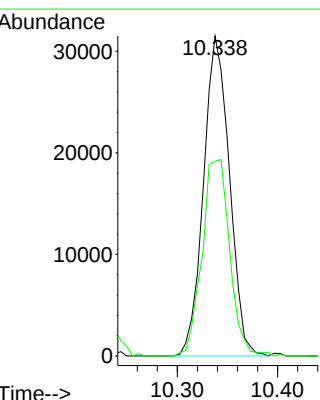
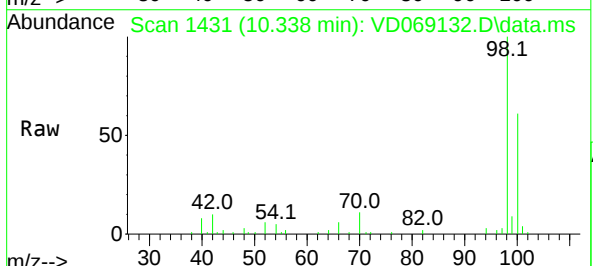
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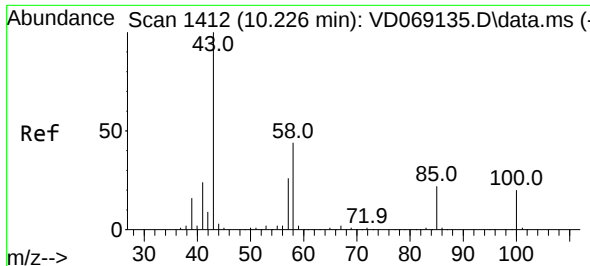
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#50
Toluene-d8
Concen: 4.97 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 98 Resp: 56562
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8





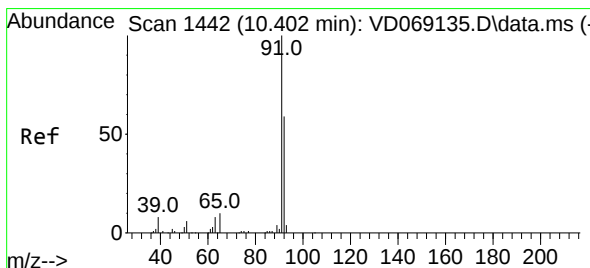
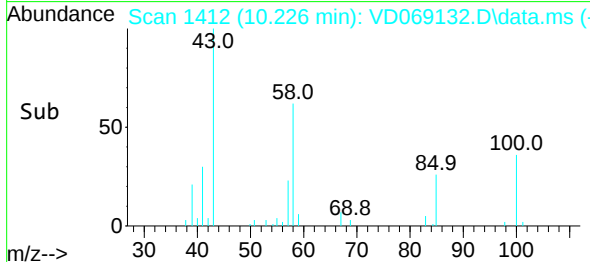
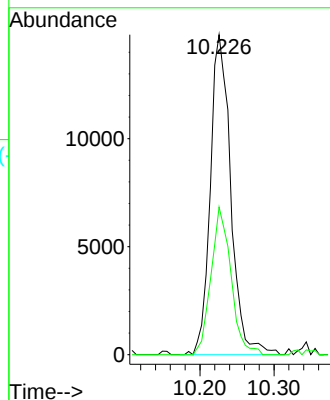
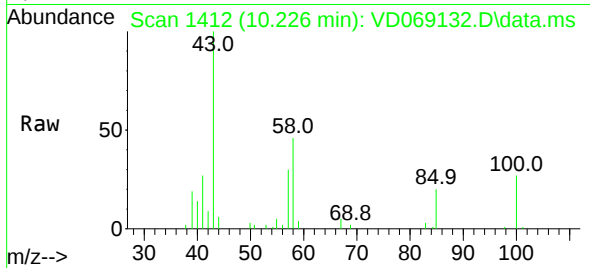
#51
4-Methyl-2-Pentanone
Concen: 20.42 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 43 Resp: 28383
Ion Ratio Lower Upper
43 100
58 45.1 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

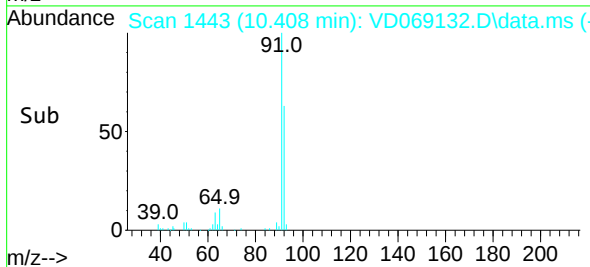
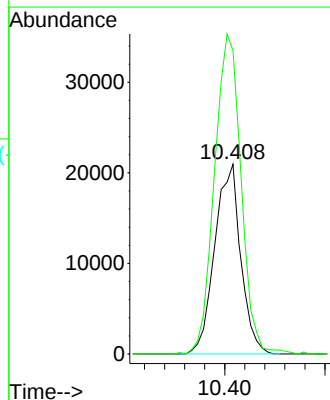
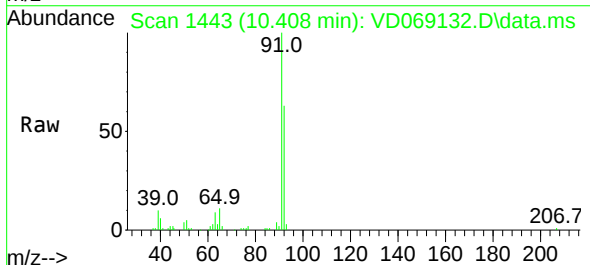
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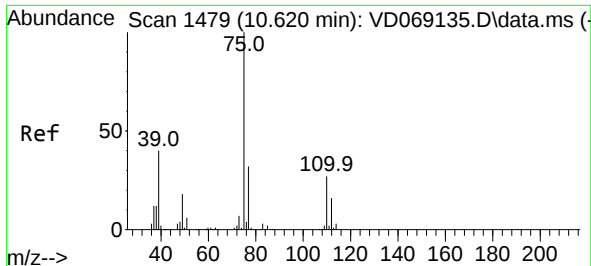
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#52
Toluene
Concen: 4.39 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 92 Resp: 37561
Ion Ratio Lower Upper
92 100
91 173.2 136.2 204.2





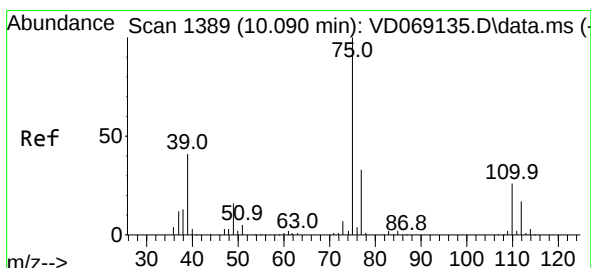
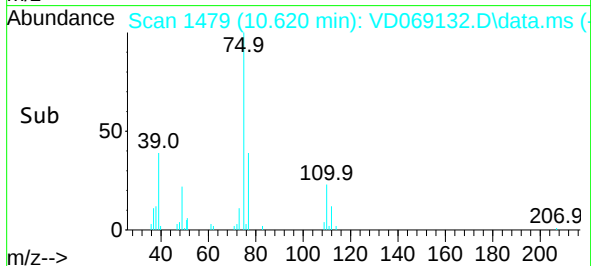
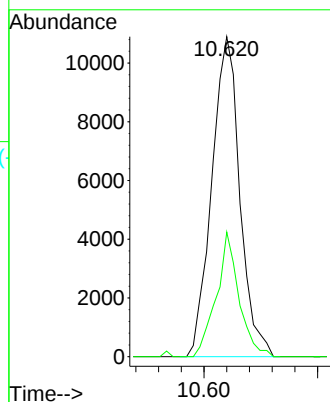
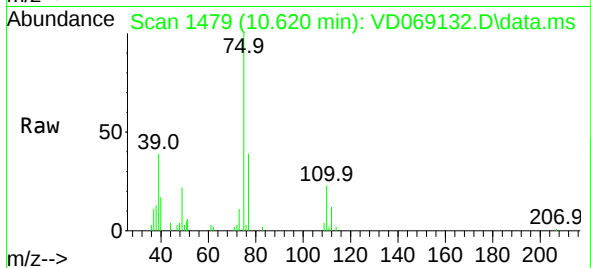
#53
t-1,3-Dichloropropene
Concen: 4.46 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 75 Resp: 18674
Ion Ratio Lower Upper
75 100
77 38.9 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

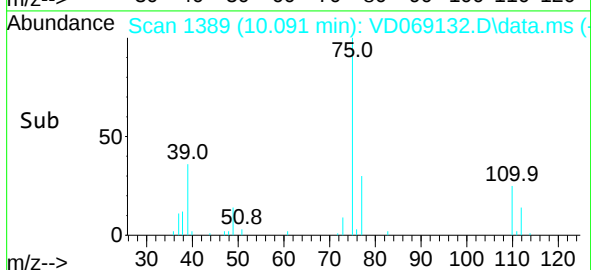
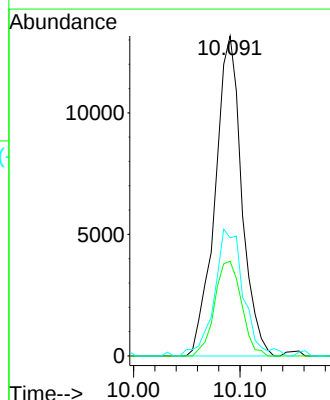
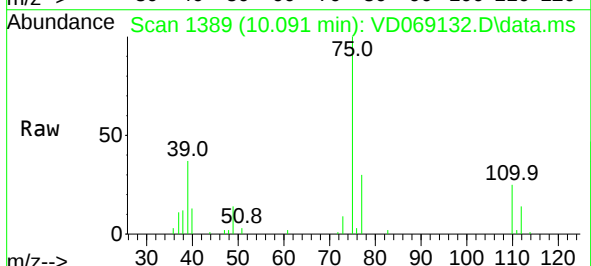
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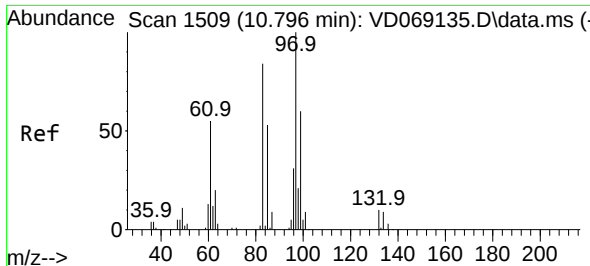
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#54
cis-1,3-Dichloropropene
Concen: 4.57 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 75 Resp: 22855
Ion Ratio Lower Upper
75 100
77 29.6 26.2 39.4
39 37.0 32.9 49.3





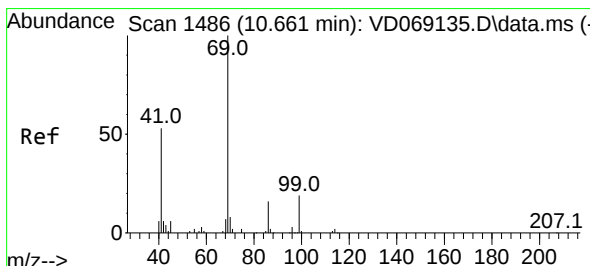
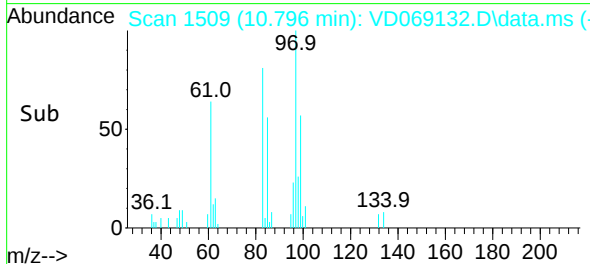
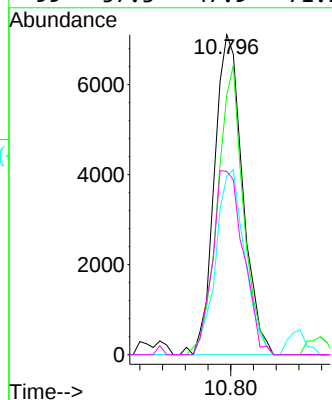
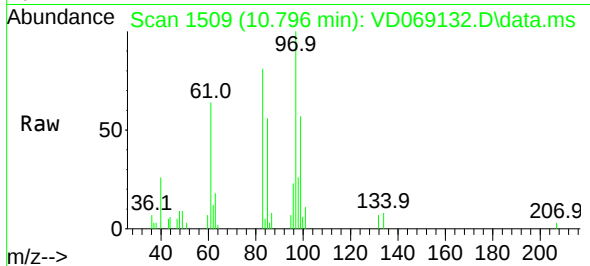
#55
1,1,2-Trichloroethane
Concen: 4.86 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	97	Resp:	12269
Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.9	100.3
85	55.7	42.2	63.4
99	57.3	47.9	71.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

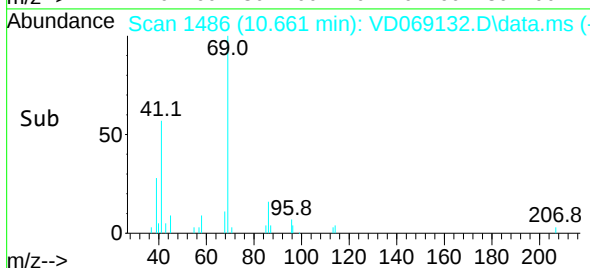
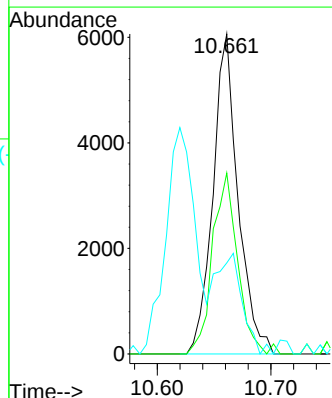
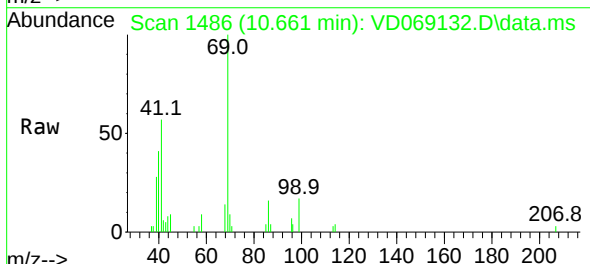
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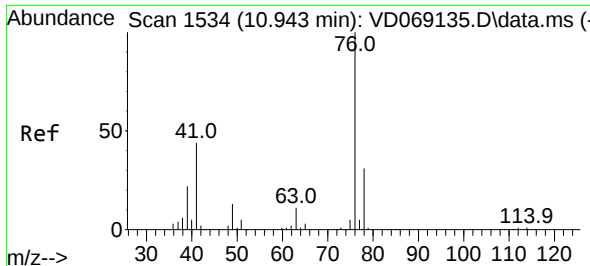
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#56
Ethyl methacrylate
Concen: 3.69 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	69	Resp:	9304
Ion	Ratio	Lower	Upper
69	100		
41	55.9	42.2	63.2
39	34.3	26.3	39.5





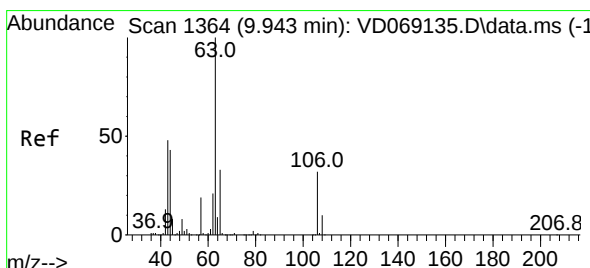
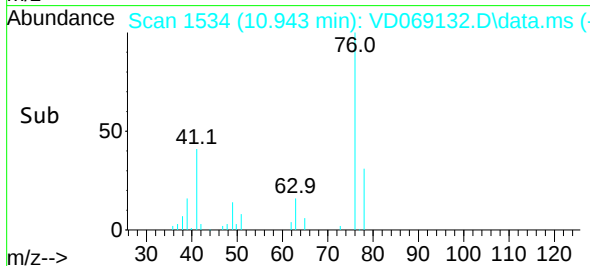
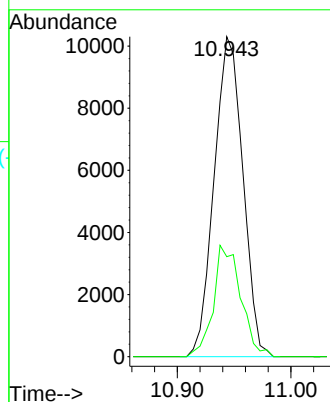
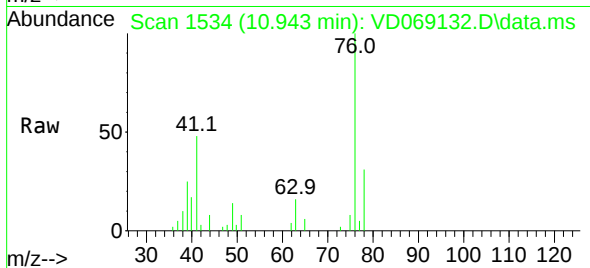
#57
1,3-Dichloropropane
Concen: 4.44 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 76 Resp: 18114
Ion Ratio Lower Upper
76 100
78 33.1 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

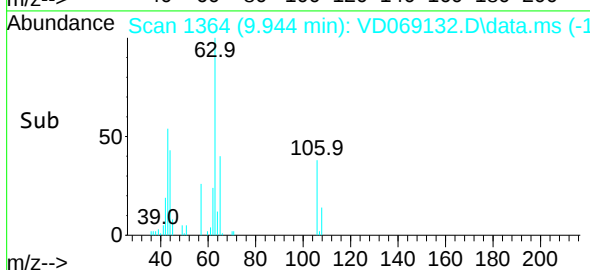
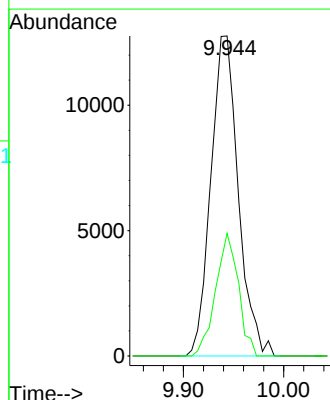
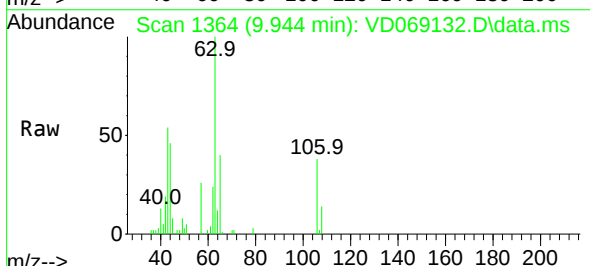
Manual Integrations
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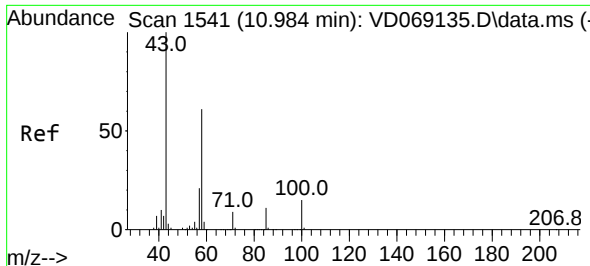
MMDadoda
5/13/2021 4:05:37 PM



#58
2-Chloroethyl Vinyl ether
Concen: 19.43 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 63 Resp: 24255
Ion Ratio Lower Upper
63 100
106 31.6 25.3 37.9





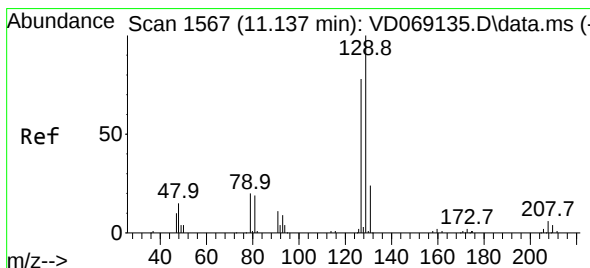
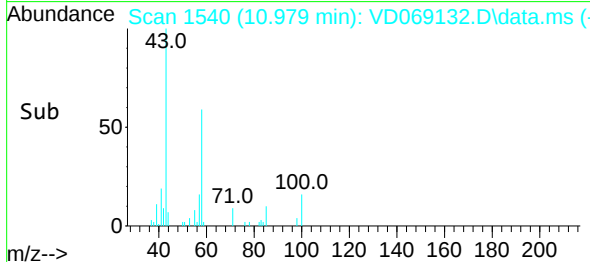
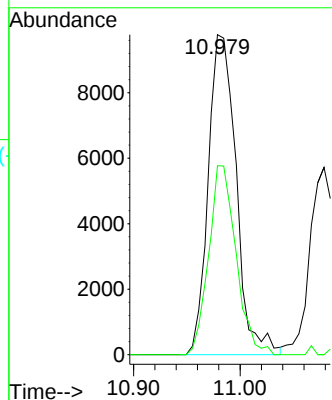
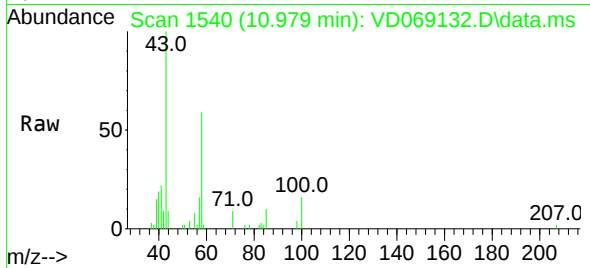
#59
2-Hexanone
Concen: 19.21 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 43 Resp: 17819
Ion Ratio Lower Upper
43 100
58 57.8 31.1 93.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

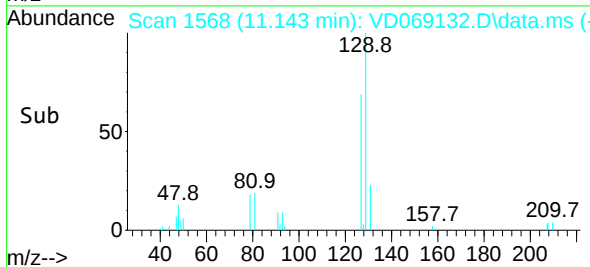
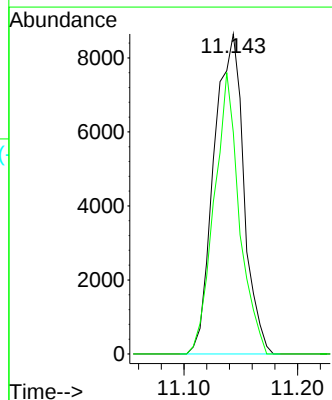
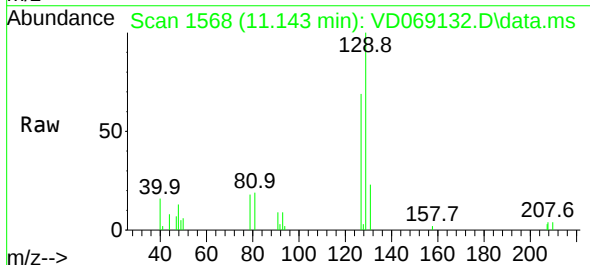
Manual Integrations
APPROVED

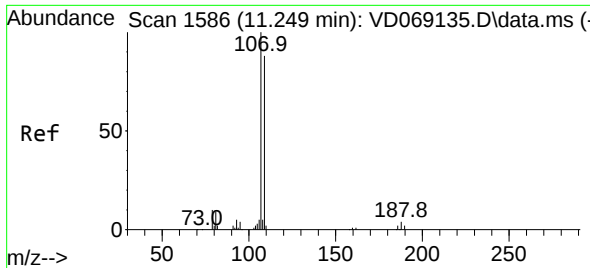
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#60
Dibromochloromethane
Concen: 4.86 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 129 Resp: 15728
Ion Ratio Lower Upper
129 100
127 74.6 38.5 115.5





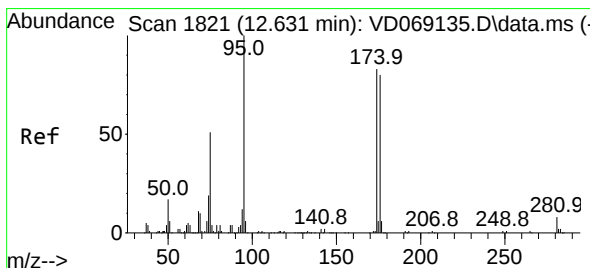
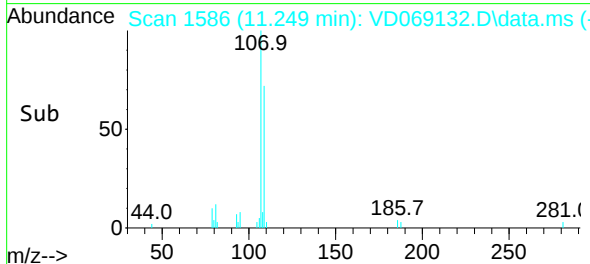
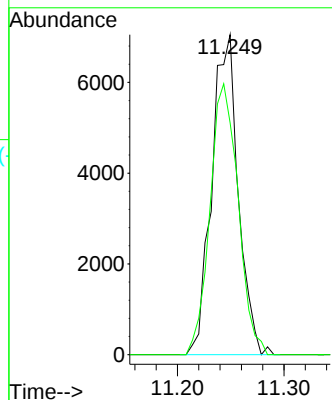
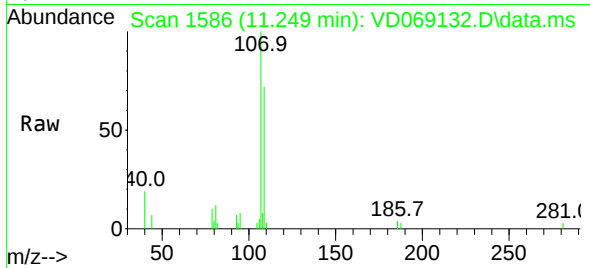
#61
1,2-Dibromoethane
Concen: 4.88 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 107 Resp: 12152
Ion Ratio Lower Upper
107 100
109 90.2 73.6 110.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

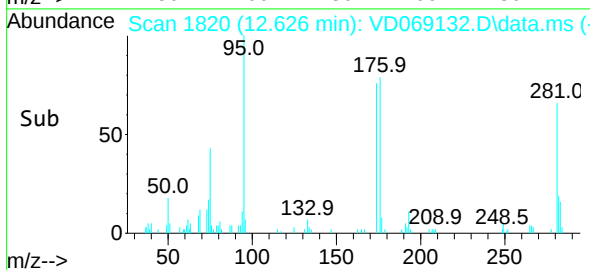
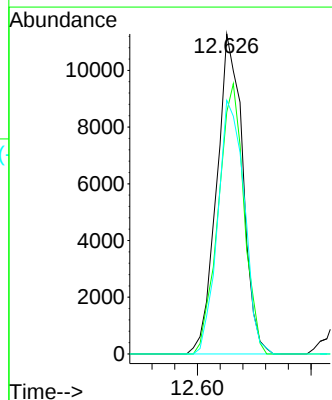
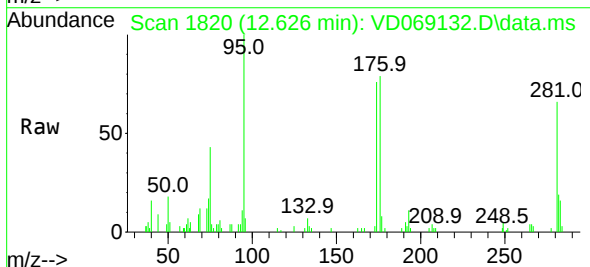
Manual Integrations
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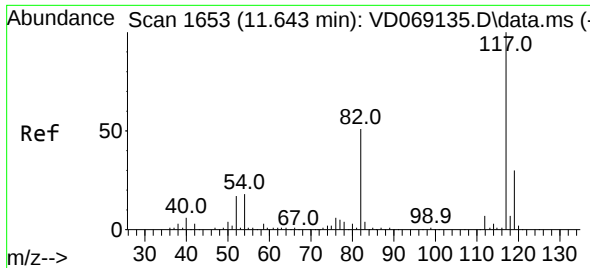
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 4.89 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

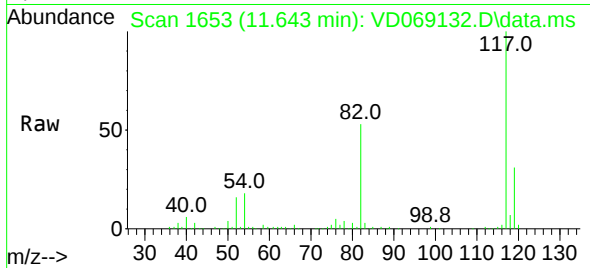
Tgt Ion: 95 Resp: 17917
Ion Ratio Lower Upper
95 100
174 83.5 0.0 171.8
176 81.1 0.0 165.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

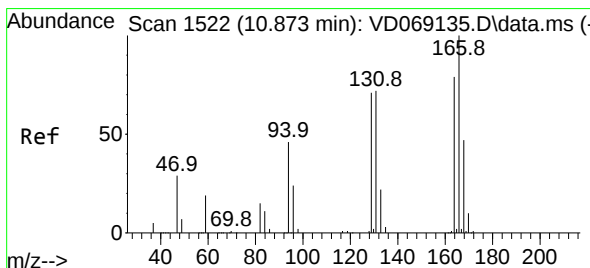
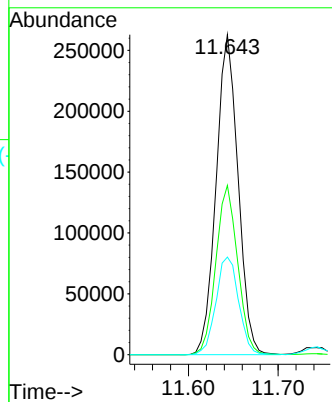
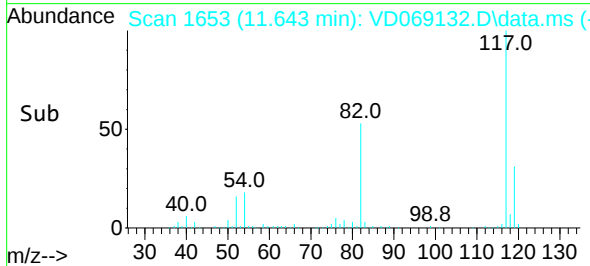
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



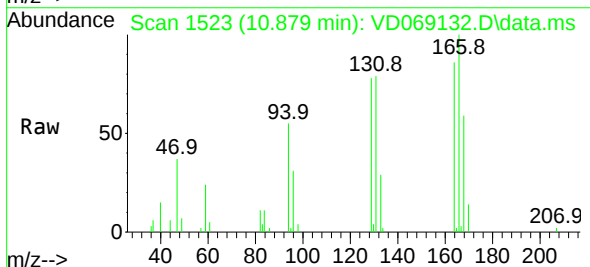
Tgt Ion:117 Resp: 446694
Ion Ratio Lower Upper
117 100
82 52.9 40.5 60.7
119 30.5 24.2 36.4

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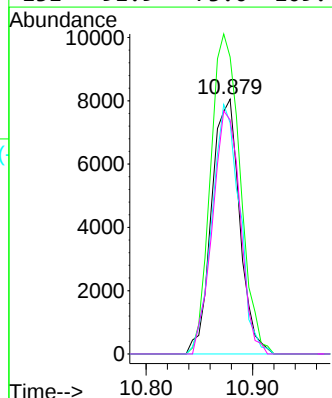
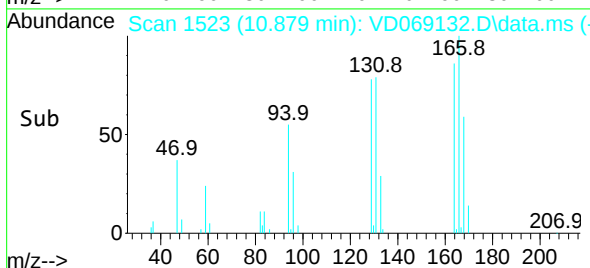
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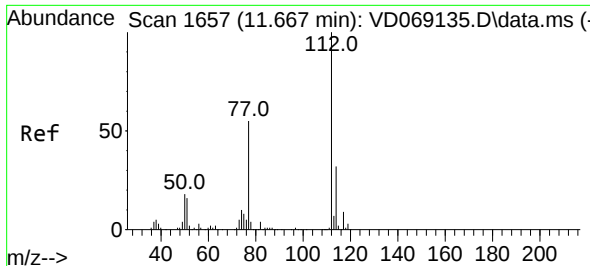


#64
Tetrachloroethene
Concen: 4.74 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



Tgt Ion:164 Resp: 14725
Ion Ratio Lower Upper
164 100
166 116.6 101.7 152.5
129 90.7 72.6 109.0
131 91.9 73.0 109.4





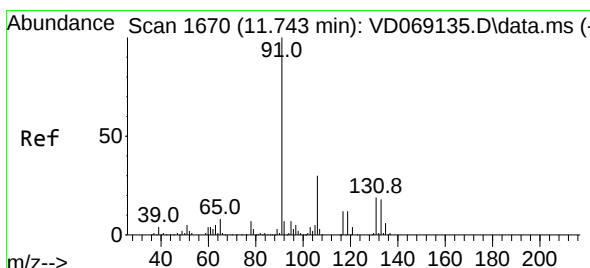
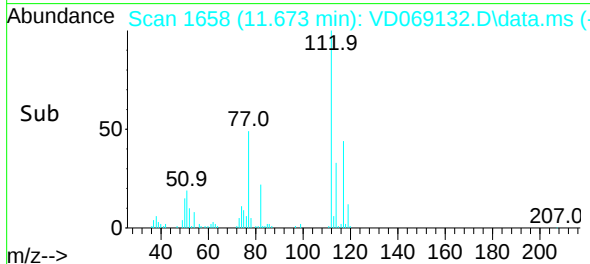
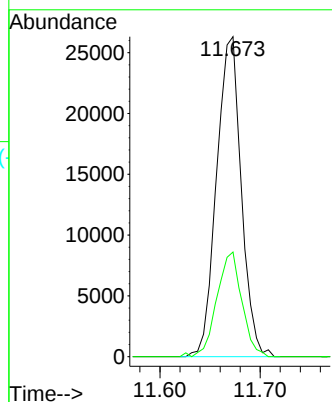
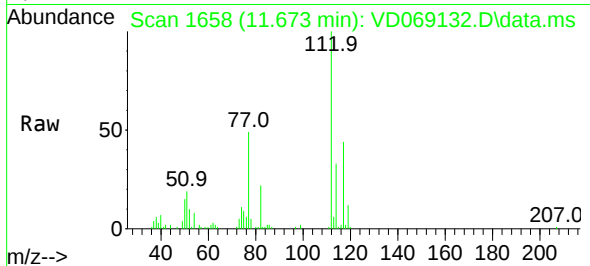
#65
Chlorobenzene
Concen: 4.85 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 44917
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

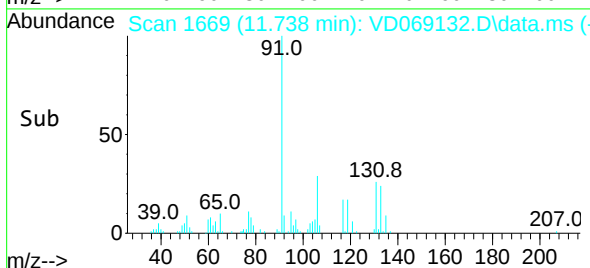
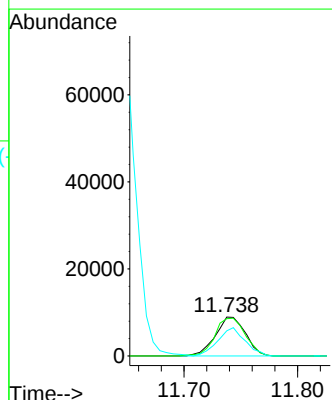
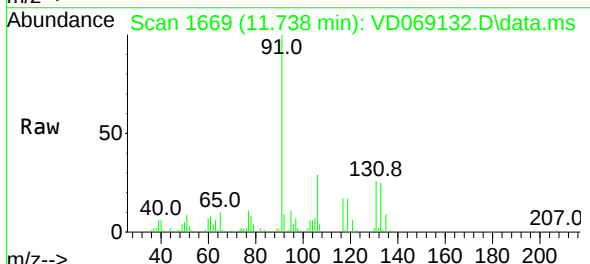
Manual Integrations
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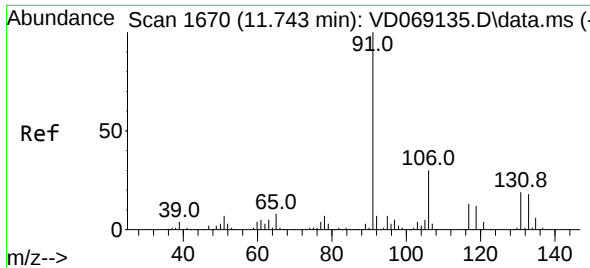
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.72 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

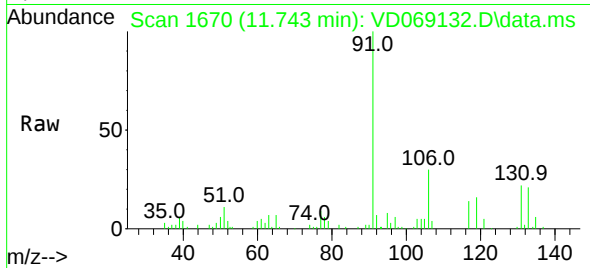
Tgt Ion:131 Resp: 16464
Ion Ratio Lower Upper
131 100
133 98.6 47.5 142.5
119 65.8 32.1 96.5





#67
Ethyl Benzene
Concen: 4.21 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

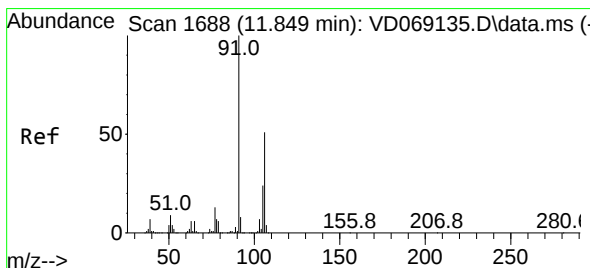
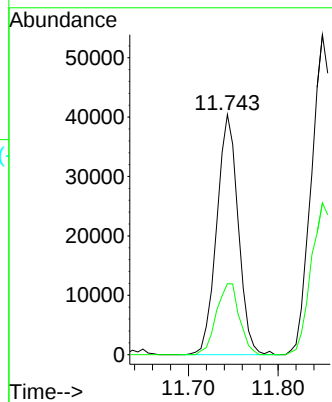
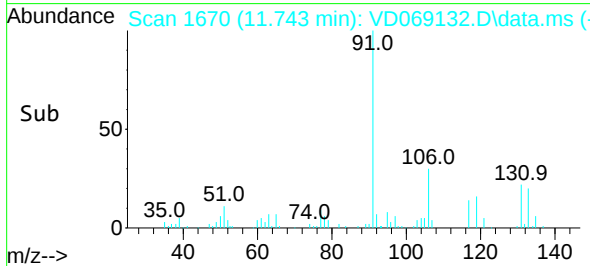
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



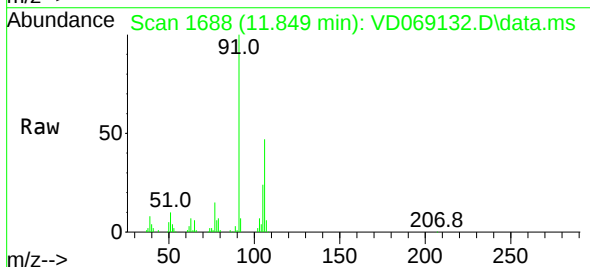
Tgt Ion: 91 Resp: 67105
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0

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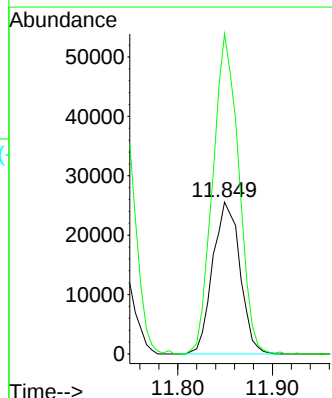
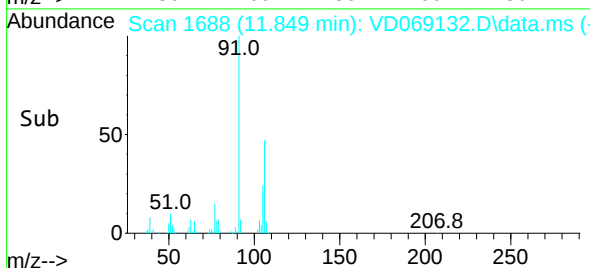
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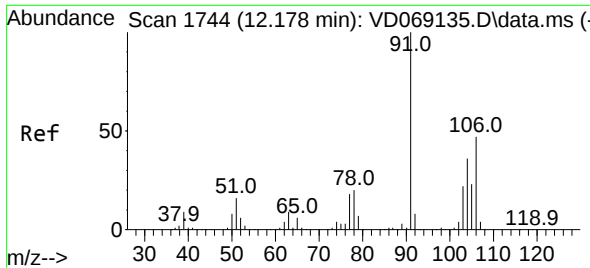


#68
m/p-Xylenes
Concen: 8.20 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



Tgt Ion: 106 Resp: 51214
Ion Ratio Lower Upper
106 100
91 200.5 157.3 235.9





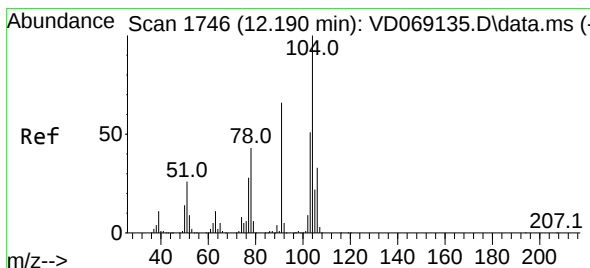
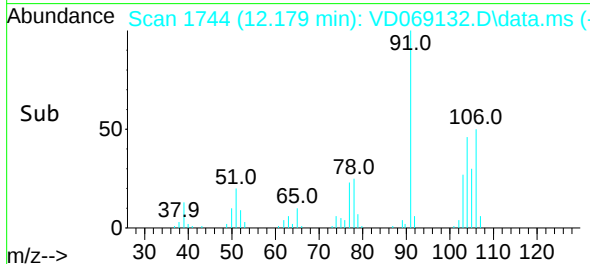
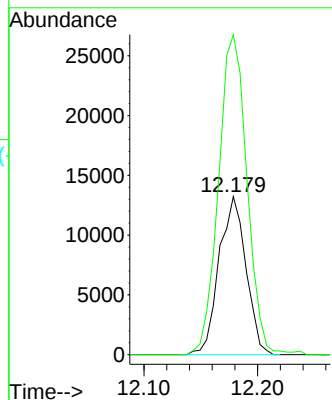
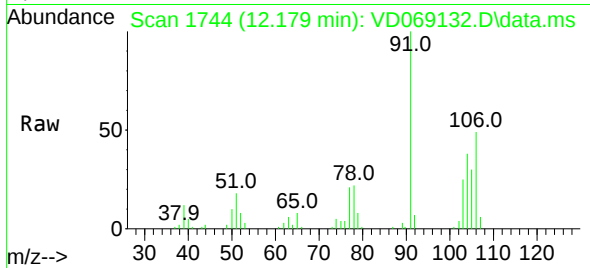
#69
o-Xylene
Concen: 3.92 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:106 Resp: 21762
Ion Ratio Lower Upper
106 100
91 214.5 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

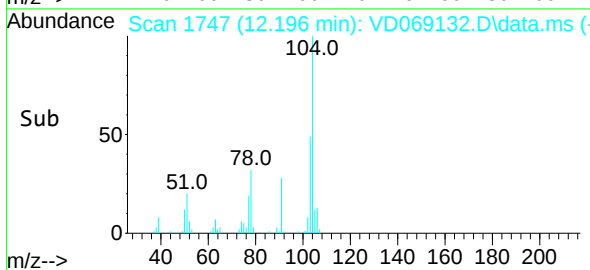
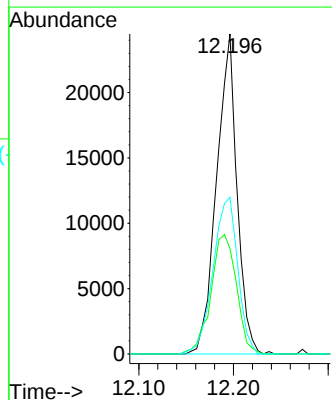
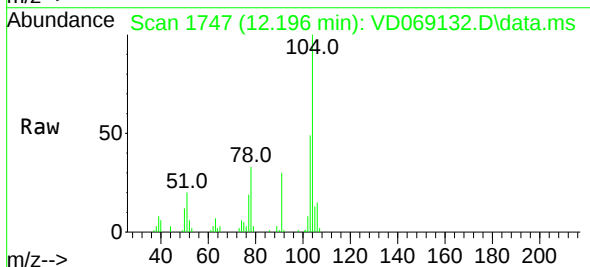
Manual Integrations
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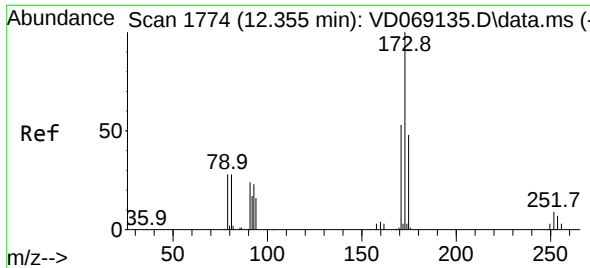
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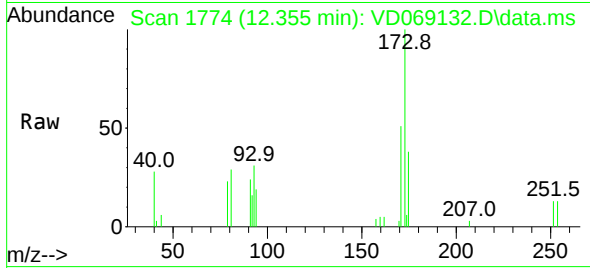
#70
Styrene
Concen: 3.80 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:104 Resp: 36803
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 59.0 44.8 67.2

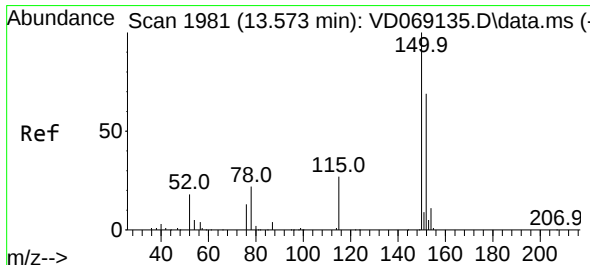
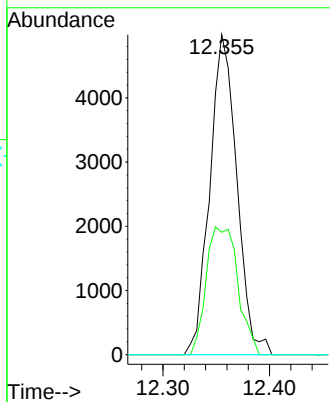
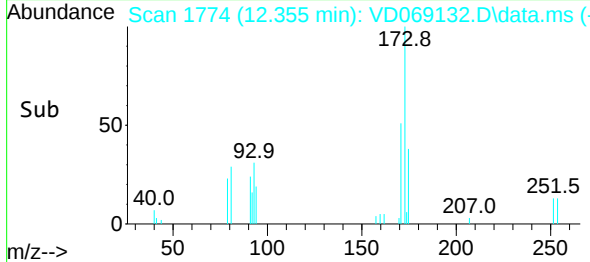




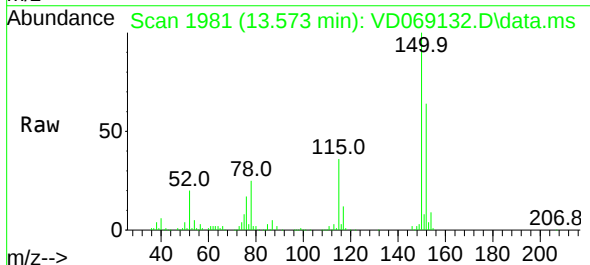
#71
Bromoform
Concen: 4.83 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



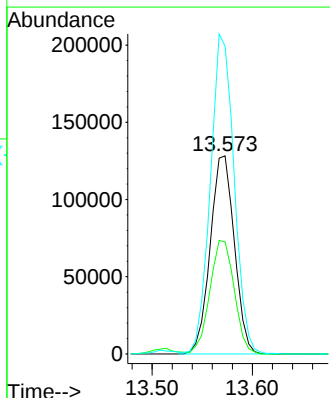
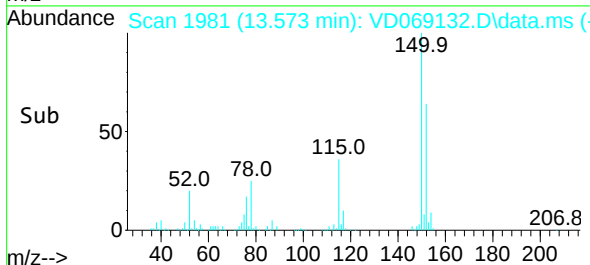
Tgt Ion:173 Resp: 8780
Ion Ratio Lower Upper
173 100
175 46.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



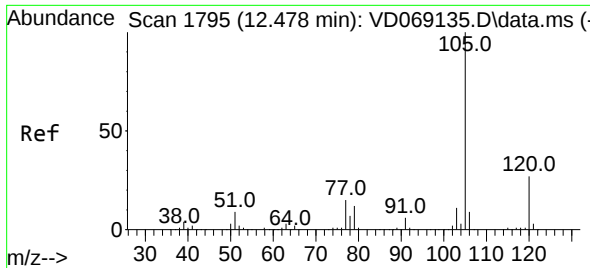
Tgt Ion:152 Resp: 214647
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.8
150 158.4 0.0 350.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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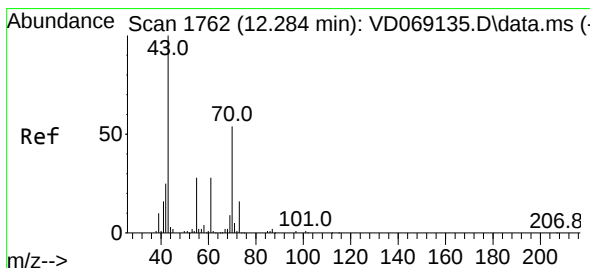
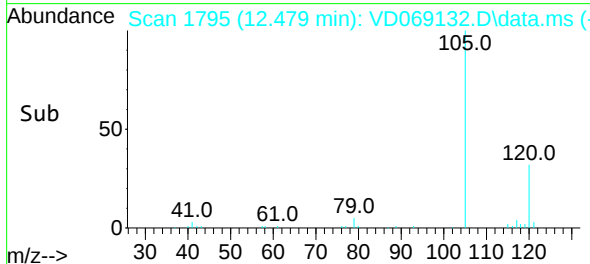
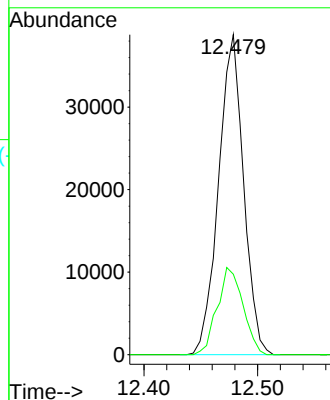
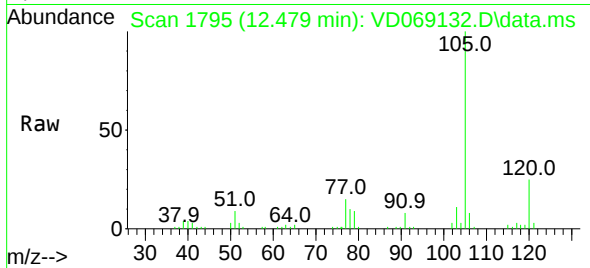
#73
Isopropylbenzene
Concen: 3.95 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 105 Resp: 59324
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

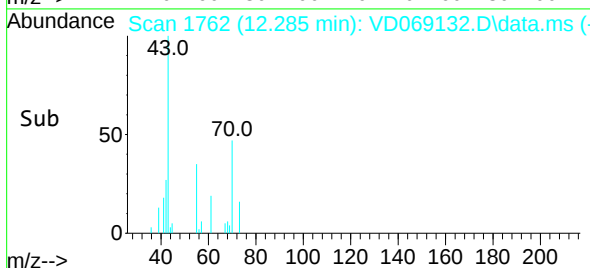
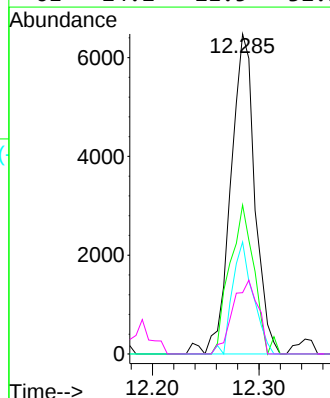
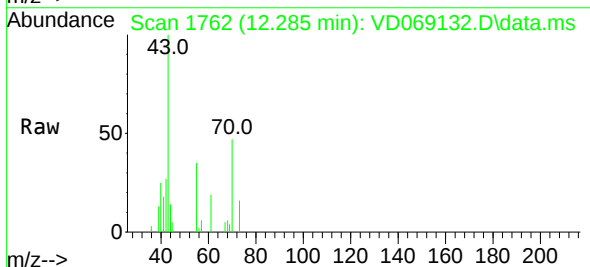
Manual Integrations
APPROVED

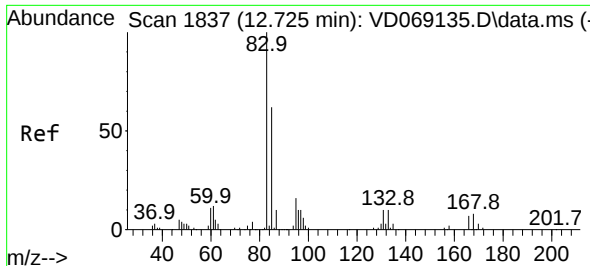
MMDadoda
5/13/2021 4:05:37 PM



#74
N-ethyl acetate
Concen: 4.16 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

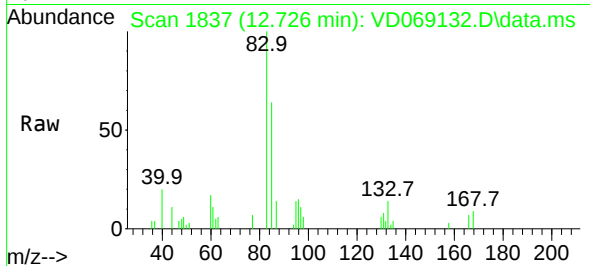
Tgt Ion: 43 Resp: 10218
Ion Ratio Lower Upper
43 100
70 47.1 41.6 62.4
55 29.8 22.6 34.0
61 24.2 21.5 32.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.78 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VD069132.D
 Acq: 12 May 2021 11:37

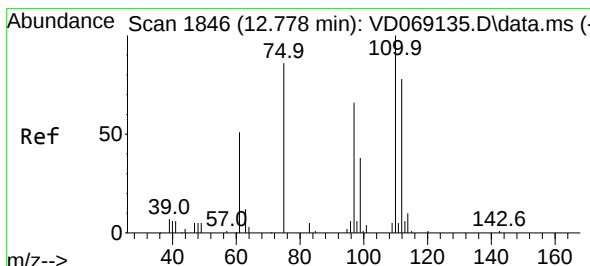
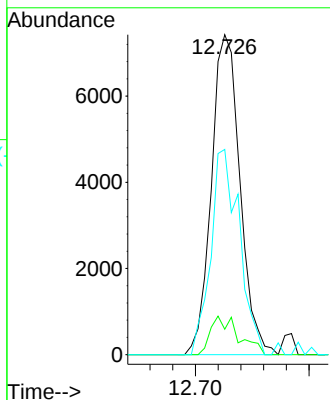
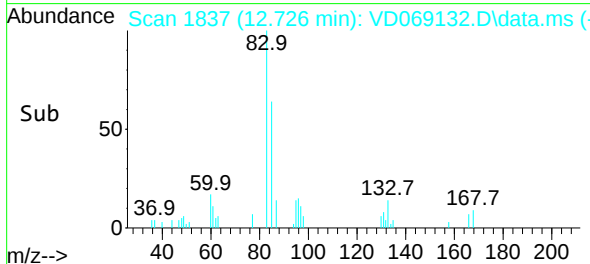
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



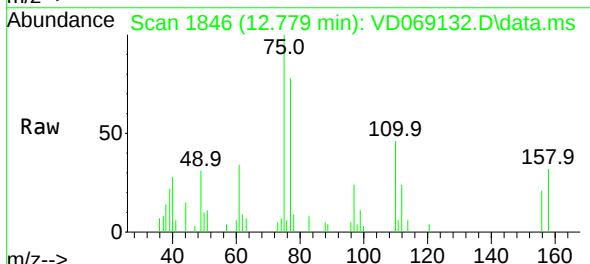
Tgt Ion: 83 Resp: 12983
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.4 16.2
 85 64.2 31.9 95.5

Manual Integrations
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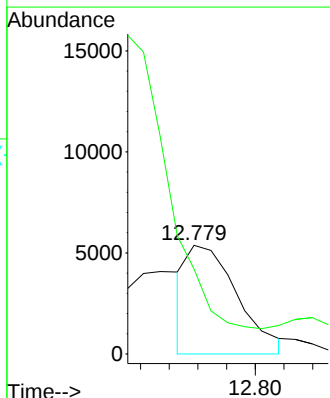
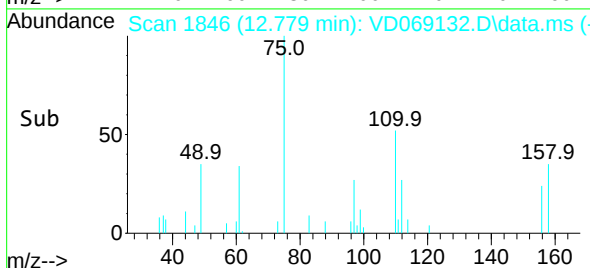
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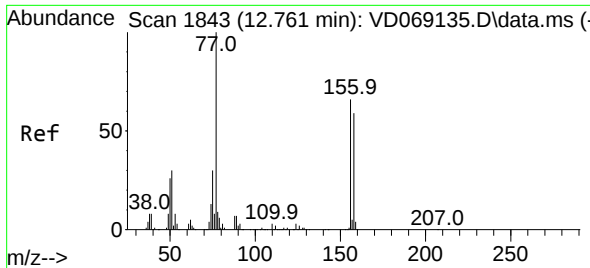


#76
 1,2,3-Trichloropropane
 Concen: 4.05 ug/l m
 RT: 12.779 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VD069132.D
 Acq: 12 May 2021 11:37



Tgt Ion: 75 Resp: 6515
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





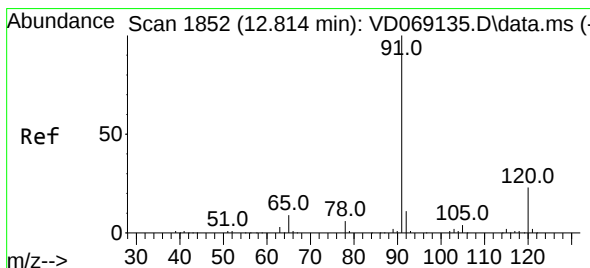
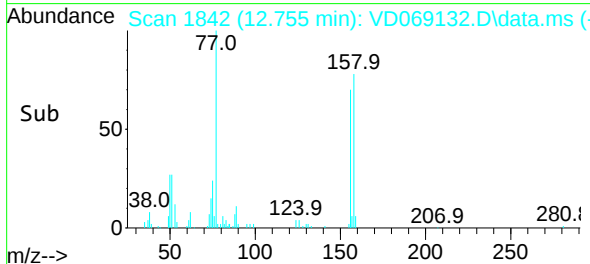
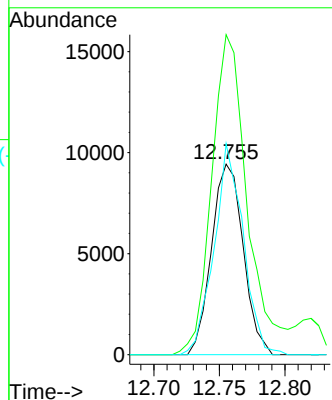
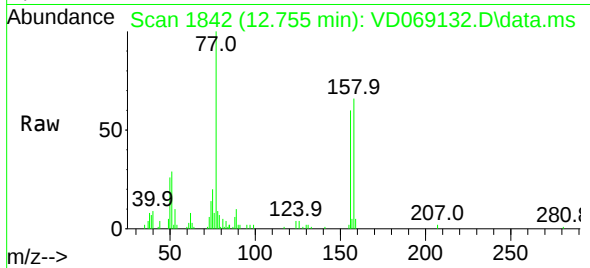
#77
Bromobenzene
Concen: 4.45 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 156 Resp: 15826
Ion Ratio Lower Upper
156 100
77 188.3 85.8 257.3
158 102.0 47.8 143.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

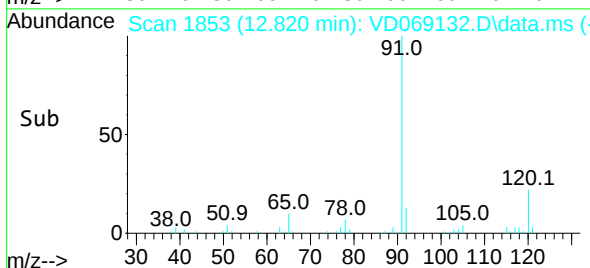
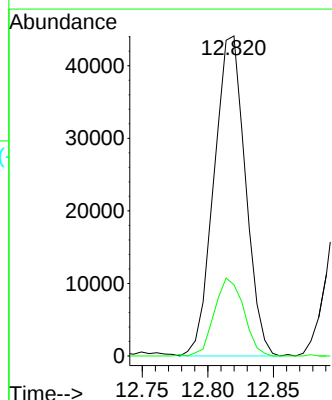
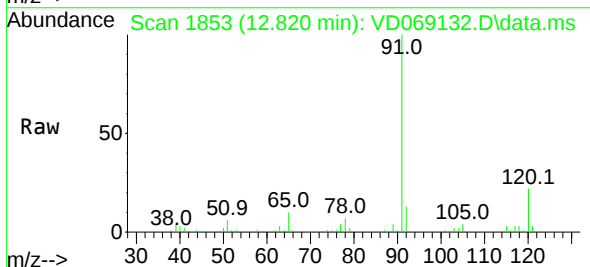
Manual Integrations
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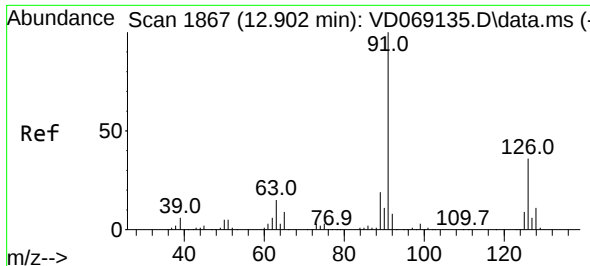
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#78
n-propylbenzene
Concen: 4.06 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 91 Resp: 73462
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





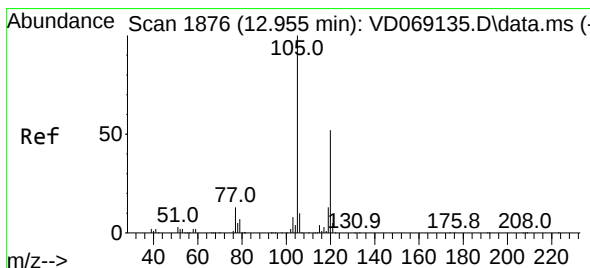
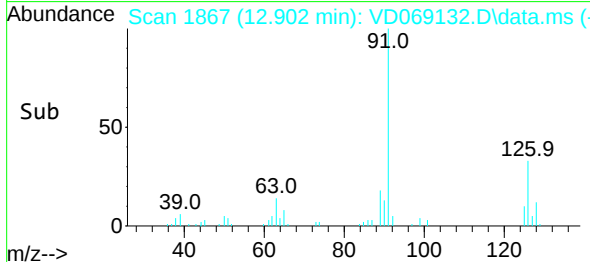
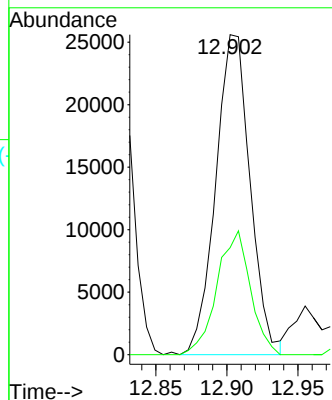
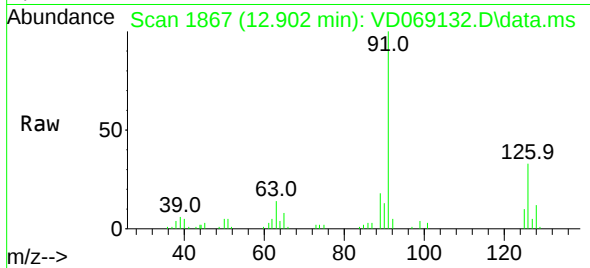
#79
2-Chlorotoluene
Concen: 4.29 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion: 91 Resp: 43198
Ion Ratio Lower Upper
91 100
126 37.4 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

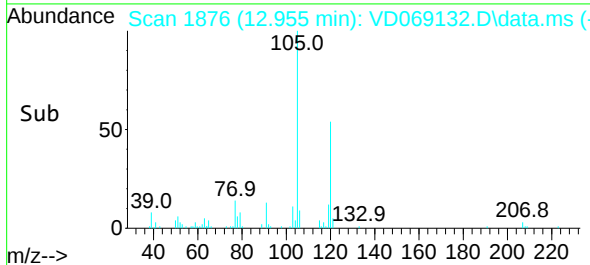
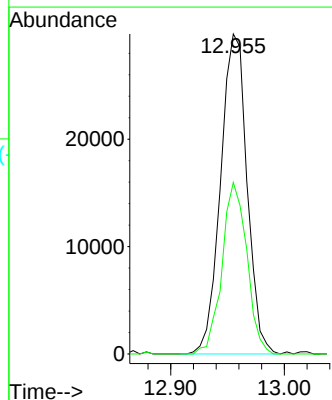
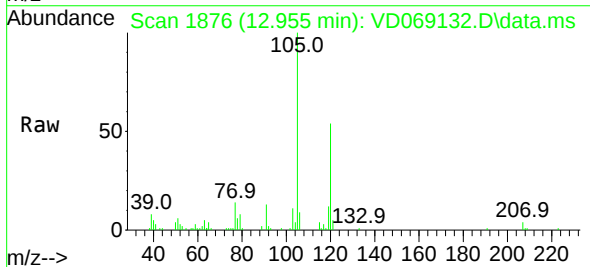
Manual Integrations
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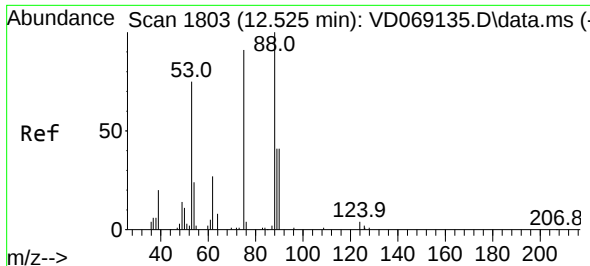
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#80
1,3,5-Trimethylbenzene
Concen: 3.90 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

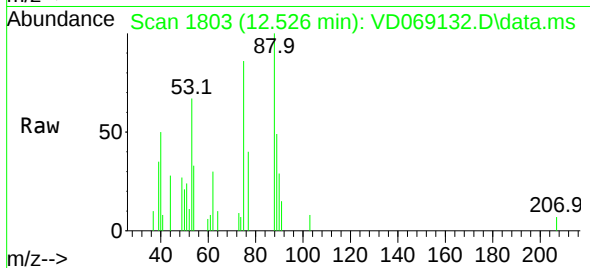
Tgt Ion: 105 Resp: 48217
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.68 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

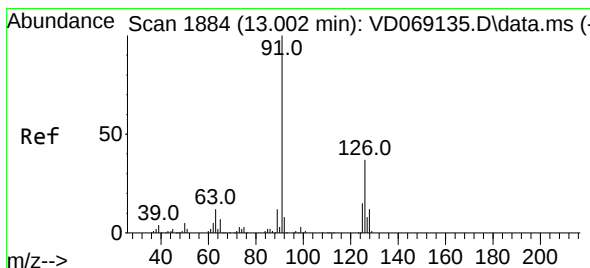
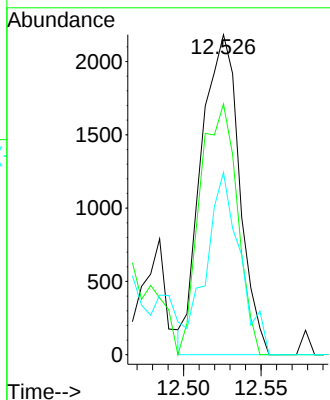
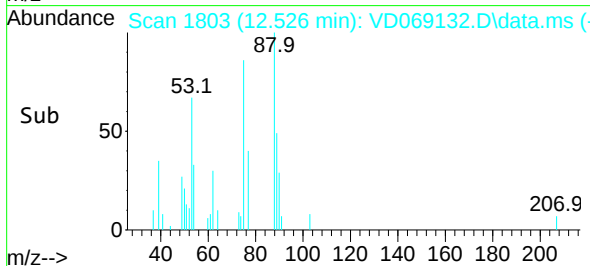
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



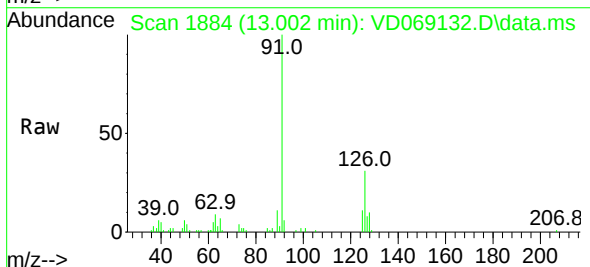
Tgt Ion	Ratio	Lower	Upper
75	100		
53	76.4	70.0	105.0
89	49.3	40.2	60.2

Manual Integrations
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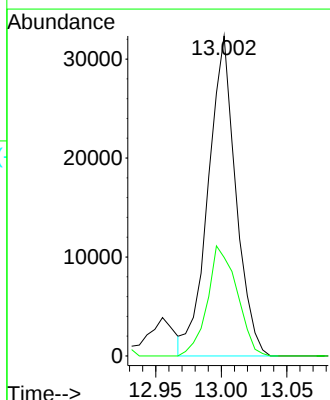
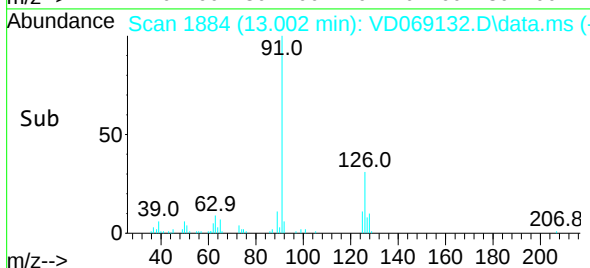
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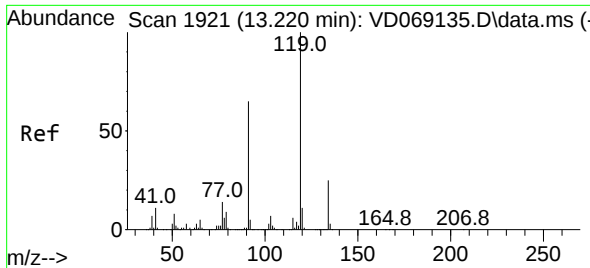


#82
4-Chlorotoluene
Concen: 4.41 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.7	53.1





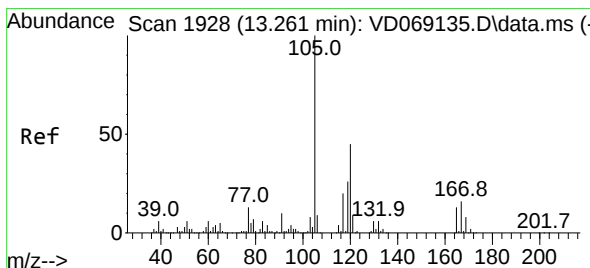
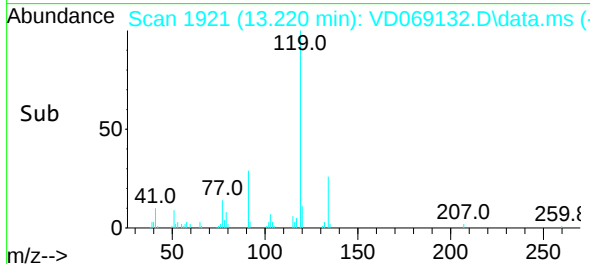
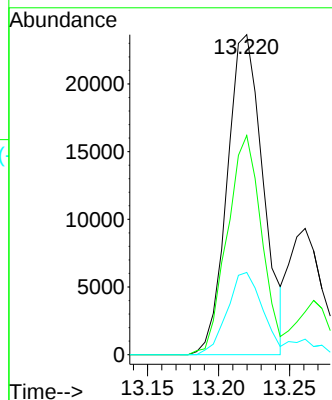
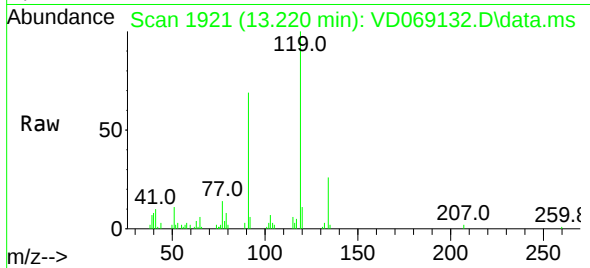
#83
tert-Butylbenzene
Concen: 4.04 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	119	Resp:	41646
Ion Ratio	Lower	Upper	
119	100		
91	66.8	32.5	97.4
134	26.7	13.8	41.3

Instrument :
MSVOA_D
ClientSampleId :
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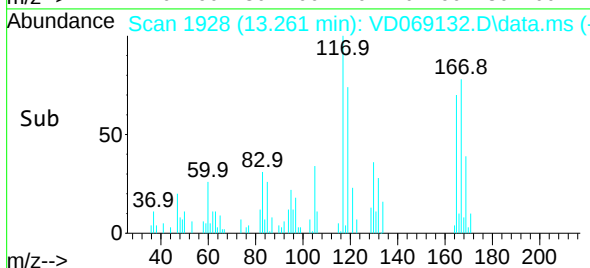
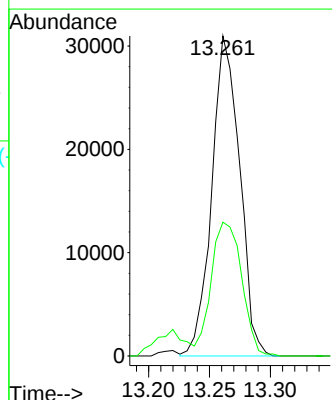
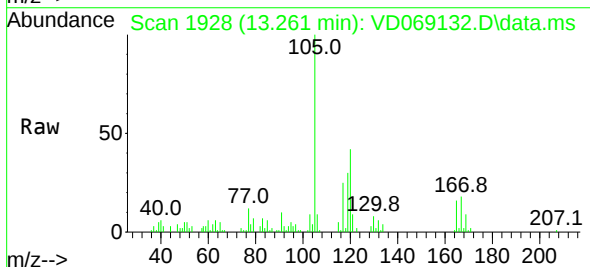
Manual Integrations
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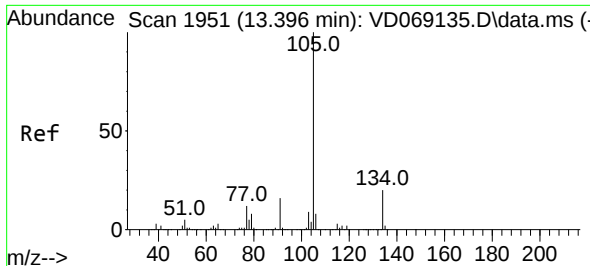
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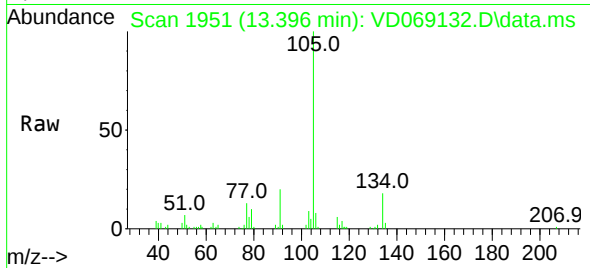
#84
1,2,4-Trimethylbenzene
Concen: 3.96 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	105	Resp:	49328
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.8	68.4

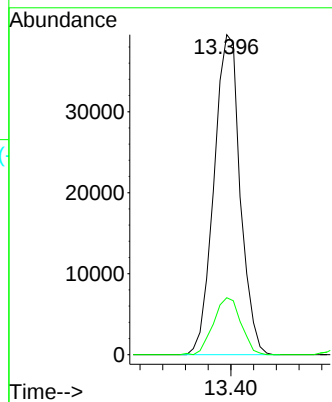
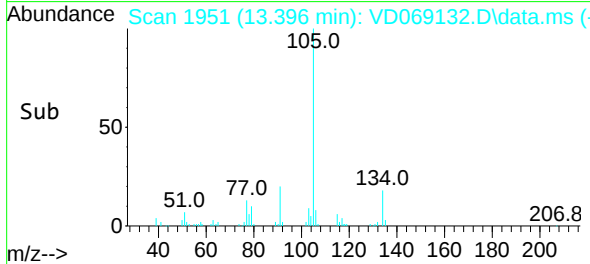




#85
 sec-Butylbenzene
 Concen: 4.09 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069132.D
 Acq: 12 May 2021 11:37



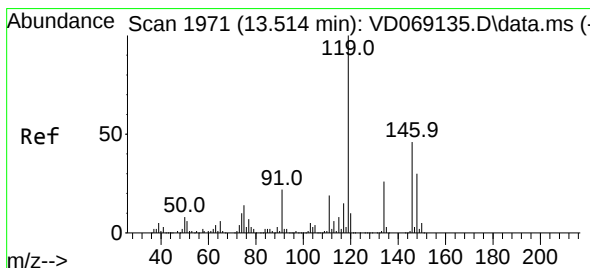
Tgt Ion:105 Resp: 63348
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.3 30.8



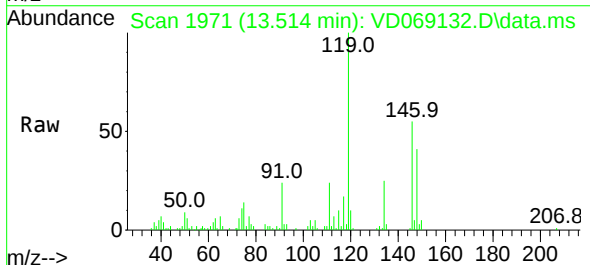
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

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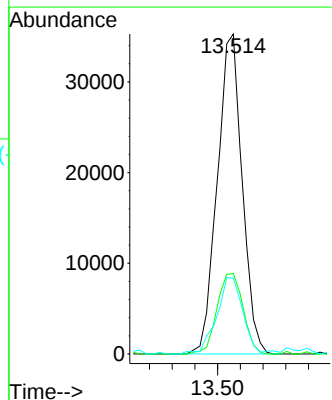
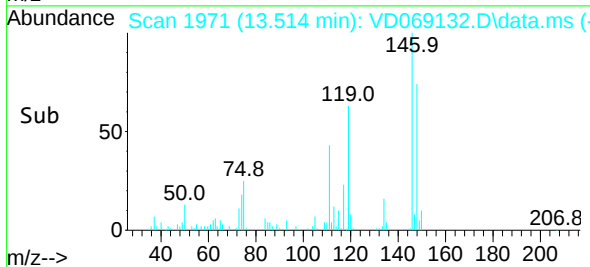
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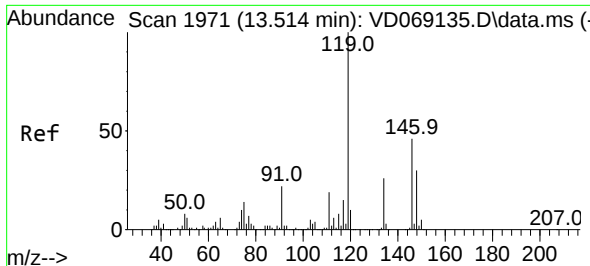


#86
 p-Isopropyltoluene
 Concen: 3.93 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD069132.D
 Acq: 12 May 2021 11:37

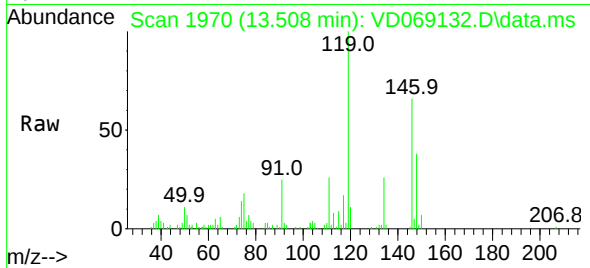


Tgt Ion:119 Resp: 53565
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 25.2 11.3 33.9

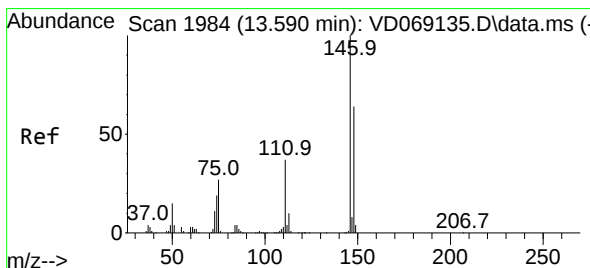
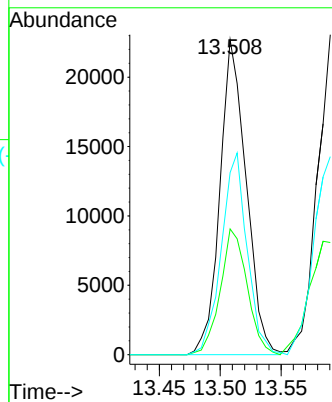
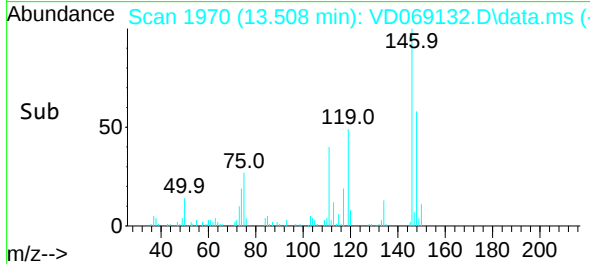




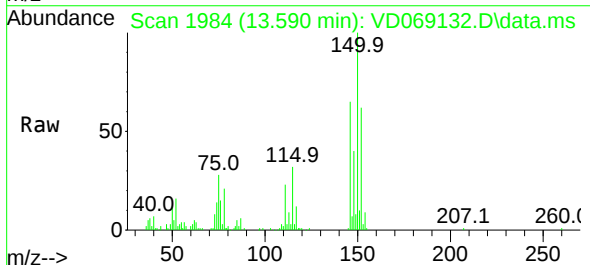
#87
1,3-Dichlorobenzene
Concen: 4.73 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



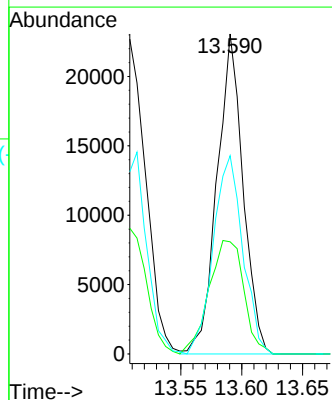
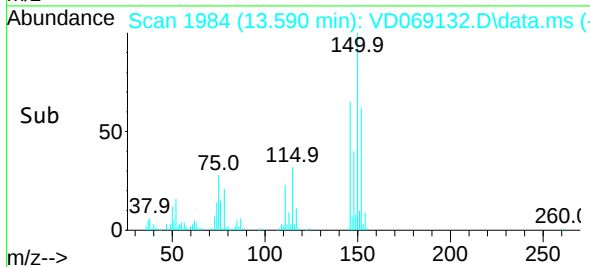
Tgt Ion:146 Resp: 34075
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.6
148 63.0 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 4.81 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



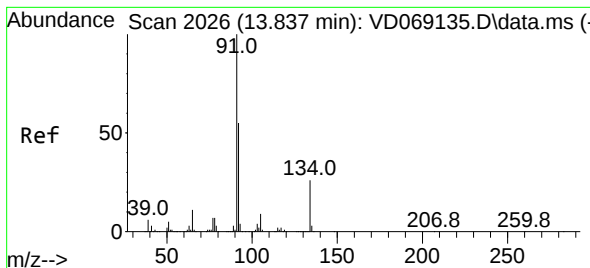
Tgt Ion:146 Resp: 34291
Ion Ratio Lower Upper
146 100
111 47.3 19.4 58.2
148 70.1 32.4 97.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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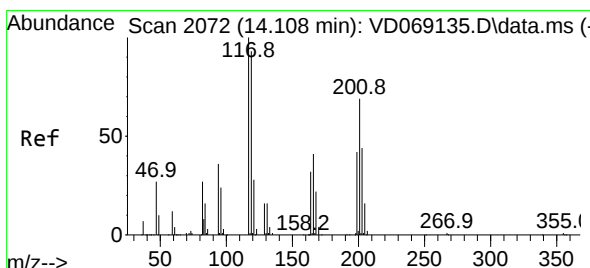
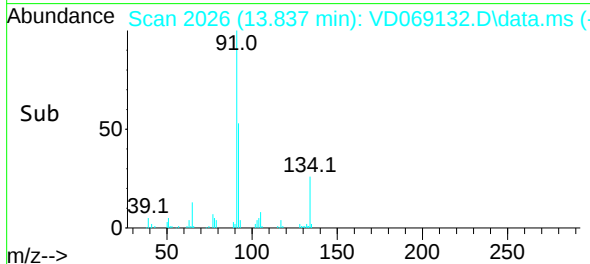
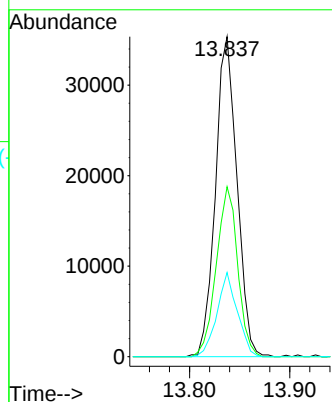
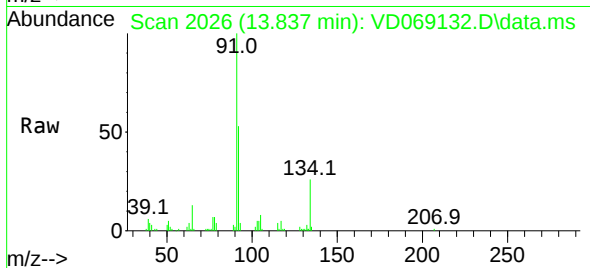
#89
n-Butylbenzene
Concen: 4.15 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	25.0	13.0	39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

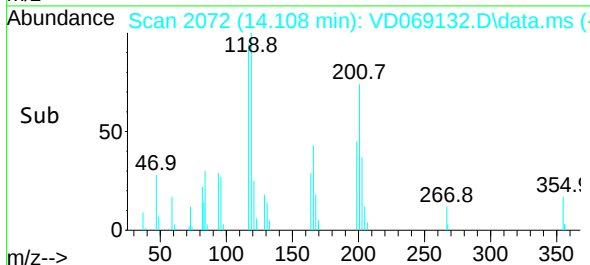
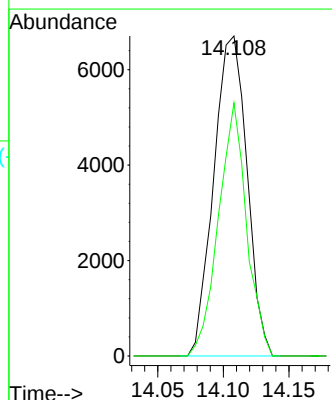
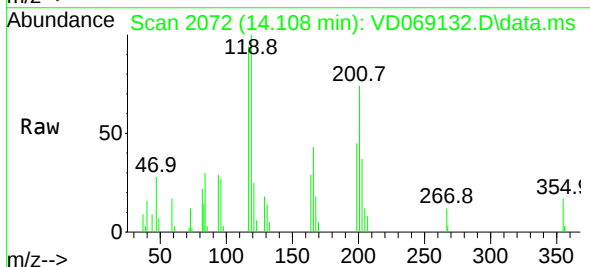
Manual Integrations
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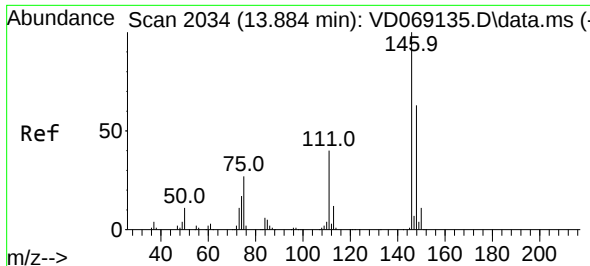
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#90
Hexachloroethane
Concen: 4.63 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	35.4	106.1





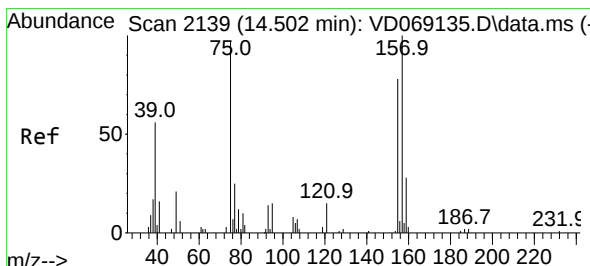
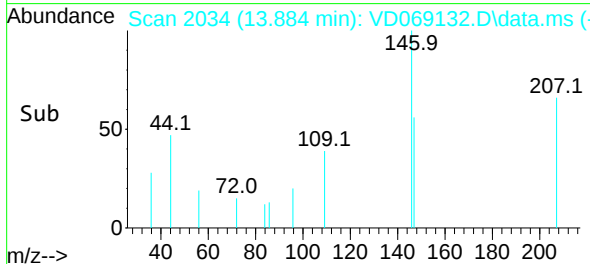
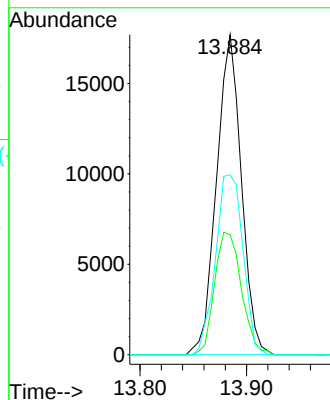
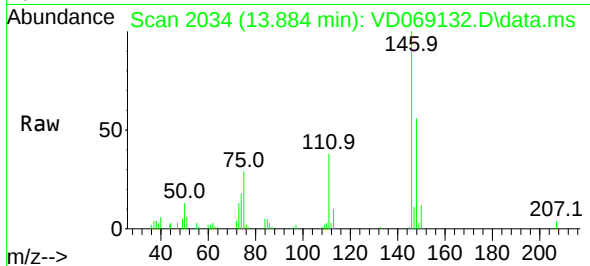
#91
1,2-Dichlorobenzene
Concen: 4.63 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	146	Resp:	28647
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.3	61.0
148	62.3	31.3	93.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

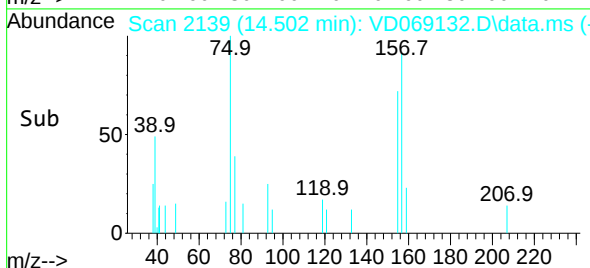
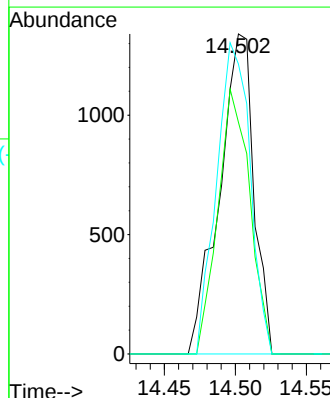
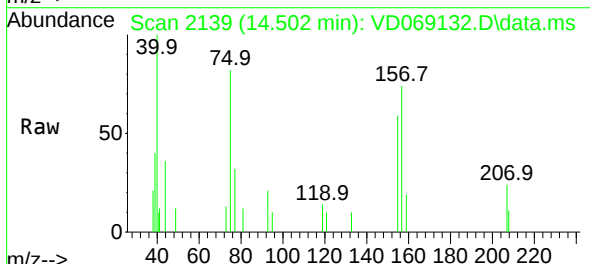
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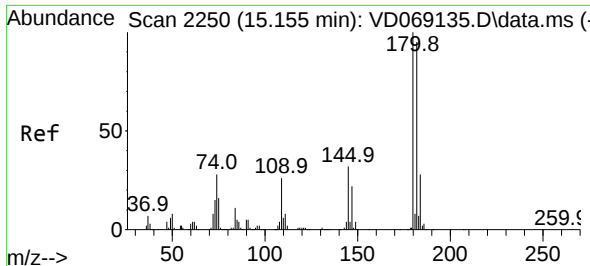
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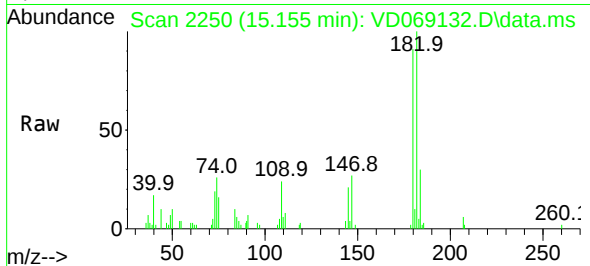
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.36 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37

Tgt Ion:	75	Resp:	2261
Ion Ratio	Lower	Upper	
75	100		
155	76.7	43.9	131.7
157	94.5	54.9	164.7

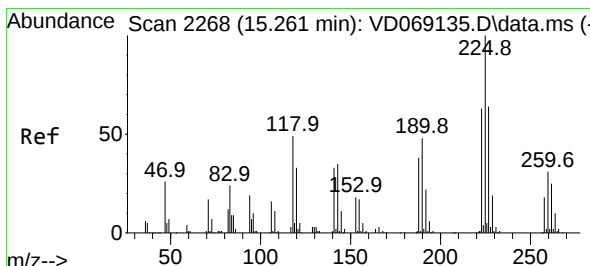
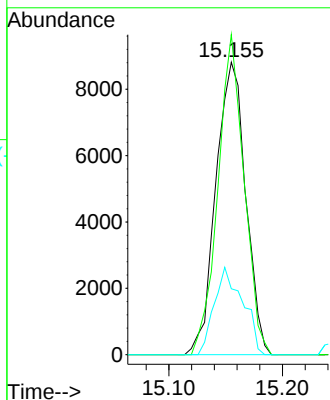
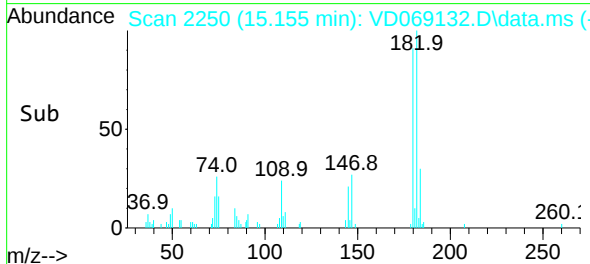




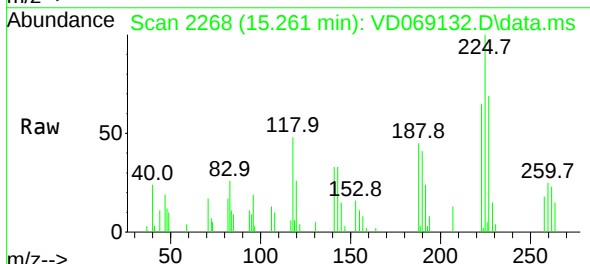
#93
1,2,4-Trichlorobenzene
Concen: 4.25 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



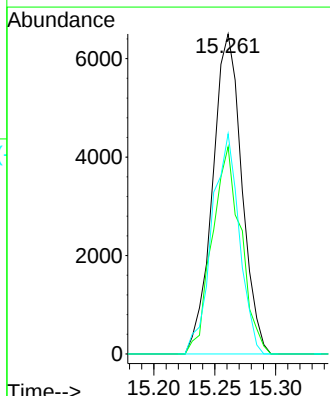
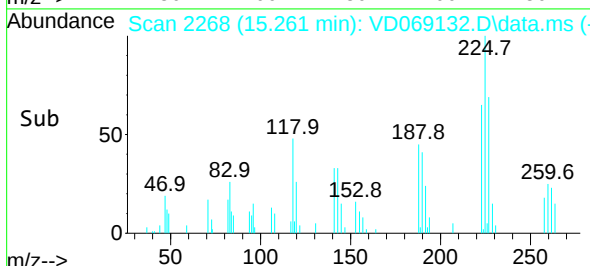
Tgt Ion:180 Resp: 16117
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 28.5 15.6 46.8



#94
Hexachlorobutadiene
Concen: 4.77 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



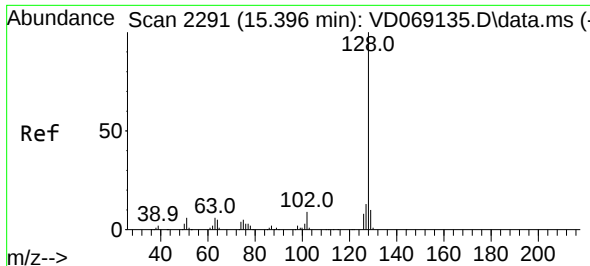
Tgt Ion:225 Resp: 10850
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.5
227 64.7 31.6 95.0



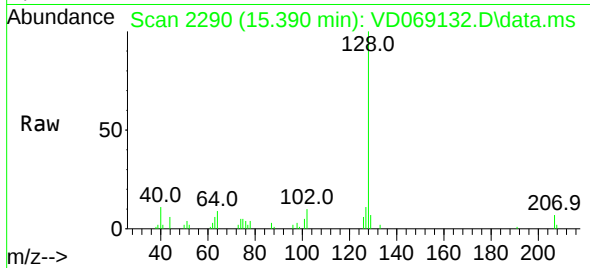
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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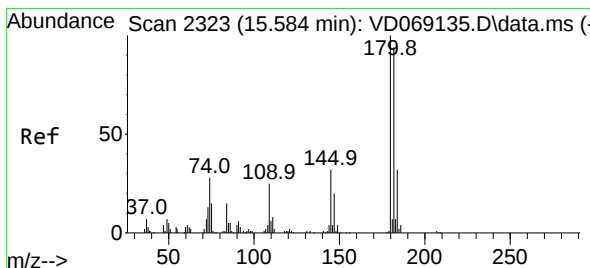
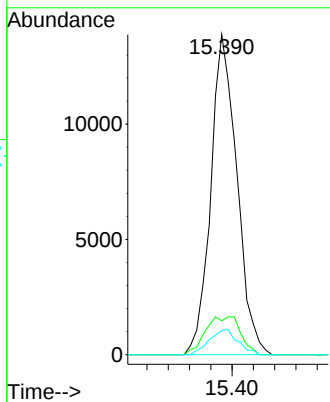
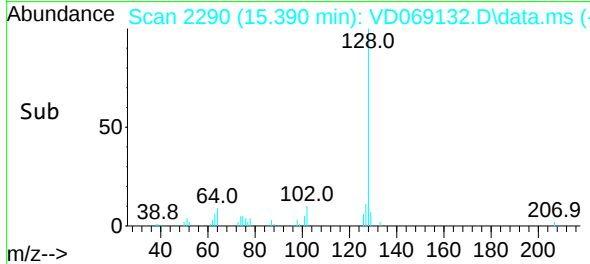
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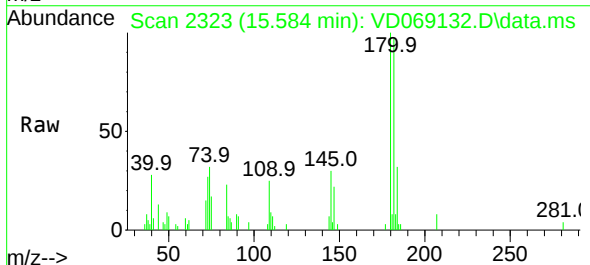
#95
Naphthalene
Concen: 3.72 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



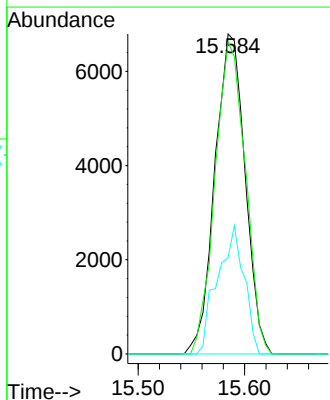
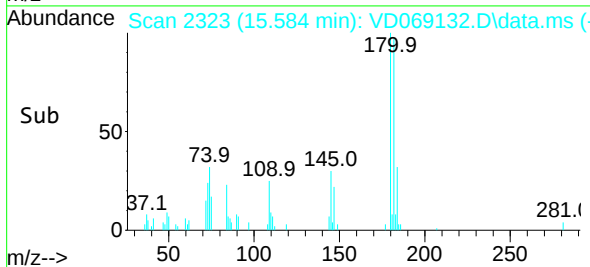
Tgt Ion:128 Resp: 23634
Ion Ratio Lower Upper
128 100
127 16.0 10.5 15.7#
129 8.5 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 4.12 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069132.D
Acq: 12 May 2021 11:37



Tgt Ion:180 Resp: 13371
Ion Ratio Lower Upper
180 100
182 98.0 47.8 143.4
145 35.4 16.1 48.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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