

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069134.D
 Acq On : 12 May 2021 12:33
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: May 13 03:32:44 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	286019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	477973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	449774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	223363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	60726	21.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.36%#		
35) Dibromofluoromethane	7.920	113	64049	20.59	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.18%#		
50) Toluene-d8	10.337	98	233953	20.47	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.94%#		
62) 4-Bromofluorobenzene	12.625	95	71794	19.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	64138	21.09	ug/l	98
3) Chloromethane	2.214	50	74282	21.25	ug/l	92
4) Vinyl Chloride	2.349	62	93409	20.28	ug/l	99
5) Bromomethane	2.755	94	67367	19.44	ug/l	99
6) Chloroethane	2.920	64	60266	20.34	ug/l	100
7) Trichlorofluoromethane	3.273	101	117486	20.90	ug/l	98
8) Diethyl Ether	3.708	74	25325	19.74	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	66231	20.79	ug/l	99
10) Methyl Iodide	4.302	142	57054	18.79	ug/l	99
11) Tert butyl alcohol	5.220	59	16772	85.58	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	57522	20.10	ug/l #	87
13) Acrolein	3.932	56	21802	93.45	ug/l	95
14) Allyl chloride	4.720	41	62308	19.85	ug/l	98
15) Acrylonitrile	5.420	53	48325	100.92	ug/l	97
16) Acetone	4.167	43	42597	97.00	ug/l	98
17) Carbon Disulfide	4.414	76	196024	20.66	ug/l	95
18) Methyl Acetate	4.714	43	21016	19.70	ug/l	93
19) Methyl tert-butyl Ether	5.485	73	103417	19.92	ug/l	97
20) Methylene Chloride	4.967	84	90789	19.53	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	69019	20.34	ug/l	98
22) Diisopropyl ether	6.361	45	127338	20.31	ug/l	97
23) Vinyl Acetate	6.302	43	358057	96.77	ug/l	98
24) 1,1-Dichloroethane	6.267	63	111726	20.63	ug/l	94
25) 2-Butanone	7.214	43	57216	96.15	ug/l	94
26) 2,2-Dichloropropane	7.208	77	99781	19.70	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	75131	20.39	ug/l	95
28) Bromochloromethane	7.543	49	38563	19.97	ug/l	95
29) Tetrahydrofuran	7.561	42	31968	98.82	ug/l	98
30) Chloroform	7.708	83	124717	20.45	ug/l	100
31) Cyclohexane	7.990	56	81963	19.29	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	110450	19.96	ug/l	98
36) 1,1-Dichloropropene	8.114	75	91602	19.71	ug/l	100
37) Ethyl Acetate	7.296	43	29455	19.73	ug/l #	76
38) Carbon Tetrachloride	8.096	117	105451	20.30	ug/l	93
39) Methylcyclohexane	9.355	83	94683	19.32	ug/l	94
40) Benzene	8.355	78	263852	19.82	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13586	18.49	ug/l #	89
42) 1,2-Dichloroethane	8.426	62	71499	19.67	ug/l	99
43) Isopropyl Acetate	8.449	43	49827	18.38	ug/l	97
44) Trichloroethene	9.114	130	74062	19.91	ug/l	95
45) 1,2-Dichloropropane	9.384	63	61576	19.60	ug/l	95
46) Dibromomethane	9.473	93	35893	19.11	ug/l	98
47) Bromodichloromethane	9.661	83	94944	19.87	ug/l	99
48) Methyl methacrylate	9.455	41	22232	17.73	ug/l	90
49) 1,4-Dioxane	9.461	88	7301	413.34	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	131095	93.98	ug/l	97
52) Toluene	10.402	92	169045	19.68	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	81645	19.44	ug/l	100
54) cis-1,3-Dichloropropene	10.090	75	99332	19.79	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	50360	19.89	ug/l	96
56) Ethyl methacrylate	10.661	69	46478	18.39	ug/l #	92
57) 1,3-Dichloropropane	10.949	76	79583	19.45	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.943	63	125176	99.89	ug/l	100
59) 2-Hexanone	10.984	43	88122	94.67	ug/l	96
60) Dibromochloromethane	11.137	129	62888	19.34	ug/l	96
61) 1,2-Dibromoethane	11.243	107	50075	20.02	ug/l	96
64) Tetrachloroethene	10.873	164	62278	19.92	ug/l	96
65) Chlorobenzene	11.667	112	184178	19.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	70593	20.08	ug/l	98
67) Ethyl Benzene	11.743	91	310081	19.33	ug/l	94
68) m/p-Xylenes	11.849	106	250362	39.82	ug/l	99
69) o-Xylene	12.178	106	110279	19.72	ug/l	100
70) Styrene	12.190	104	195887	20.07	ug/l	98
71) Bromoform	12.361	173	35236	19.27	ug/l #	100
73) Isopropylbenzene	12.478	105	295861	18.95	ug/l	100
74) N-amyl acetate	12.284	43	47431	18.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.725	83	54033	19.10	ug/l	96
76) 1,2,3-Trichloropropane	12.778	75	34623m	20.70	ug/l	
77) Bromobenzene	12.755	156	72180	19.48	ug/l	98
78) n-propylbenzene	12.820	91	367053	19.49	ug/l	100
79) 2-Chlorotoluene	12.902	91	207972	19.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	256289	19.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	15960	19.20	ug/l	95
82) 4-Chlorotoluene	13.002	91	221587	19.85	ug/l	98
83) tert-Butylbenzene	13.220	119	205511	19.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	255337	19.72	ug/l	100
85) sec-Butylbenzene	13.396	105	317249	19.67	ug/l	99
86) p-Isopropyltoluene	13.514	119	271929	19.19	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	147170	19.63	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	146870	19.78	ug/l	99
89) n-Butylbenzene	13.837	91	251392	19.04	ug/l	99
90) Hexachloroethane	14.108	117	52846	19.90	ug/l	98
91) 1,2-Dichlorobenzene	13.884	146	125573	19.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	7901	17.99	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	72106	18.27	ug/l	100
94) Hexachlorobutadiene	15.261	225	42686	18.03	ug/l	94
95) Naphthalene	15.396	128	118517	17.93	ug/l	98
96) 1,2,3-Trichlorobenzene	15.584	180	65101	19.28	ug/l	96

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

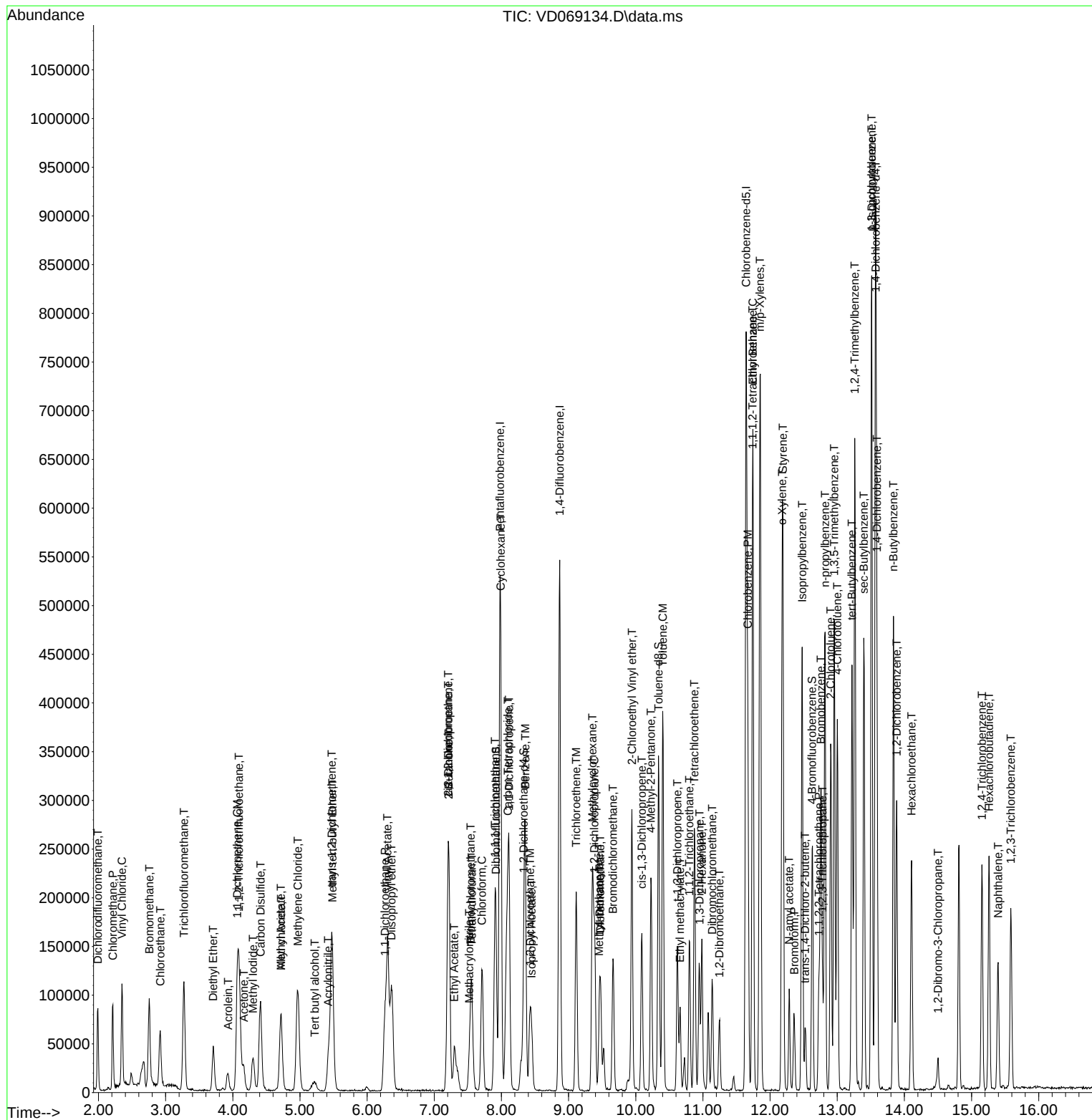
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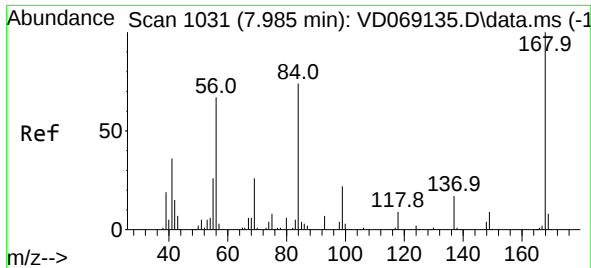
Instrument :
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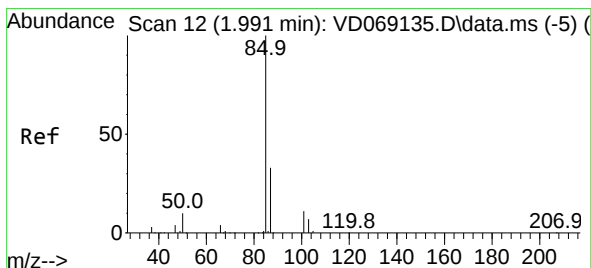
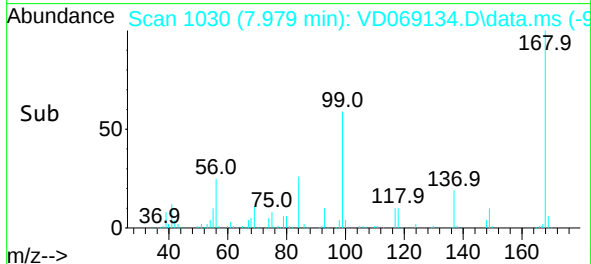
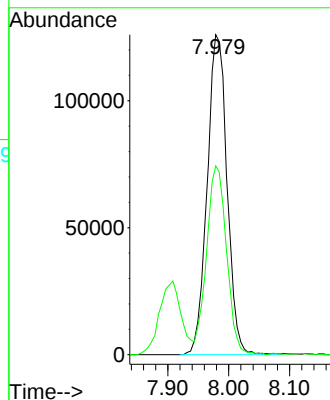
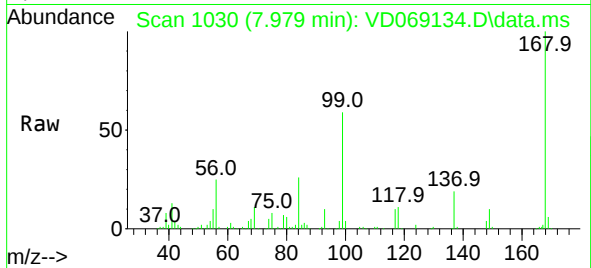
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 168 Resp: 286019
Ion Ratio Lower Upper
168 100
99 58.9 47.2 70.8

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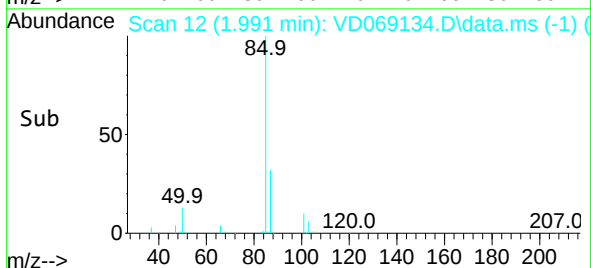
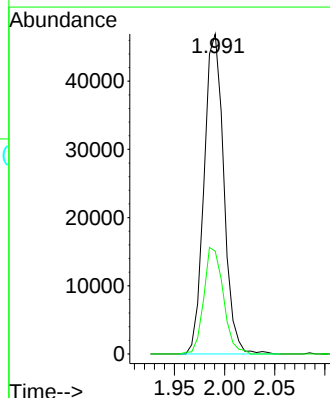
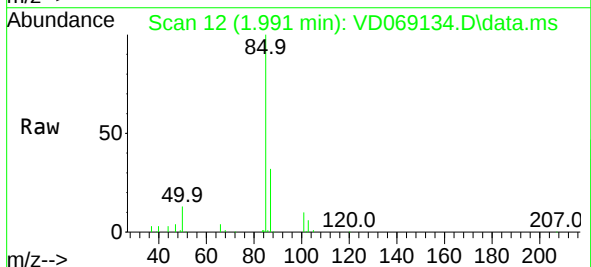
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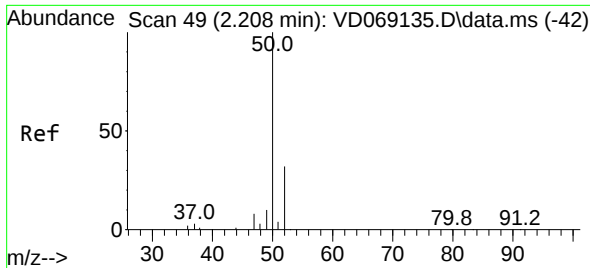
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#2
Dichlorodifluoromethane
Concen: 21.09 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

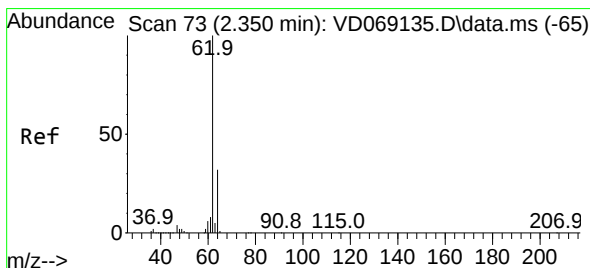
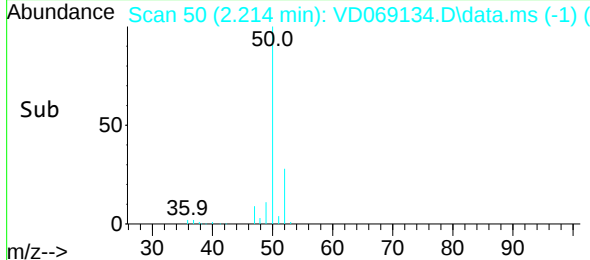
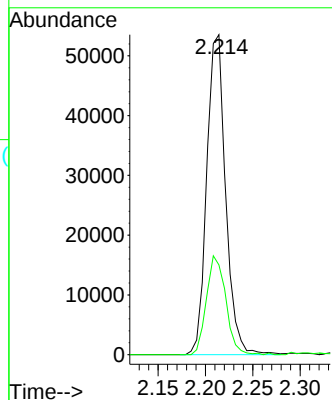
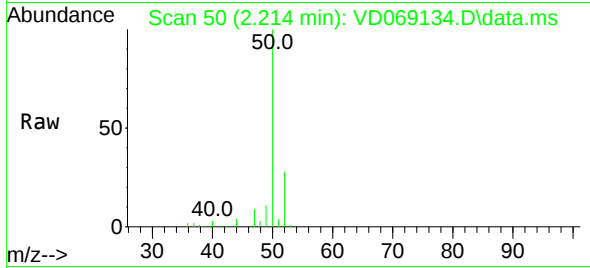
Tgt Ion: 85 Resp: 64138
Ion Ratio Lower Upper
85 100
87 32.1 16.5 49.5





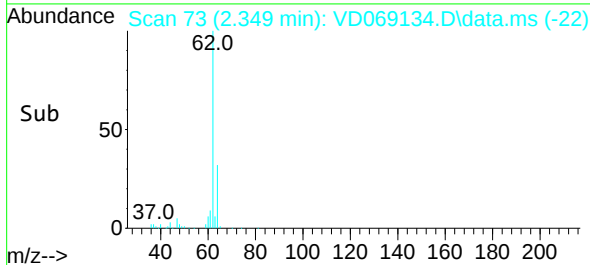
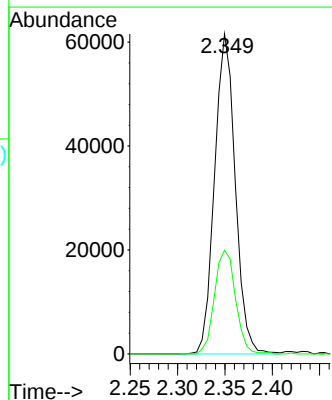
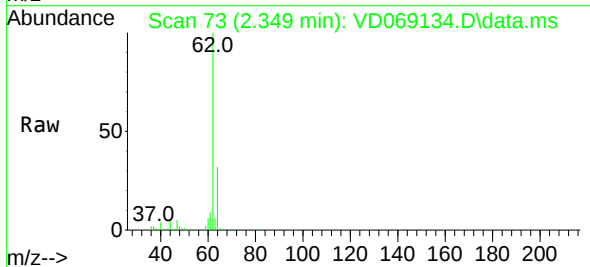
#3
Chloromethane
Concen: 21.25 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 50 Resp: 74282
Ion Ratio Lower Upper
50 100
52 28.0 25.8 38.8



#4
Vinyl Chloride
Concen: 20.28 ug/l
RT: 2.349 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

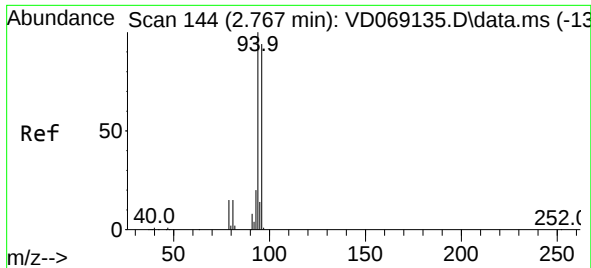
Tgt Ion: 62 Resp: 93409
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9



Instrument :
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VSTDIC020

Manual Integrations
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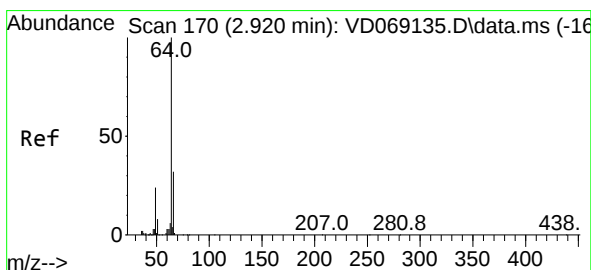
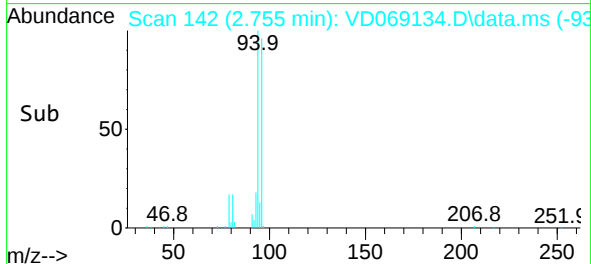
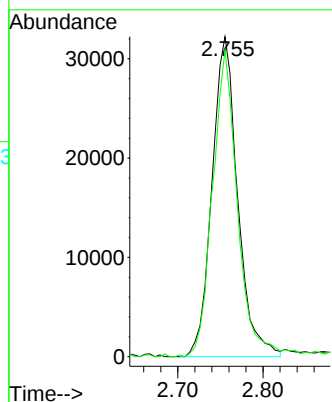
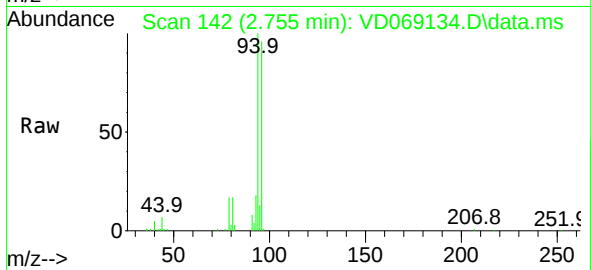
#5
Bromomethane
Concen: 19.44 ug/l
RT: 2.755 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 67367
Ion Ratio Lower Upper
94 100
96 95.1 75.4 113.0

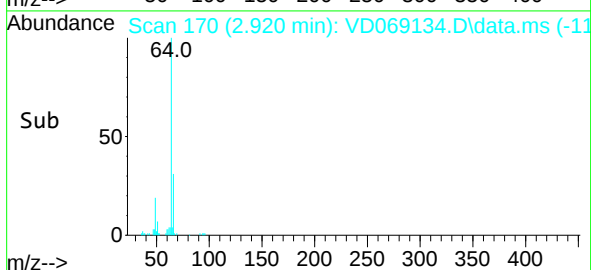
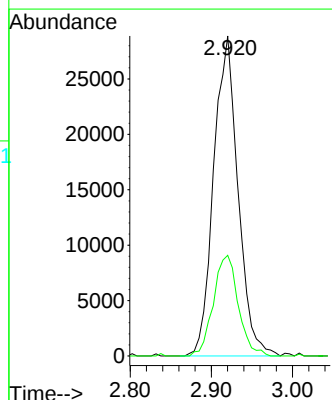
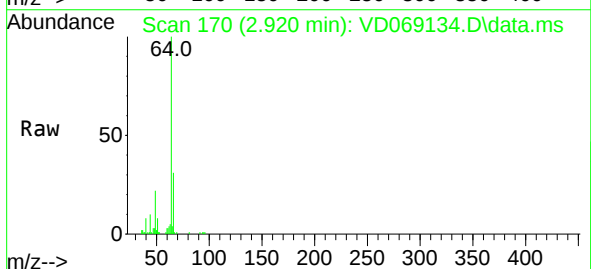
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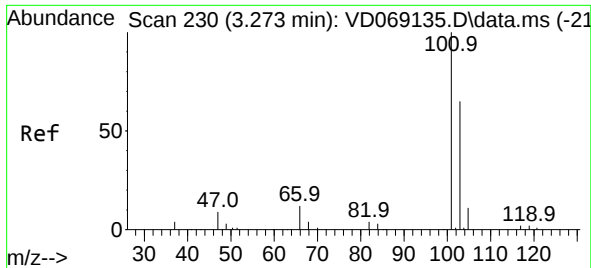
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#6
Chloroethane
Concen: 20.34 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 64 Resp: 60266
Ion Ratio Lower Upper
64 100
66 31.5 25.2 37.8





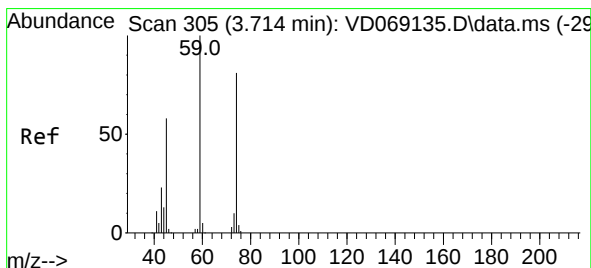
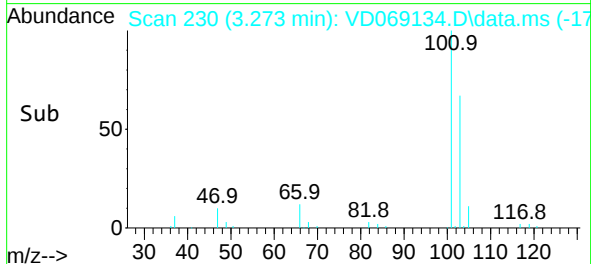
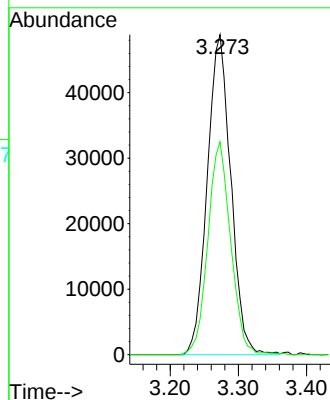
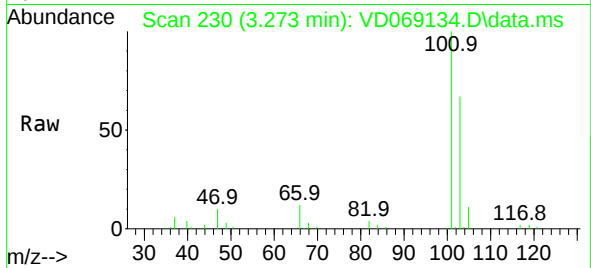
#7
 Trichlorofluoromethane
 Concen: 20.90 ug/l
 RT: 3.273 min Scan# 230
 Delta R.T. -0.000 min
 Lab File: VD069134.D
 Acq: 12 May 2021 12:33

Tgt Ion:101 Resp: 117486
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.9 77.9

Instrument :
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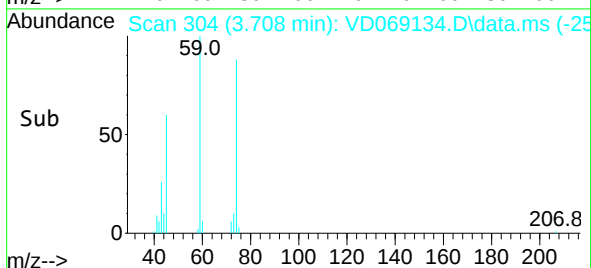
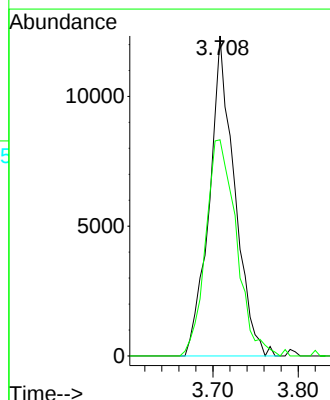
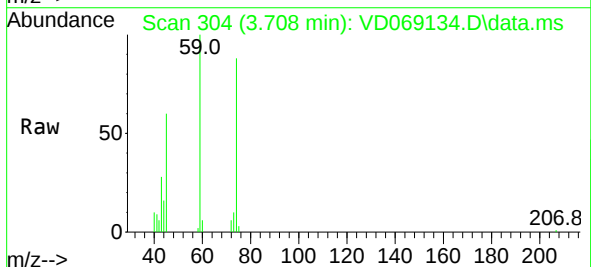
Manual Integrations
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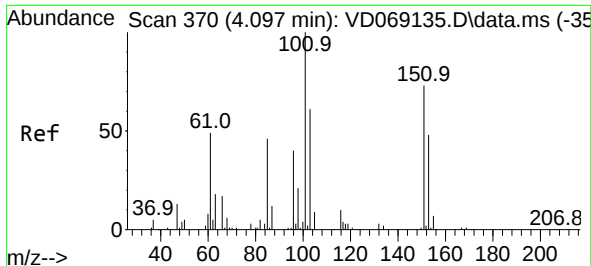
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#8
 Diethyl Ether
 Concen: 19.74 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD069134.D
 Acq: 12 May 2021 12:33

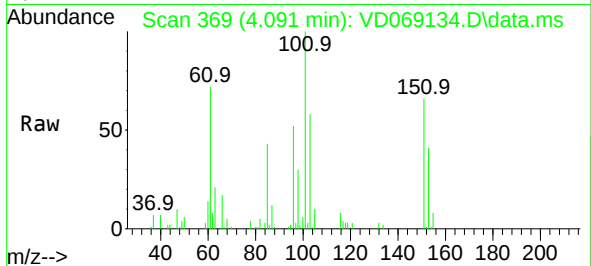
Tgt Ion: 74 Resp: 25325
 Ion Ratio Lower Upper
 74 100
 45 82.2 38.1 114.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.79 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

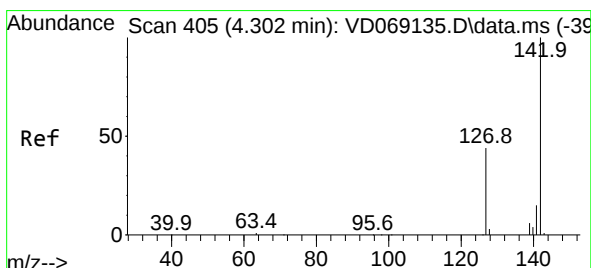
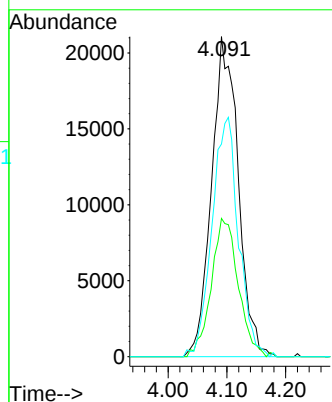
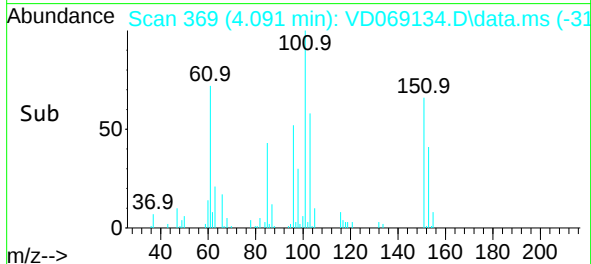
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



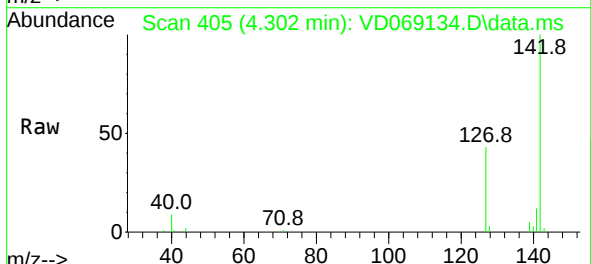
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.2	52.8
151	74.6	60.6	91.0

Manual Integrations
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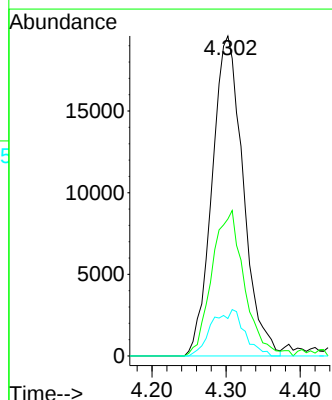
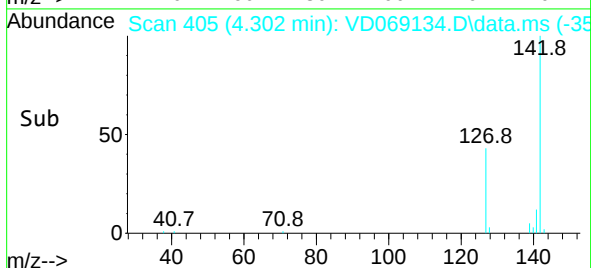
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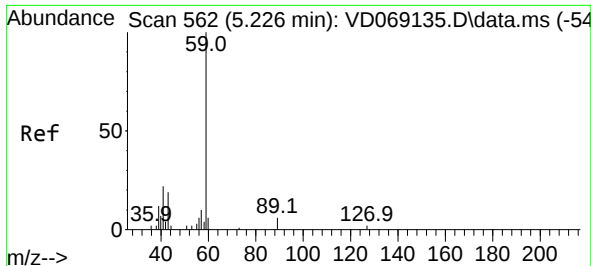


#10
Methyl Iodide
Concen: 18.79 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



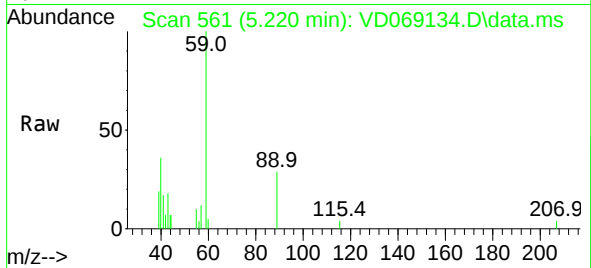
Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.3	55.9
141	15.4	12.2	18.4





#11
Tert butyl alcohol
Concen: 85.58 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

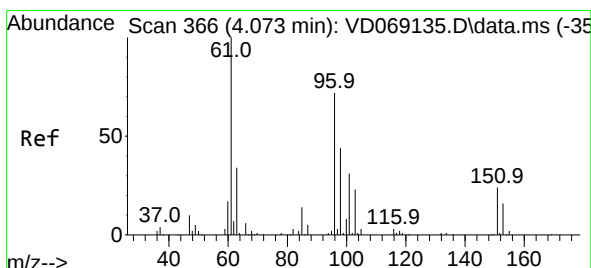
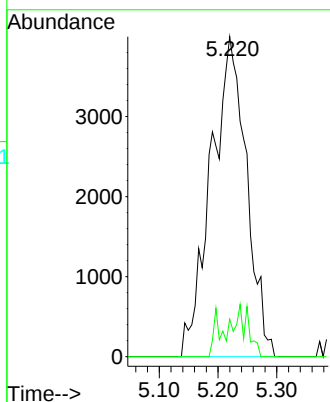
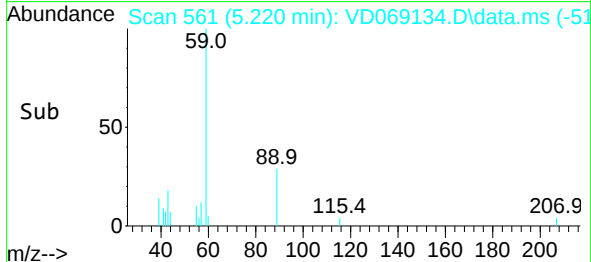
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



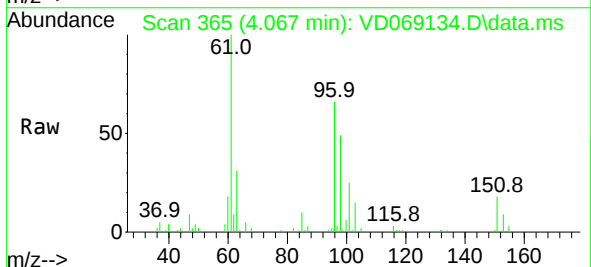
Tgt Ion: 59 Resp: 16772
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#

Manual Integrations
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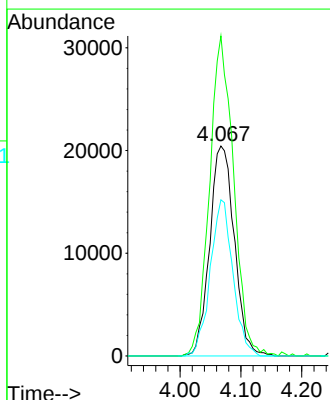
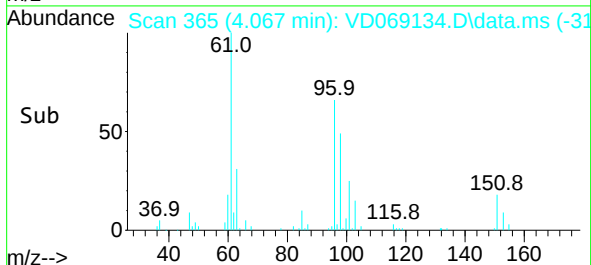
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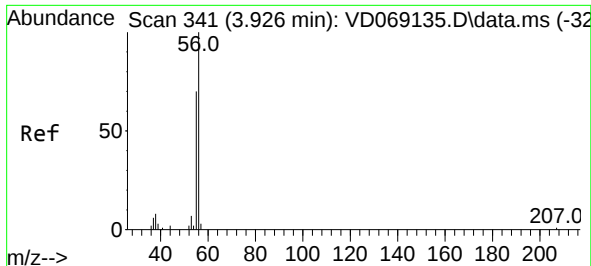


#12
1,1-Dichloroethene
Concen: 20.10 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



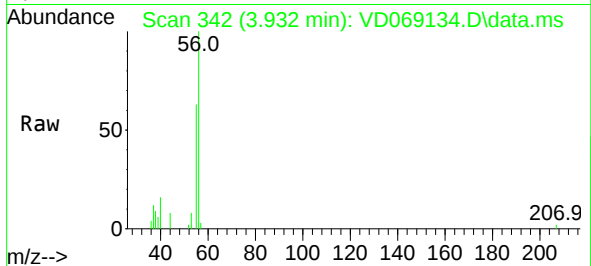
Tgt Ion: 96 Resp: 57522
Ion Ratio Lower Upper
96 100
61 152.4 111.1 166.7
98 74.4 48.4 72.6#





#13
Acrolein
Concen: 93.45 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

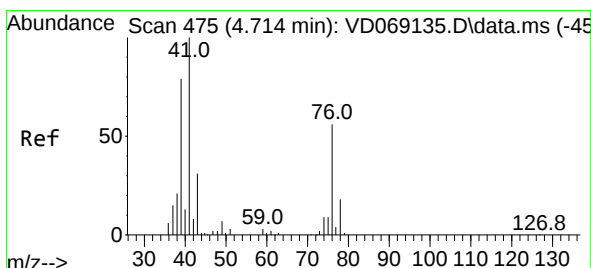
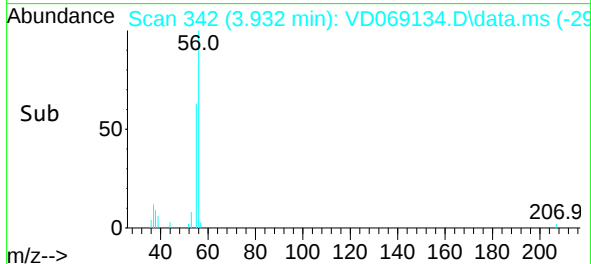
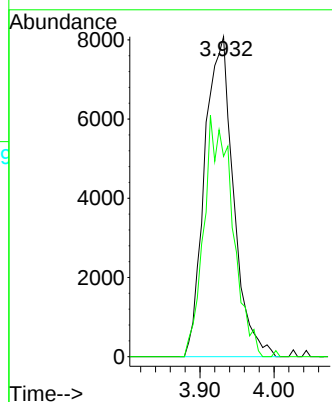
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 21802
Ion Ratio Lower Upper
56 100
55 74.8 56.9 85.3

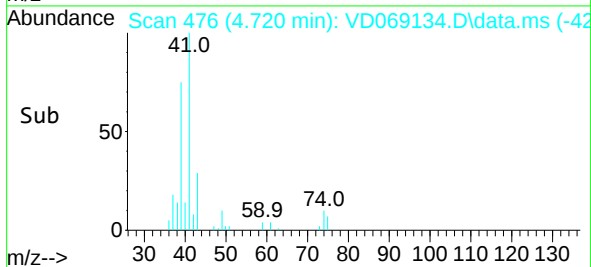
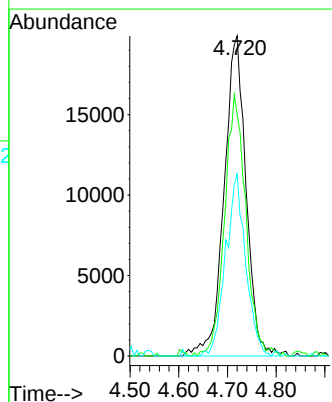
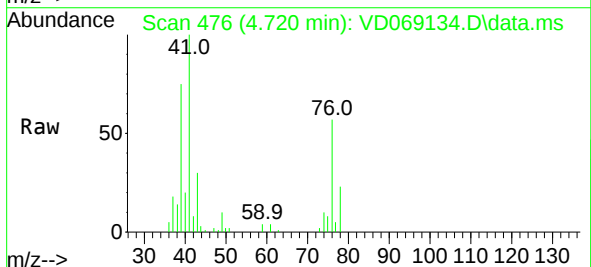
Manual Integrations
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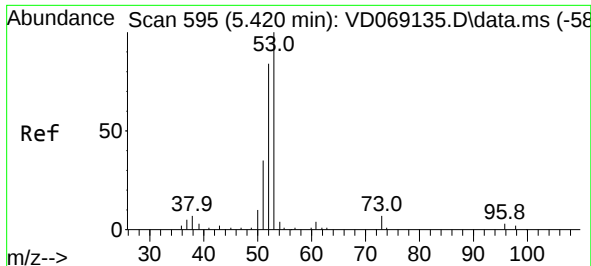
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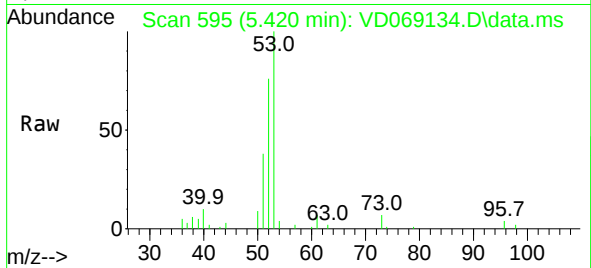
#14
Allyl chloride
Concen: 19.85 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 41 Resp: 62308
Ion Ratio Lower Upper
41 100
39 79.1 64.3 96.5
76 51.9 43.6 65.4

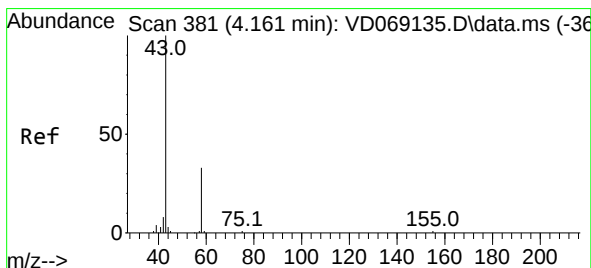
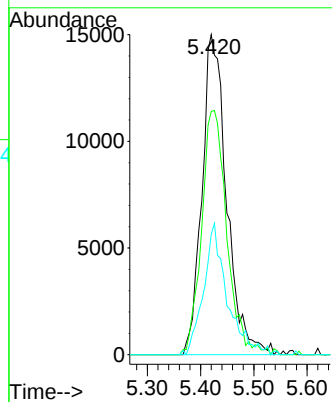
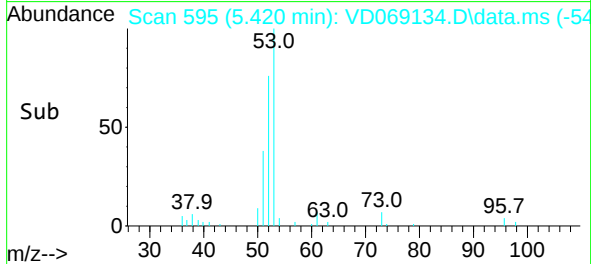




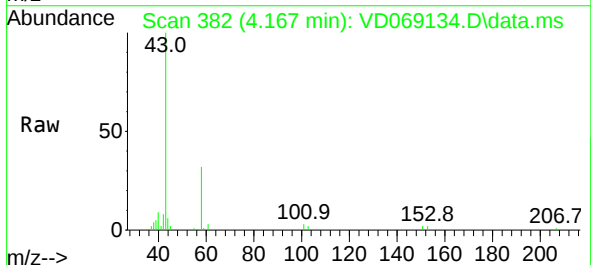
#15
Acrylonitrile
Concen: 100.92 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



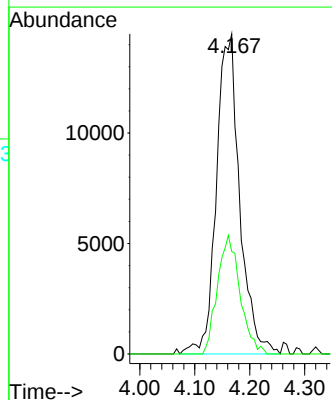
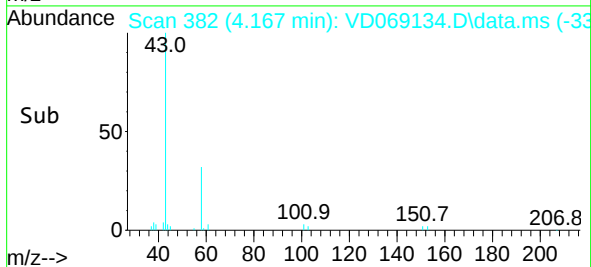
Tgt Ion: 53 Resp: 48325
Ion Ratio Lower Upper
53 100
52 77.9 64.5 96.7
51 39.2 30.4 45.6



#16
Acetone
Concen: 97.00 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



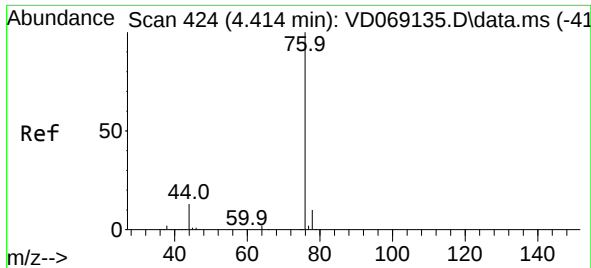
Tgt Ion: 43 Resp: 42597
Ion Ratio Lower Upper
43 100
58 32.0 26.7 40.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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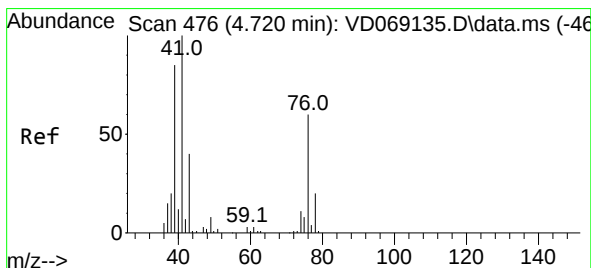
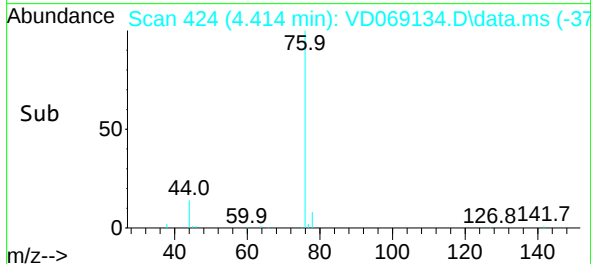
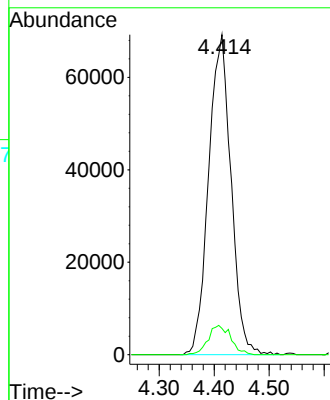
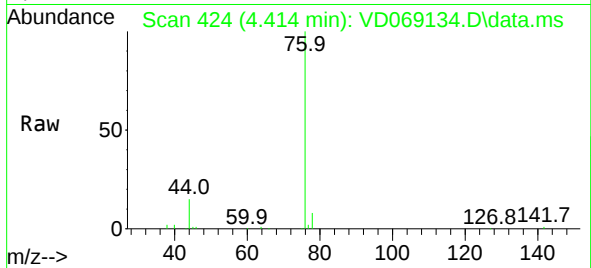
#17
Carbon Disulfide
Concen: 20.66 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 76 Resp: 196024
Ion Ratio Lower Upper
76 100
78 8.2 8.1 12.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

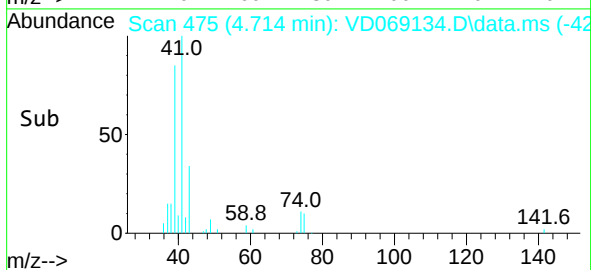
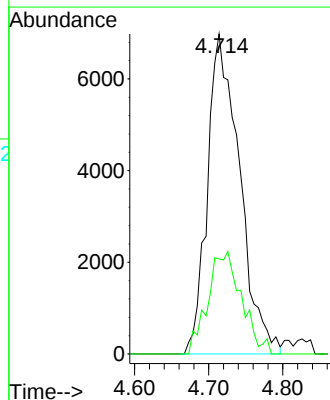
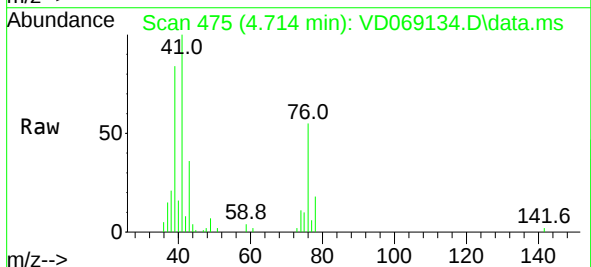
Manual Integrations
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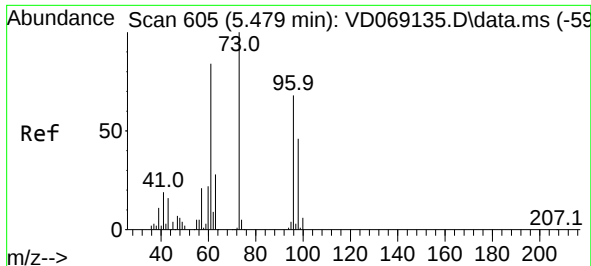
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#18
Methyl Acetate
Concen: 19.70 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

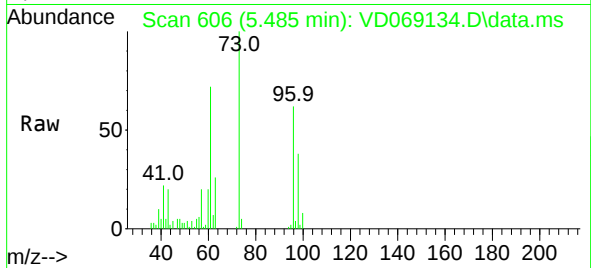
Tgt Ion: 43 Resp: 21016
Ion Ratio Lower Upper
43 100
74 33.6 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 19.92 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

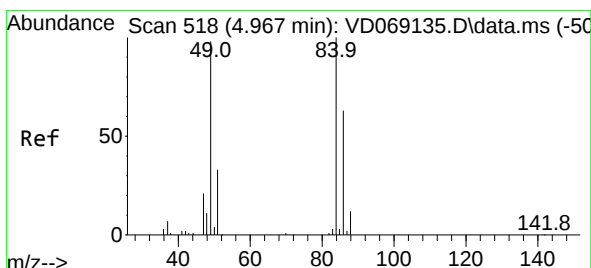
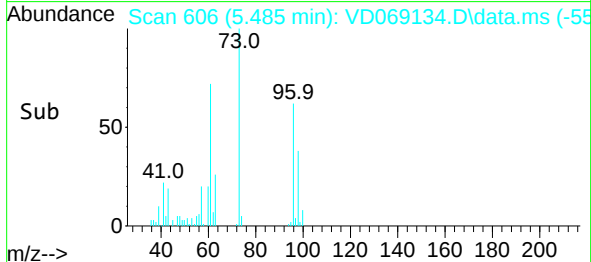
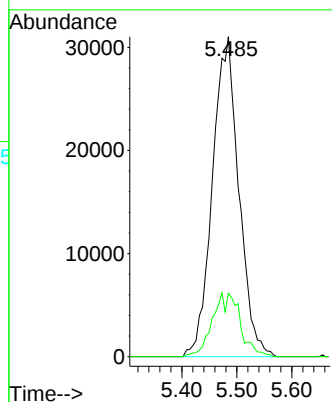
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 103417
Ion Ratio Lower Upper
73 100
57 19.9 17.1 25.7

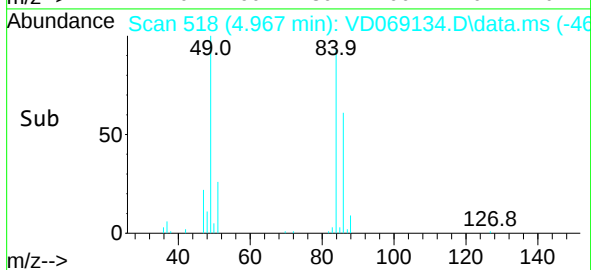
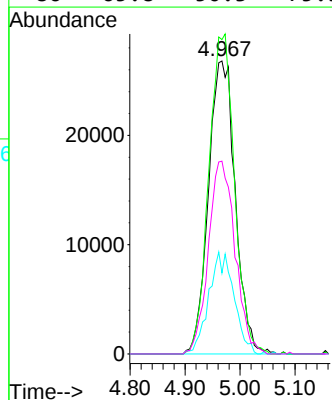
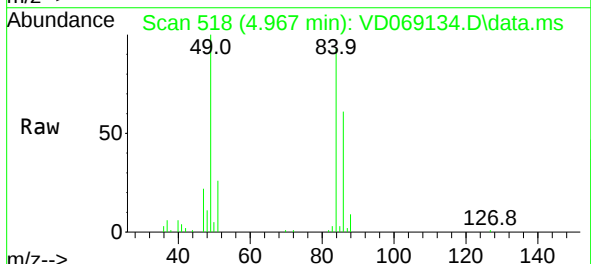
Manual Integrations
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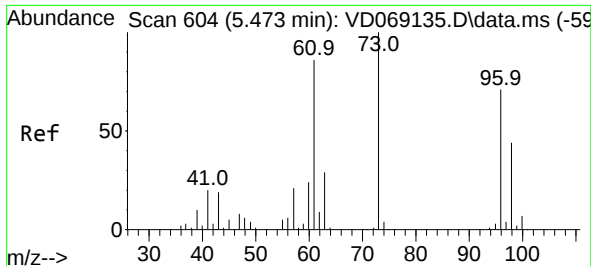
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#20
Methylene Chloride
Concen: 19.53 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 84 Resp: 90789
Ion Ratio Lower Upper
84 100
49 107.3 78.6 117.8
51 27.7 26.7 40.1
86 65.8 50.3 75.5





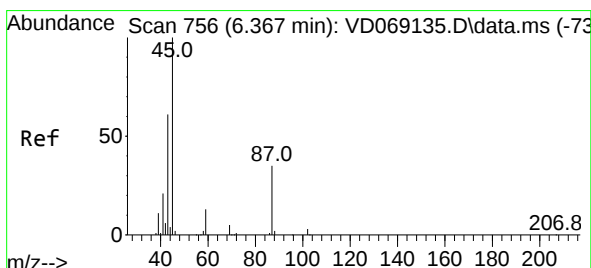
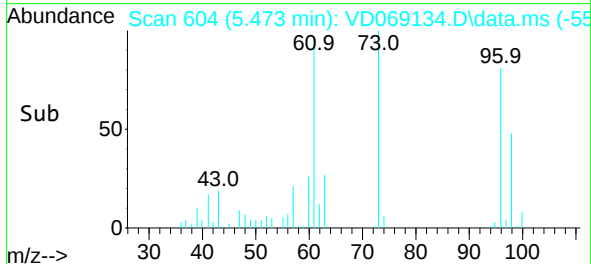
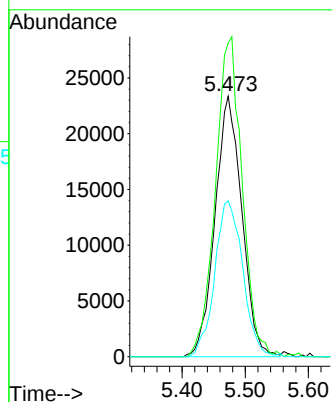
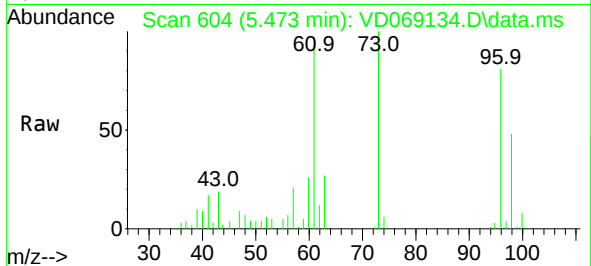
#21
trans-1,2-Dichloroethene
Concen: 20.34 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:	96	Resp:	69019
Ion	Ratio	Lower	Upper
96	100		
61	120.5	97.7	146.5
98	59.9	49.4	74.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

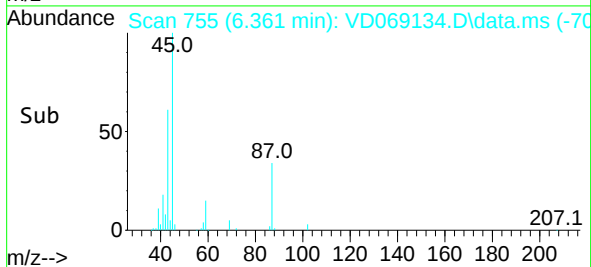
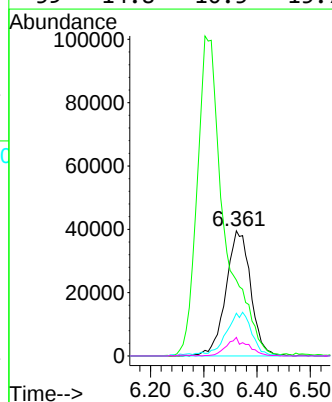
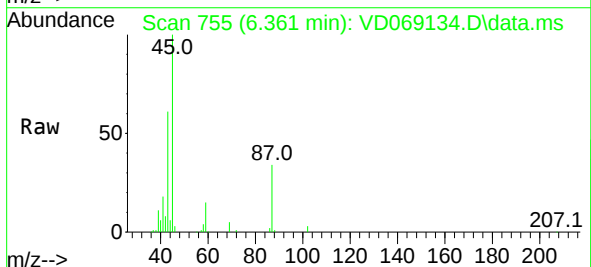
Manual Integrations
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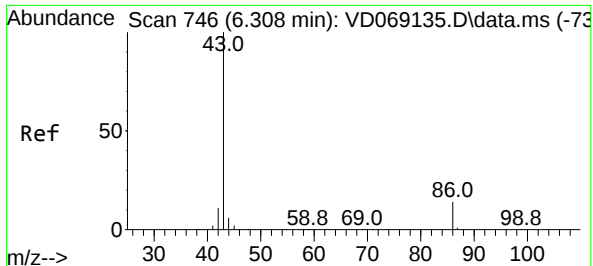
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#22
Diisopropyl ether
Concen: 20.31 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

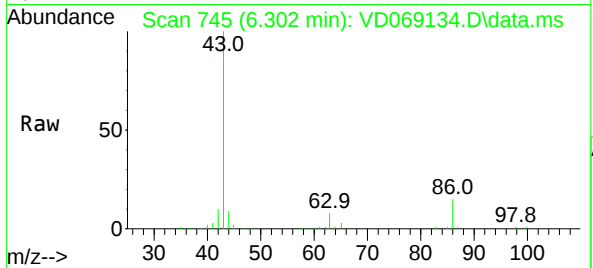
Tgt Ion:	45	Resp:	127338
Ion	Ratio	Lower	Upper
45	100		
43	59.6	48.6	73.0
87	33.4	28.5	42.7
59	14.8	10.5	15.7





#23
 Vinyl Acetate
 Concen: 96.77 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069134.D
 Acq: 12 May 2021 12:33

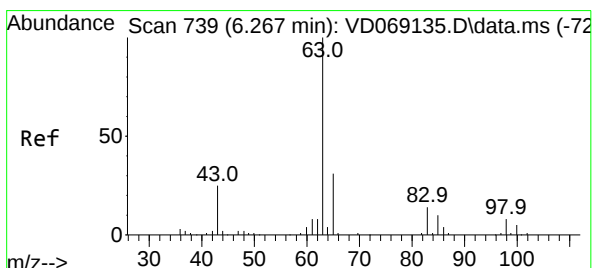
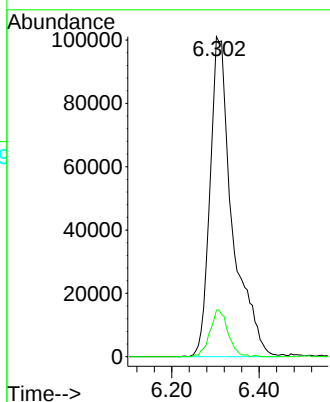
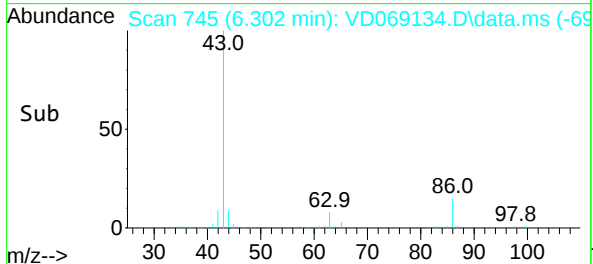
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



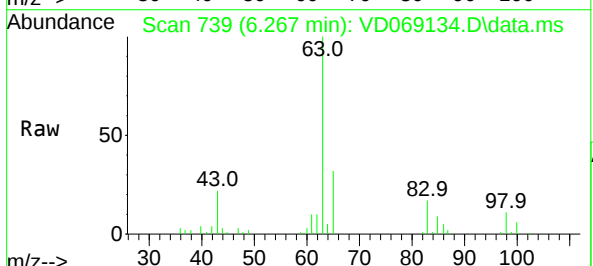
Tgt Ion: 43 Resp: 358057
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.1 16.7

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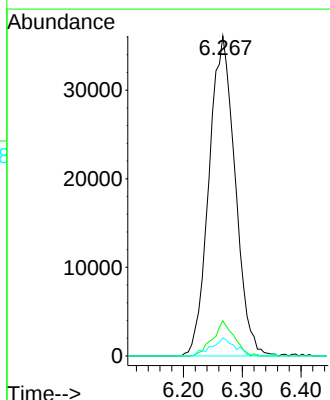
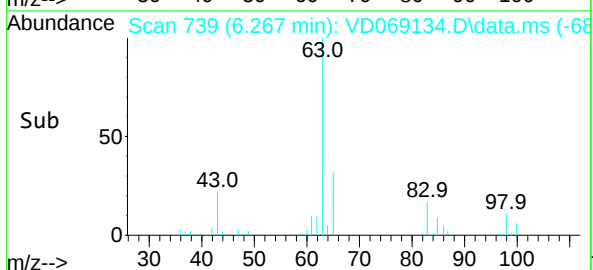
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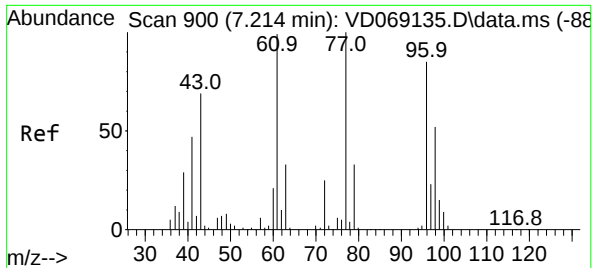


#24
 1,1-Dichloroethane
 Concen: 20.63 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD069134.D
 Acq: 12 May 2021 12:33



Tgt Ion: 63 Resp: 111726
 Ion Ratio Lower Upper
 63 100
 98 11.0 3.9 11.5
 100 5.6 2.5 7.6





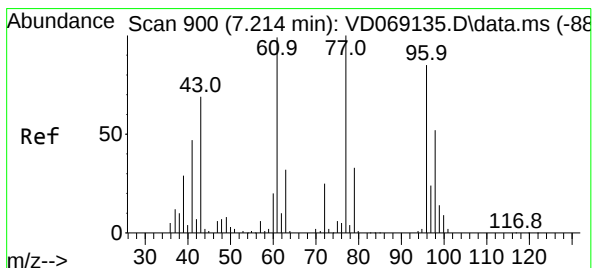
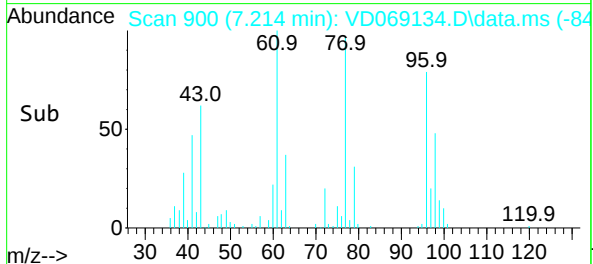
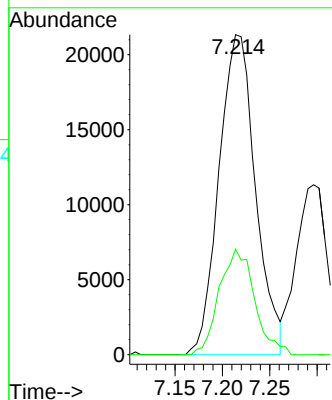
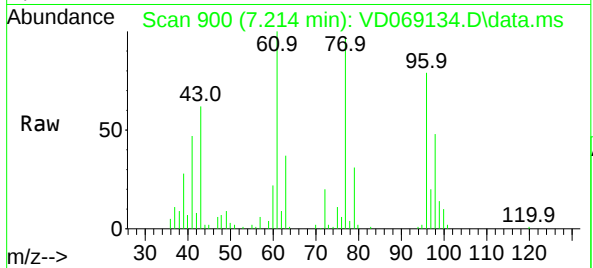
#25
2-Butanone
Concen: 96.15 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 43 Resp: 57216
Ion Ratio Lower Upper
43 100
72 33.0 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

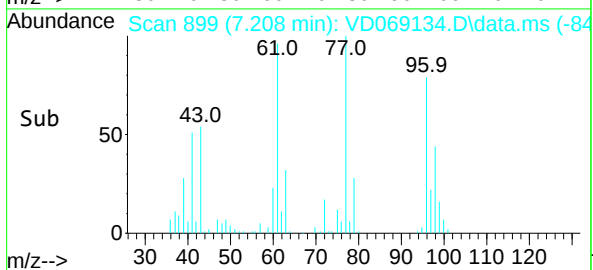
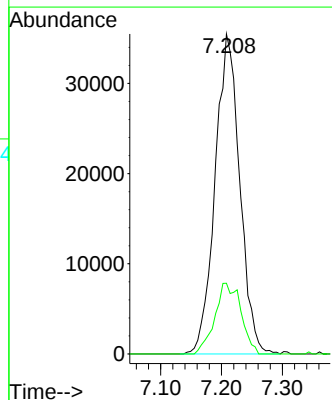
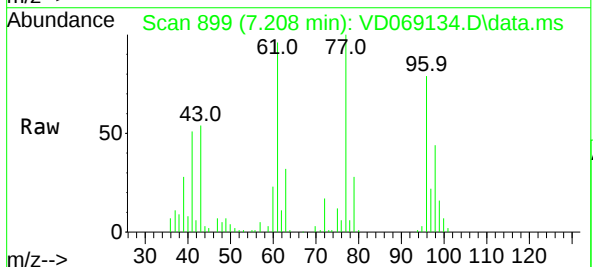
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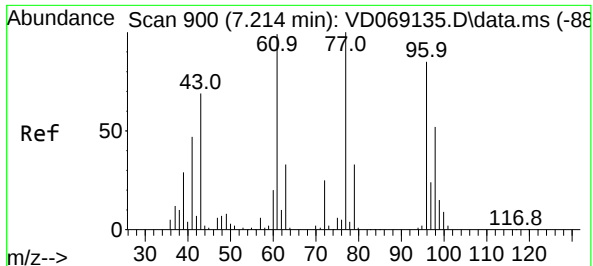
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#26
2,2-Dichloropropane
Concen: 19.70 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 77 Resp: 99781
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.39 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069134.D

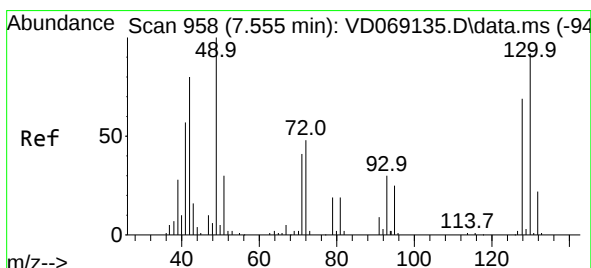
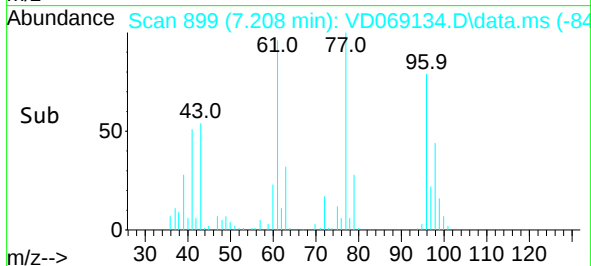
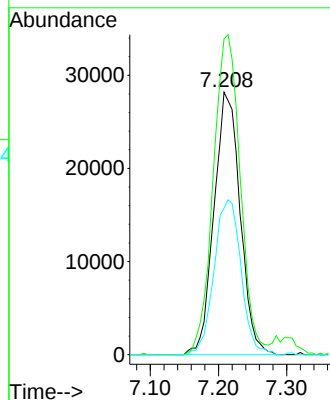
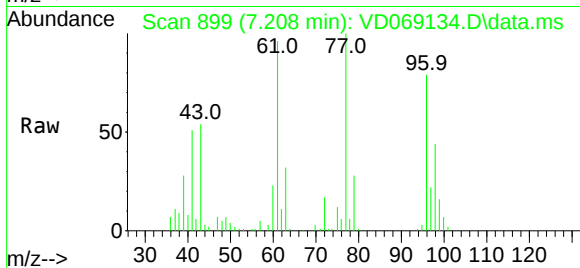
Acq: 12 May 2021 12:33

Tgt Ion:	96	Resp:	75131
Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	263.8
98	60.9	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
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#28

Bromochloromethane

Concen: 19.97 ug/l

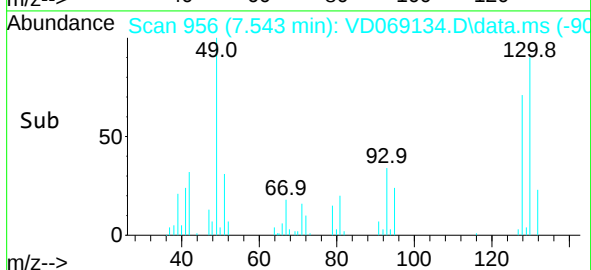
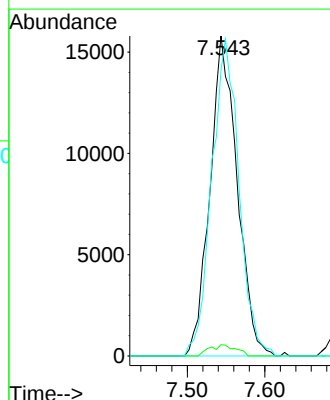
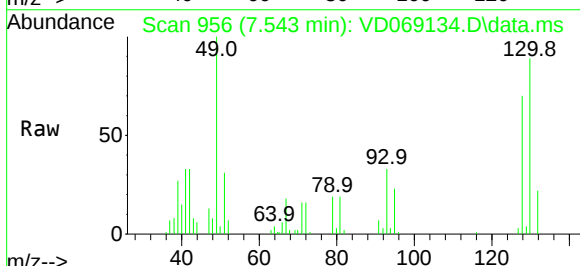
RT: 7.543 min Scan# 956

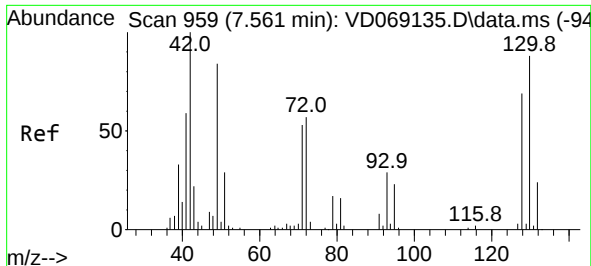
Delta R.T. -0.012 min

Lab File: VD069134.D

Acq: 12 May 2021 12:33

Tgt Ion:	49	Resp:	38563
Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	6.4
130	99.4	75.8	113.6





#29

Tetrahydrofuran

Concen: 98.82 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069134.D

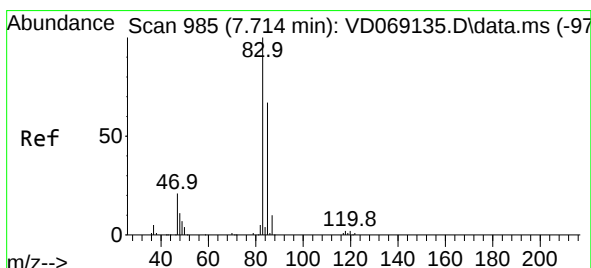
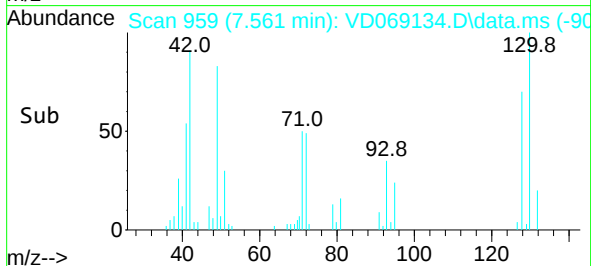
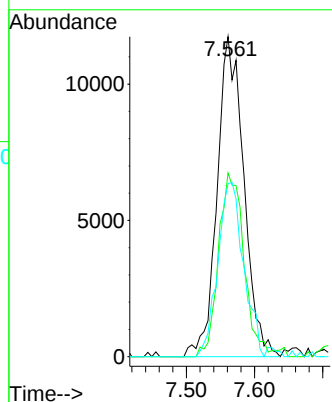
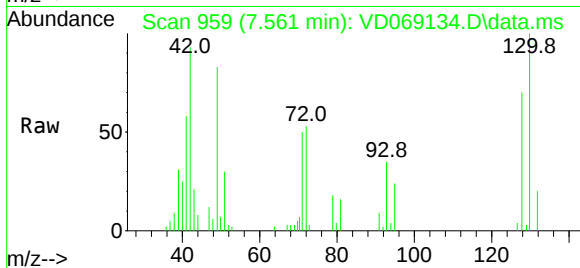
Acq: 12 May 2021 12:33

Tgt Ion:	42	Resp:	31968
Ion	Ratio	Lower	Upper
42	100		
72	55.0	45.9	68.9
71	52.6	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
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#30

Chloroform

Concen: 20.45 ug/l

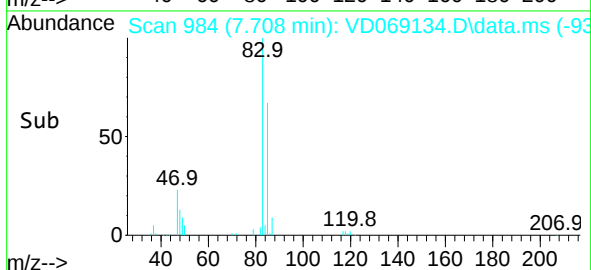
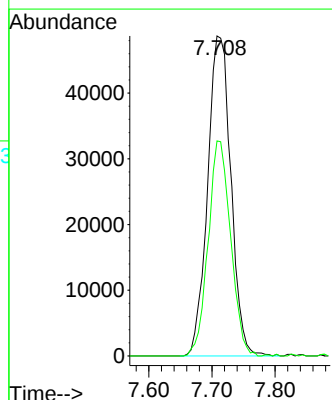
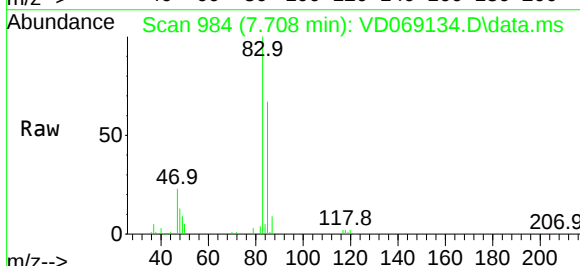
RT: 7.708 min Scan# 984

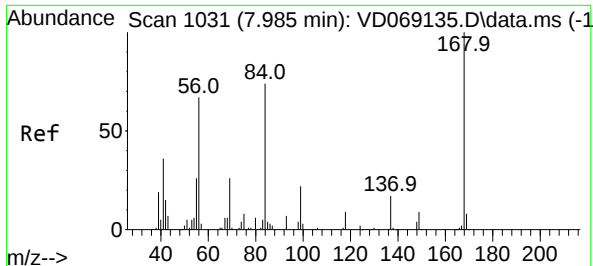
Delta R.T. -0.006 min

Lab File: VD069134.D

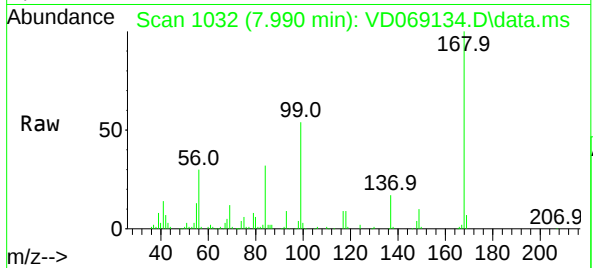
Acq: 12 May 2021 12:33

Tgt Ion:	83	Resp:	124717
Ion	Ratio	Lower	Upper
83	100		
85	67.2	54.0	81.0

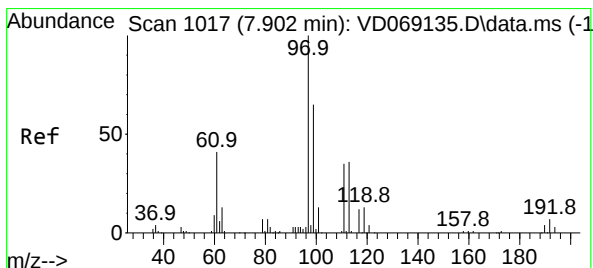
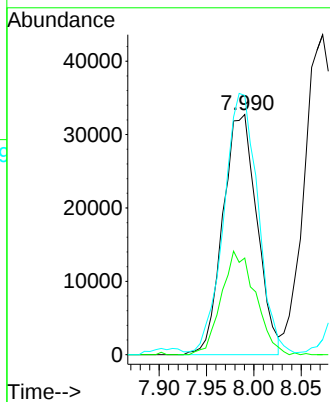
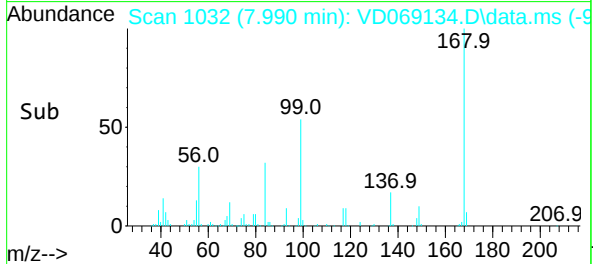




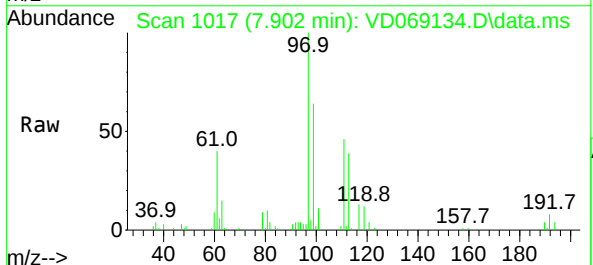
#31
Cyclohexane
Concen: 19.29 ug/l
RT: 7.990 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



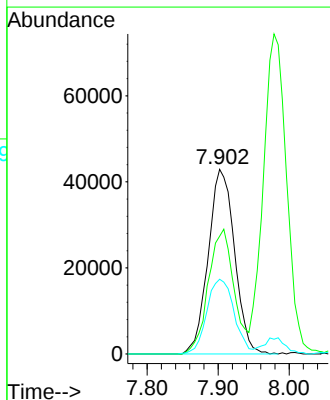
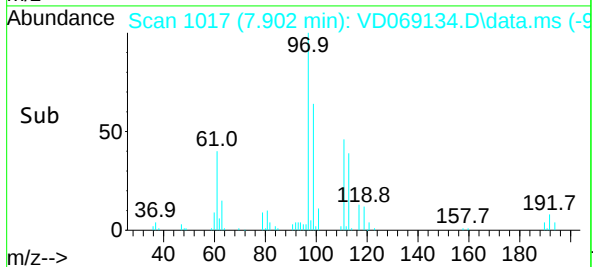
Tgt Ion: 56 Resp: 81963
Ion Ratio Lower Upper
56 100
69 40.2 30.6 46.0
84 105.5 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 19.96 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



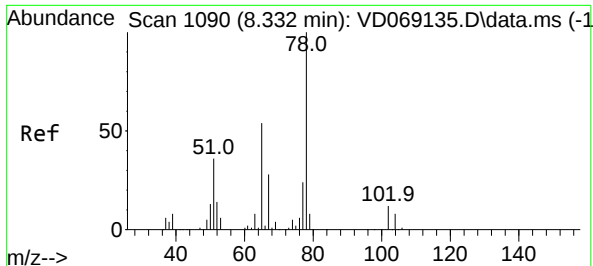
Tgt Ion: 97 Resp: 110450
Ion Ratio Lower Upper
97 100
99 66.2 51.5 77.3
61 41.9 32.5 48.7



Instrument :
MSVOA_D
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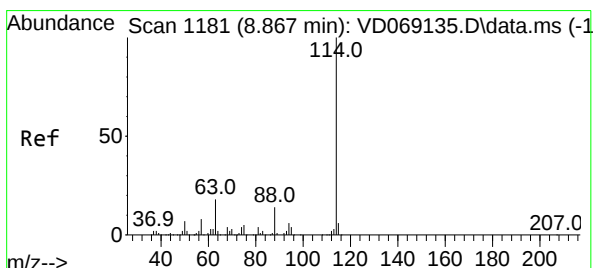
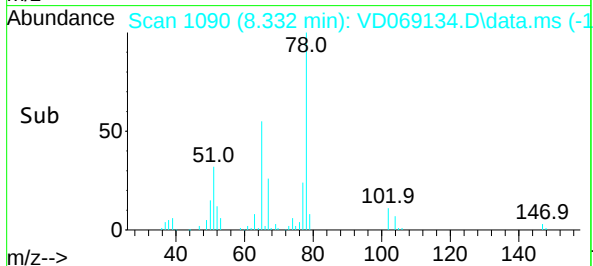
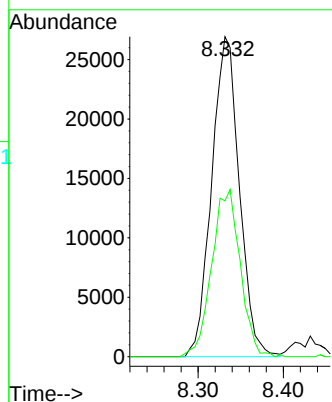
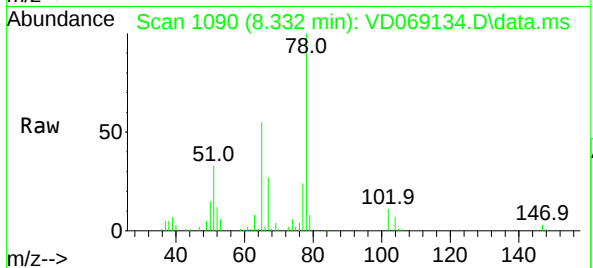
#33
1,2-Dichloroethane-d4
Concen: 21.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 65 Resp: 60726
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

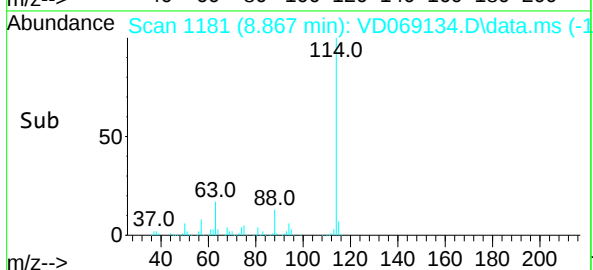
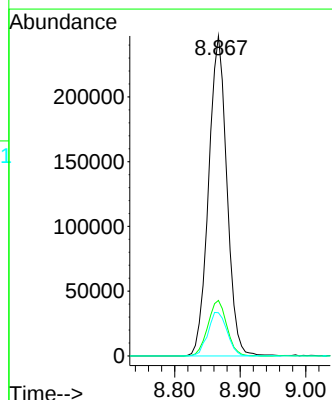
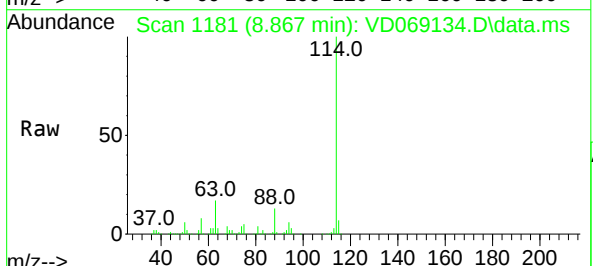
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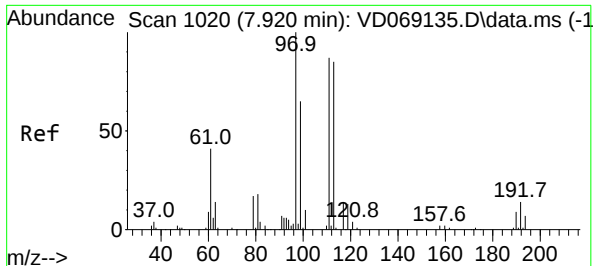
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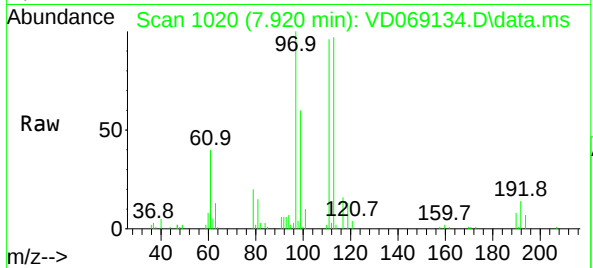
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 114 Resp: 477973
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.4
88 13.5 0.0 28.2

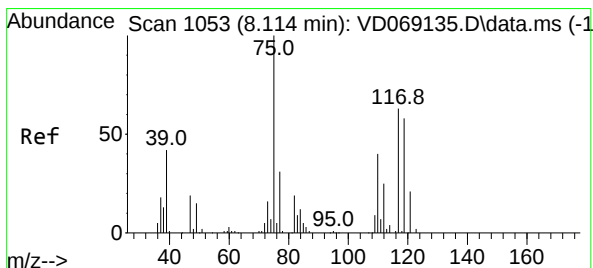
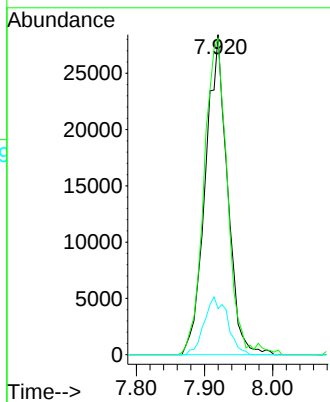
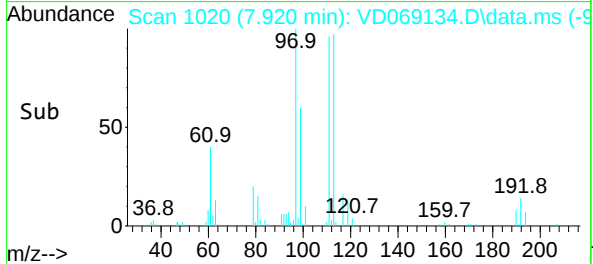




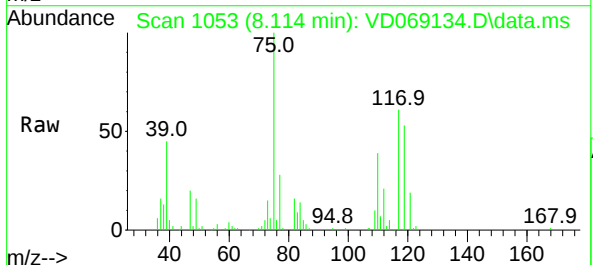
#35
Dibromofluoromethane
Concen: 20.59 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



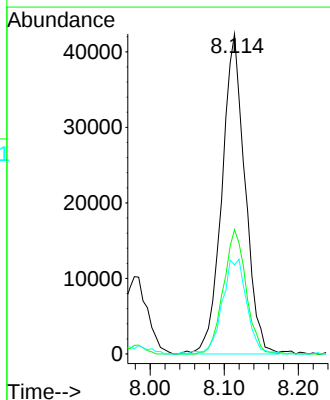
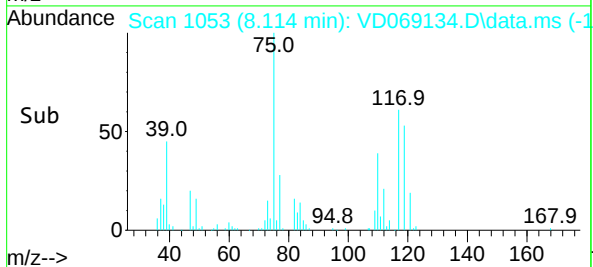
Tgt Ion: 113 Resp: 64049
Ion Ratio Lower Upper
113 100
111 103.4 80.6 120.8
192 19.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 19.71 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



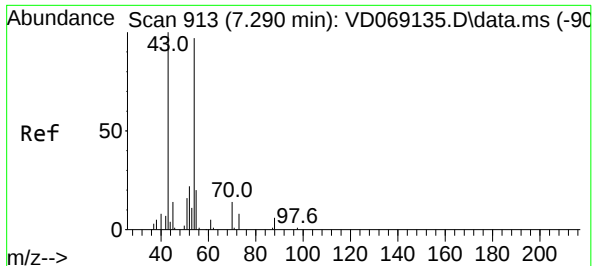
Tgt Ion: 75 Resp: 91602
Ion Ratio Lower Upper
75 100
110 38.0 18.8 56.4
77 31.5 25.2 37.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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#37

Ethyl Acetate

Concen: 19.73 ug/l

RT: 7.296 min Scan# 914

Delta R.T. 0.006 min

Lab File: VD069134.D

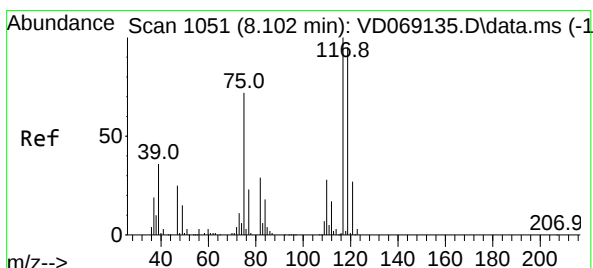
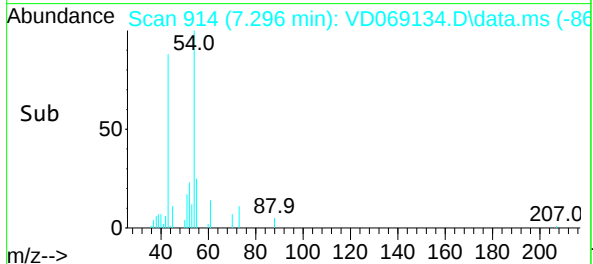
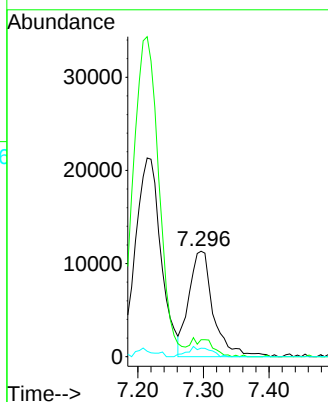
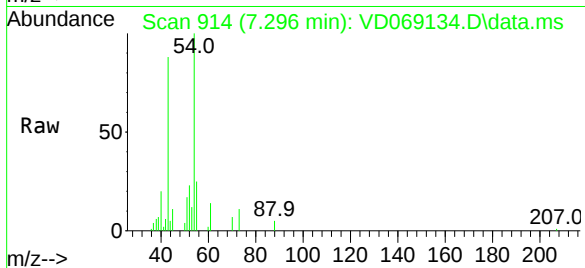
Acq: 12 May 2021 12:33

Tgt Ion:	43	Resp:	29455
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.5	17.3#
70	8.4	10.4	15.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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#38

Carbon Tetrachloride

Concen: 20.30 ug/l

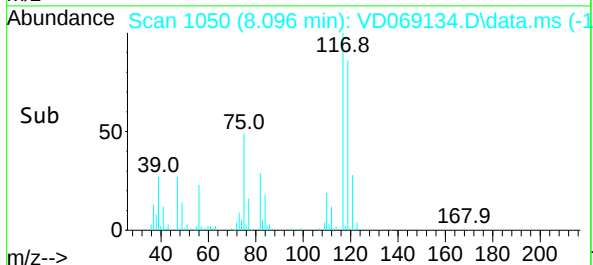
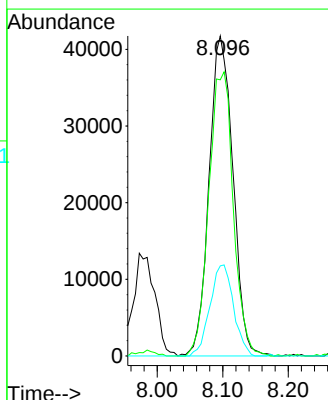
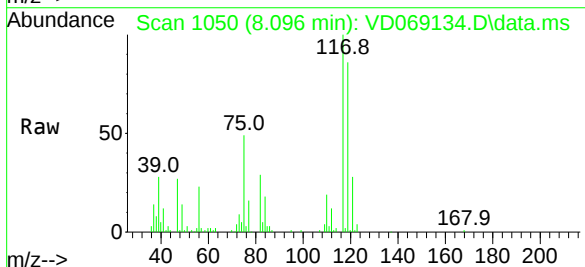
RT: 8.096 min Scan# 1050

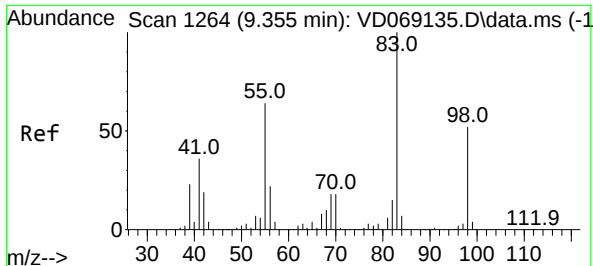
Delta R.T. -0.006 min

Lab File: VD069134.D

Acq: 12 May 2021 12:33

Tgt Ion:	117	Resp:	105451
Ion Ratio	Lower	Upper	
117	100		
119	86.3	76.2	114.2
121	28.1	21.9	32.9





#39

Methylcyclohexane

Concen: 19.32 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD069134.D

Acq: 12 May 2021 12:33

Tgt Ion:	83	Resp:	94683
Ion	Ratio	Lower	Upper
83	100		
55	72.1	51.2	76.8
98	52.2	41.4	62.2

Instrument :

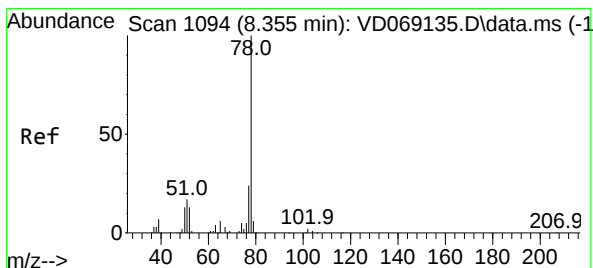
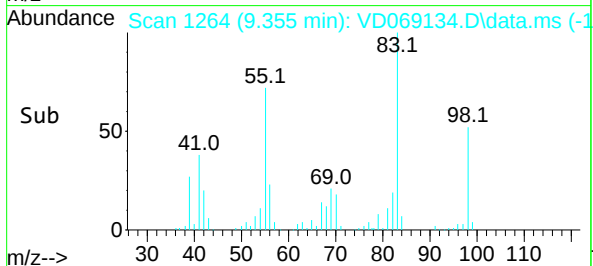
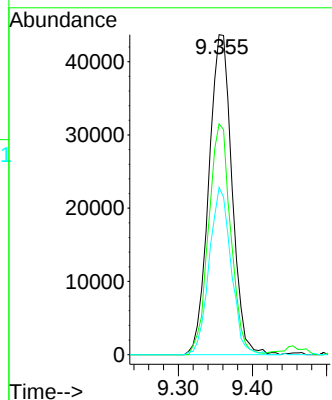
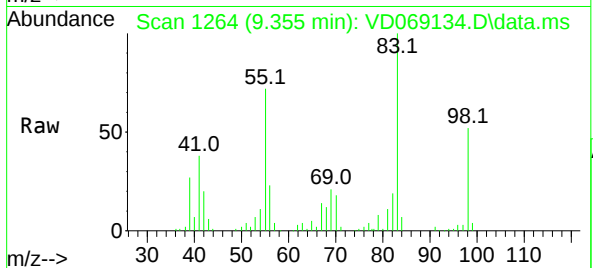
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 19.82 ug/l

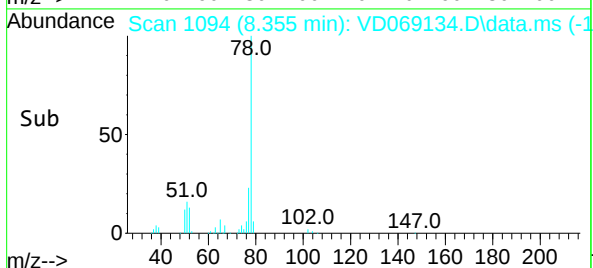
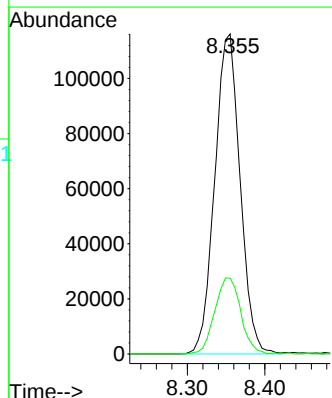
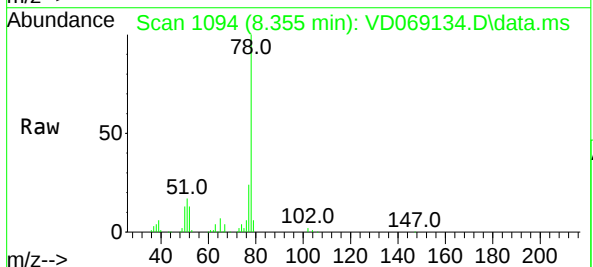
RT: 8.355 min Scan# 1094

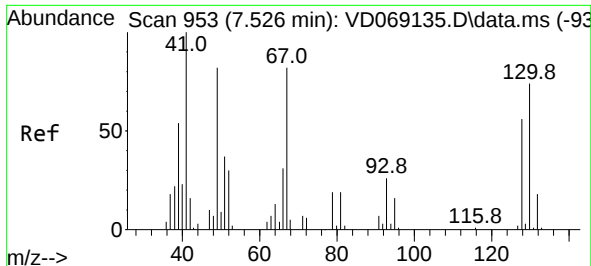
Delta R.T. -0.000 min

Lab File: VD069134.D

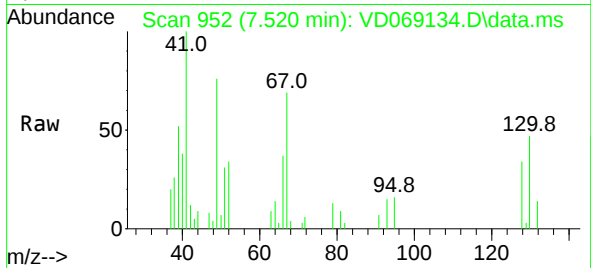
Acq: 12 May 2021 12:33

Tgt Ion:	78	Resp:	263852
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7

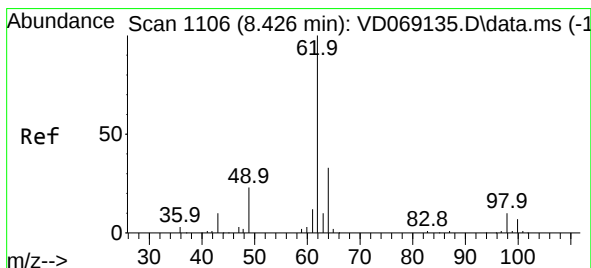
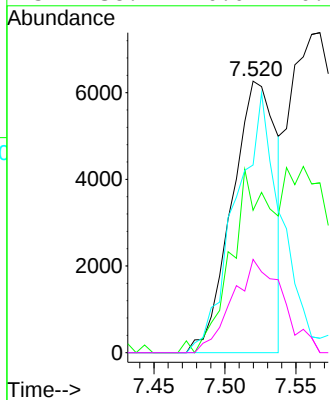
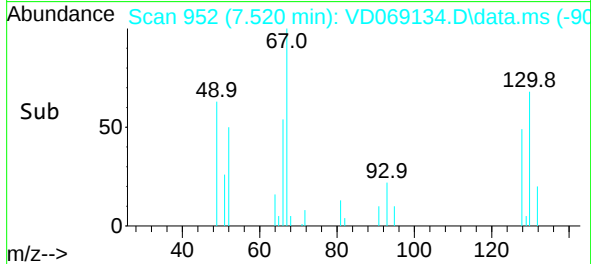




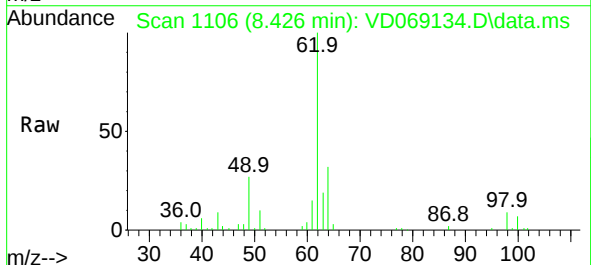
#41
Methacrylonitrile
Concen: 18.49 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



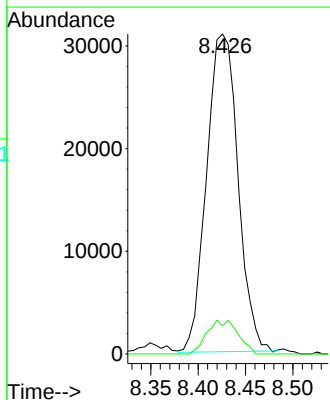
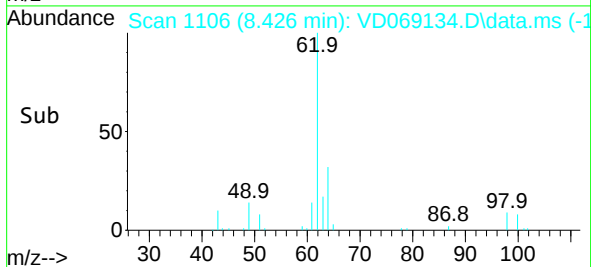
Tgt Ion: 41 Resp: 13586
Ion Ratio Lower Upper
41 100
39 63.6 58.0 87.0
67 100.1 0.0 0.0#
52 38.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.67 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



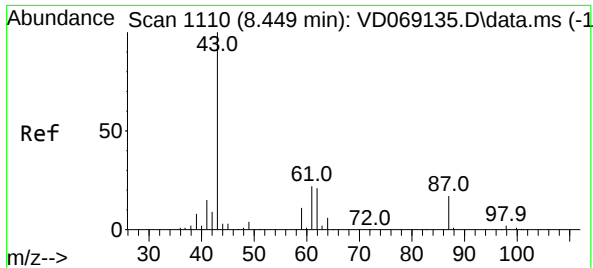
Tgt Ion: 62 Resp: 71499
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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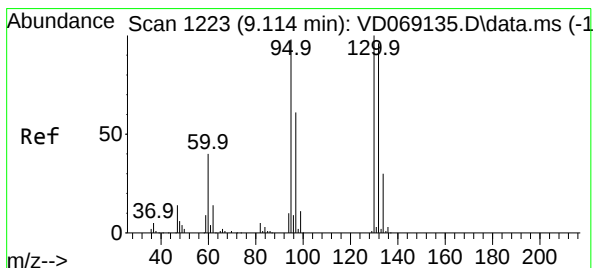
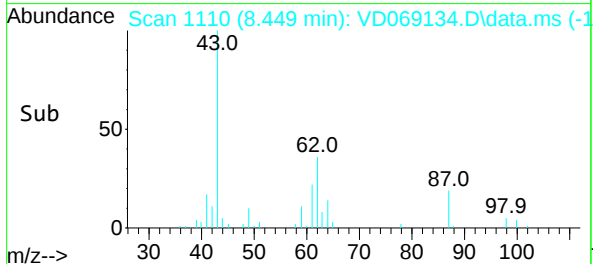
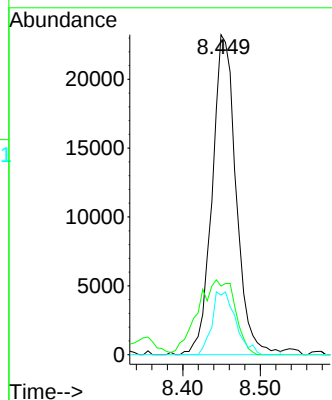
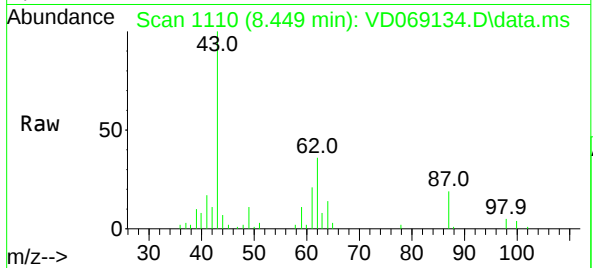
#43
Isopropyl Acetate
Concen: 18.38 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 43	Resp: 49827
Ion Ratio	Lower Upper
43 100	
61 36.6	28.6 42.8
87 19.5	13.8 20.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

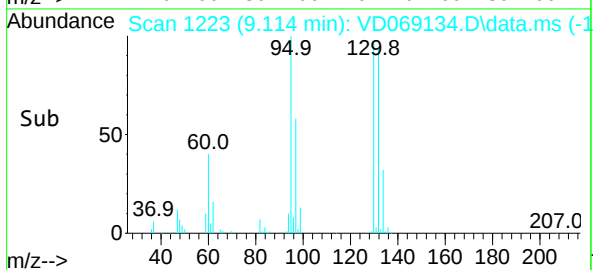
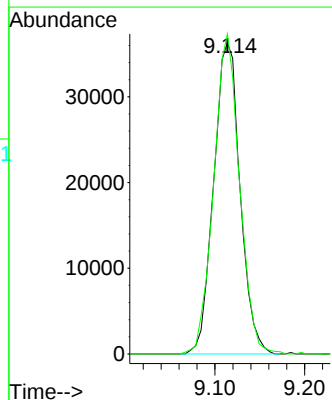
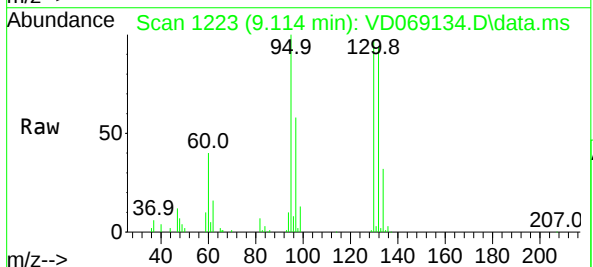
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#44
Trichloroethene
Concen: 19.91 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:130	Resp:	74062	
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	196.2





#45

1,2-Dichloropropane

Concen: 19.60 ug/l

RT: 9.384 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VD069134.D

Acq: 12 May 2021 12:33

Tgt Ion: 63 Resp: 61576

Ion Ratio Lower Upper

63 100

65 35.1 25.9 38.9

Instrument :

MSVOA_D

ClientSampleId :

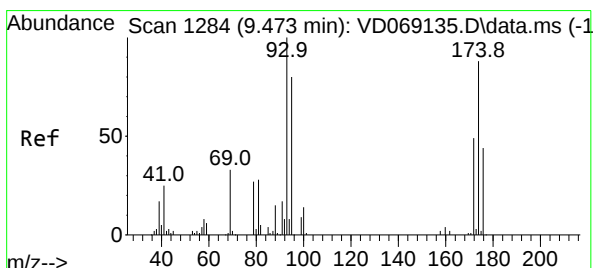
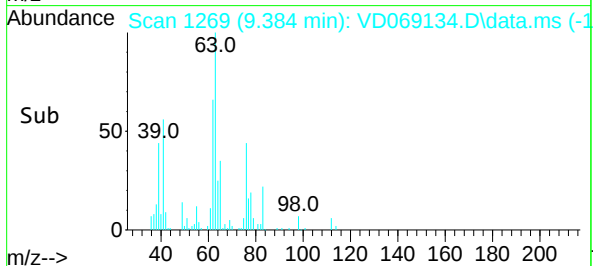
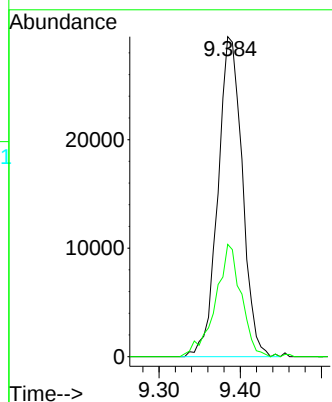
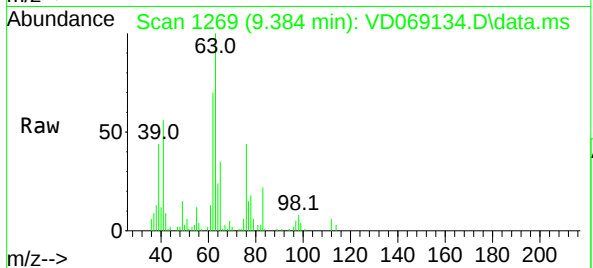
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#46

Dibromomethane

Concen: 19.11 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD069134.D

Acq: 12 May 2021 12:33

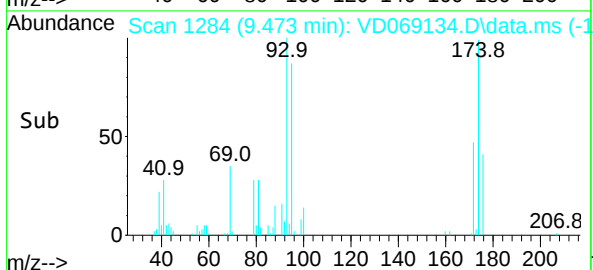
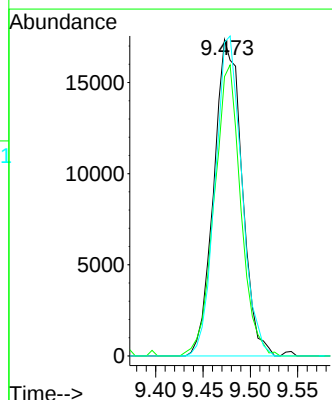
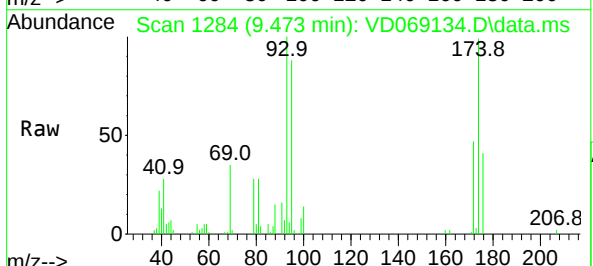
Tgt Ion: 93 Resp: 35893

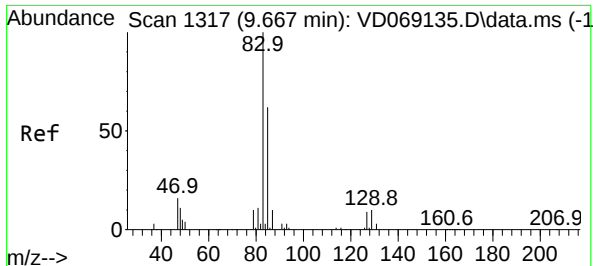
Ion Ratio Lower Upper

93 100

95 86.4 65.9 98.9

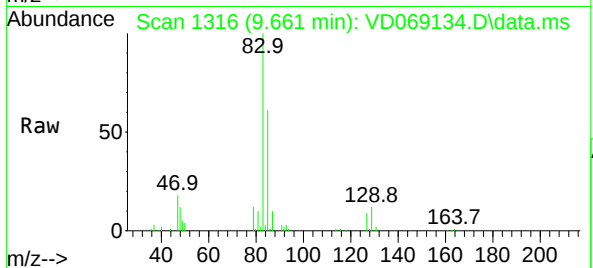
174 95.2 76.6 115.0





#47
Bromodichloromethane
Concen: 19.87 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

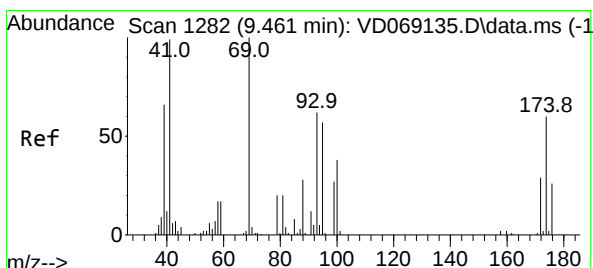
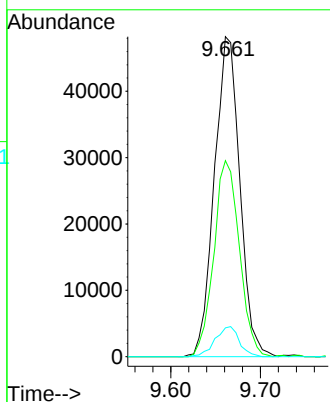
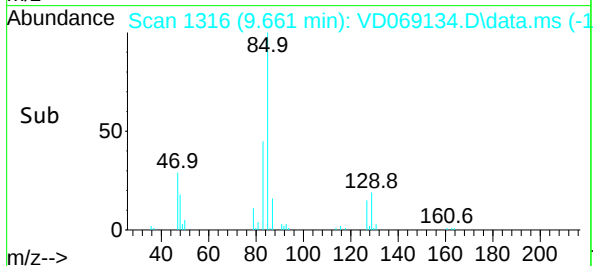
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



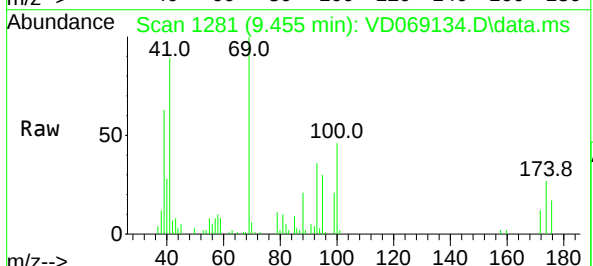
Tgt Ion: 83 Resp: 94944
Ion Ratio Lower Upper
83 100
85 61.3 50.0 75.0
127 9.0 7.1 10.7

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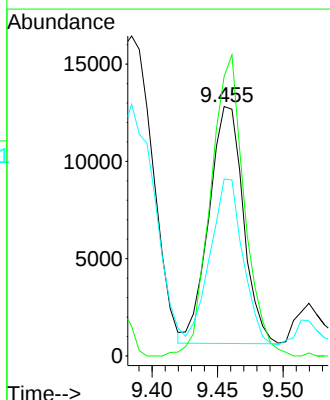
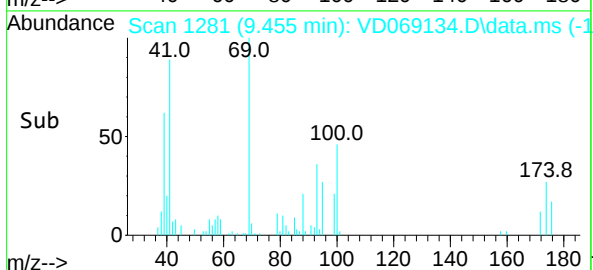
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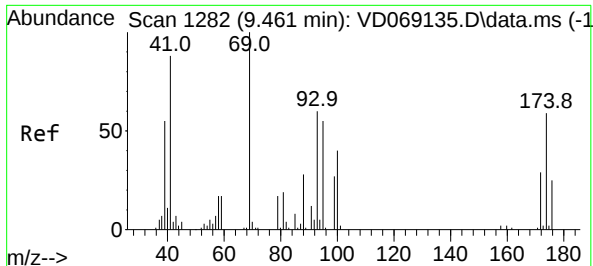


#48
Methyl methacrylate
Concen: 17.73 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



Tgt Ion: 41 Resp: 22232
Ion Ratio Lower Upper
41 100
69 124.5 88.0 132.0
39 66.6 51.4 77.0





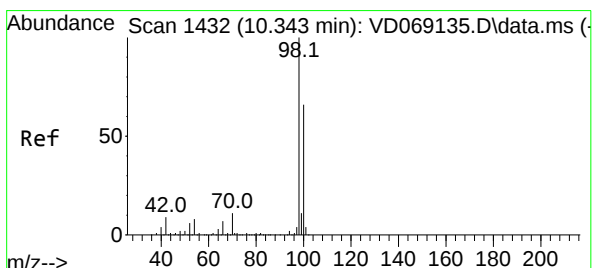
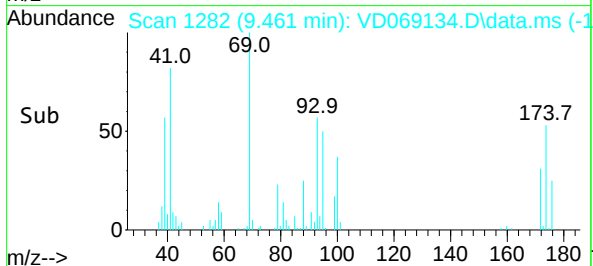
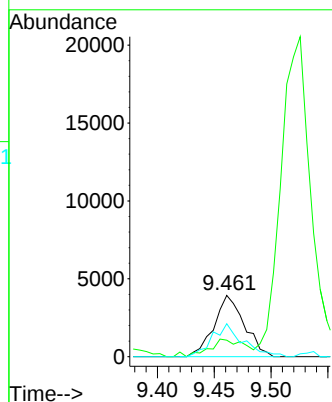
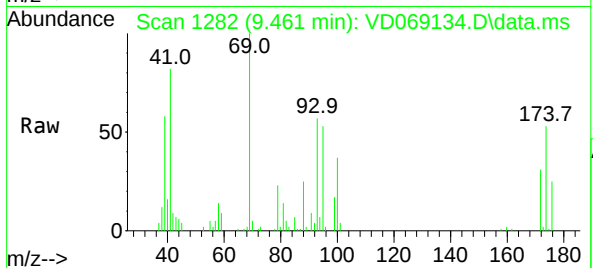
#49
1,4-Dioxane
Concen: 413.34 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 88 Resp: 7301
Ion Ratio Lower Upper
88 100
43 32.1 26.7 40.1
58 54.4 45.8 68.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

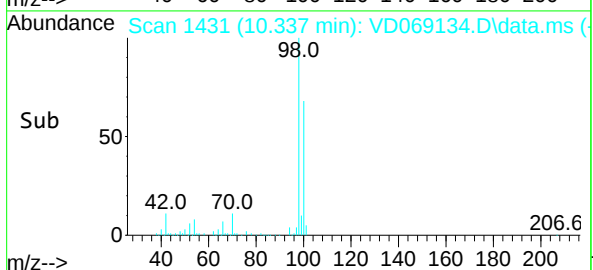
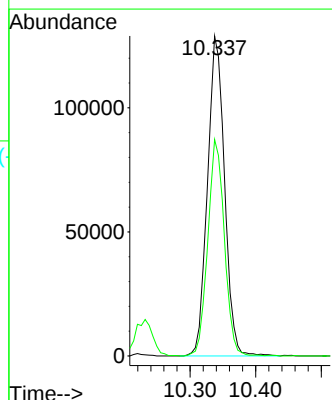
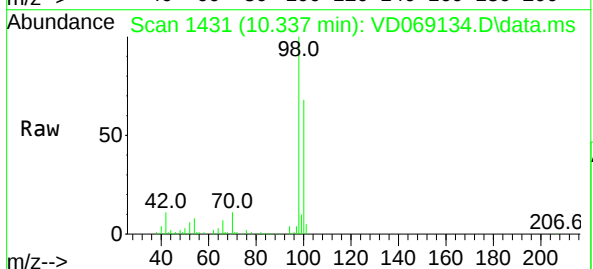
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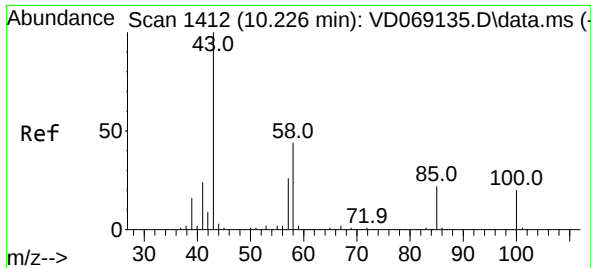
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#50
Toluene-d8
Concen: 20.47 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 98 Resp: 233953
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8





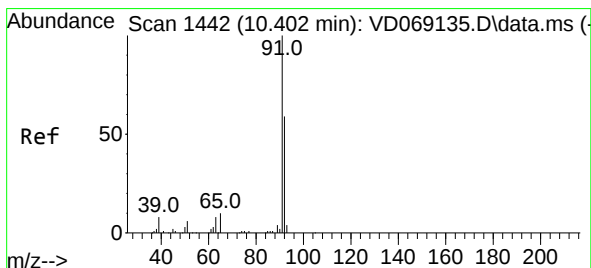
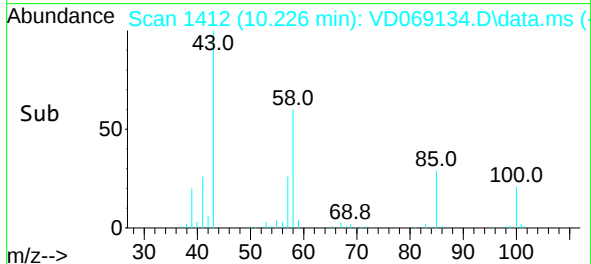
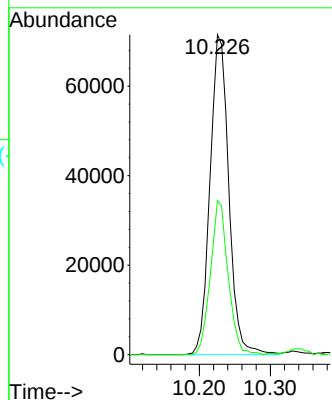
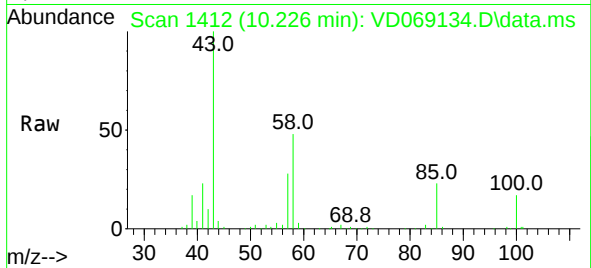
#51
4-Methyl-2-Pentanone
Concen: 93.98 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 43 Resp: 131095
Ion Ratio Lower Upper
43 100
58 45.4 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

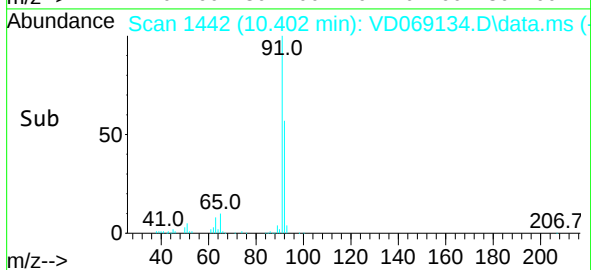
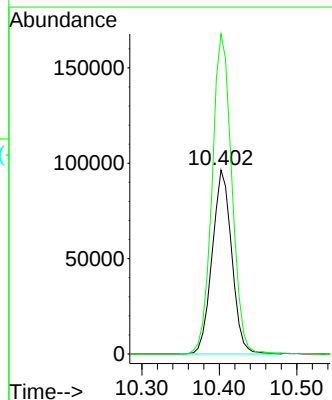
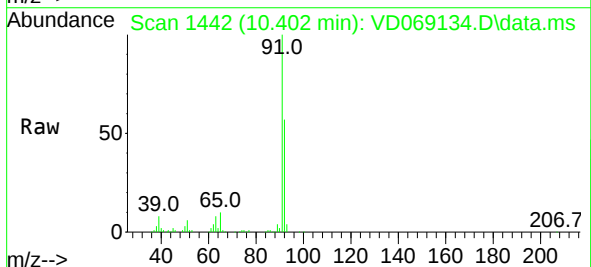
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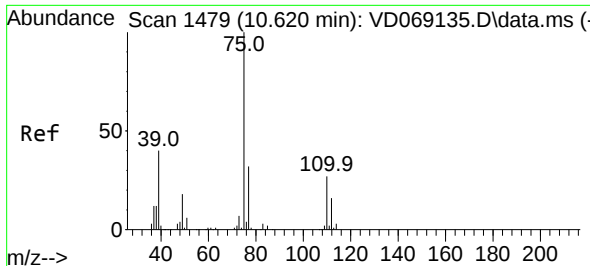
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#52
Toluene
Concen: 19.68 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 92 Resp: 169045
Ion Ratio Lower Upper
92 100
91 176.1 136.2 204.2





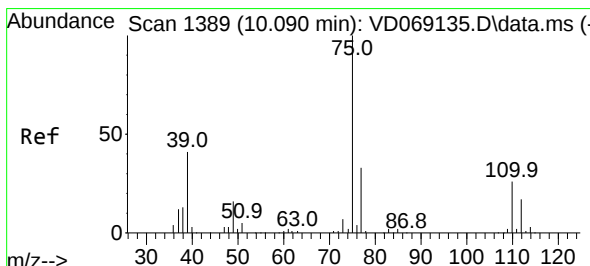
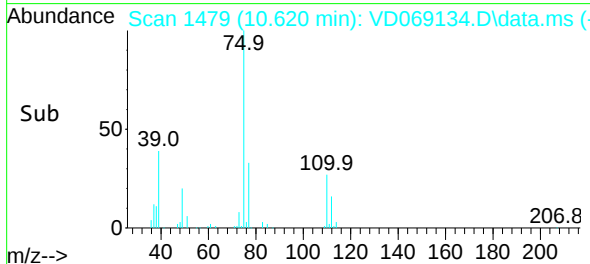
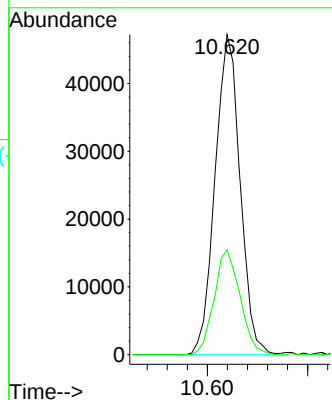
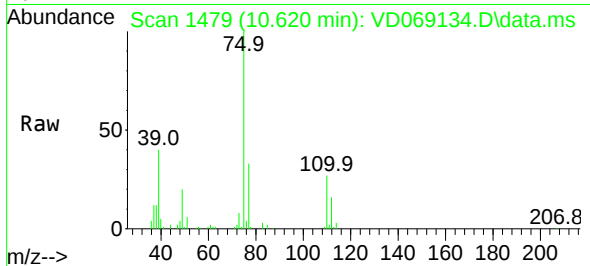
#53
t-1,3-Dichloropropene
Concen: 19.44 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 75 Resp: 81645
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

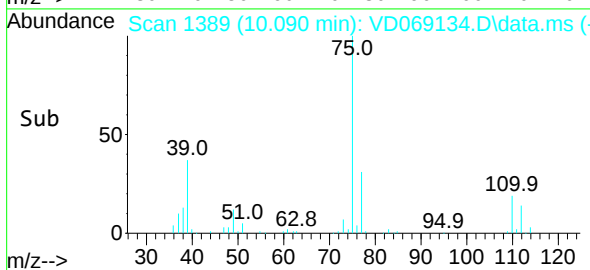
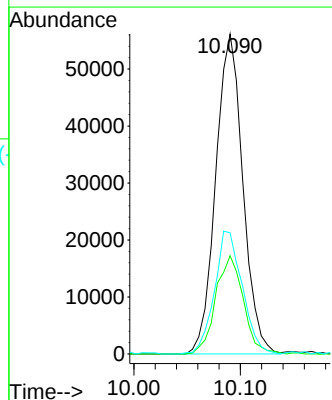
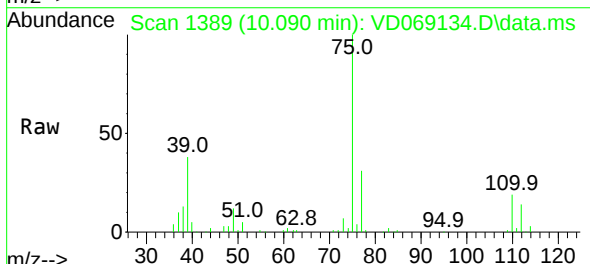
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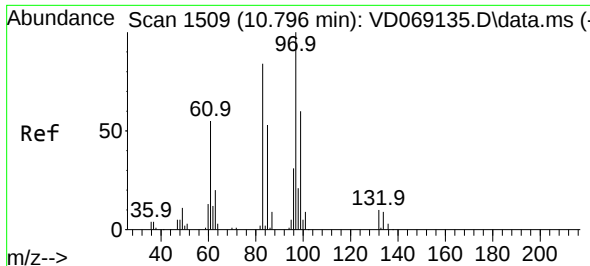
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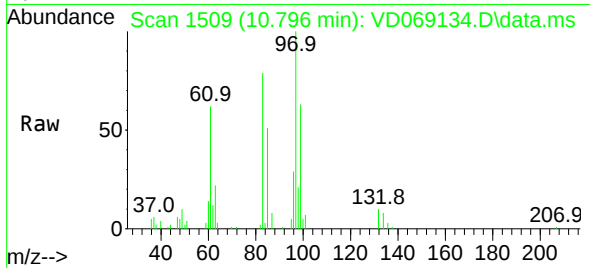
#54
cis-1,3-Dichloropropene
Concen: 19.79 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 75 Resp: 99332
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.4
39 37.8 32.9 49.3

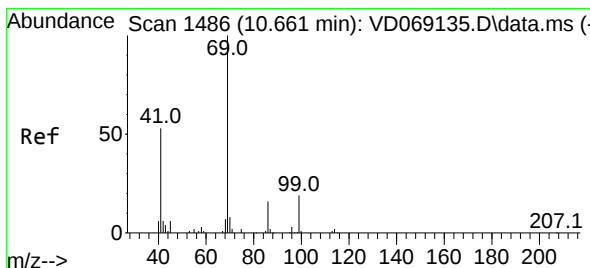
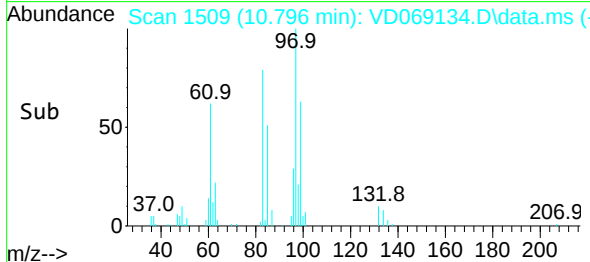
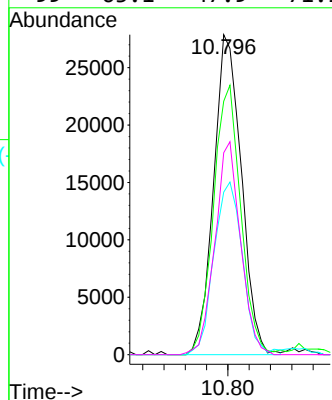




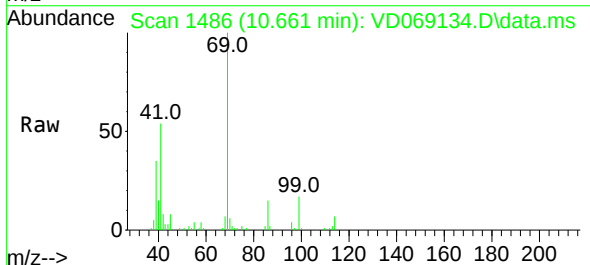
#55
1,1,2-Trichloroethane
Concen: 19.89 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



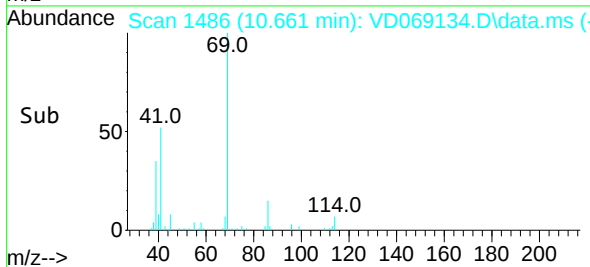
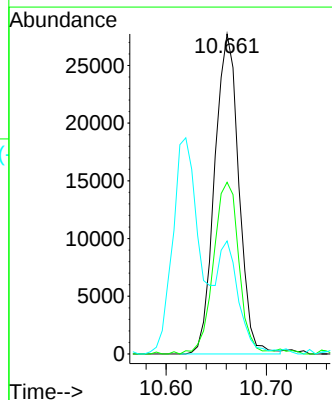
Tgt Ion:	97	Resp:	50360
Ion	Ratio	Lower	Upper
97	100		
83	79.2	66.9	100.3
85	50.8	42.2	63.4
99	63.1	47.9	71.9



#56
Ethyl methacrylate
Concen: 18.39 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



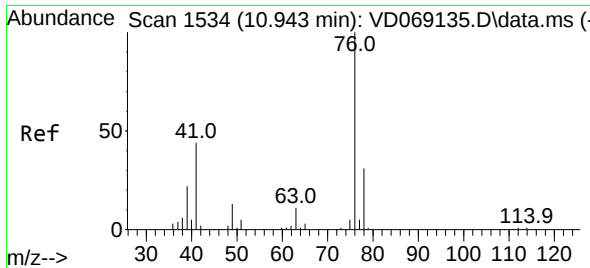
Tgt Ion:	69	Resp:	46478
Ion	Ratio	Lower	Upper
69	100		
41	56.6	42.2	63.2
39	26.2	26.3	39.5#



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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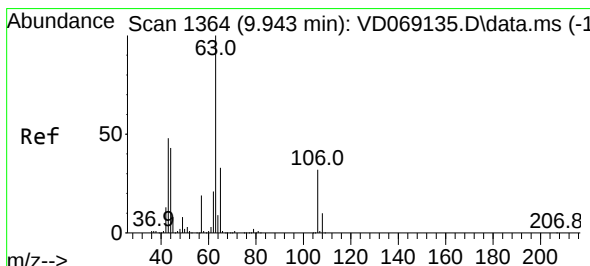
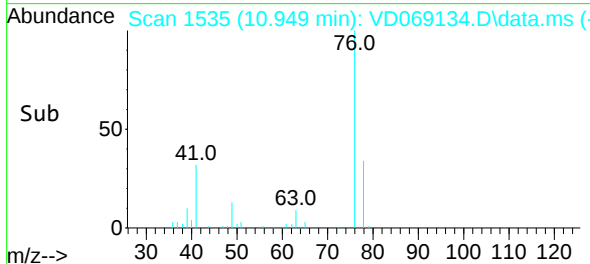
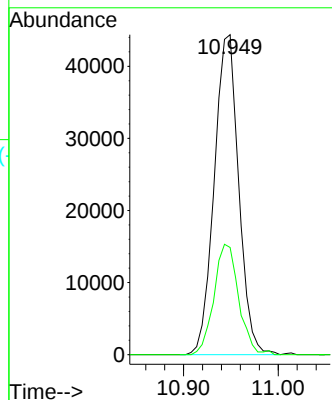
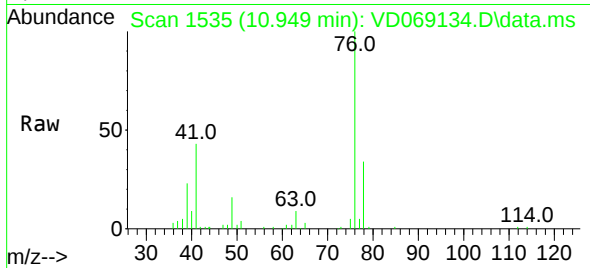
#57
1,3-Dichloropropane
Concen: 19.45 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 76 Resp: 79583
Ion Ratio Lower Upper
76 100
78 34.9 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

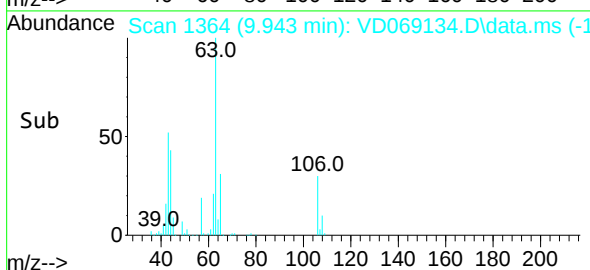
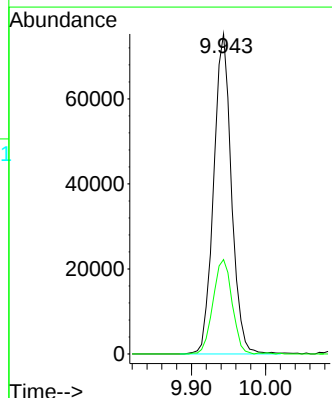
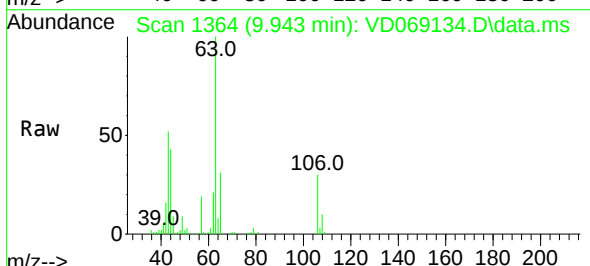
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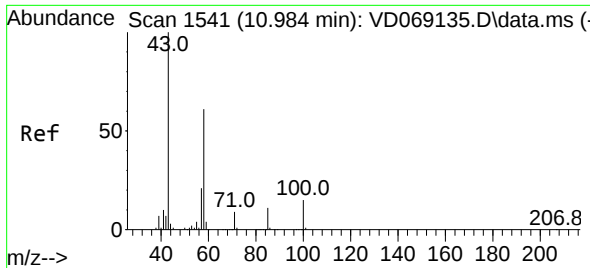
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#58
2-Chloroethyl Vinyl ether
Concen: 99.89 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 63 Resp: 125176
Ion Ratio Lower Upper
63 100
106 31.6 25.3 37.9





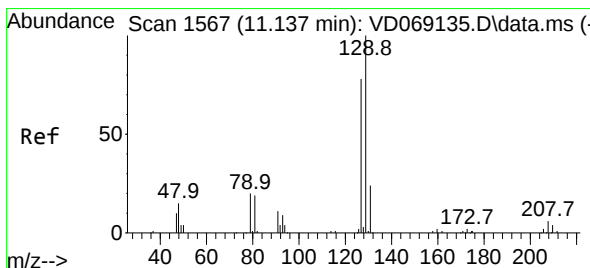
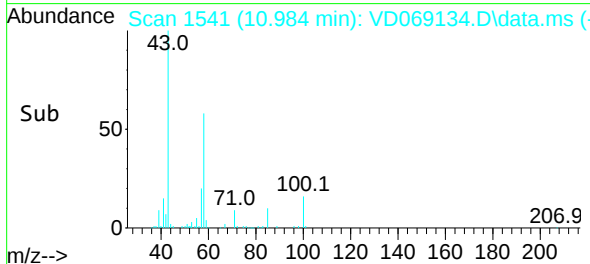
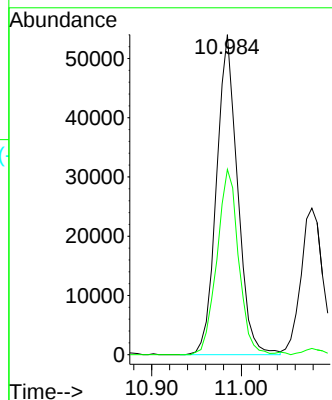
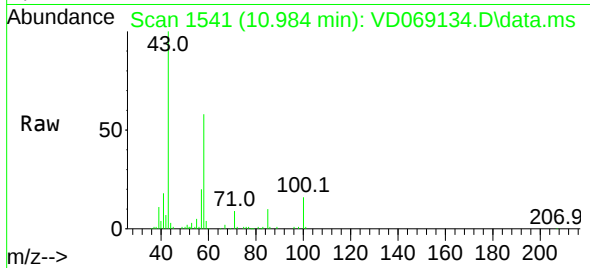
#59
2-Hexanone
Concen: 94.67 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 43 Resp: 88122
Ion Ratio Lower Upper
43 100
58 59.5 31.1 93.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

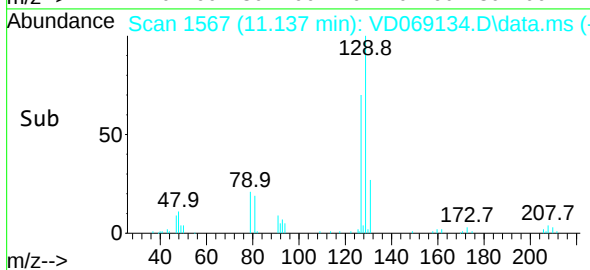
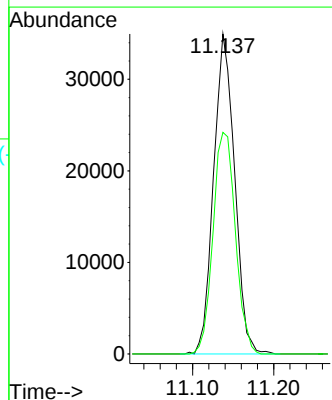
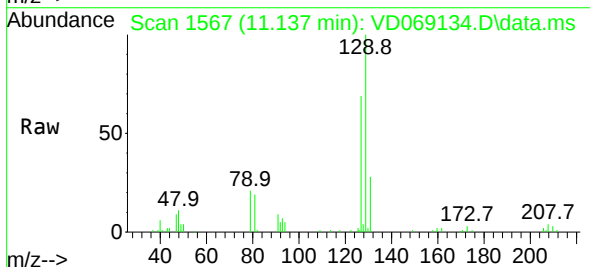
Manual Integrations
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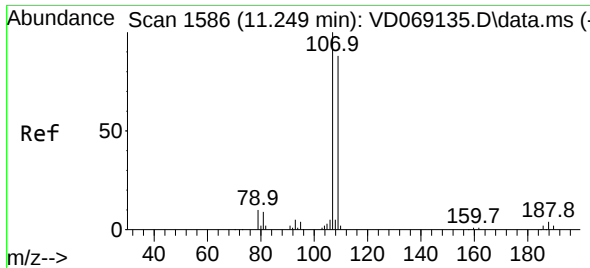
MMDadoda
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#60
Dibromochloromethane
Concen: 19.34 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

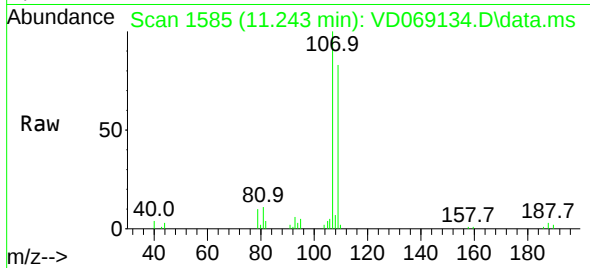
Tgt Ion: 129 Resp: 62888
Ion Ratio Lower Upper
129 100
127 73.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.02 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

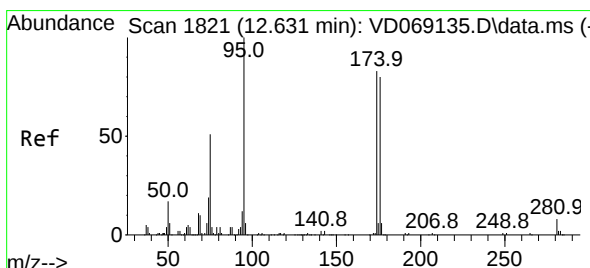
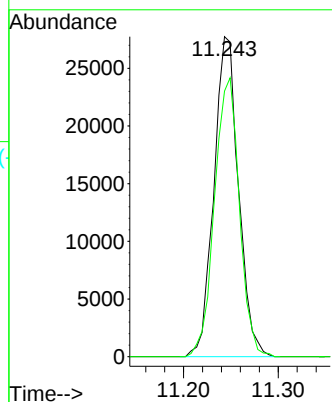
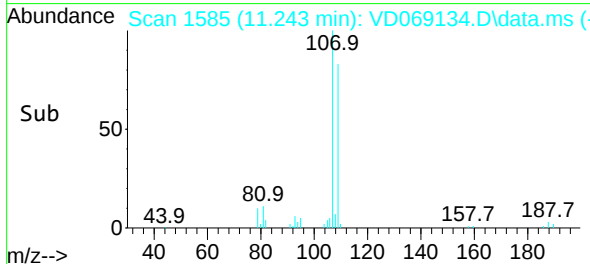
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



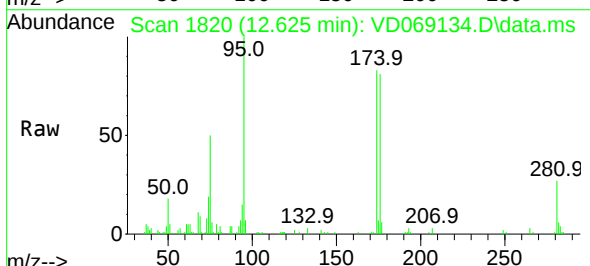
Tgt Ion:107 Resp: 50075
Ion Ratio Lower Upper
107 100
109 88.0 73.6 110.4

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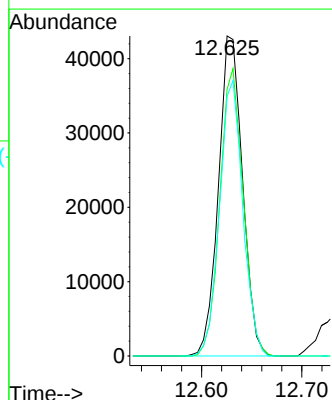
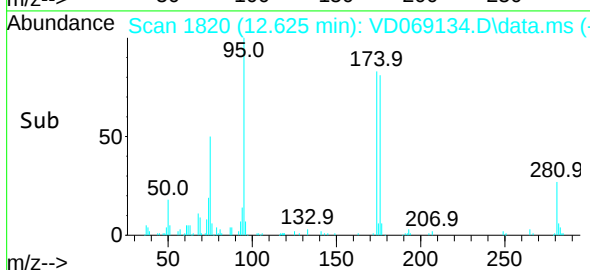
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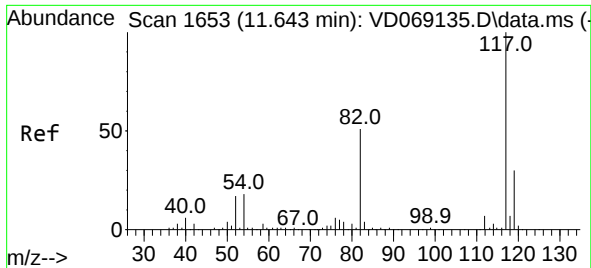


#62
4-Bromofluorobenzene
Concen: 19.52 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



Tgt Ion: 95 Resp: 71794
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.8
176 83.3 0.0 165.4





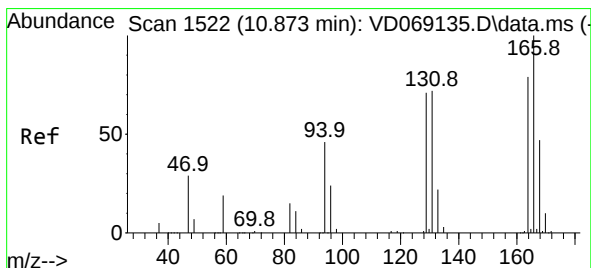
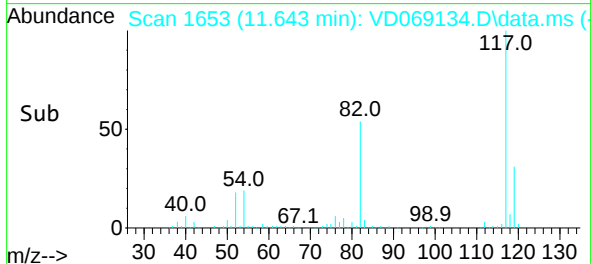
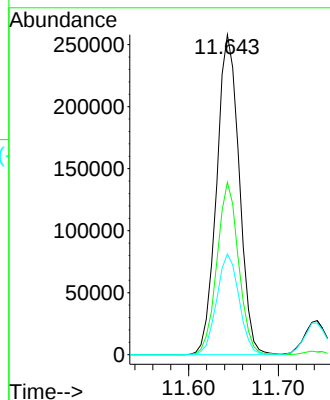
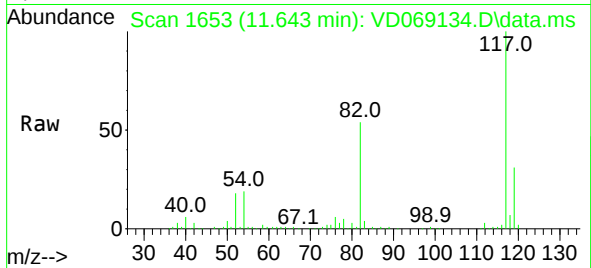
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:117 Resp: 449774
Ion Ratio Lower Upper
117 100
82 53.9 40.5 60.7
119 31.5 24.2 36.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

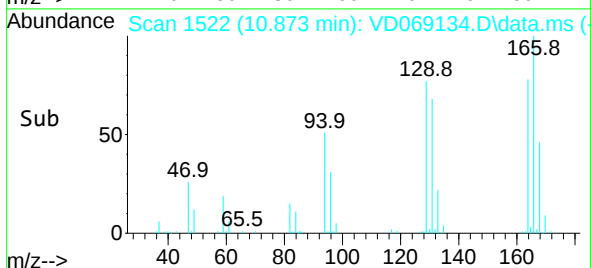
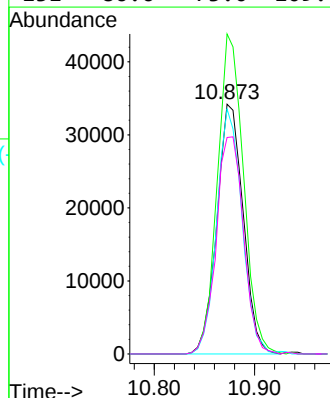
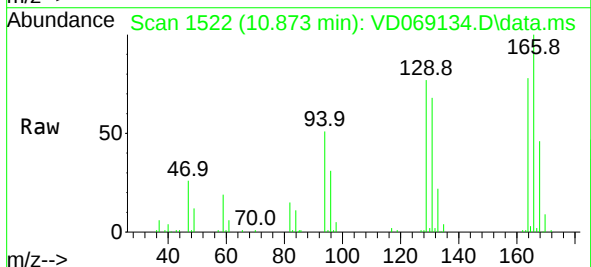
Manual Integrations
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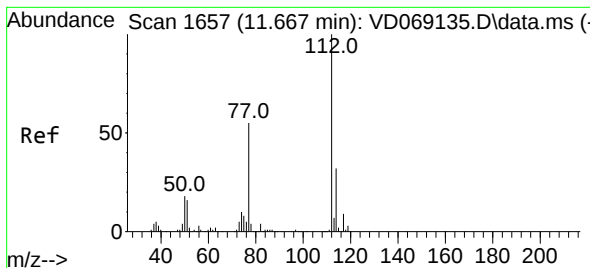
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#64
Tetrachloroethene
Concen: 19.92 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:164 Resp: 62278
Ion Ratio Lower Upper
164 100
166 128.1 101.7 152.5
129 98.1 72.6 109.0
131 86.6 73.0 109.4





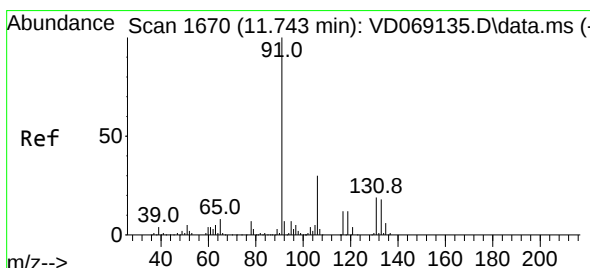
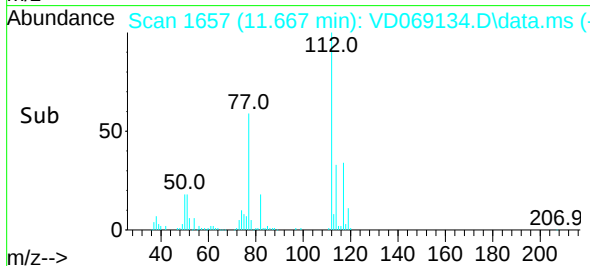
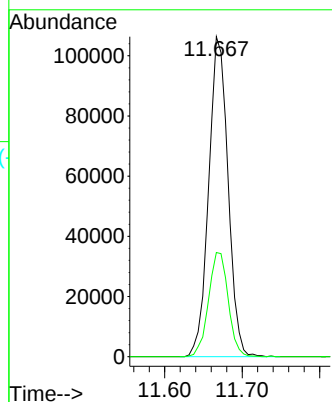
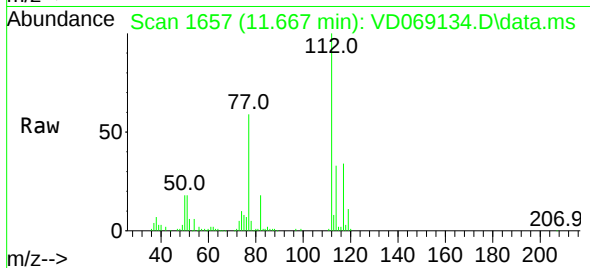
#65
Chlorobenzene
Concen: 19.76 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:112 Resp: 184178
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

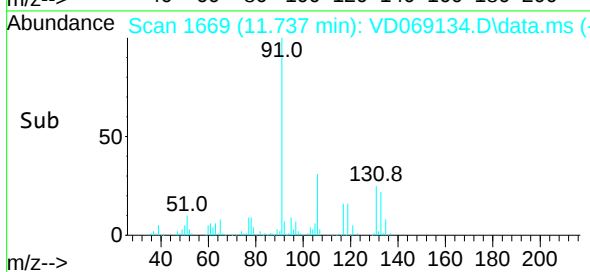
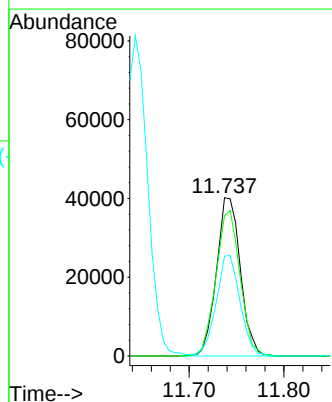
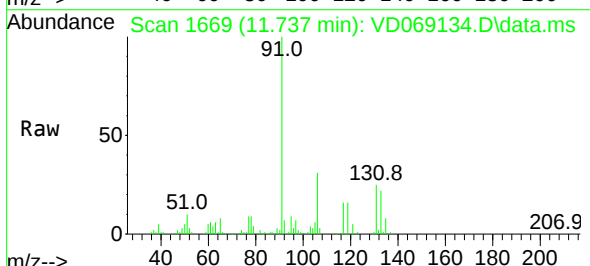
Manual Integrations
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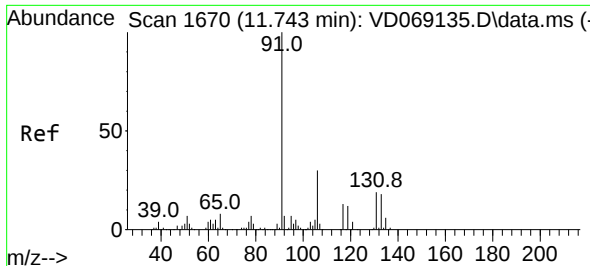
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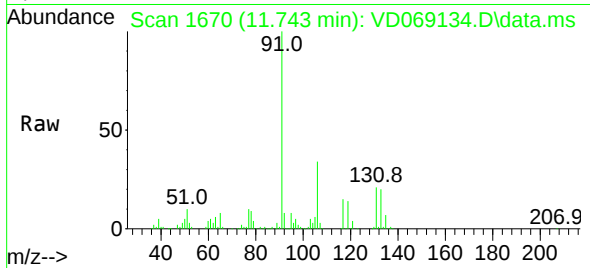
#66
1,1,1,2-Tetrachloroethane
Concen: 20.08 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:131 Resp: 70593
Ion Ratio Lower Upper
131 100
133 92.8 47.5 142.5
119 63.4 32.1 96.5

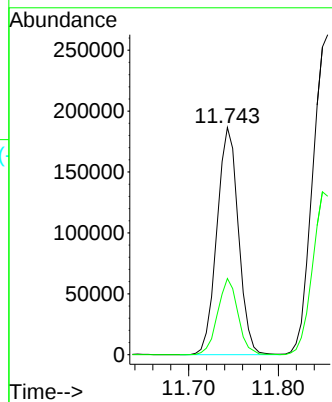
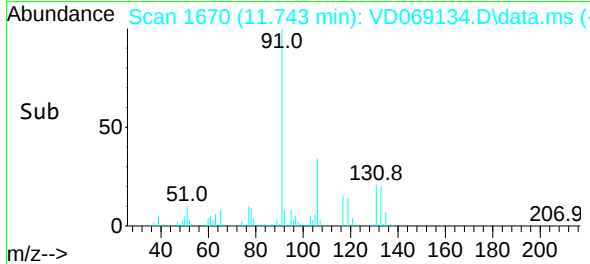




#67
Ethyl Benzene
Concen: 19.33 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



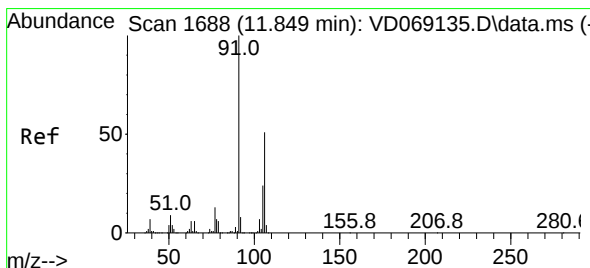
Tgt Ion: 91 Resp: 310081
Ion Ratio Lower Upper
91 100
106 33.5 24.0 36.0



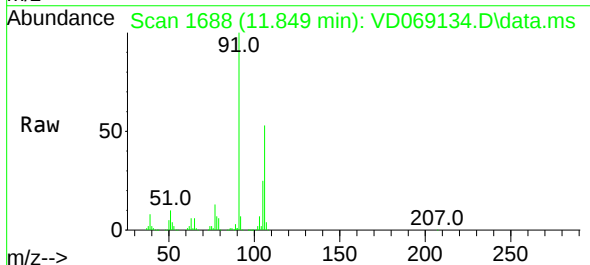
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

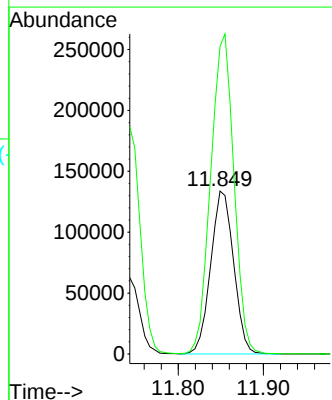
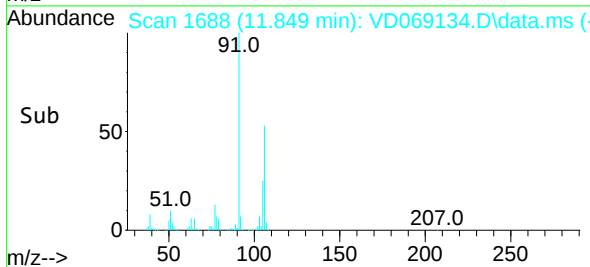
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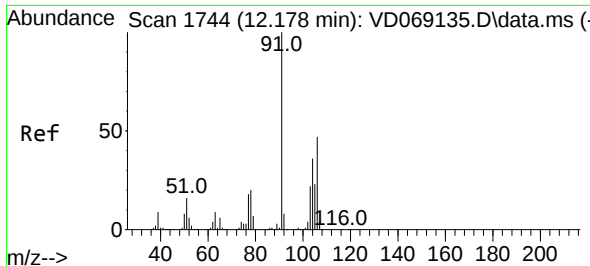


#68
m/p-Xylenes
Concen: 39.82 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



Tgt Ion: 106 Resp: 250362
Ion Ratio Lower Upper
106 100
91 198.7 157.3 235.9





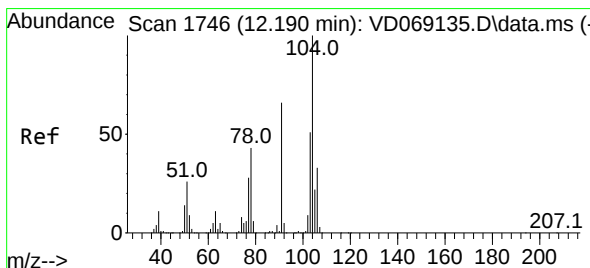
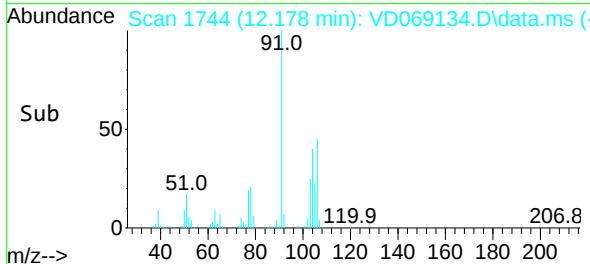
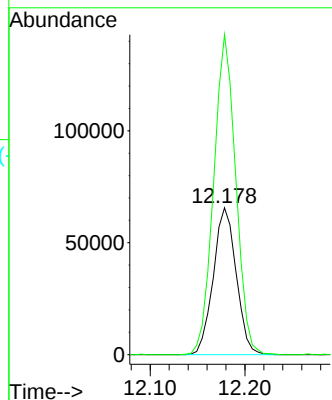
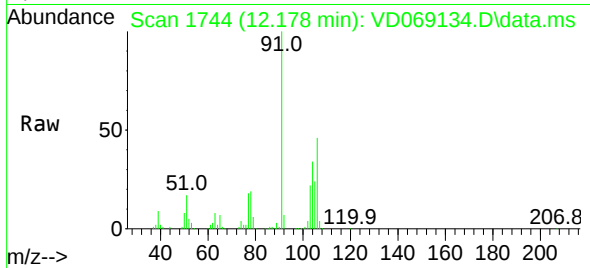
#69
o-Xylene
Concen: 19.72 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:106 Resp: 110279
Ion Ratio Lower Upper
106 100
91 210.3 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

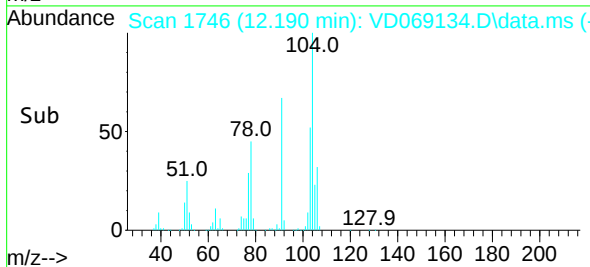
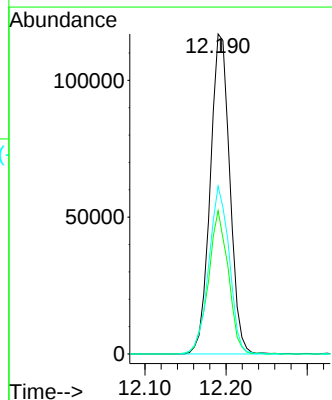
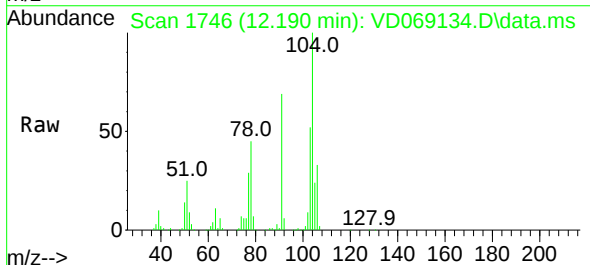
Manual Integrations
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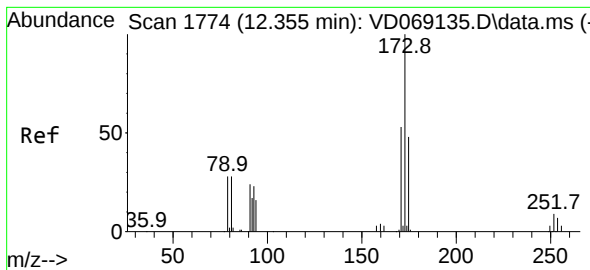
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#70
Styrene
Concen: 20.07 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

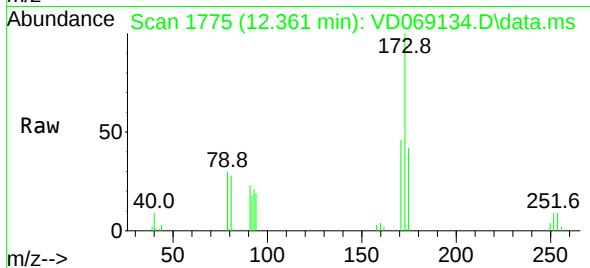
Tgt Ion:104 Resp: 195887
Ion Ratio Lower Upper
104 100
78 45.5 37.8 56.6
103 54.6 44.8 67.2





#71
Bromoform
Concen: 19.27 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

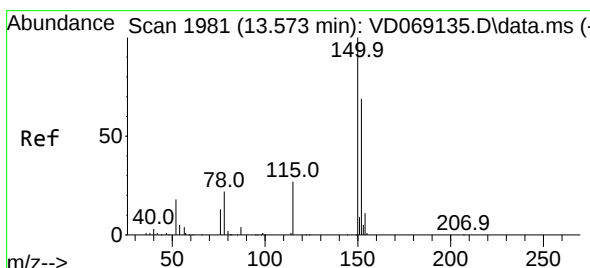
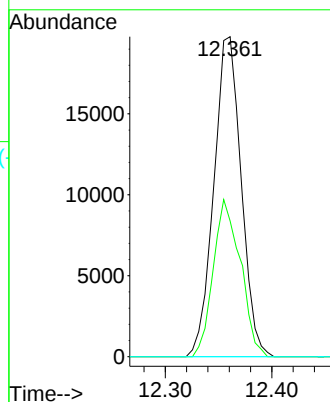
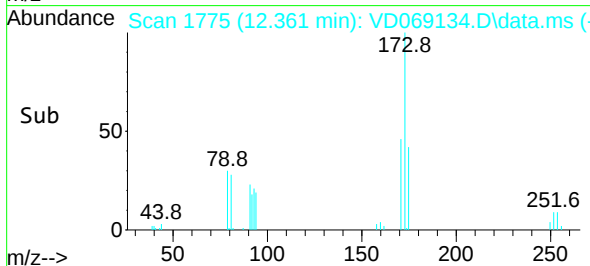
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



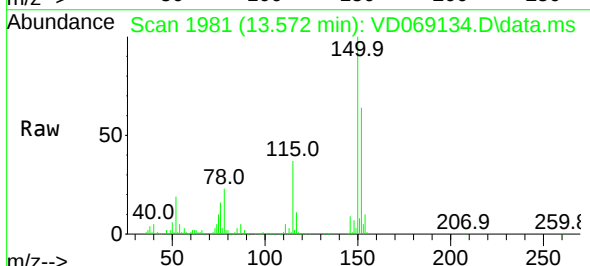
Tgt Ion:173 Resp: 35236
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

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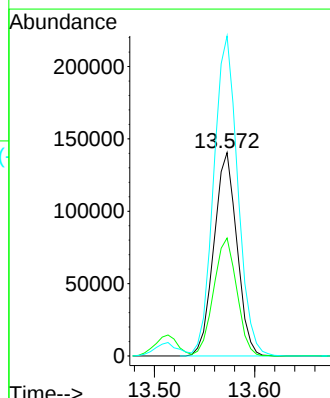
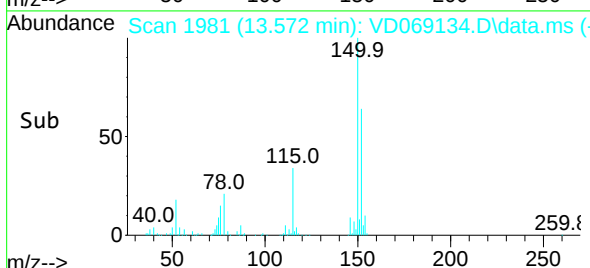
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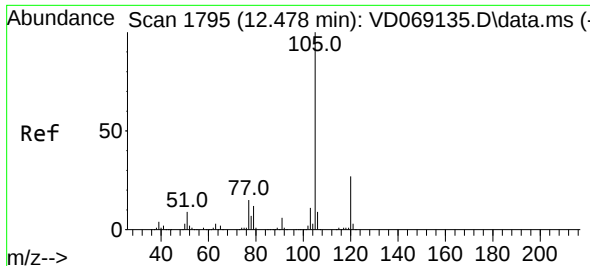


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



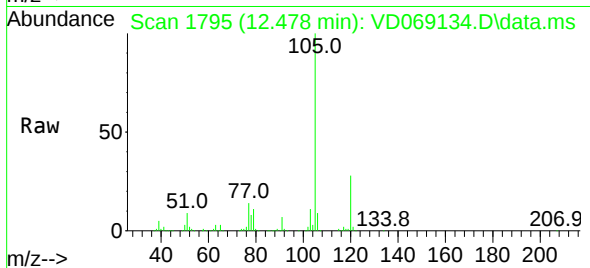
Tgt Ion:152 Resp: 223363
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.8
150 164.7 0.0 350.2





#73
Isopropylbenzene
Concen: 18.95 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

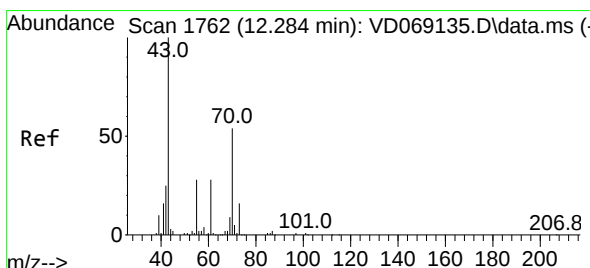
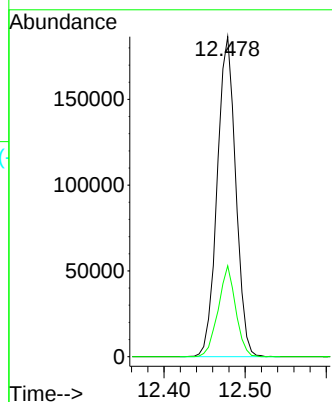
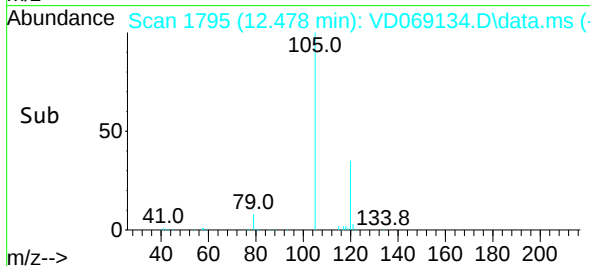
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



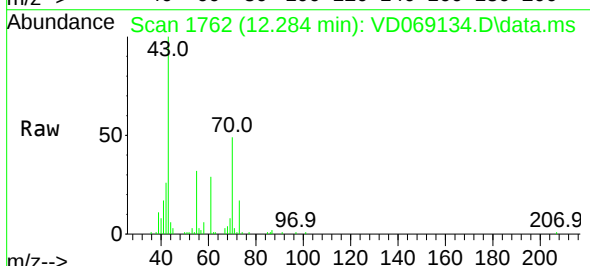
Tgt Ion:105 Resp: 295861
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
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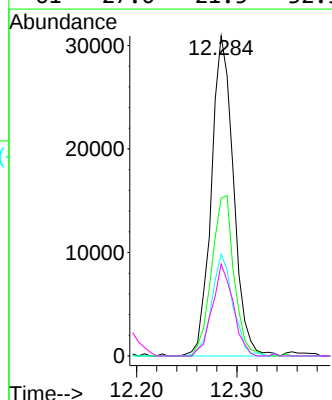
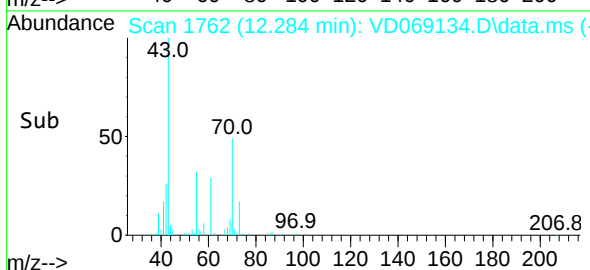
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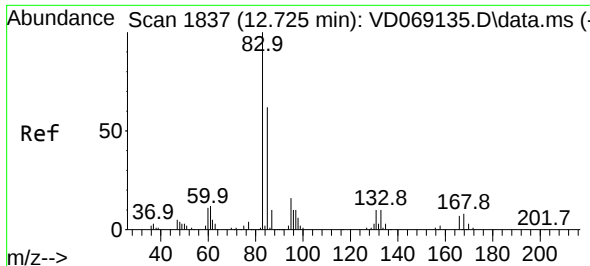


#74
N-ethyl acetate
Concen: 18.58 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



Tgt Ion: 43 Resp: 47431
Ion Ratio Lower Upper
43 100
70 50.6 41.6 62.4
55 30.4 22.6 34.0
61 27.0 21.5 32.3





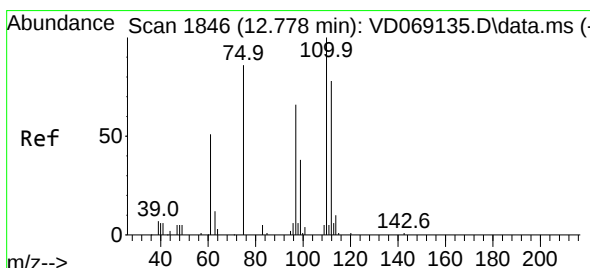
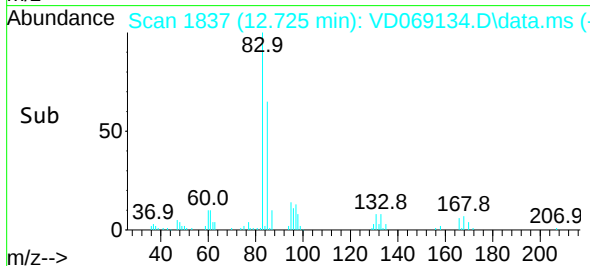
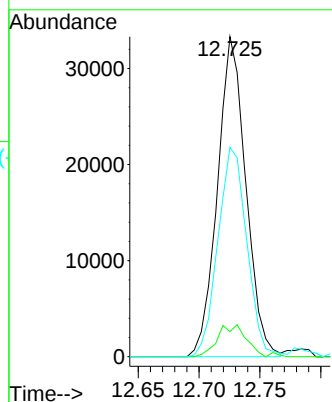
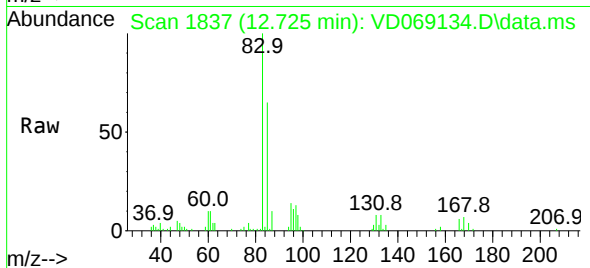
#75
1,1,2,2-Tetrachloroethane
Concen: 19.10 ug/l
RT: 12.725 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 83 Resp: 54033
Ion Ratio Lower Upper
83 100
131 10.0 5.4 16.2
85 66.7 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

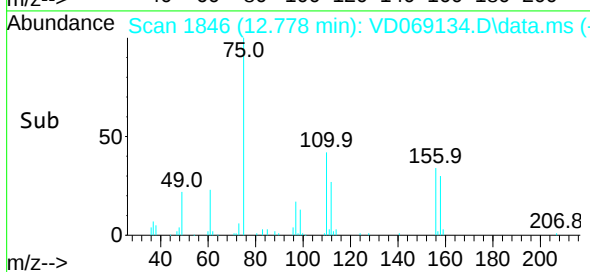
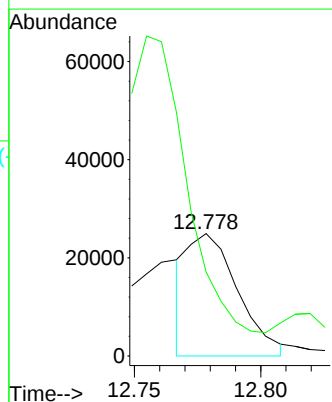
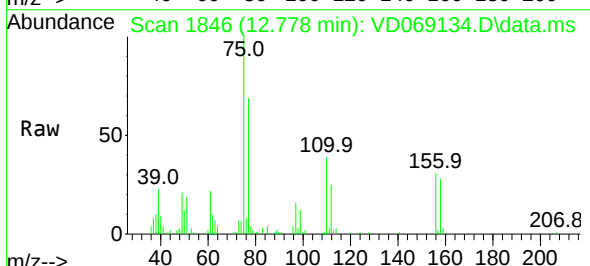
Manual Integrations
APPROVED

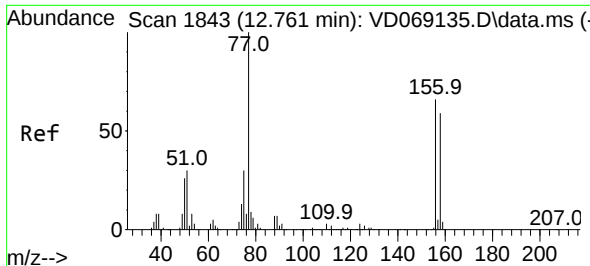
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#76
1,2,3-Trichloropropane
Concen: 20.70 ug/l m
RT: 12.778 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion: 75 Resp: 34623
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





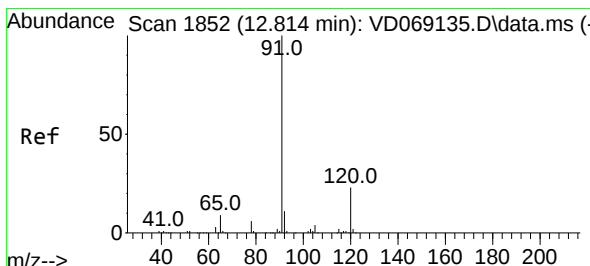
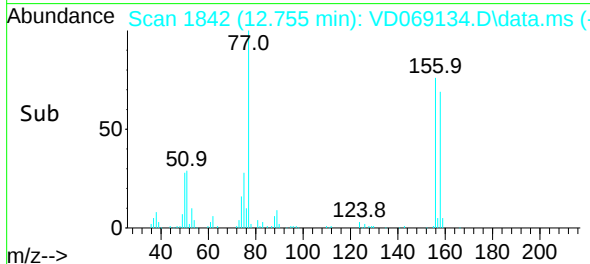
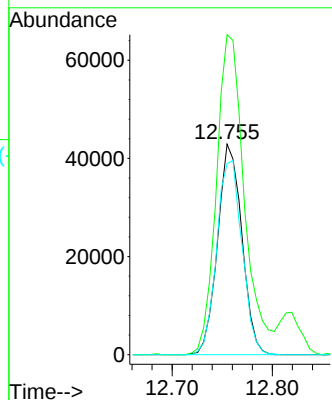
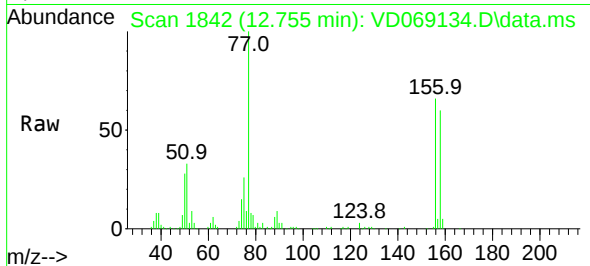
#77
Bromobenzene
Concen: 19.48 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:156 Resp: 72180
Ion Ratio Lower Upper
156 100
77 175.3 85.8 257.3
158 96.5 47.8 143.4

Instrument :
MSVOA_D
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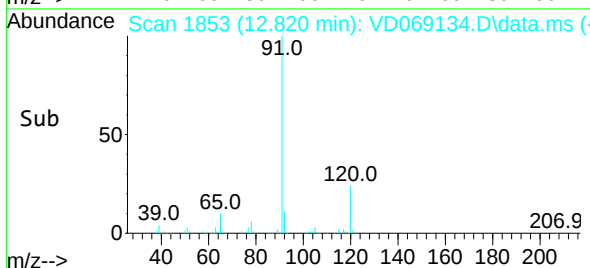
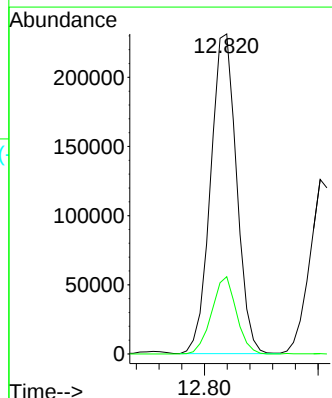
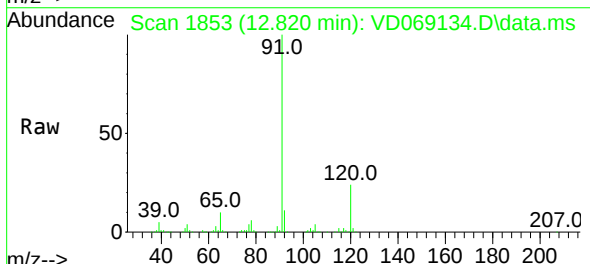
Manual Integrations
APPROVED

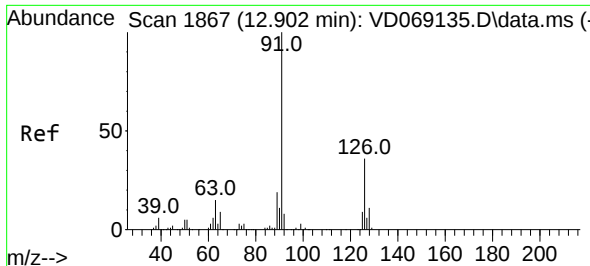
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#78
n-propylbenzene
Concen: 19.49 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

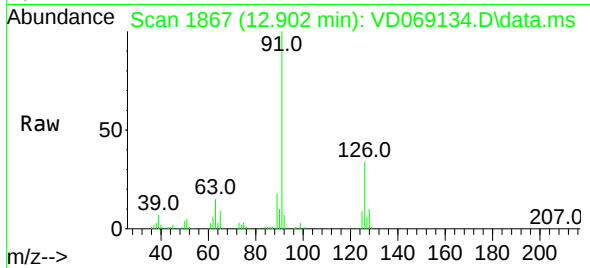
Tgt Ion: 91 Resp: 367053
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7





#79
2-Chlorotoluene
Concen: 19.84 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

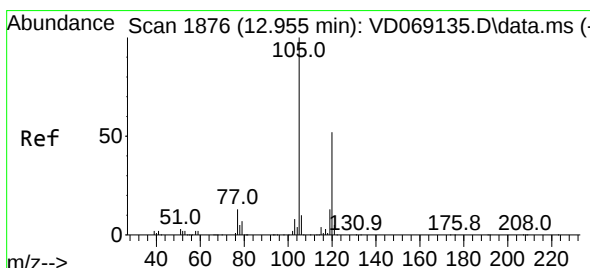
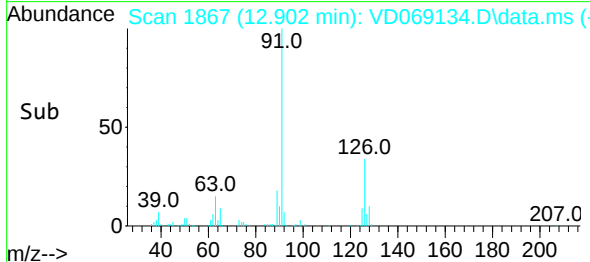
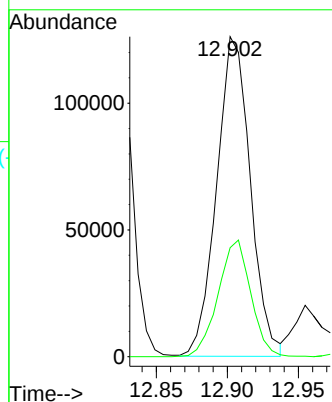
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 207972
Ion Ratio Lower Upper
91 100
126 35.4 18.1 54.1

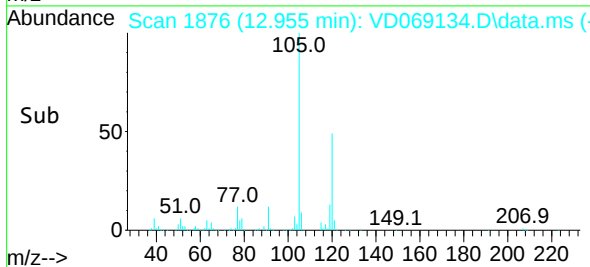
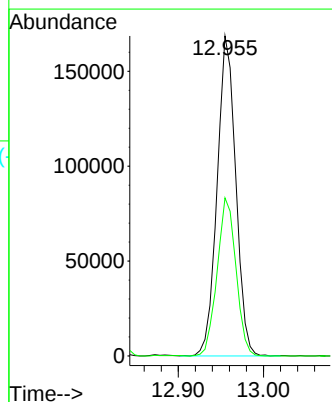
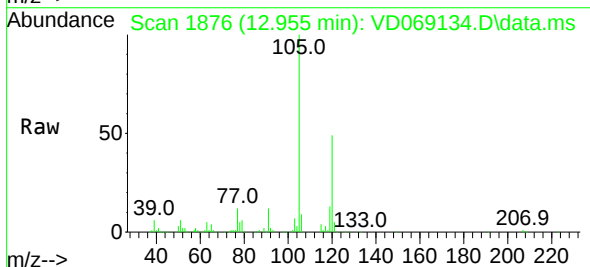
Manual Integrations
APPROVED

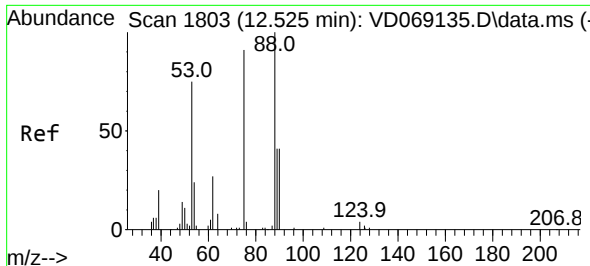
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#80
1,3,5-Trimethylbenzene
Concen: 19.91 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

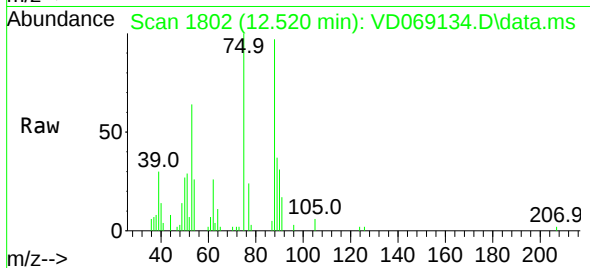
Tgt Ion: 105 Resp: 256289
Ion Ratio Lower Upper
105 100
120 49.9 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.20 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

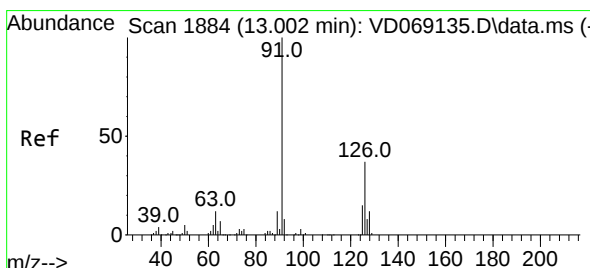
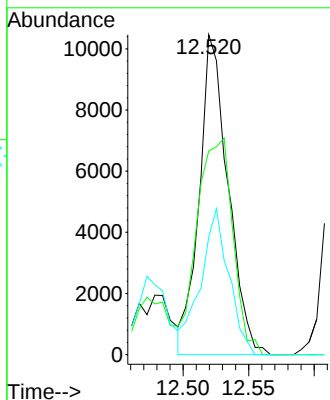
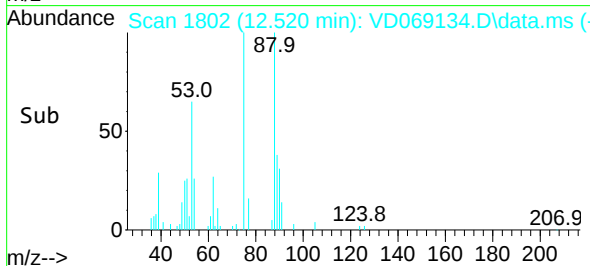
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



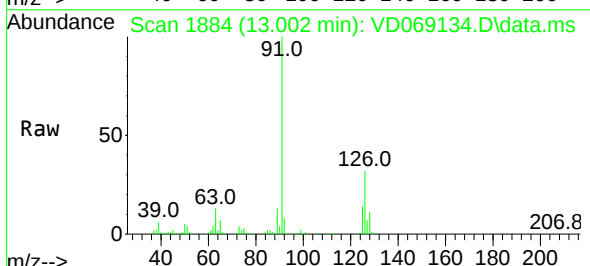
Tgt Ion: 75 Resp: 15960
Ion Ratio Lower Upper
75 100
53 83.9 70.0 105.0
89 44.9 40.2 60.2

Manual Integrations
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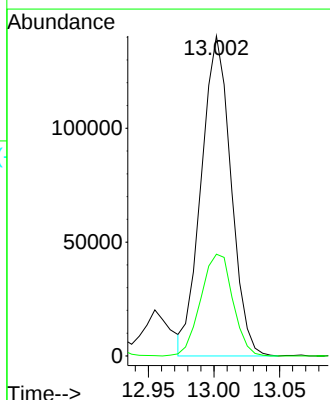
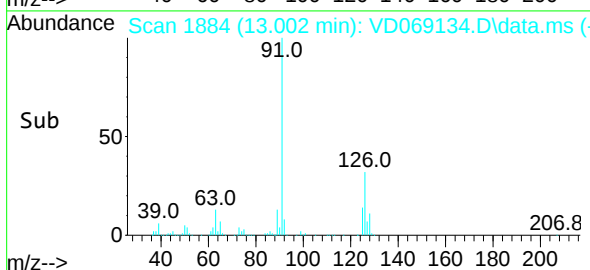
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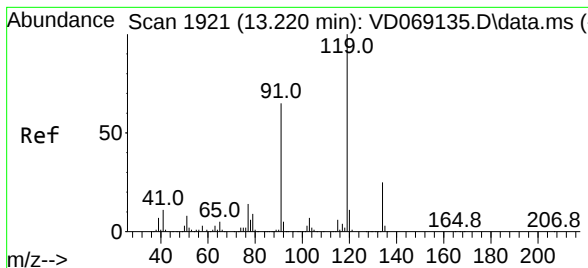


#82
4-Chlorotoluene
Concen: 19.85 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



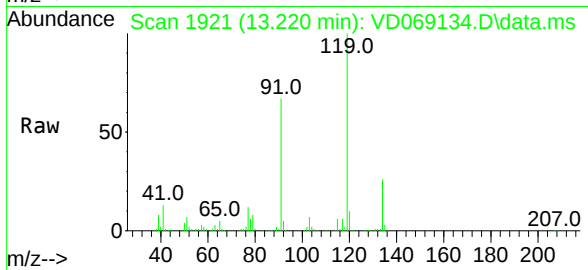
Tgt Ion: 91 Resp: 221587
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





#83
tert-Butylbenzene
Concen: 19.16 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

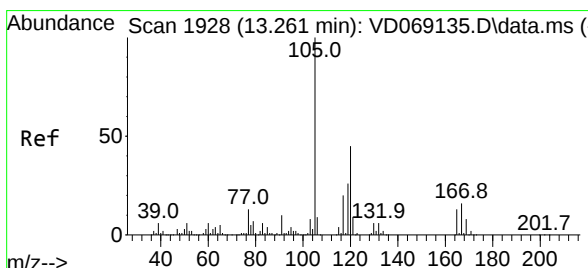
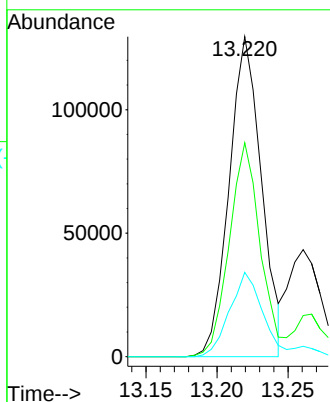
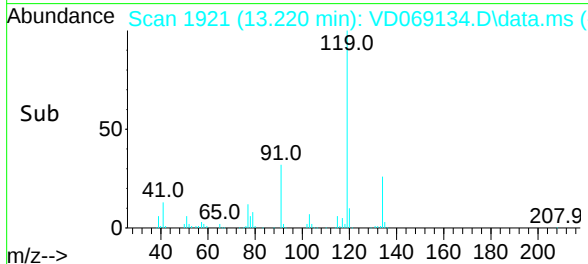
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



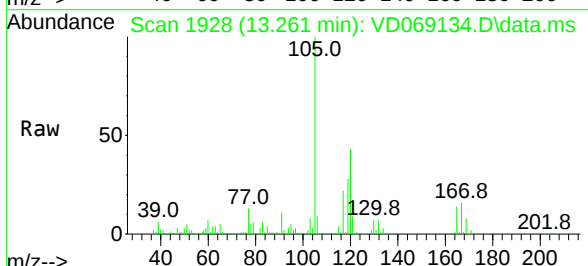
Tgt Ion:119 Resp: 205511
Ion Ratio Lower Upper
119 100
91 64.8 32.5 97.4
134 26.6 13.8 41.3

Manual Integrations
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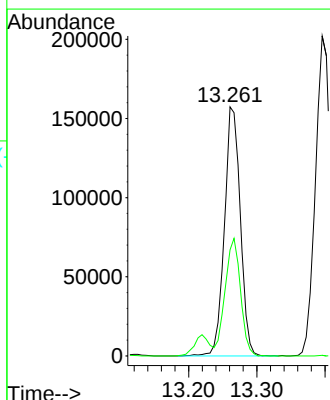
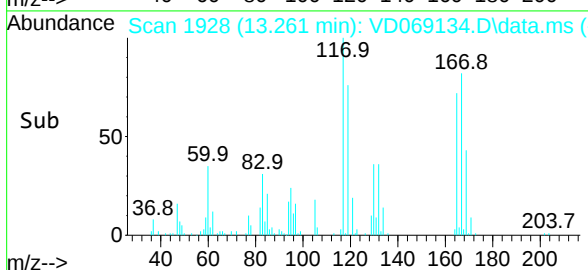
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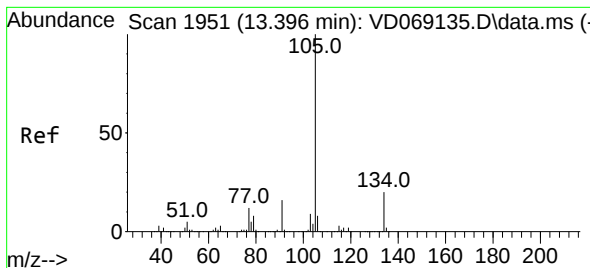


#84
1,2,4-Trimethylbenzene
Concen: 19.72 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



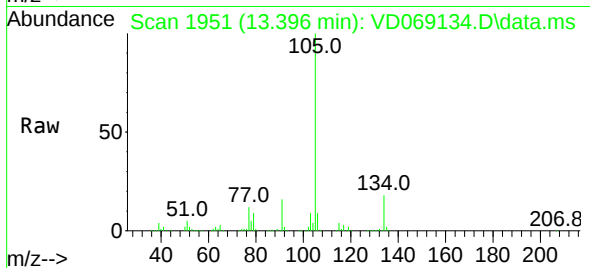
Tgt Ion:105 Resp: 255337
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.67 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD069134.D
 Acq: 12 May 2021 12:33

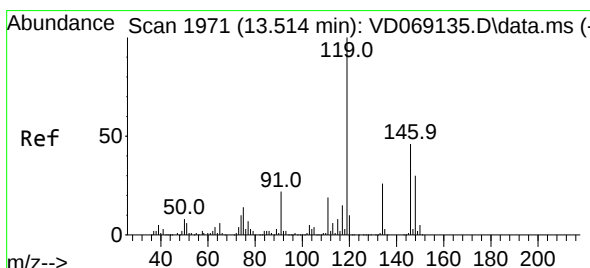
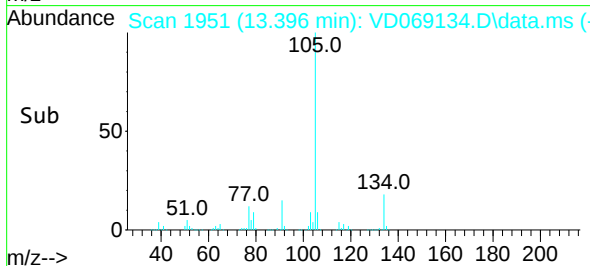
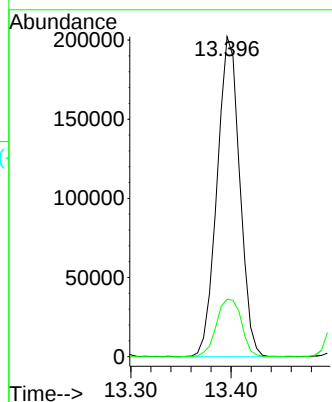
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



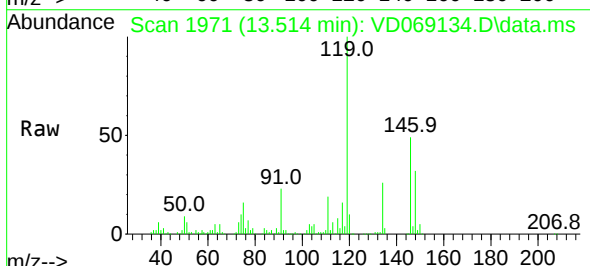
Tgt Ion:105 Resp: 317249
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8

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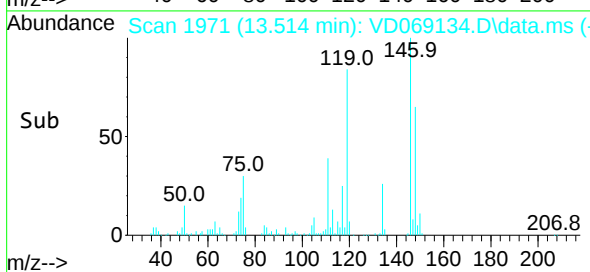
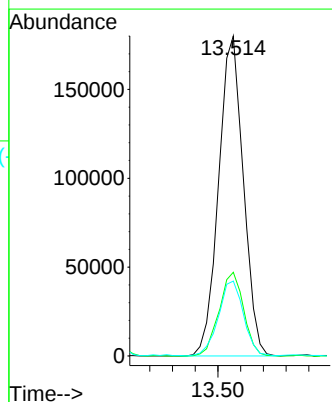
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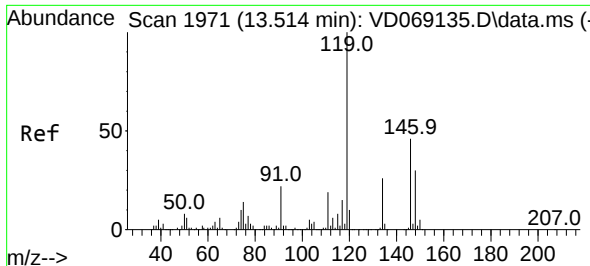


#86
 p-Isopropyltoluene
 Concen: 19.19 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD069134.D
 Acq: 12 May 2021 12:33

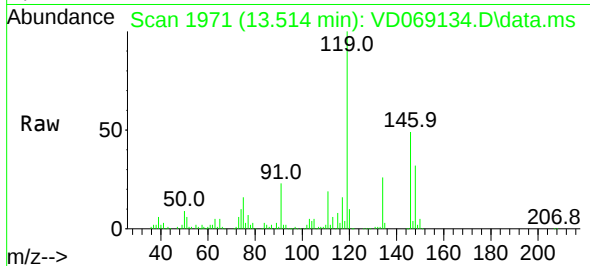


Tgt Ion:119 Resp: 271929
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.9 11.3 33.9

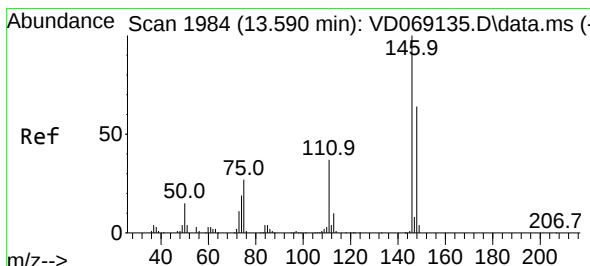
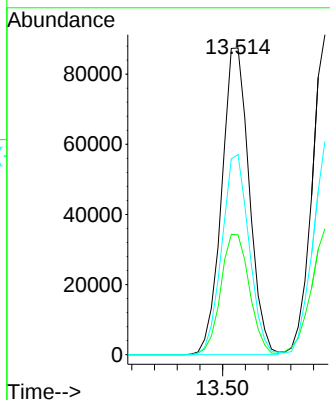
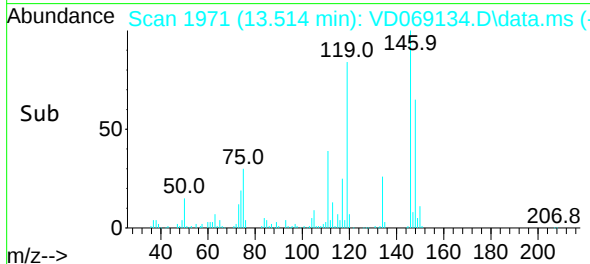




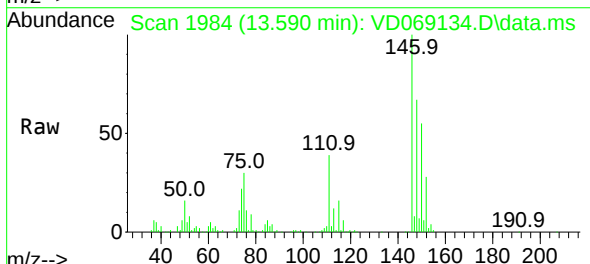
#87
1,3-Dichlorobenzene
Concen: 19.63 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



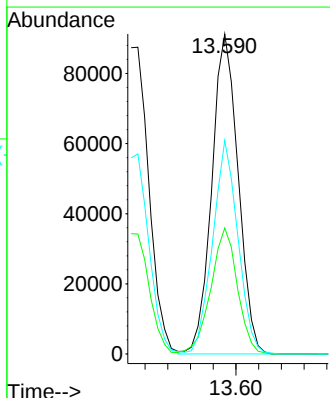
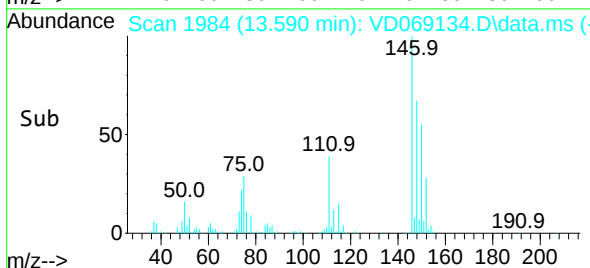
Tgt Ion:146 Resp: 147170
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.6
148 64.7 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 19.78 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



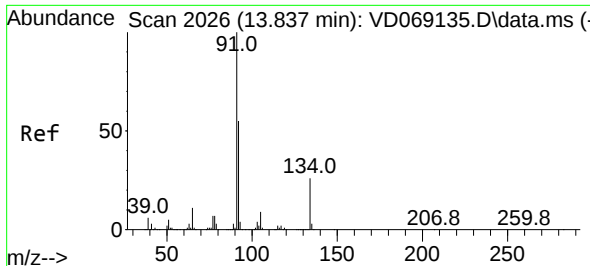
Tgt Ion:146 Resp: 146870
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 64.1 32.4 97.0



Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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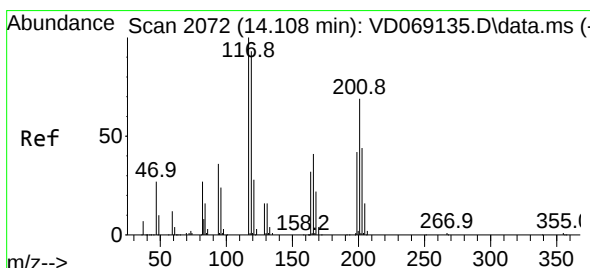
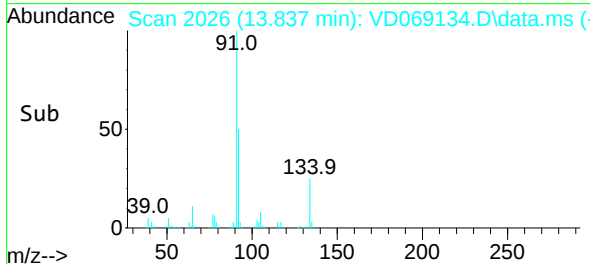
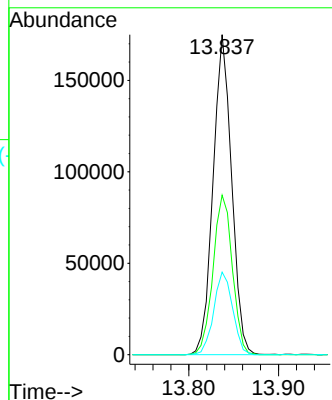
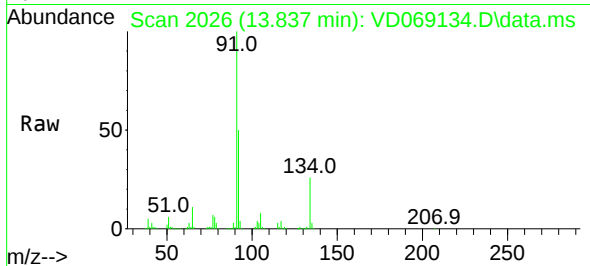
#89
n-Butylbenzene
Concen: 19.04 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:	91	Resp:	251392
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.5	79.5
134	26.3	13.0	39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

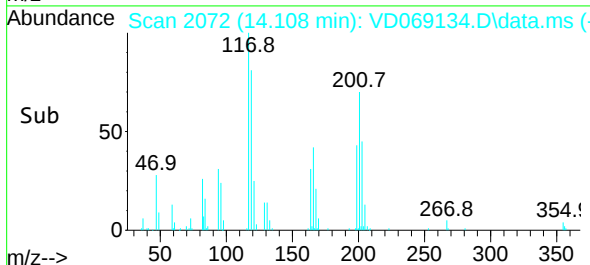
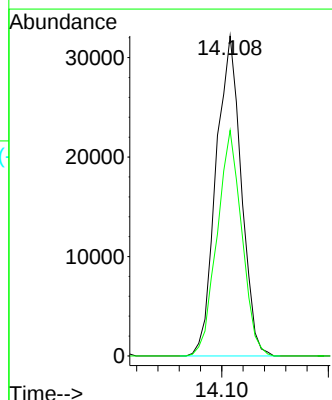
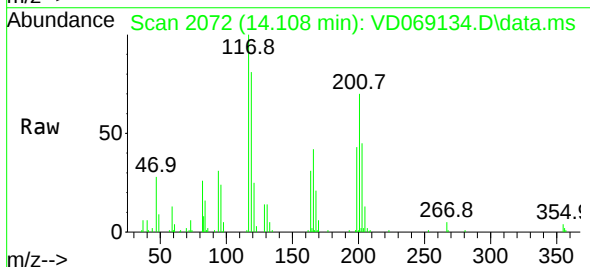
Manual Integrations
APPROVED

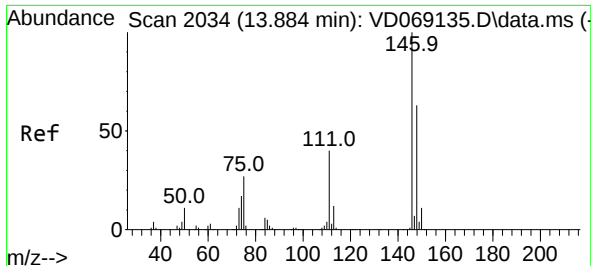
MMDadoda
5/13/2021 4:05:44 PM



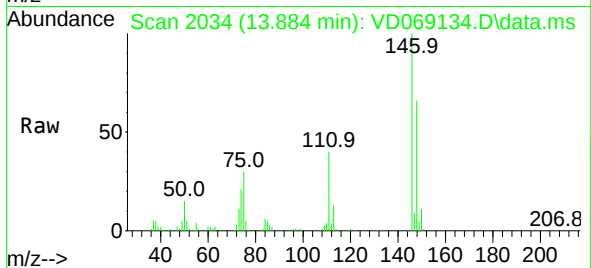
#90
Hexachloroethane
Concen: 19.90 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:	117	Resp:	52846
Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.4	106.1

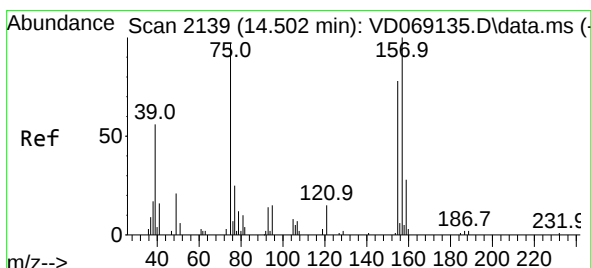
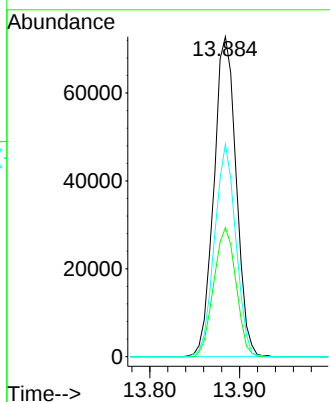
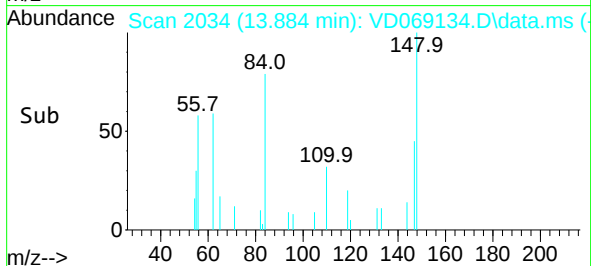




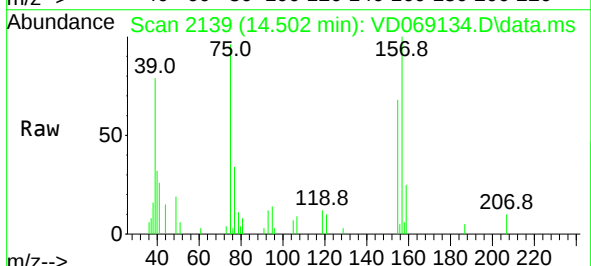
#91
1,2-Dichlorobenzene
Concen: 19.50 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



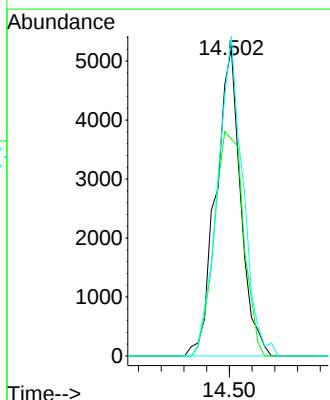
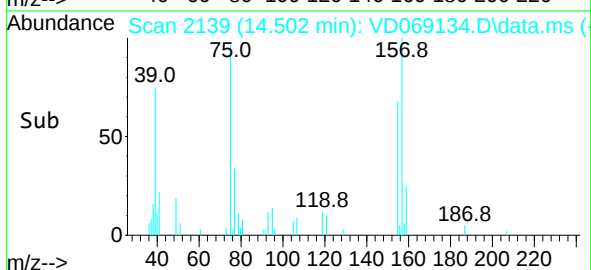
Tgt Ion:146 Resp: 125573
Ion Ratio Lower Upper
146 100
111 40.3 20.3 61.0
148 63.3 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.99 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



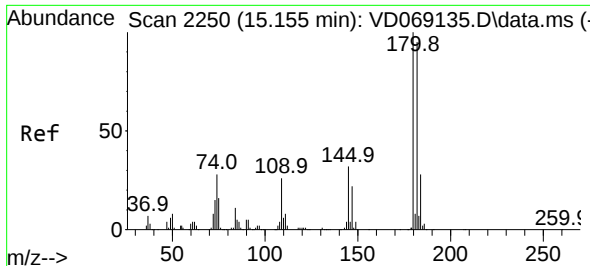
Tgt Ion: 75 Resp: 7901
Ion Ratio Lower Upper
75 100
155 86.1 43.9 131.7
157 106.3 54.9 164.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

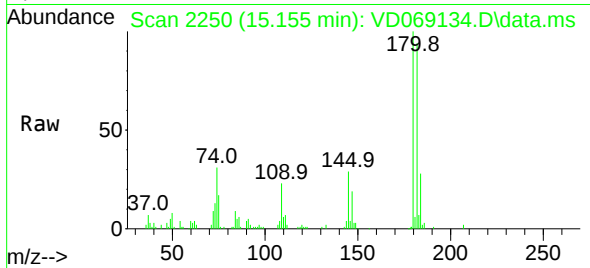
Manual Integrations
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5/13/2021 4:05:44 PM



#93
1,2,4-Trichlorobenzene
Concen: 18.27 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

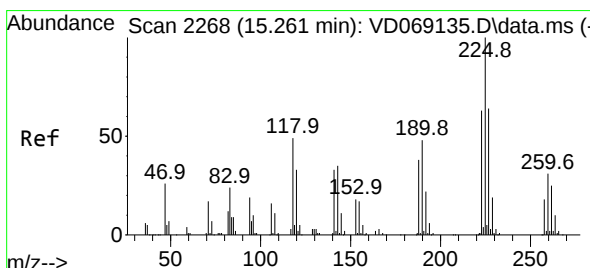
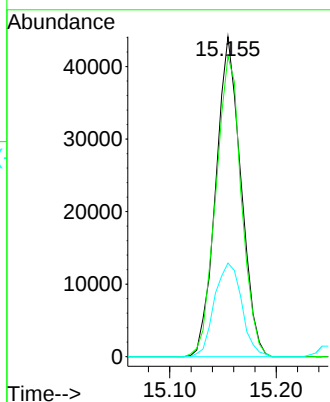
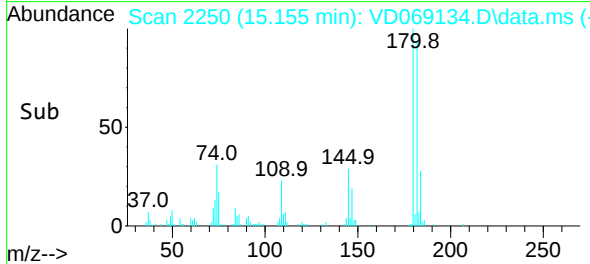
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



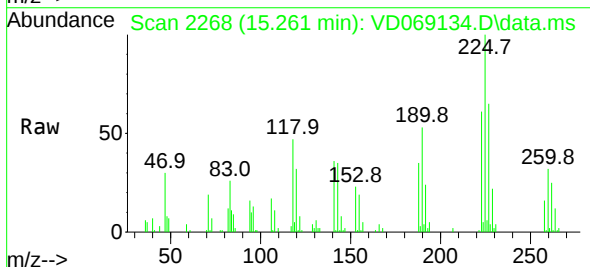
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	31.7	15.6	46.8

Manual Integrations
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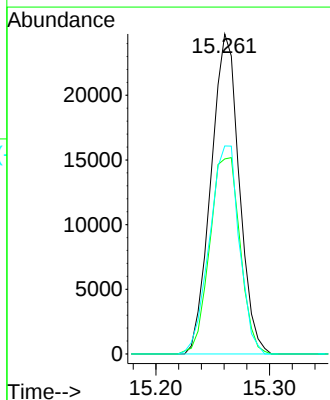
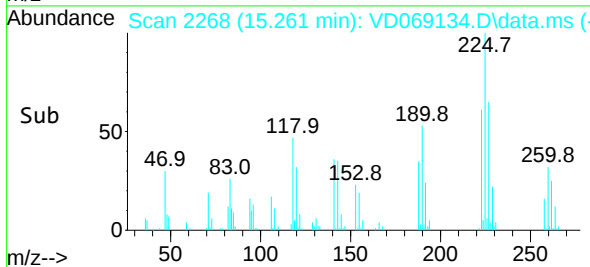
MMDadoda
5/13/2021 4:05:44 PM

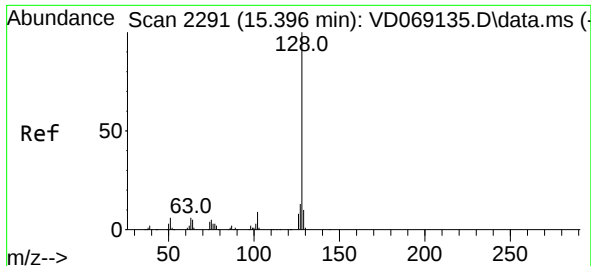


#94
Hexachlorobutadiene
Concen: 18.03 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33



Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.1	93.5
227	68.6	31.6	95.0





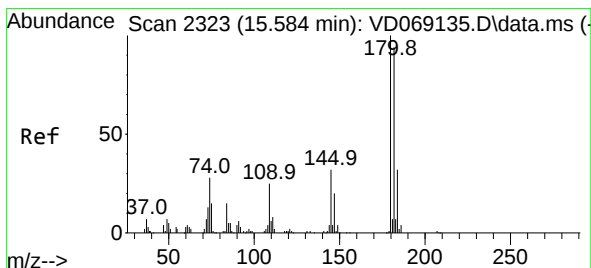
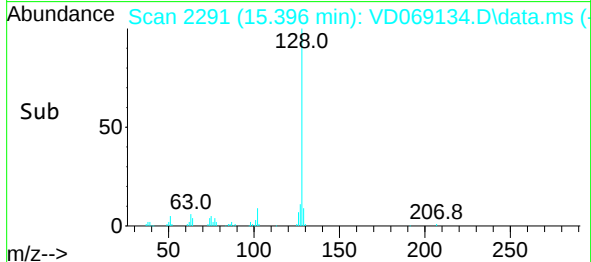
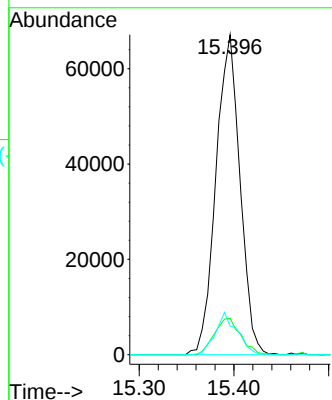
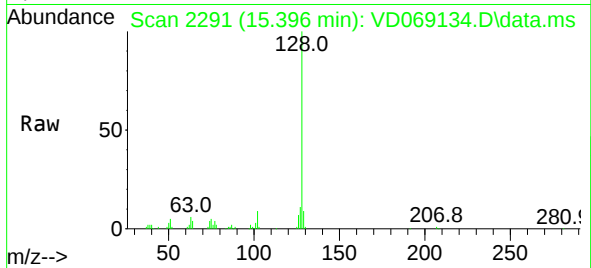
#95
Naphthalene
Concen: 17.93 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:	128	Resp:	118517
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	12.0	8.9	13.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

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5/13/2021 4:05:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.28 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VD069134.D
Acq: 12 May 2021 12:33

Tgt Ion:	180	Resp:	65101
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.8	143.4
145	33.1	16.1	48.3

