

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
 Data File : VD069141.D
 Acq On : 12 May 2021 17:31
 Operator : VA/SY
 Sample : VD0512SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBSD01

Manual Integrations
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Quant Time: May 13 04:18:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	288227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	507062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	471423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150571	52.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.22%			
35) Dibromofluoromethane	7.914	113	160287	48.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.14%			
50) Toluene-d8	10.338	98	596463	49.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.38%			
62) 4-Bromofluorobenzene	12.626	95	195420	50.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	65130	21.25	ug/l	99
3) Chloromethane	2.209	50	77357	21.96	ug/l	98
4) Vinyl Chloride	2.350	62	94322	20.32	ug/l	99
5) Bromomethane	2.756	94	75533	21.63	ug/l	96
6) Chloroethane	2.920	64	67945	22.75	ug/l	98
7) Trichlorofluoromethane	3.273	101	135815	23.98	ug/l	94
8) Diethyl Ether	3.709	74	28722	22.21	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	66278	20.65	ug/l	98
10) Methyl Iodide	4.297	142	59758	18.48	ug/l	98
11) Tert butyl alcohol	5.209	59	26774	165.34	ug/l #	83
12) 1,1-Dichloroethene	4.067	96	59858	20.76	ug/l	96
13) Acrolein	3.920	56	22896	97.39	ug/l	98
14) Allyl chloride	4.714	41	67014	21.19	ug/l	95
15) Acrylonitrile	5.426	53	54319	112.57	ug/l	95
16) Acetone	4.162	43	40751	92.08	ug/l	91
17) Carbon Disulfide	4.414	76	198510	20.77	ug/l	96
18) Methyl Acetate	4.720	43	22753	21.16	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	115536	22.08	ug/l	99
20) Methylene Chloride	4.967	84	103937	24.18	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	73176	21.40	ug/l	93
22) Diisopropyl ether	6.367	45	143980	22.79	ug/l	96
23) Vinyl Acetate	6.308	43	400579	107.44	ug/l	97
24) 1,1-Dichloroethane	6.267	63	118692	21.75	ug/l	98
25) 2-Butanone	7.214	43	60167	100.33	ug/l	96
26) 2,2-Dichloropropane	7.208	77	102377	20.06	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	76820	20.69	ug/l	99
28) Bromochloromethane	7.550	49	41202	21.18	ug/l	98
29) Tetrahydrofuran	7.561	42	35124	107.75	ug/l	97
30) Chloroform	7.708	83	132718	21.60	ug/l	90
31) Cyclohexane	7.985	56	85084	19.87	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	117107	21.00	ug/l	99
36) 1,1-Dichloropropene	8.108	75	95373	19.35	ug/l	98
37) Ethyl Acetate	7.291	43	30685	19.37	ug/l	96
38) Carbon Tetrachloride	8.097	117	102515	18.60	ug/l	96
39) Methylcyclohexane	9.355	83	94603	18.19	ug/l	90
40) Benzene	8.350	78	281692	19.95	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	20000m	23.72	ug/l	
42) 1,2-Dichloroethane	8.426	62	76671	19.88	ug/l	98
43) Isopropyl Acetate	8.450	43	55971	19.46	ug/l	97
44) Trichloroethene	9.114	130	75921	19.24	ug/l	98
45) 1,2-Dichloropropane	9.391	63	64420	19.33	ug/l	97
46) Dibromomethane	9.479	93	38222	19.18	ug/l	94
47) Bromodichloromethane	9.661	83	98319	19.39	ug/l	97
48) Methyl methacrylate	9.461	41	24637	18.52	ug/l	91
49) 1,4-Dioxane	9.461	88	7254	362.70	ug/l #	80
51) 4-Methyl-2-Pentanone	10.226	43	145475	98.31	ug/l	100
52) Toluene	10.402	92	178607	19.60	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	87839	19.72	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	105326	19.78	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	55086	20.51	ug/l	94
56) Ethyl methacrylate	10.661	69	57773	20.52	ug/l	96
57) 1,3-Dichloropropane	10.944	76	89812	20.69	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	136551	102.72	ug/l	99
59) 2-Hexanone	10.985	43	95788	97.00	ug/l	99
60) Dibromochloromethane	11.138	129	67475	19.56	ug/l	100
61) 1,2-Dibromoethane	11.243	107	50635	19.08	ug/l	100
64) Tetrachloroethene	10.873	164	65202	19.90	ug/l	95
65) Chlorobenzene	11.667	112	196635	20.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	73881	20.05	ug/l	98
67) Ethyl Benzene	11.743	91	331513	19.71	ug/l	97
68) m/p-Xylenes	11.849	106	258045	39.16	ug/l	96
69) o-Xylene	12.179	106	119183	20.34	ug/l	100
70) Styrene	12.191	104	208599	20.39	ug/l	98
71) Bromoform	12.361	173	37878	19.76	ug/l #	99
73) Isopropylbenzene	12.479	105	310080	19.66	ug/l	99
74) N-amyl acetate	12.285	43	51423	19.93	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.726	83	56803	19.87	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	38813m	22.88	ug/l	
77) Bromobenzene	12.755	156	80962	21.63	ug/l	97
78) n-propylbenzene	12.814	91	385103	20.23	ug/l	100
79) 2-Chlorotoluene	12.902	91	216132	20.41	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	269260	20.70	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	17087	20.34	ug/l	94
82) 4-Chlorotoluene	13.002	91	228985	20.30	ug/l	99
83) tert-Butylbenzene	13.220	119	220156	20.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	265763	20.31	ug/l	100
85) sec-Butylbenzene	13.396	105	325185	19.95	ug/l	99
86) p-Isopropyltoluene	13.514	119	282486	19.73	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	148823	19.64	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	151967	20.25	ug/l	98
89) n-Butylbenzene	13.837	91	258016	19.34	ug/l	100
90) Hexachloroethane	14.102	117	52096	19.41	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	132731	20.40	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9421	21.23	ug/l	90
93) 1,2,4-Trichlorobenzene	15.155	180	79360	19.90	ug/l	98
94) Hexachlorobutadiene	15.261	225	44254	18.50	ug/l	95
95) Naphthalene	15.396	128	131389	19.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	67832	19.89	ug/l	100

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ClientSampleId :
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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

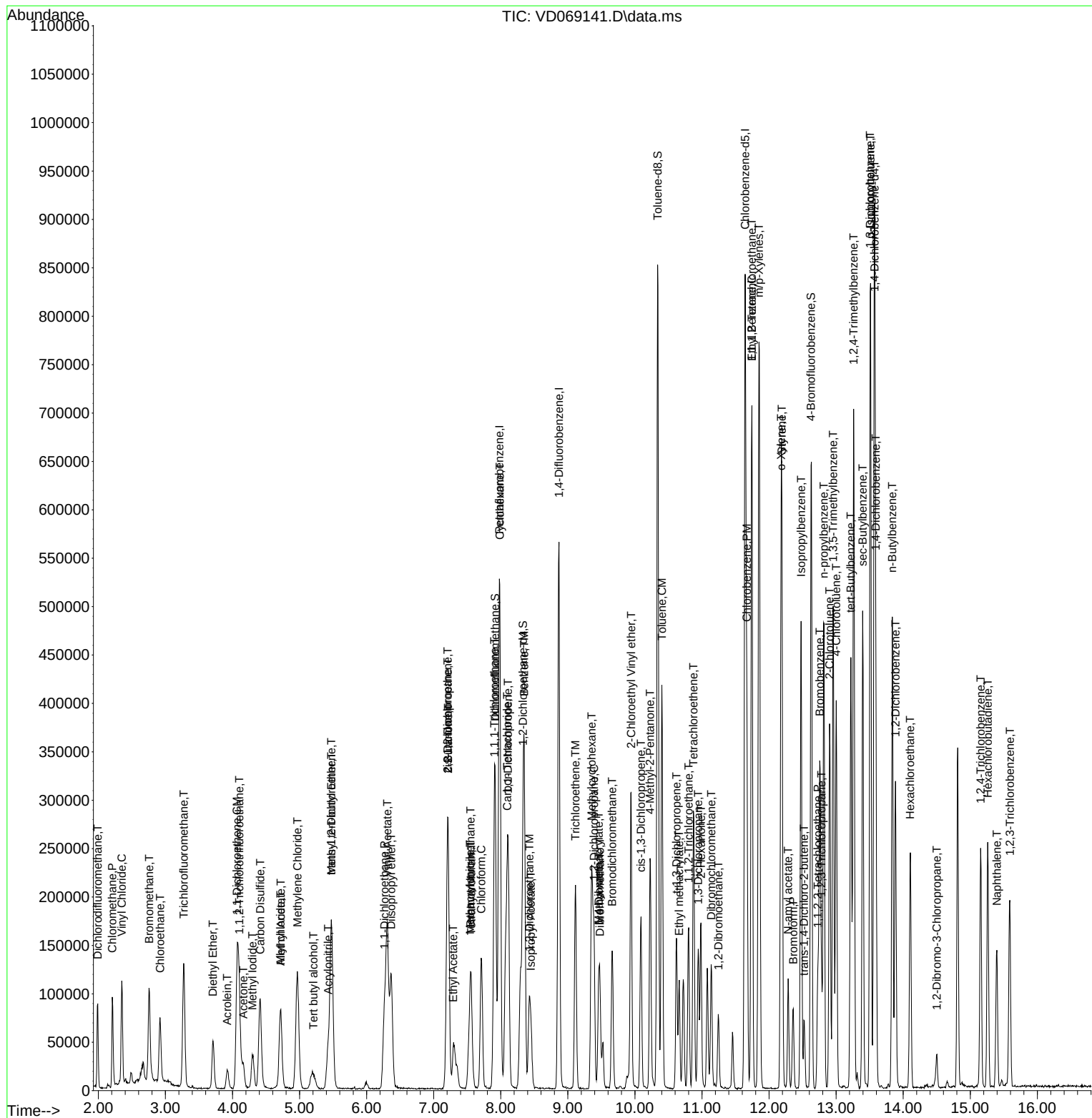
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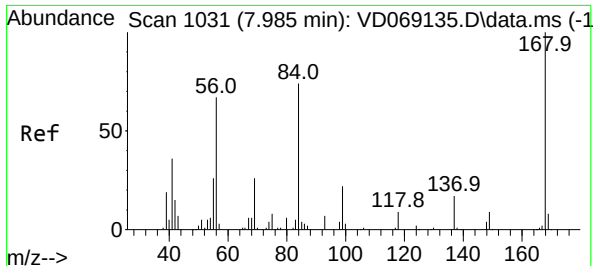
Instrument :
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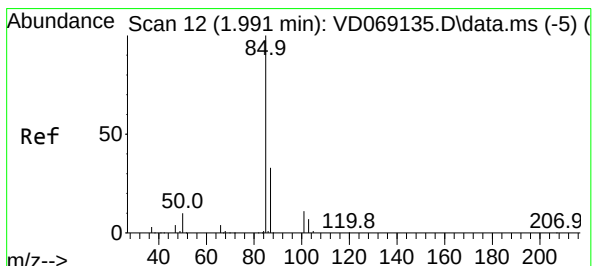
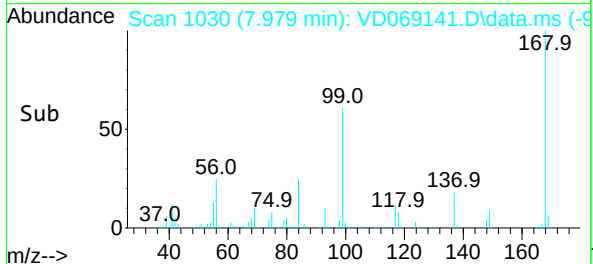
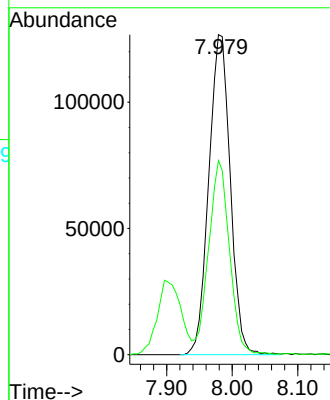
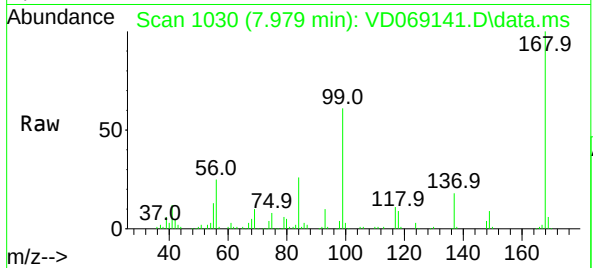
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 168 Resp: 288227
Ion Ratio Lower Upper
168 100
99 60.4 47.2 70.8

Instrument :
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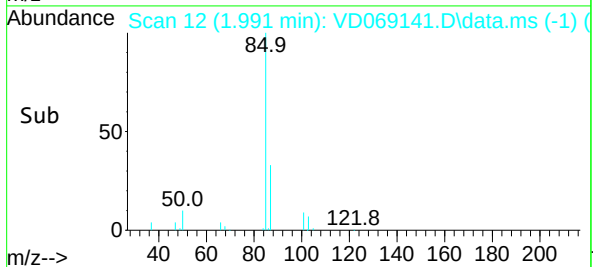
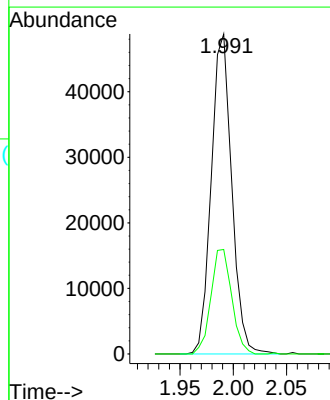
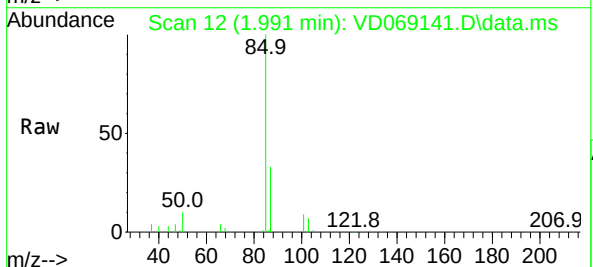
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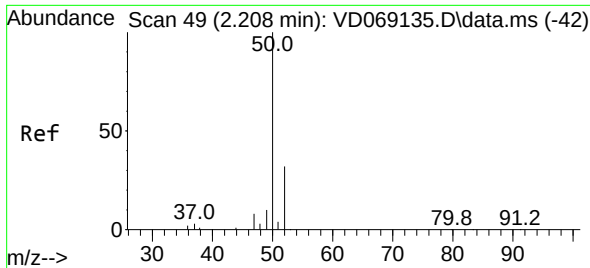
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#2
Dichlorodifluoromethane
Concen: 21.25 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 85 Resp: 65130
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5





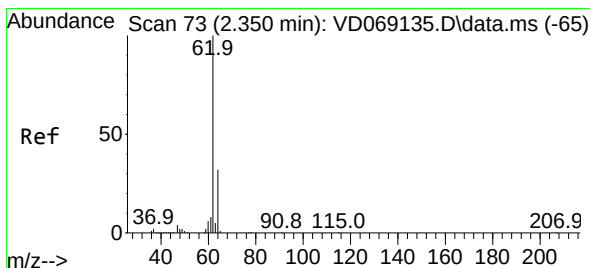
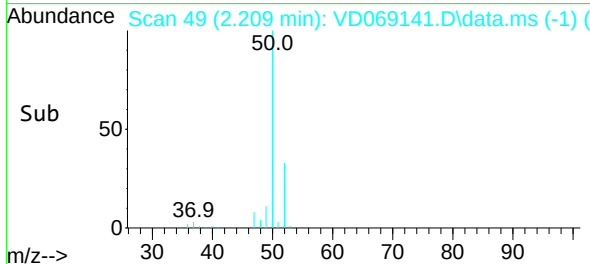
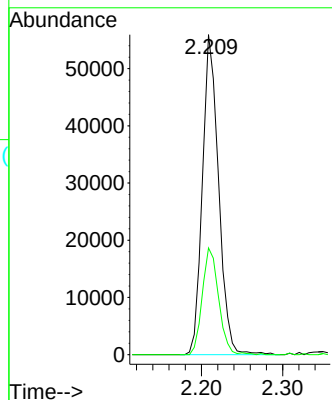
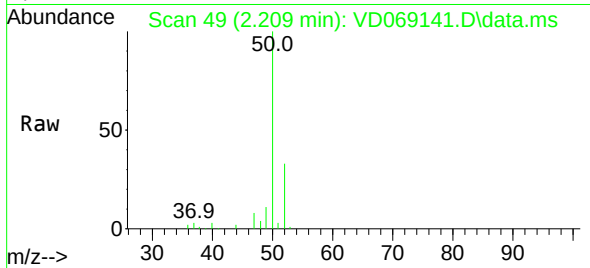
#3
Chloromethane
Concen: 21.96 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 50 Resp: 77357
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.8

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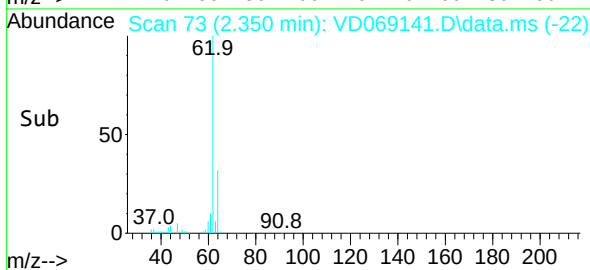
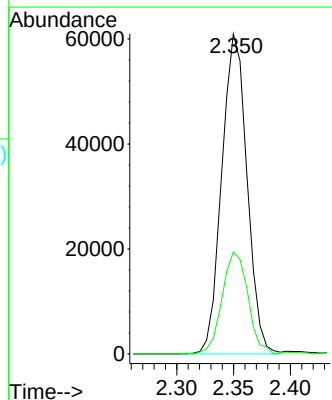
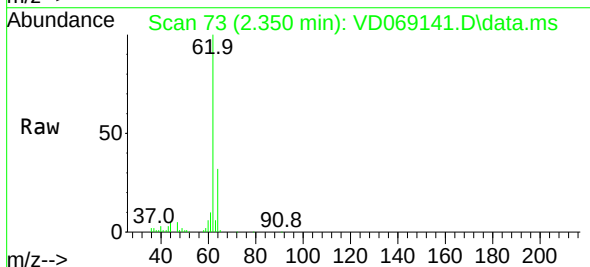
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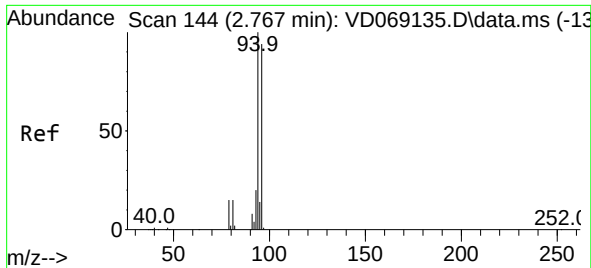
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#4
Vinyl Chloride
Concen: 20.32 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

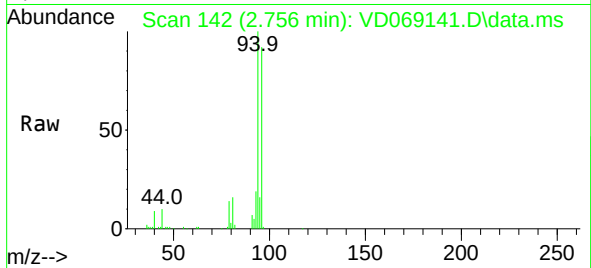
Tgt Ion: 62 Resp: 94322
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9





#5
Bromomethane
Concen: 21.63 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

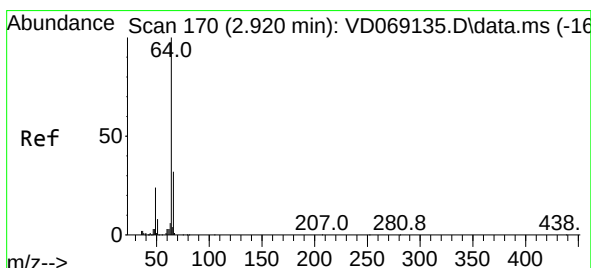
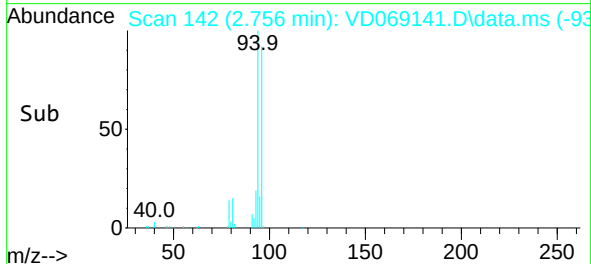
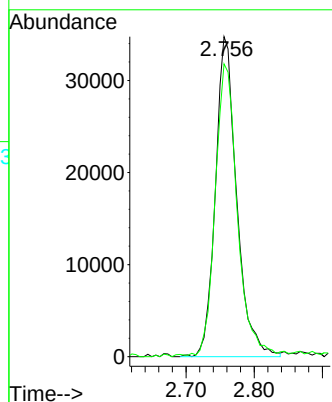
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Tgt Ion: 94 Resp: 75533
Ion Ratio Lower Upper
94 100
96 90.8 75.4 113.0

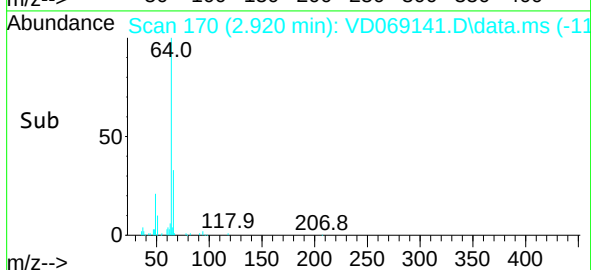
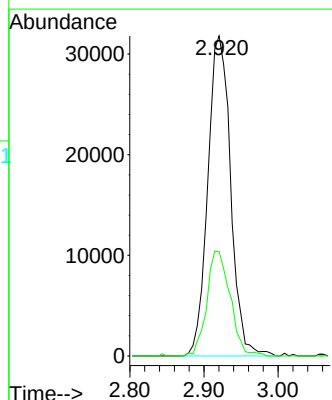
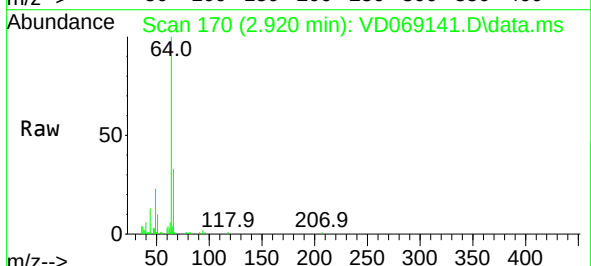
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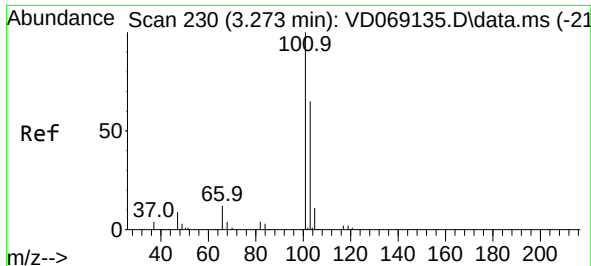
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#6
Chloroethane
Concen: 22.75 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 64 Resp: 67945
Ion Ratio Lower Upper
64 100
66 32.7 25.2 37.8





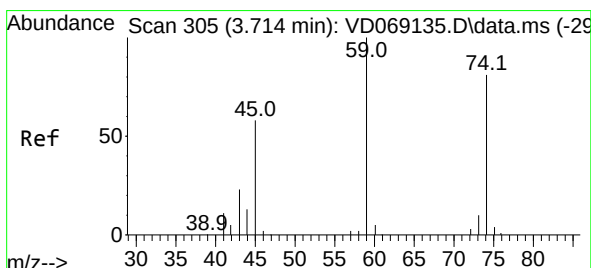
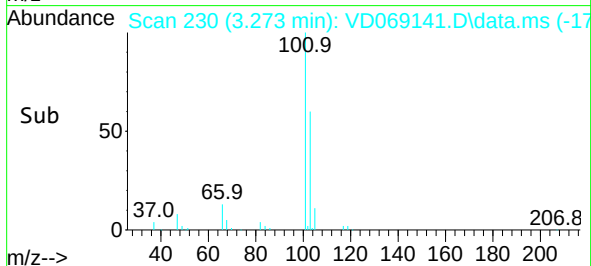
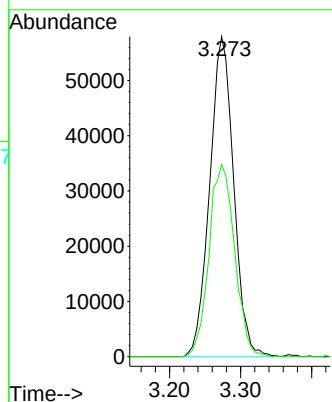
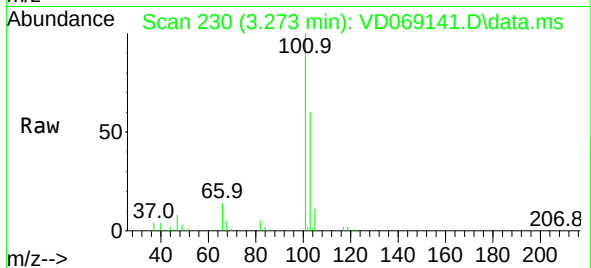
#7
Trichlorofluoromethane
Concen: 23.98 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:101 Resp: 135815
Ion Ratio Lower Upper
101 100
103 60.1 51.9 77.9

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

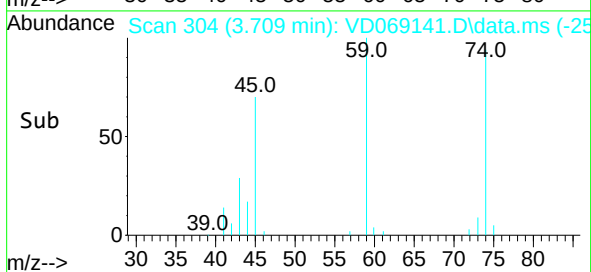
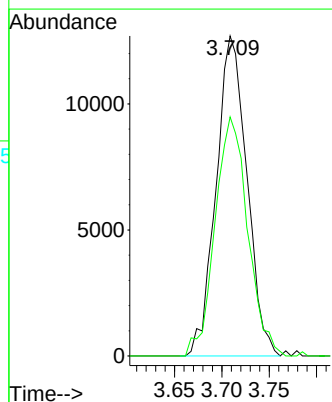
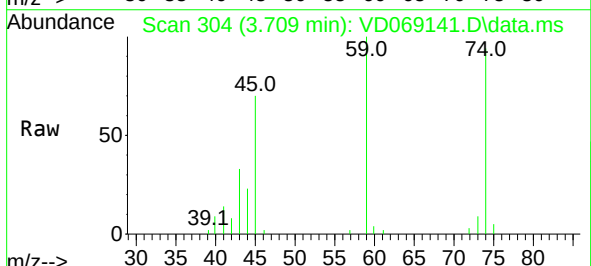
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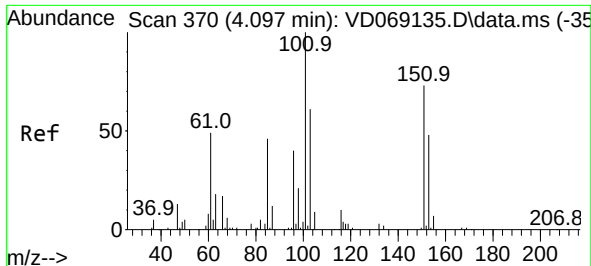
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#8
Diethyl Ether
Concen: 22.21 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

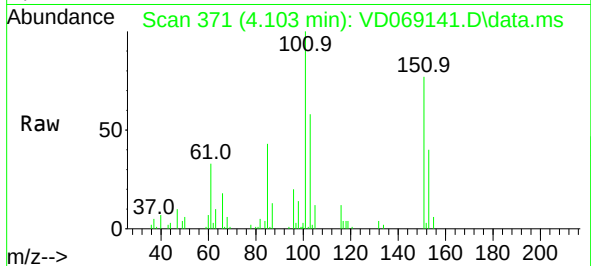
Tgt Ion: 74 Resp: 28722
Ion Ratio Lower Upper
74 100
45 79.2 38.1 114.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.65 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

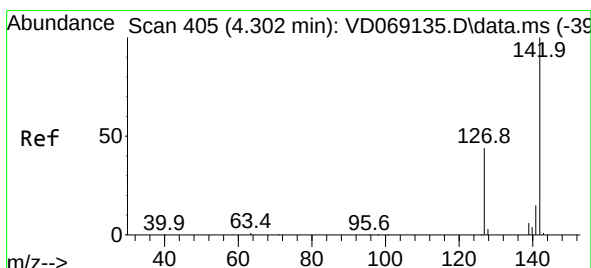
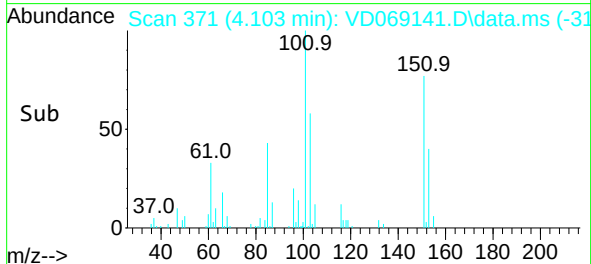
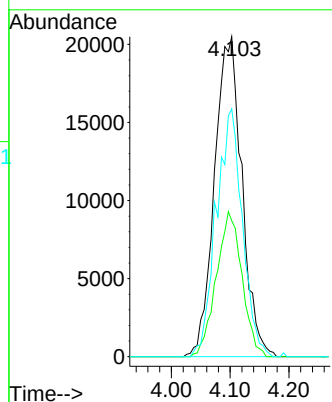
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



Tgt Ion:101 Resp: 66278
Ion Ratio Lower Upper
101 100
85 42.5 35.2 52.8
151 74.1 60.6 91.0

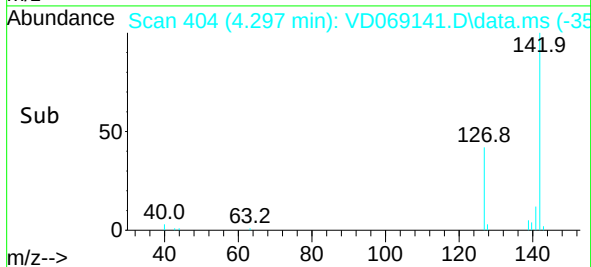
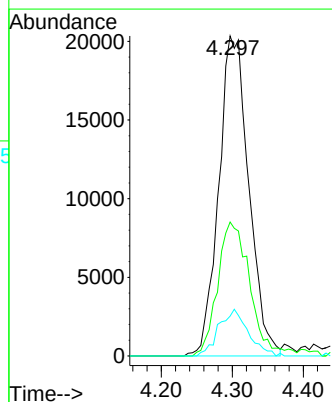
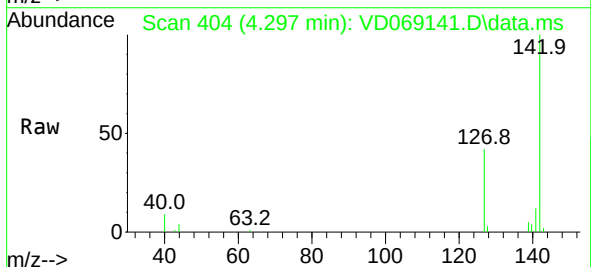
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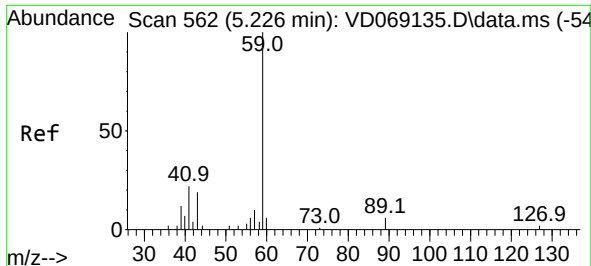
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#10
Methyl Iodide
Concen: 18.48 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

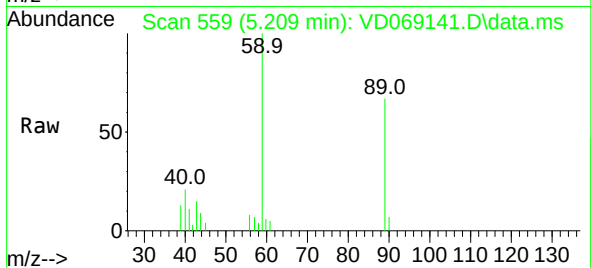
Tgt Ion:142 Resp: 59758
Ion Ratio Lower Upper
142 100
127 45.0 37.3 55.9
141 14.4 12.2 18.4





#11
Tert butyl alcohol
Concen: 165.34 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.017 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

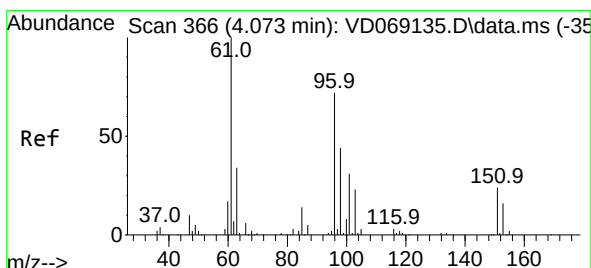
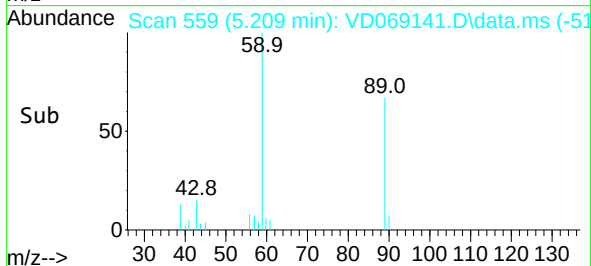
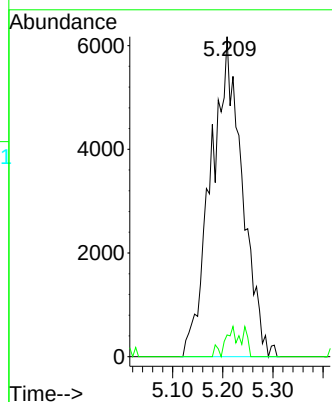
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



Tgt Ion: 59 Resp: 26774
Ion Ratio Lower Upper
59 100
57 3.4 7.8 11.8#

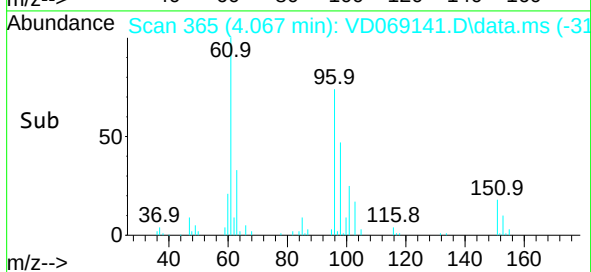
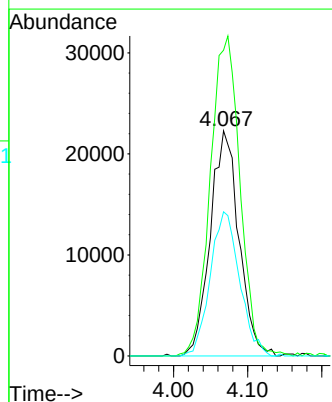
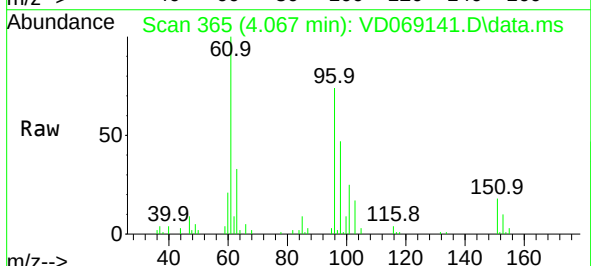
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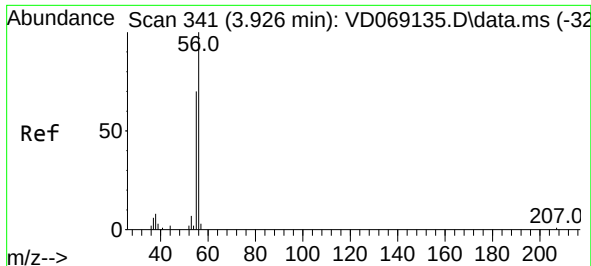
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#12
1,1-Dichloroethene
Concen: 20.76 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

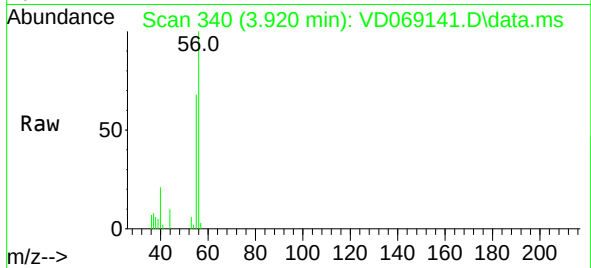
Tgt Ion: 96 Resp: 59858
Ion Ratio Lower Upper
96 100
61 134.8 111.1 166.7
98 64.0 48.4 72.6





#13
Acrolein
Concen: 97.39 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

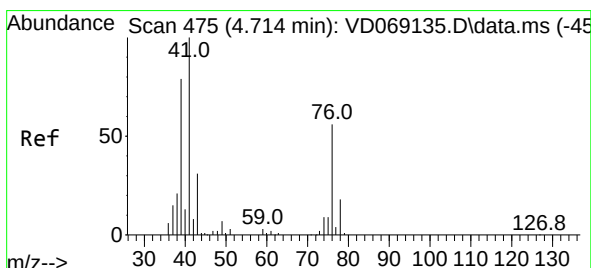
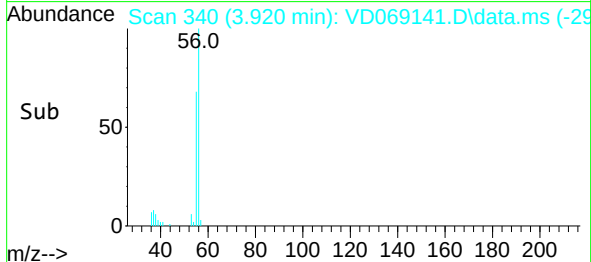
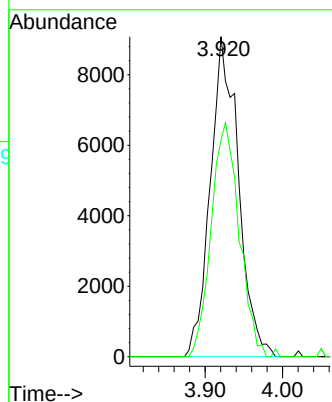
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



Tgt Ion: 56 Resp: 22896
Ion Ratio Lower Upper
56 100
55 72.8 56.9 85.3

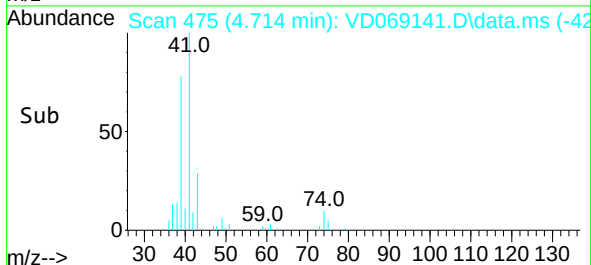
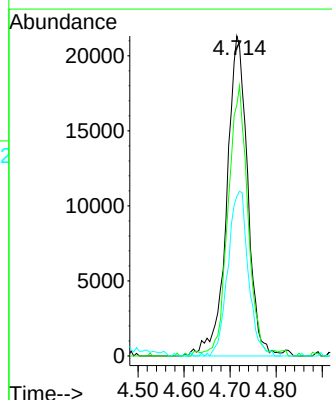
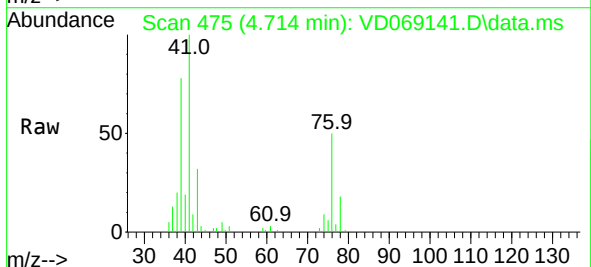
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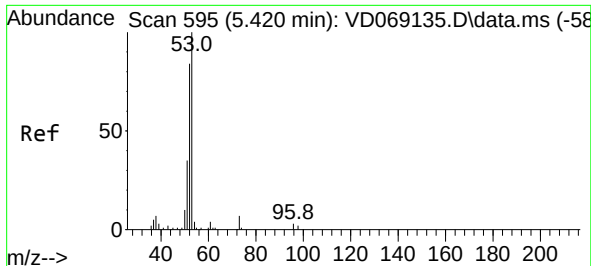
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#14
Allyl chloride
Concen: 21.19 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 41 Resp: 67014
Ion Ratio Lower Upper
41 100
39 76.4 64.3 96.5
76 50.3 43.6 65.4





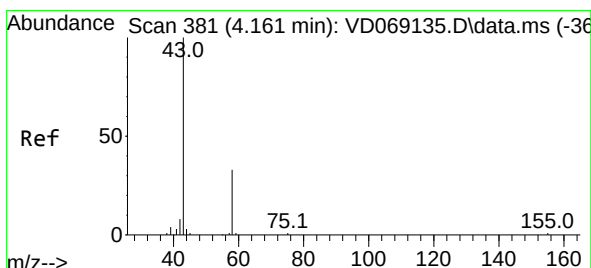
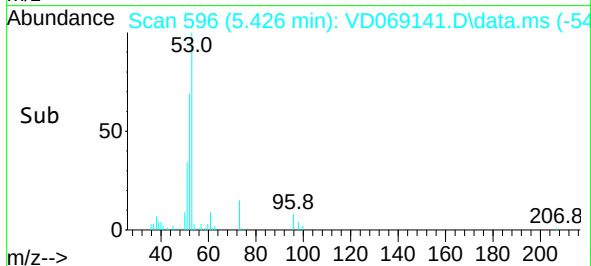
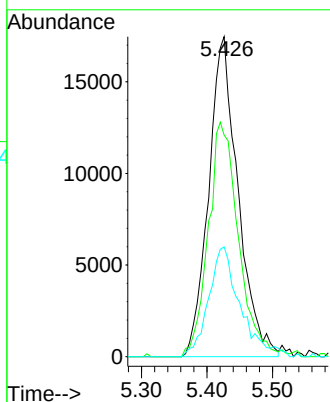
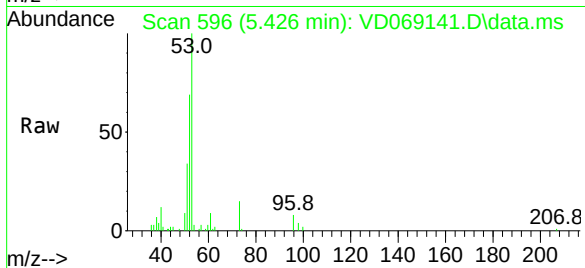
#15
Acrylonitrile
Concen: 112.57 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 53 Resp: 54319
Ion Ratio Lower Upper
53 100
52 75.4 64.5 96.7
51 36.7 30.4 45.6

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

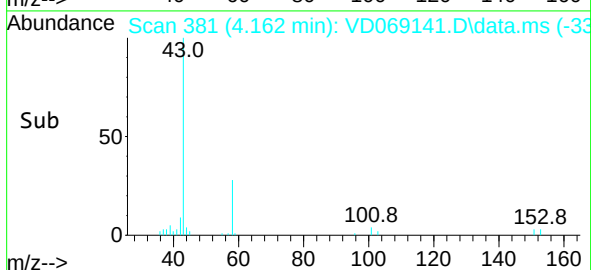
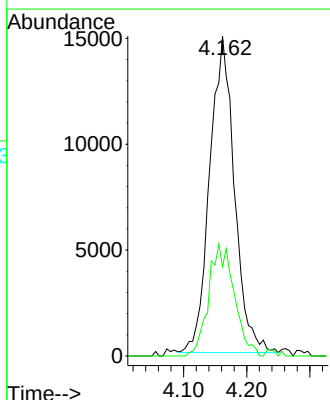
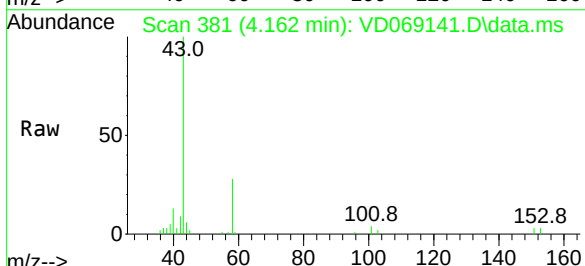
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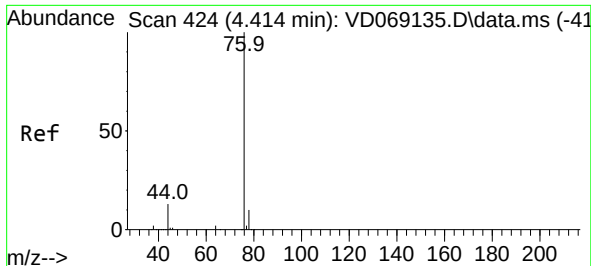
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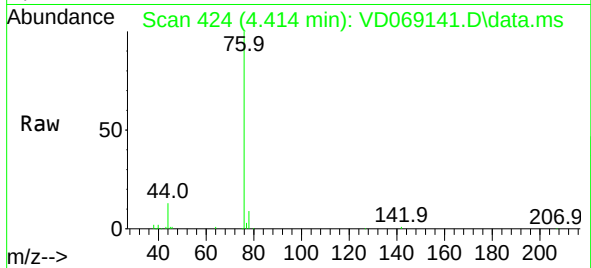
#16
Acetone
Concen: 92.08 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 43 Resp: 40751
Ion Ratio Lower Upper
43 100
58 28.2 26.7 40.1

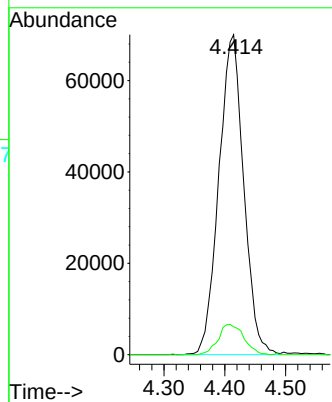
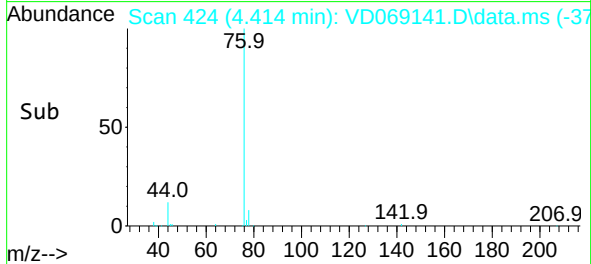




#17
Carbon Disulfide
Concen: 20.77 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



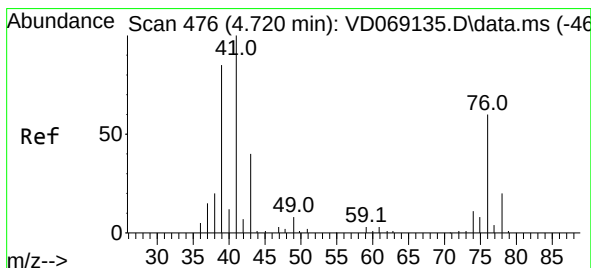
Tgt Ion: 76 Resp: 198510
Ion Ratio Lower Upper
76 100
78 8.7 8.1 12.1



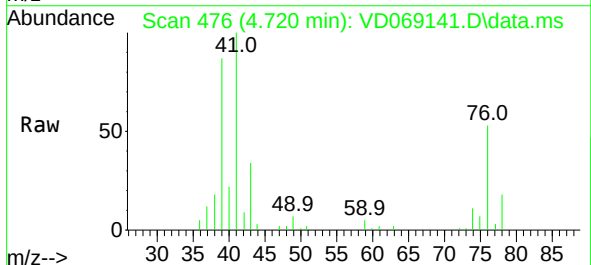
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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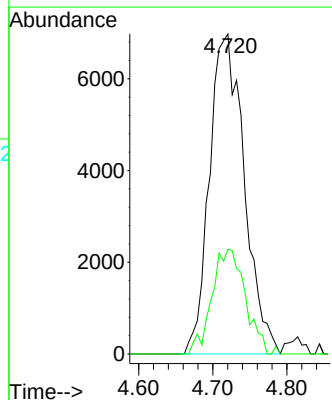
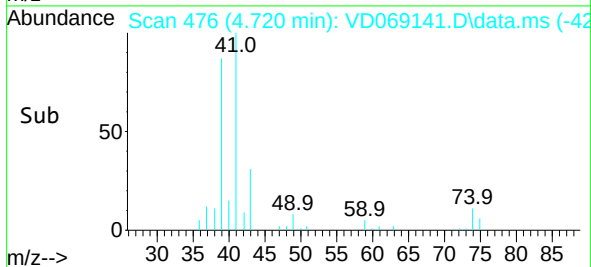
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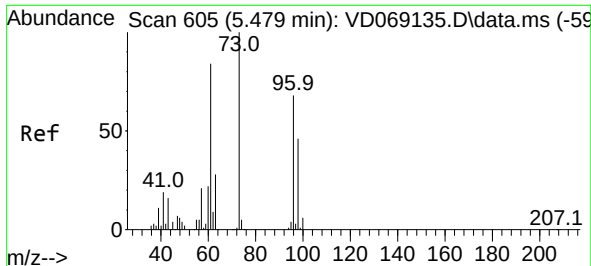


#18
Methyl Acetate
Concen: 21.16 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



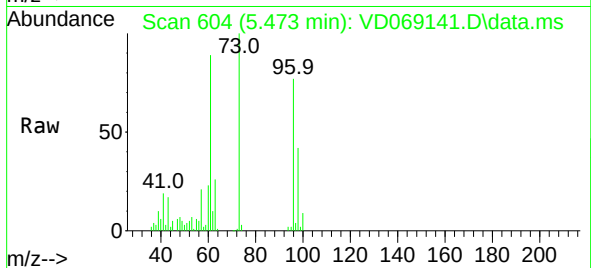
Tgt Ion: 43 Resp: 22753
Ion Ratio Lower Upper
43 100
74 31.3 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 22.08 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

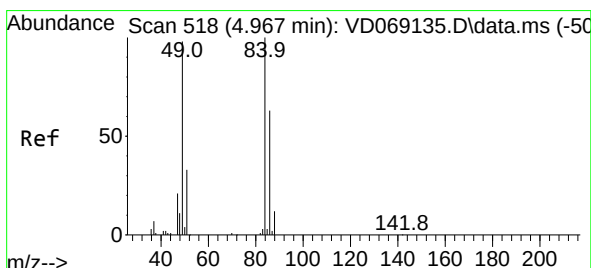
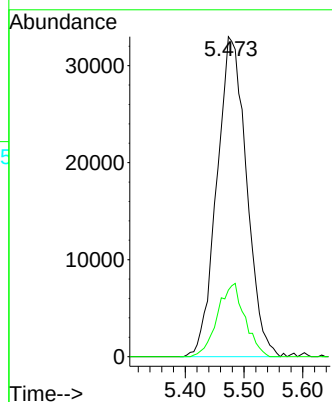
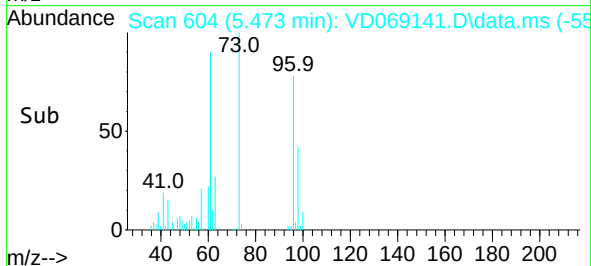
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



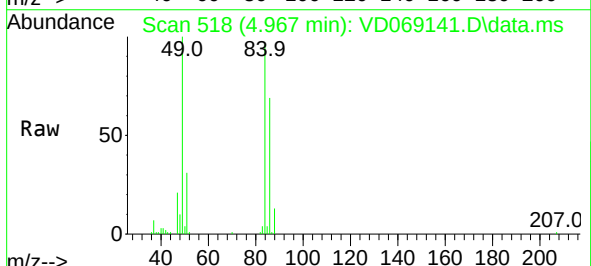
Tgt Ion: 73 Resp: 115536
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7

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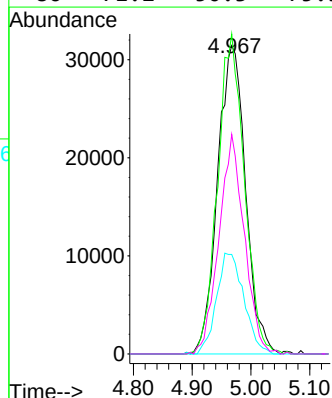
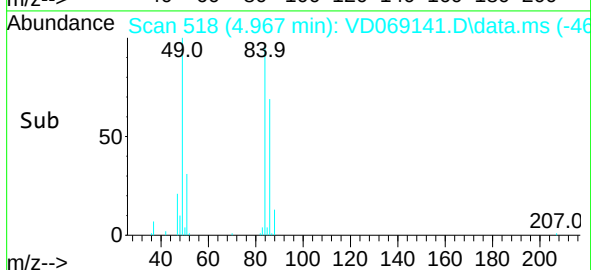
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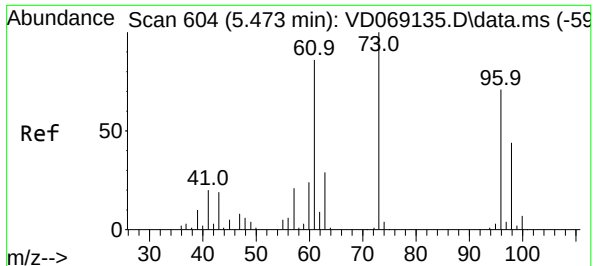


#20
Methylene Chloride
Concen: 24.18 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

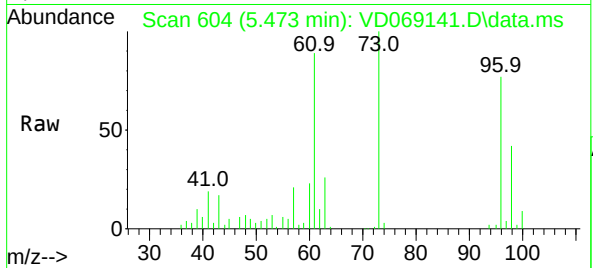


Tgt Ion: 84 Resp: 103937
Ion Ratio Lower Upper
84 100
49 103.8 78.6 117.8
51 32.3 26.7 40.1
86 71.2 50.3 75.5

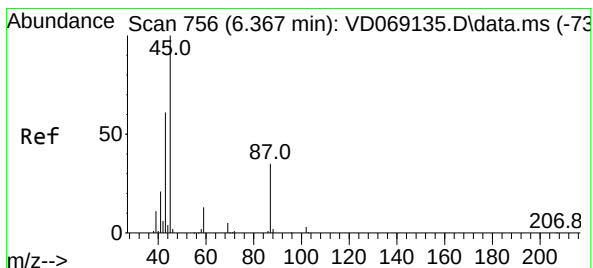
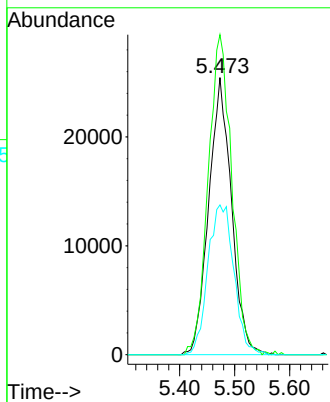
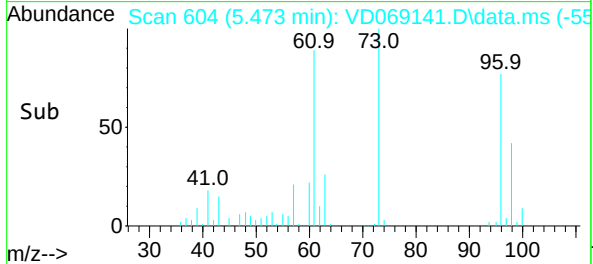




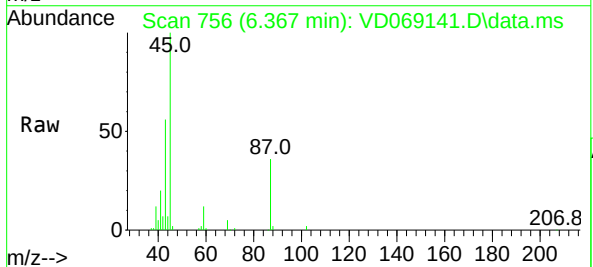
#21
trans-1,2-Dichloroethene
Concen: 21.40 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



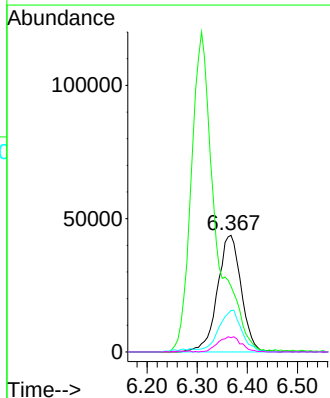
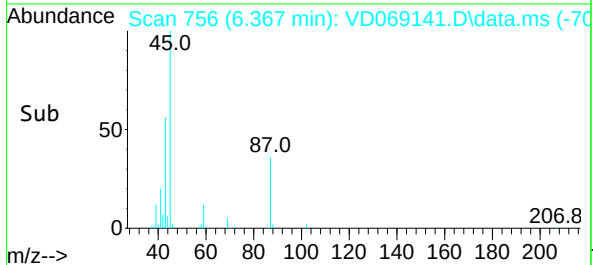
Tgt Ion: 96 Resp: 73176
Ion Ratio Lower Upper
96 100
61 115.5 97.7 146.5
98 54.1 49.4 74.2



#22
Diisopropyl ether
Concen: 22.79 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



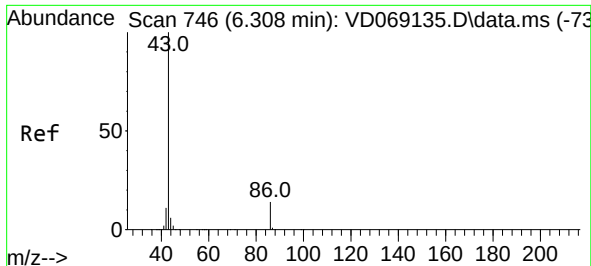
Tgt Ion: 45 Resp: 143980
Ion Ratio Lower Upper
45 100
43 55.0 48.6 73.0
87 35.6 28.5 42.7
59 12.2 10.5 15.7



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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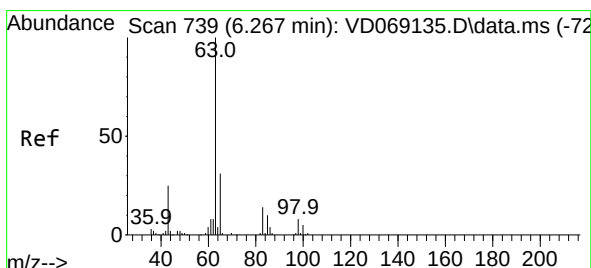
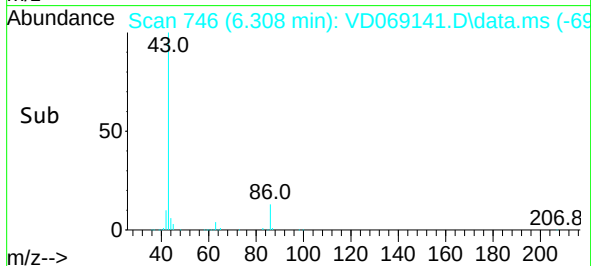
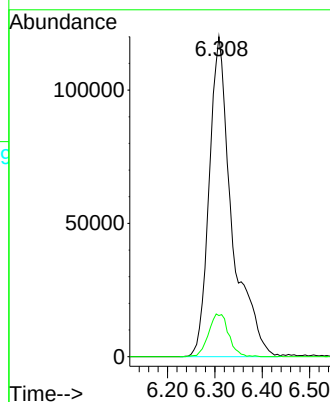
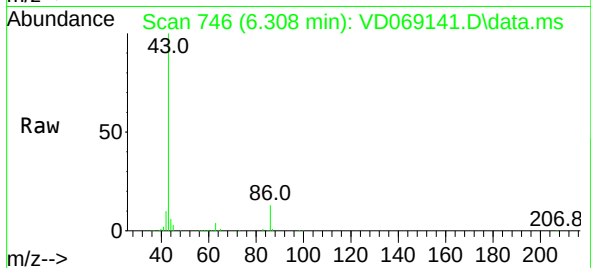
#23
 Vinyl Acetate
 Concen: 107.44 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069141.D
 Acq: 12 May 2021 17:31

Tgt Ion: 43 Resp: 400579
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.1 16.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBSD01

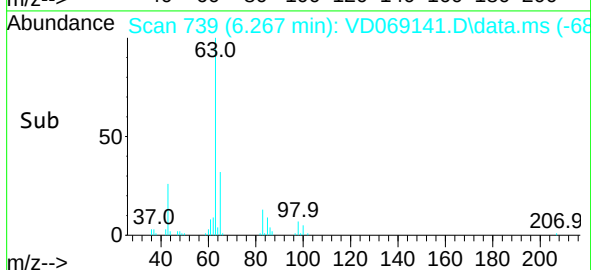
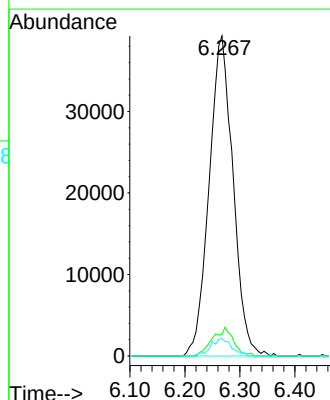
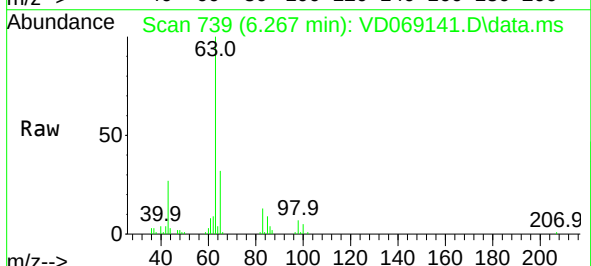
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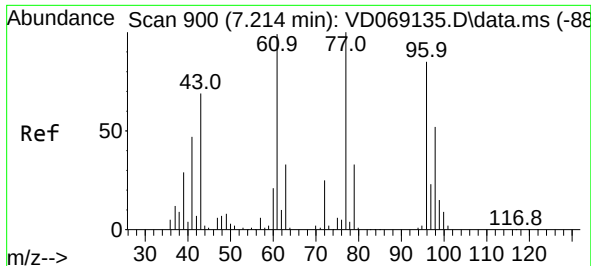
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#24
 1,1-Dichloroethane
 Concen: 21.75 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD069141.D
 Acq: 12 May 2021 17:31

Tgt Ion: 63 Resp: 118692
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.5
 100 5.5 2.5 7.6





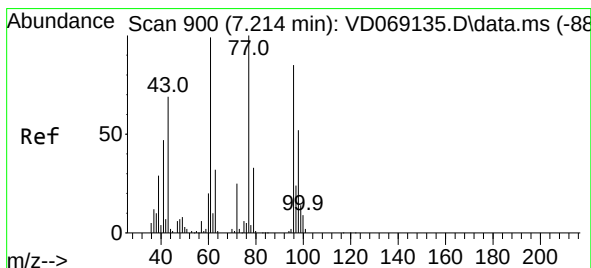
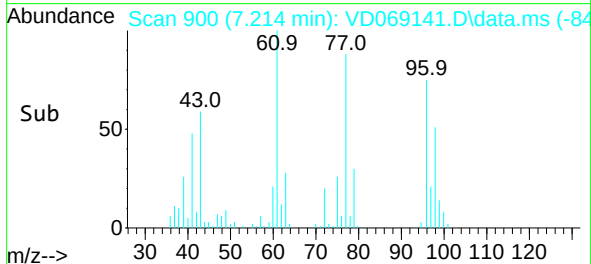
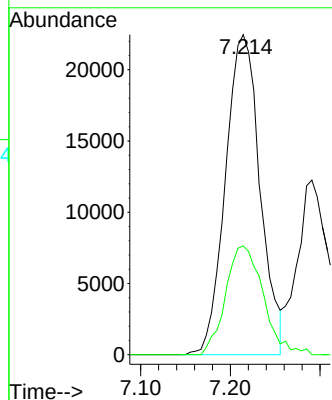
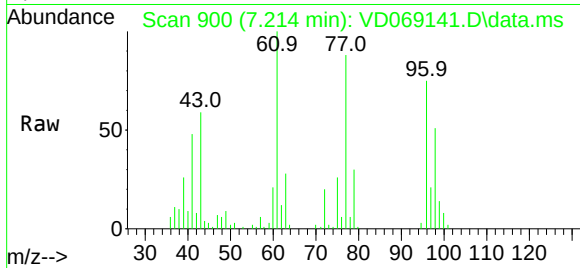
#25
2-Butanone
Concen: 100.33 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 43 Resp: 60167
Ion Ratio Lower Upper
43 100
72 34.0 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

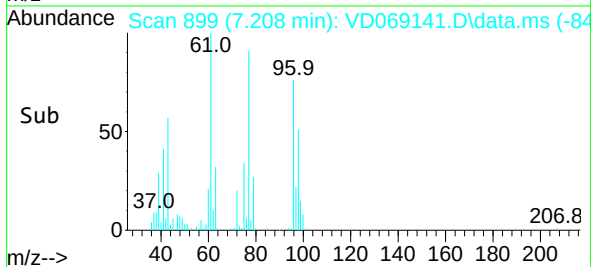
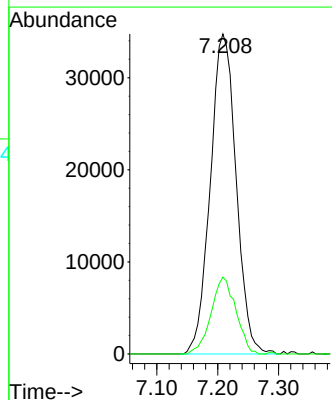
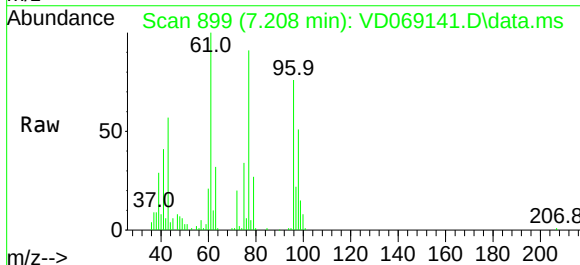
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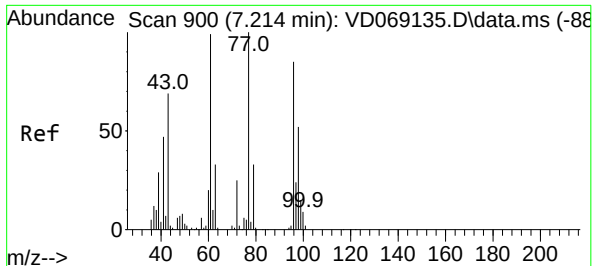
MMDadoda
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#26
2,2-Dichloropropane
Concen: 20.06 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 77 Resp: 102377
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.69 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD069141.D

Acq: 12 May 2021 17:31

Tgt Ion:	96	Resp:	76820
Ion Ratio	Lower	Upper	
96	100		
61	132.7	0.0	263.8
98	67.0	0.0	132.2

Instrument :

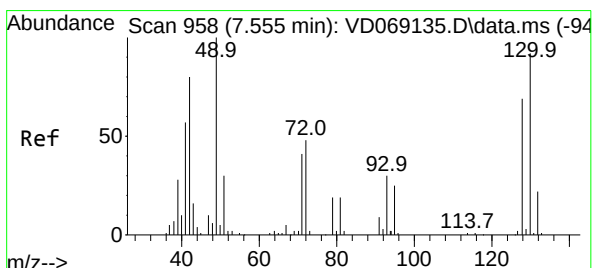
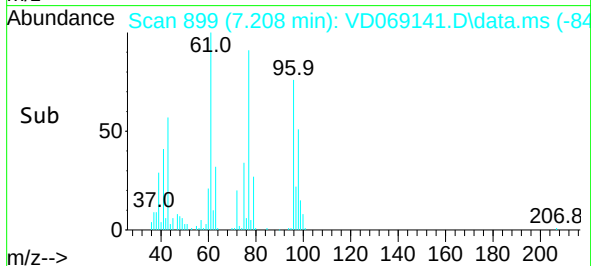
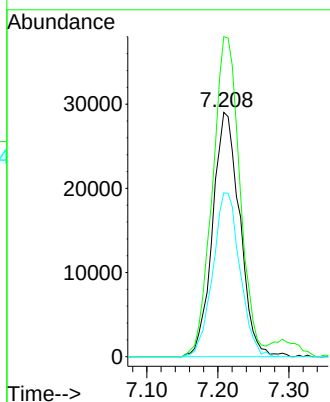
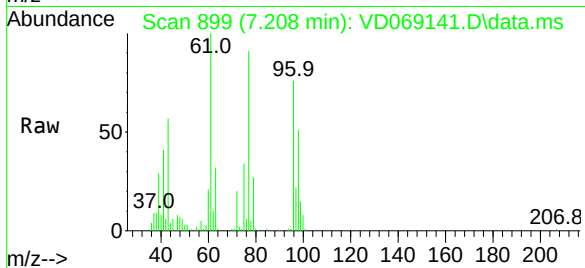
MSVOA_D

ClientSampleId :

VD0512SBSD01

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#28

Bromochloromethane

Concen: 21.18 ug/l

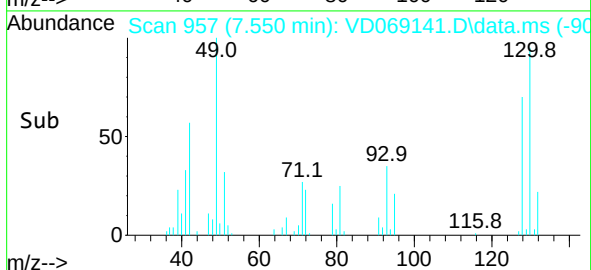
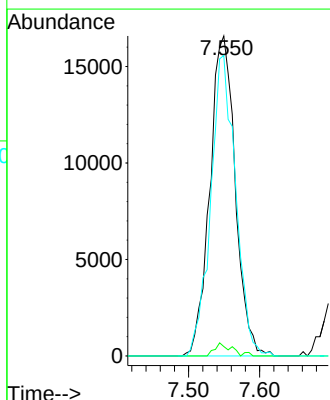
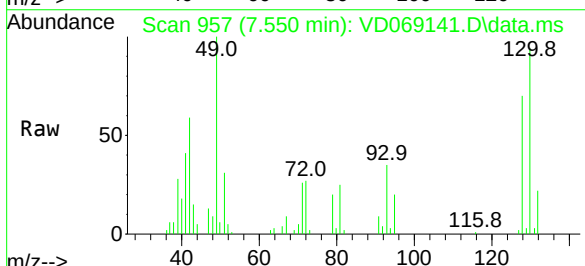
RT: 7.550 min Scan# 957

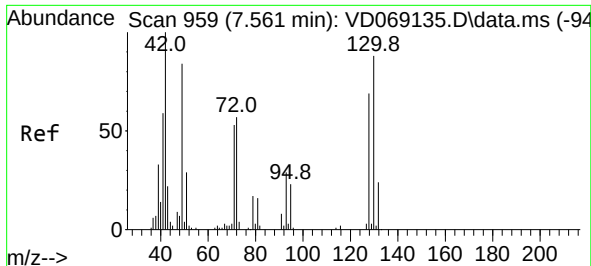
Delta R.T. -0.006 min

Lab File: VD069141.D

Acq: 12 May 2021 17:31

Tgt Ion:	49	Resp:	41202
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	6.4
130	92.3	75.8	113.6





#29

Tetrahydrofuran

Concen: 107.75 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069141.D

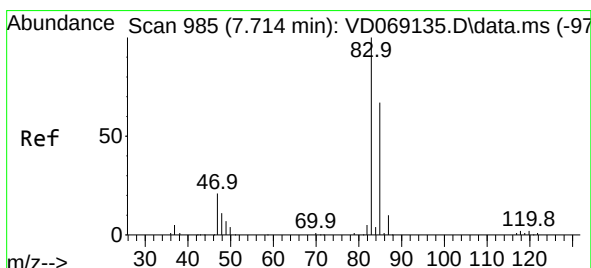
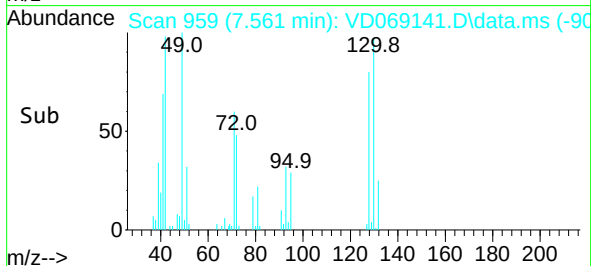
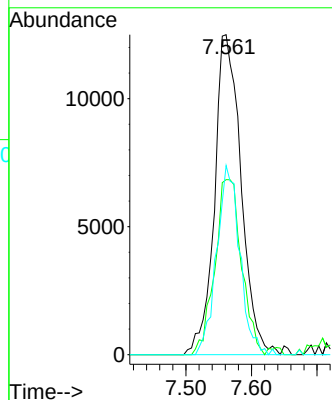
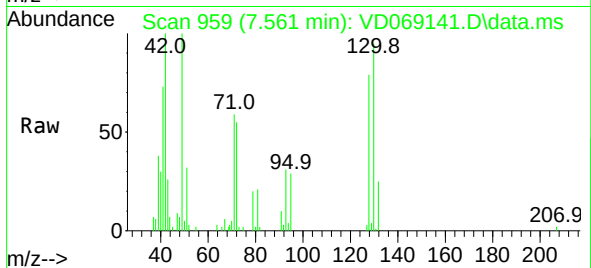
Acq: 12 May 2021 17:31

Tgt Ion:	42	Resp:	35124
Ion	Ratio	Lower	Upper
42	100		
72	54.9	45.9	68.9
71	51.5	42.9	64.3

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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#30

Chloroform

Concen: 21.60 ug/l

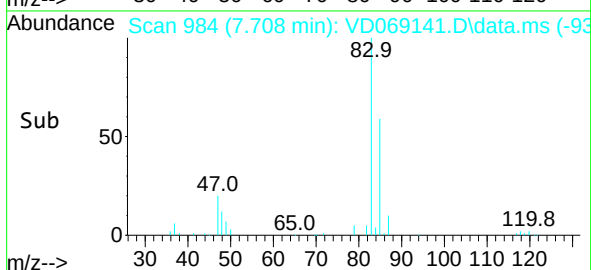
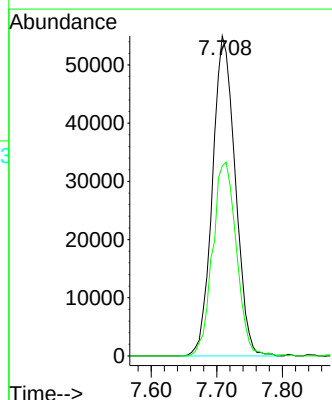
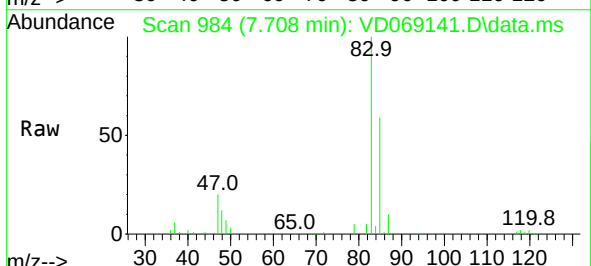
RT: 7.708 min Scan# 984

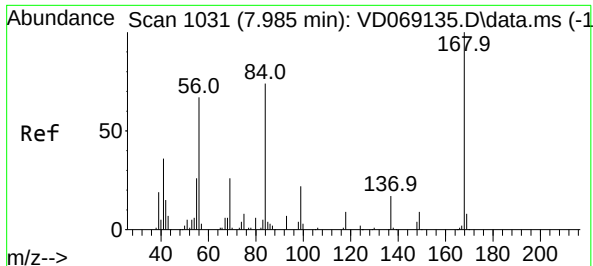
Delta R.T. -0.006 min

Lab File: VD069141.D

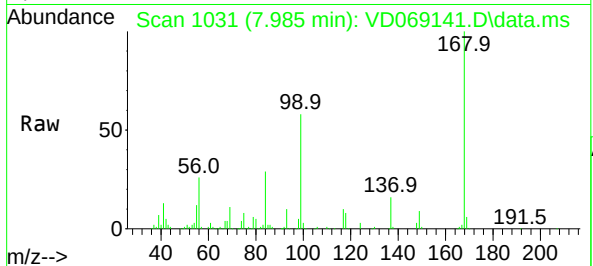
Acq: 12 May 2021 17:31

Tgt Ion:	83	Resp:	132718
Ion	Ratio	Lower	Upper
83	100		
85	59.4	54.0	81.0

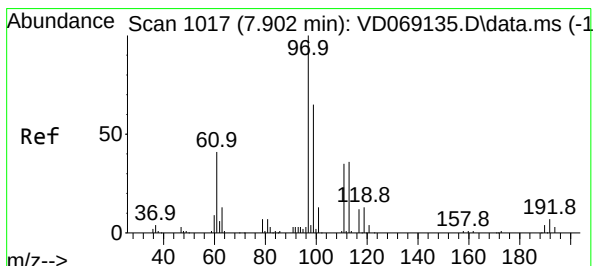
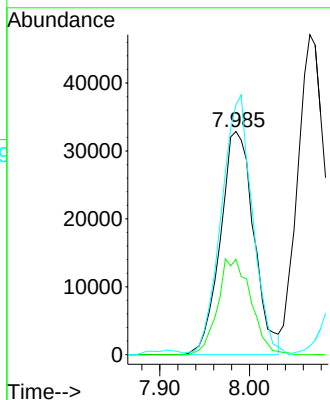
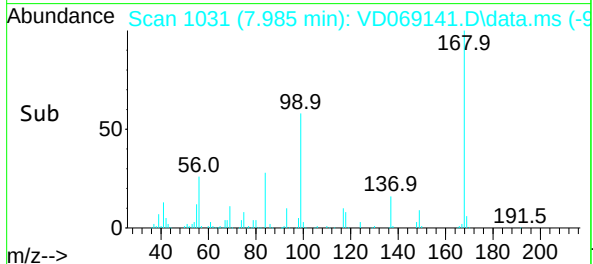




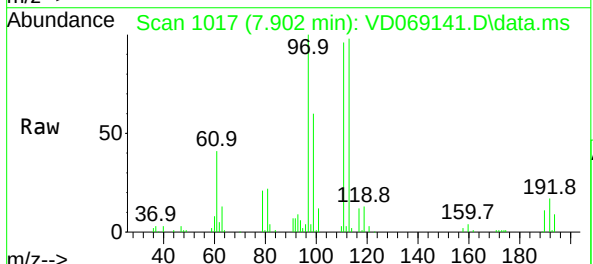
#31
Cyclohexane
Concen: 19.87 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



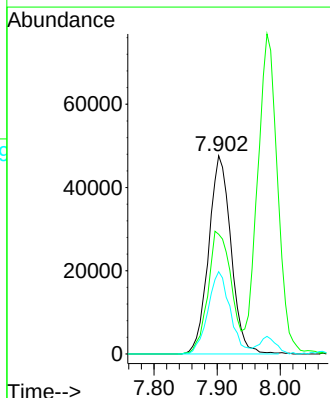
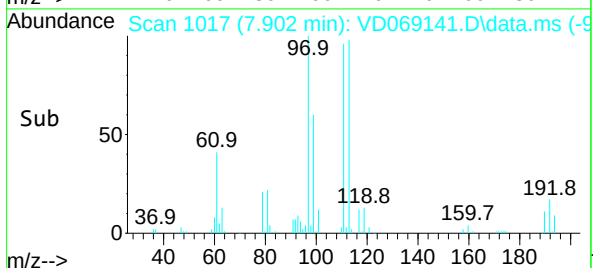
Tgt Ion: 56 Resp: 85084
Ion Ratio Lower Upper
56 100
69 42.7 30.6 46.0
84 110.4 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 21.00 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



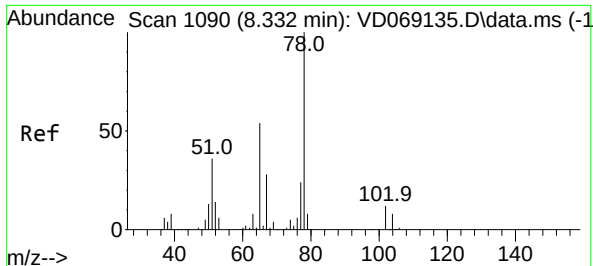
Tgt Ion: 97 Resp: 117107
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 41.4 32.5 48.7



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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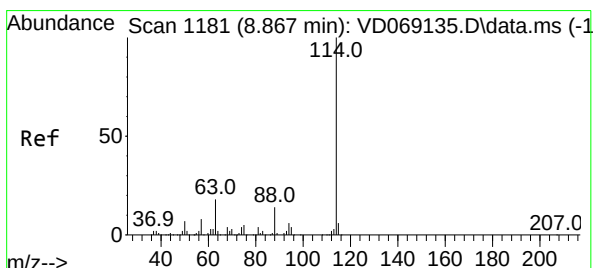
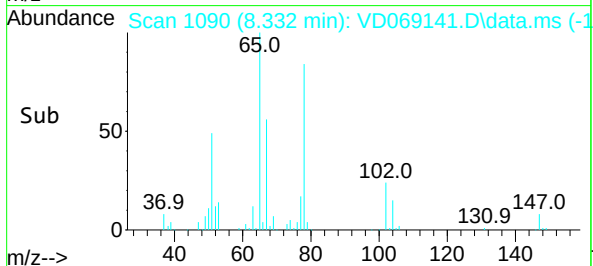
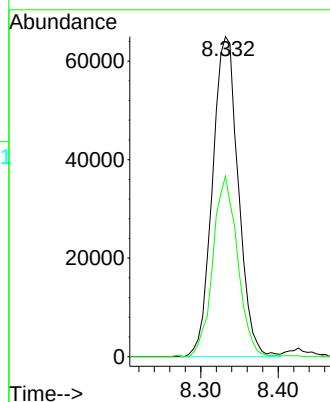
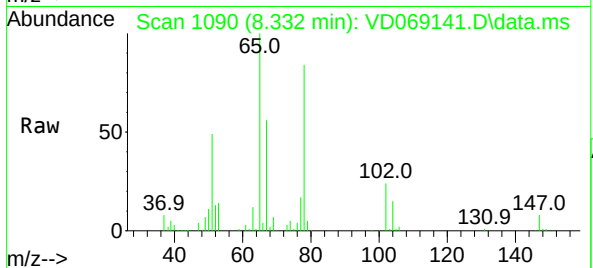
#33
1,2-Dichloroethane-d4
Concen: 52.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 65 Resp: 150571
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

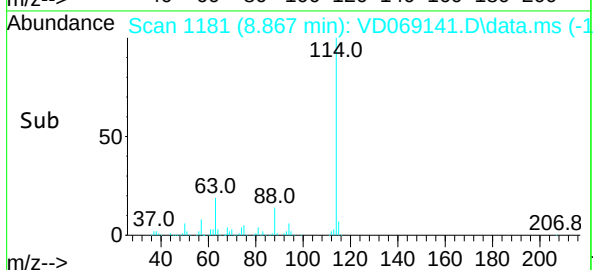
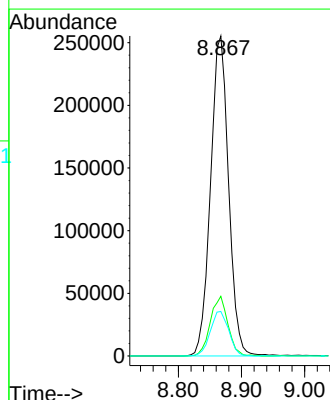
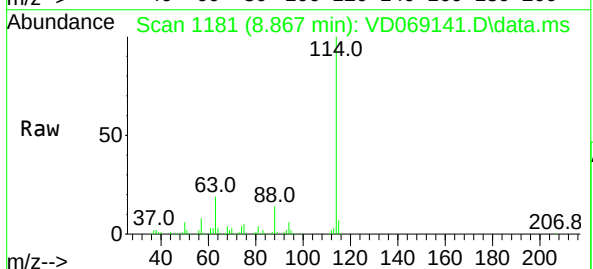
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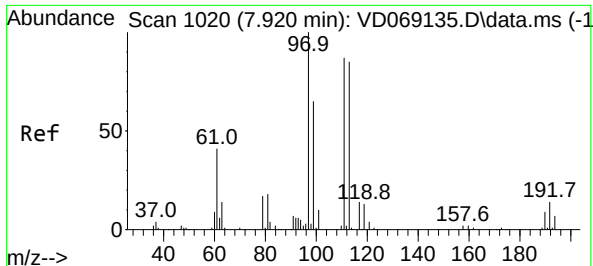
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 114 Resp: 507062
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 48.57 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069141.D

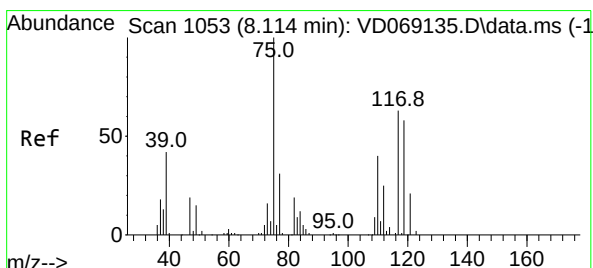
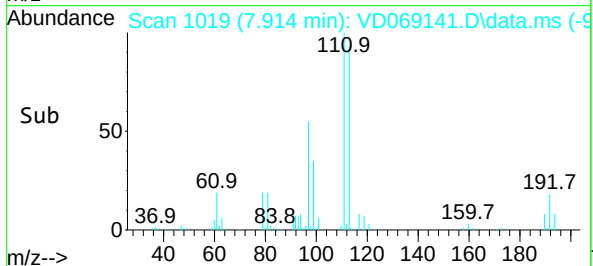
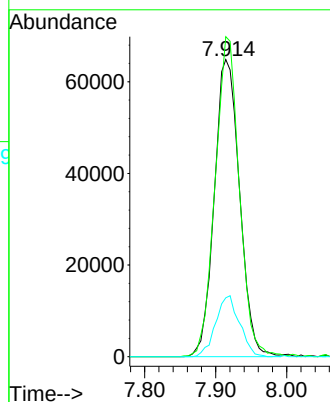
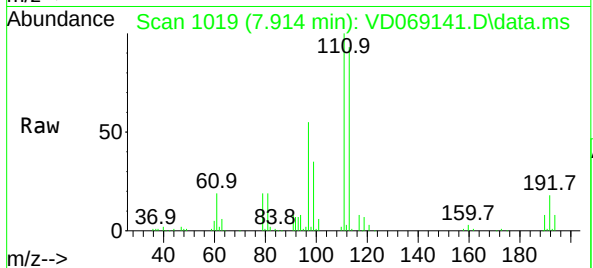
Acq: 12 May 2021 17:31

Tgt Ion:	113	Resp:	160287
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.6	120.8
192	19.3	14.8	22.2

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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#36

1,1-Dichloropropene

Concen: 19.35 ug/l

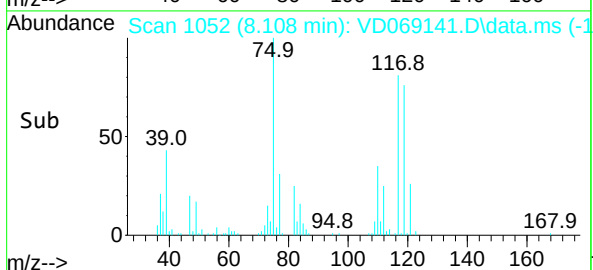
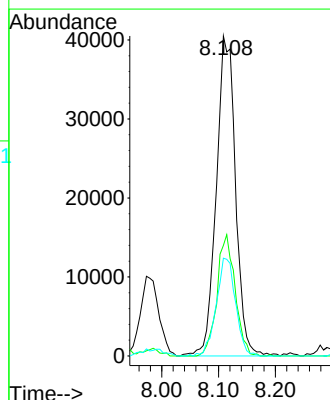
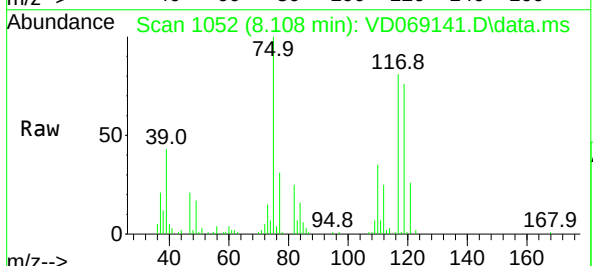
RT: 8.108 min Scan# 1052

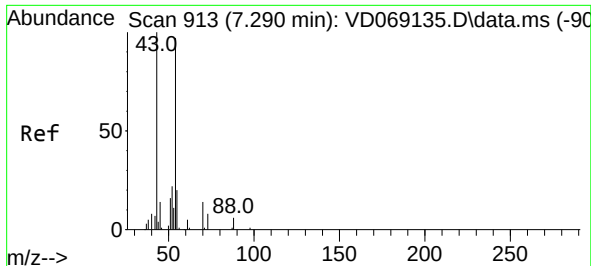
Delta R.T. -0.006 min

Lab File: VD069141.D

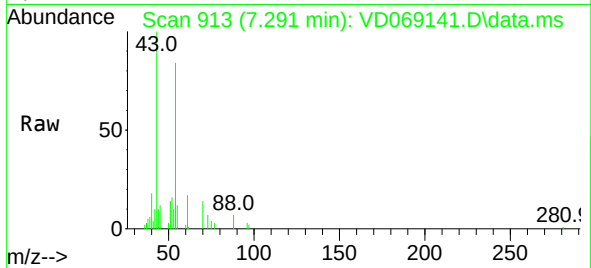
Acq: 12 May 2021 17:31

Tgt Ion:	75	Resp:	95373
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.8	56.4
77	30.7	25.2	37.8

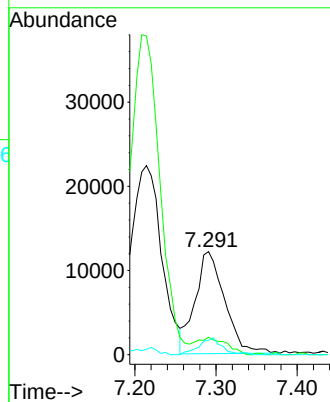
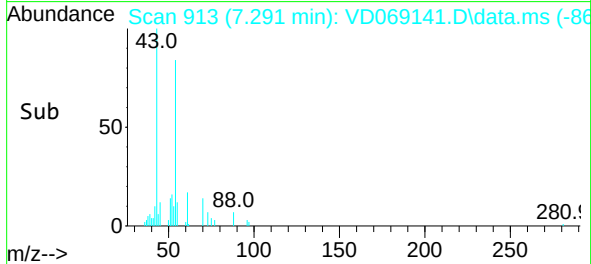




#37
Ethyl Acetate
Concen: 19.37 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



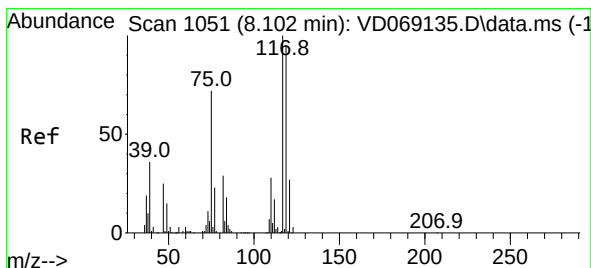
Tgt Ion:	43	Resp:	30685
Ion Ratio	Lower	Upper	
43	100		
61	17.1	11.5	17.3
70	12.9	10.4	15.6



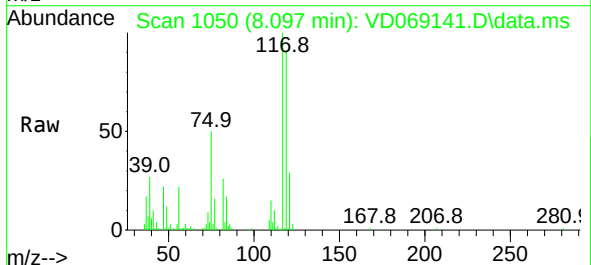
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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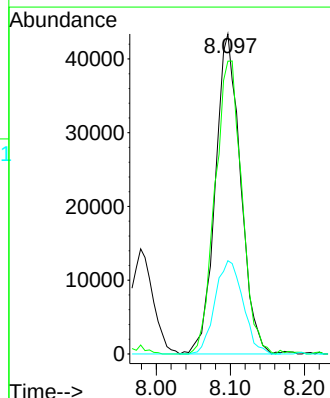
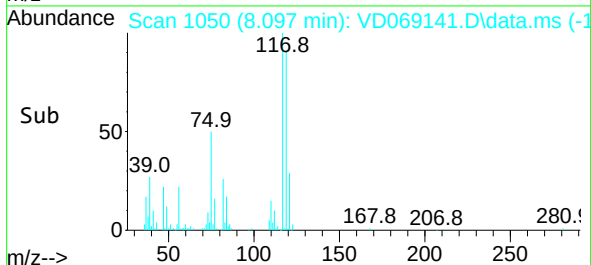
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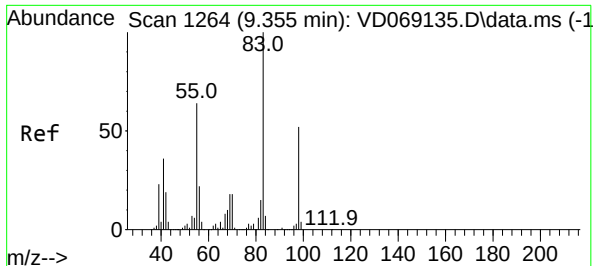


#38
Carbon Tetrachloride
Concen: 18.60 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



Tgt Ion:	117	Resp:	102515
Ion Ratio	Lower	Upper	
117	100		
119	91.5	76.2	114.2
121	29.1	21.9	32.9





#39

Methylcyclohexane

Concen: 18.19 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069141.D

Acq: 12 May 2021 17:31

Tgt Ion:	83	Resp:	94603
Ion	Ratio	Lower	Upper
83	100		
55	75.1	51.2	76.8
98	55.5	41.4	62.2

Instrument :

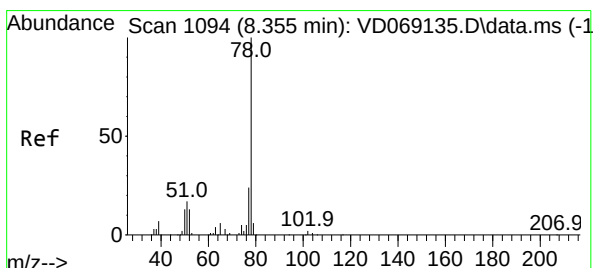
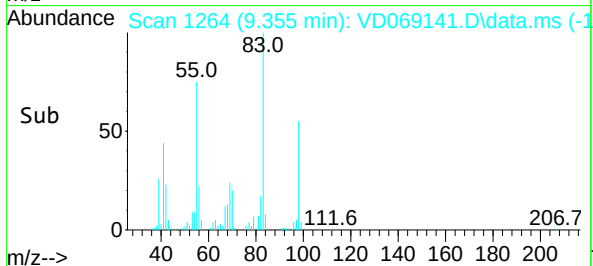
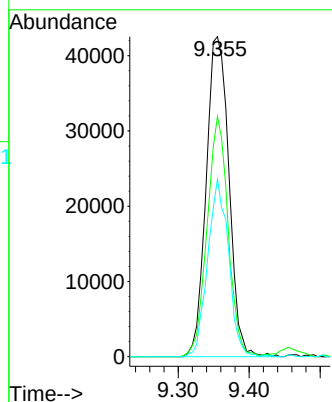
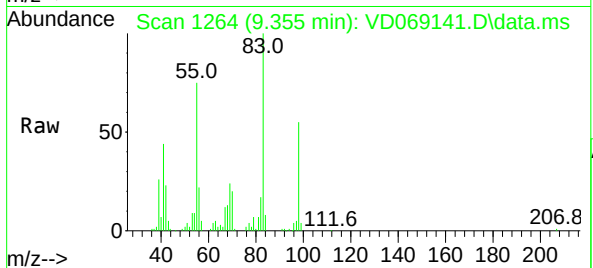
MSVOA_D

ClientSampleId :

VD0512SBSD01

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#40

Benzene

Concen: 19.95 ug/l

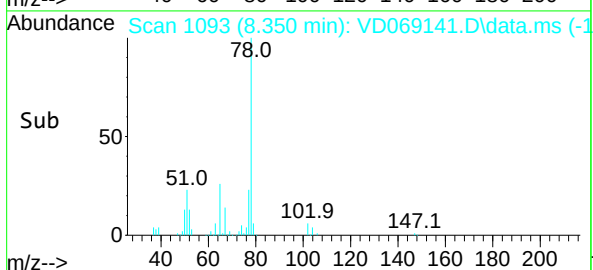
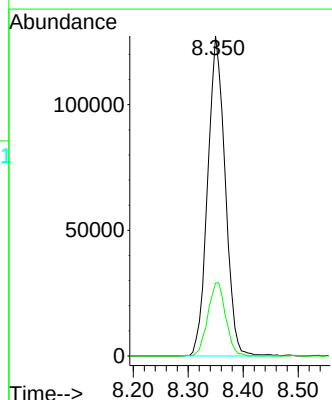
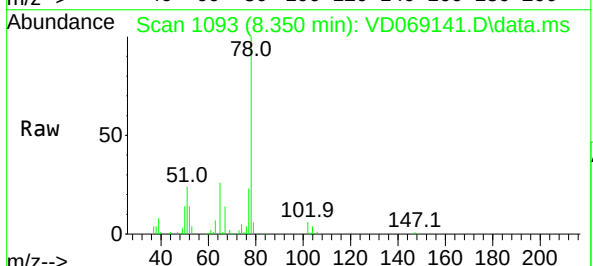
RT: 8.350 min Scan# 1093

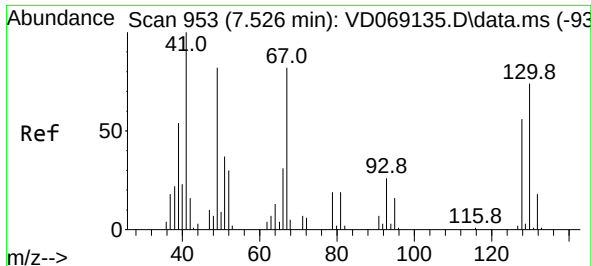
Delta R.T. -0.006 min

Lab File: VD069141.D

Acq: 12 May 2021 17:31

Tgt Ion:	78	Resp:	281692
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7





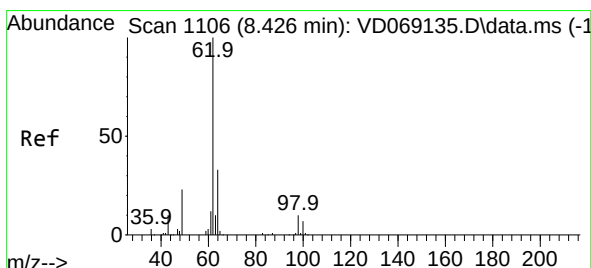
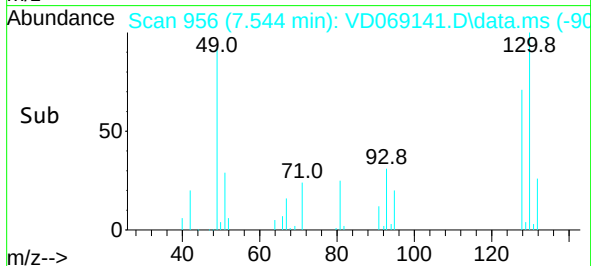
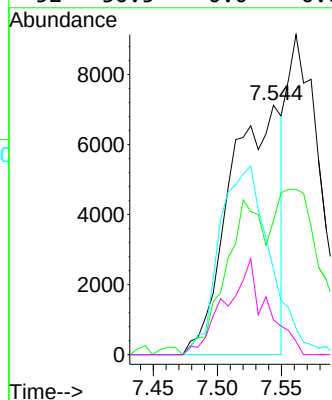
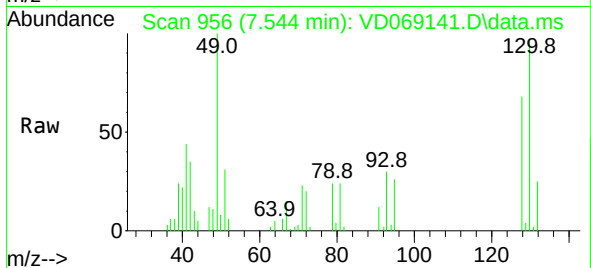
#41
Methacrylonitrile
Concen: 23.72 ug/l m
RT: 7.544 min Scan# 956
Delta R.T. 0.018 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 41 Resp: 20000
Ion Ratio Lower Upper
41 100
39 46.1 58.0 87.0#
67 74.2 0.0 0.0#
52 30.5 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

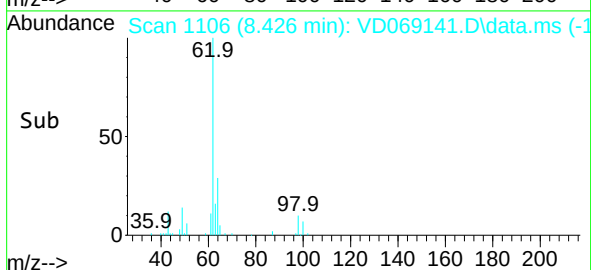
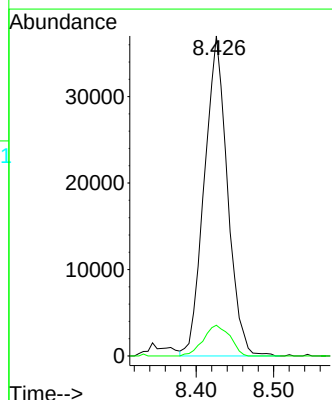
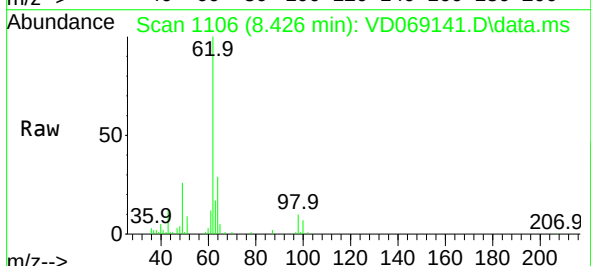
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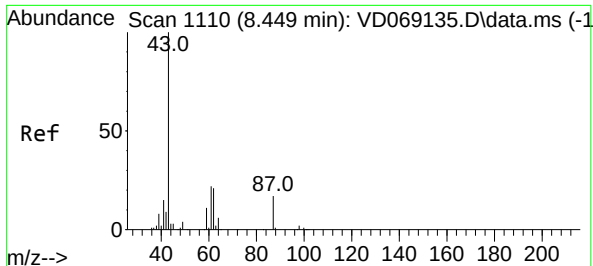
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.88 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 62 Resp: 76671
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.6





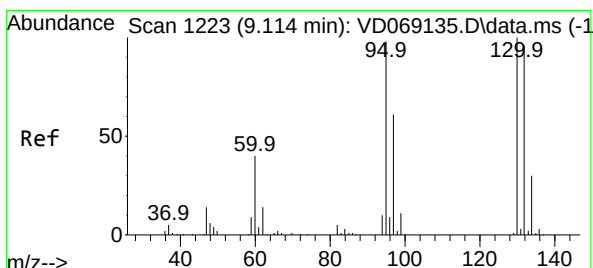
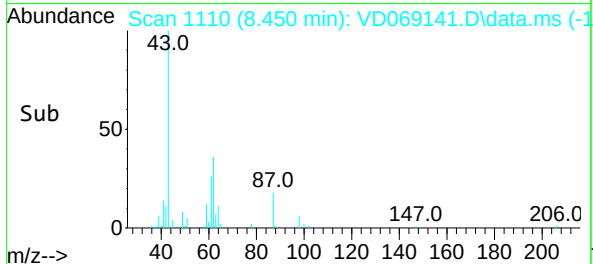
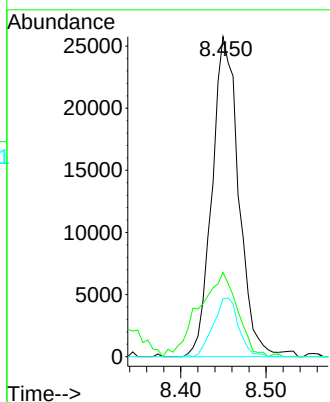
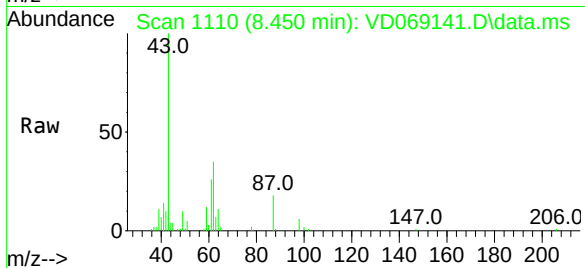
#43
Isopropyl Acetate
Concen: 19.46 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:	43	Resp:	55971
Ion Ratio	Lower	Upper	
43	100		
61	38.2	28.6	42.8
87	17.5	13.8	20.8

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

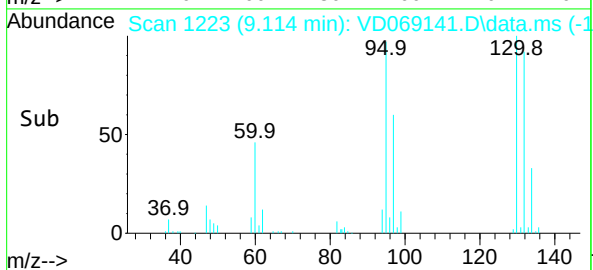
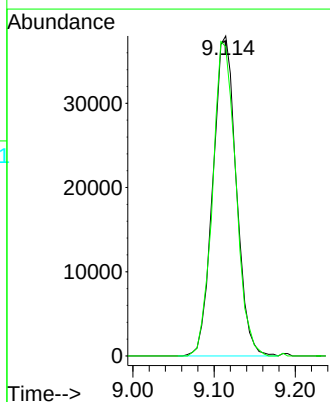
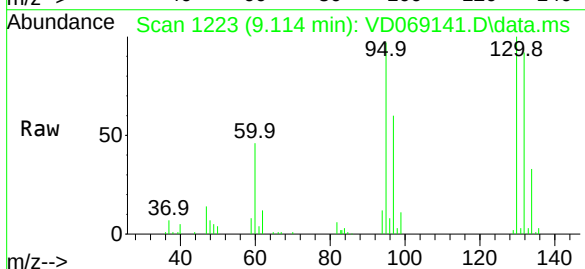
Manual Integrations
APPROVED

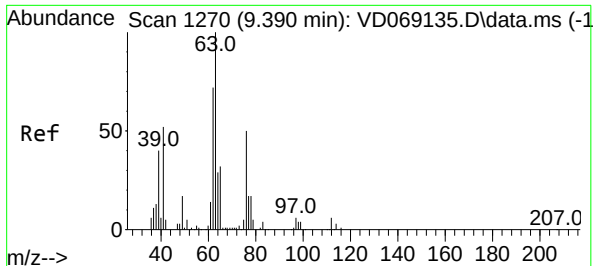
MMDadoda
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#44
Trichloroethene
Concen: 19.24 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

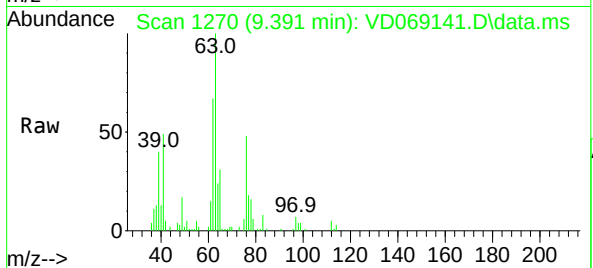
Tgt Ion:	130	Resp:	75921
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	196.2



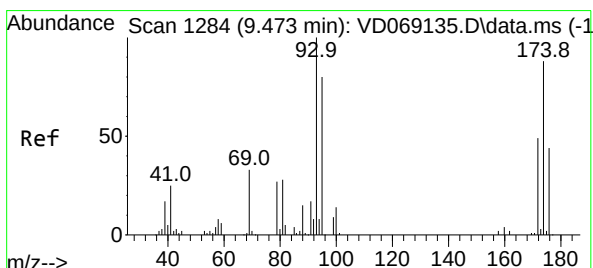
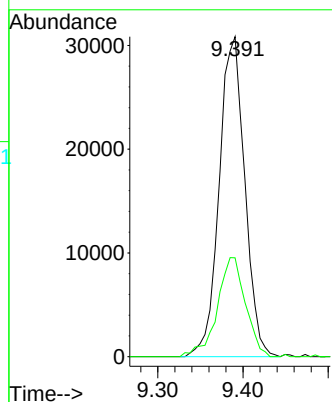
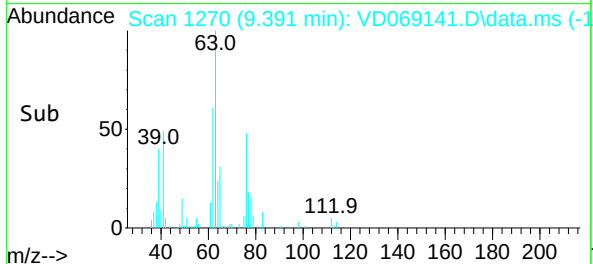


#45
1,2-Dichloropropane
Concen: 19.33 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

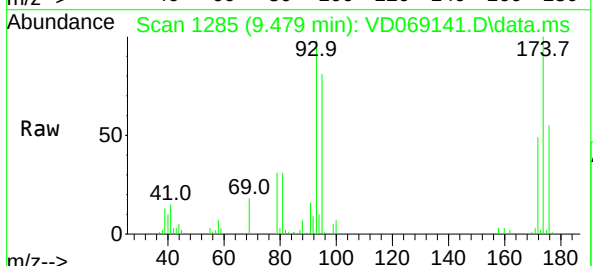
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



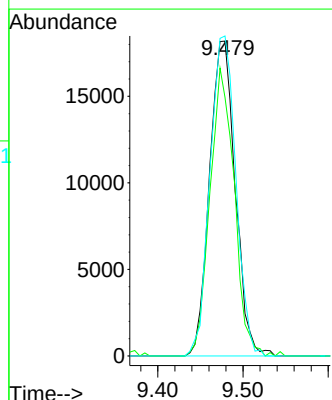
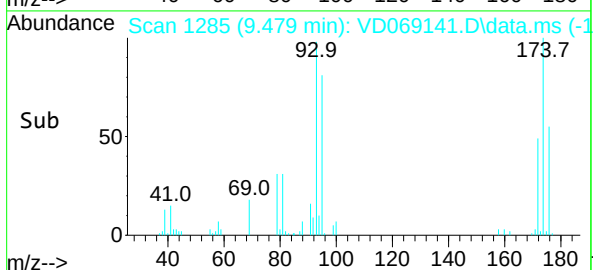
Tgt Ion: 63 Resp: 64420
Ion Ratio Lower Upper
63 100
65 30.9 25.9 38.9

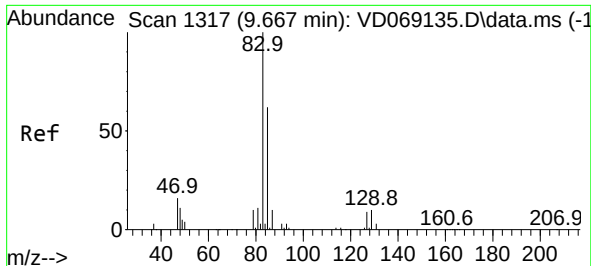


#46
Dibromomethane
Concen: 19.18 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



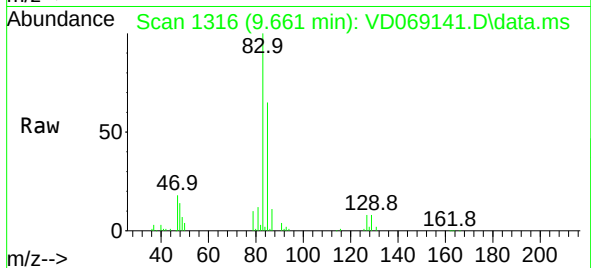
Tgt Ion: 93 Resp: 38222
Ion Ratio Lower Upper
93 100
95 86.3 65.9 98.9
174 102.2 76.6 115.0





#47
Bromodichloromethane
Concen: 19.39 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

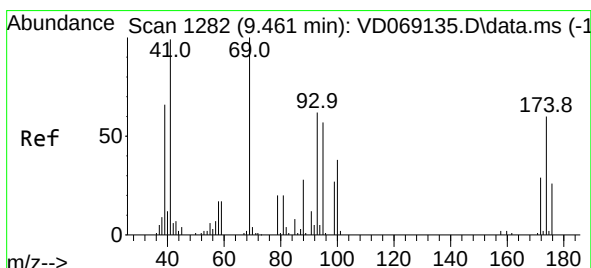
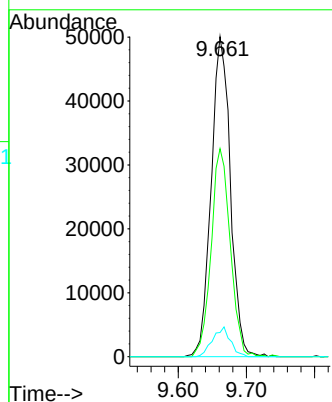
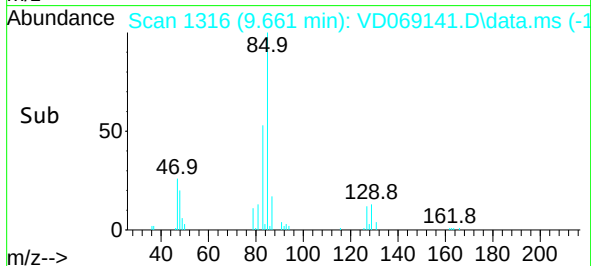
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



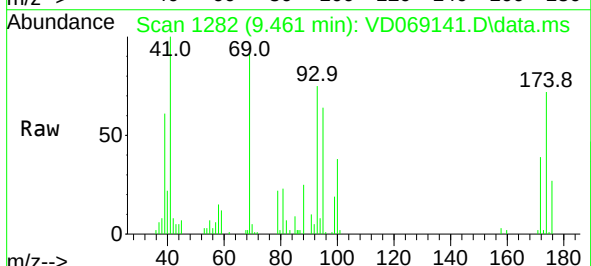
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.0	75.0
127	7.6	7.1	10.7

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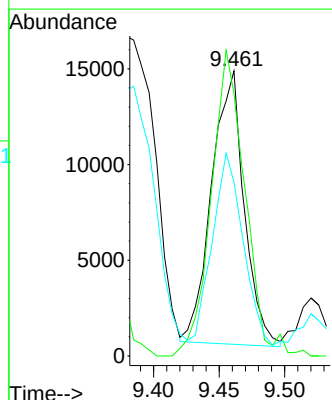
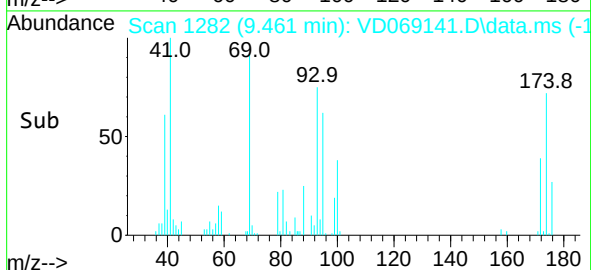
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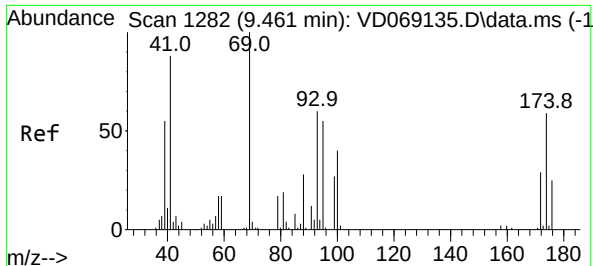


#48
Methyl methacrylate
Concen: 18.52 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



Tgt Ion	Ratio	Lower	Upper
41	100		
69	116.1	88.0	132.0
39	75.0	51.4	77.0





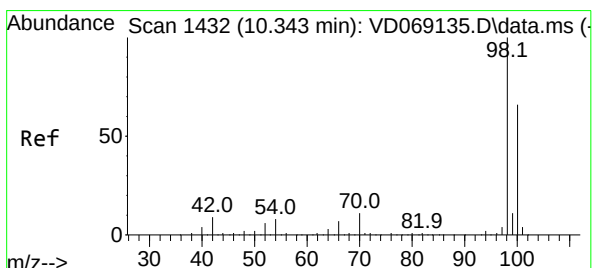
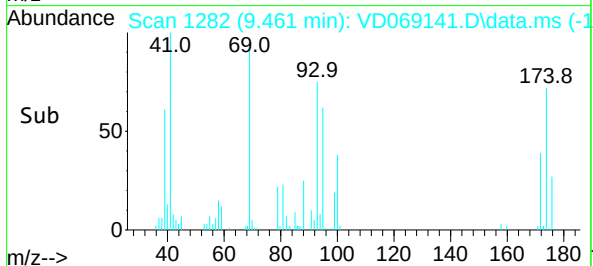
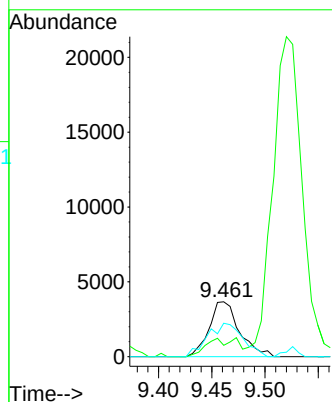
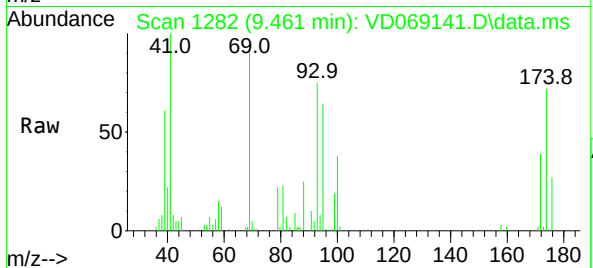
#49
1,4-Dioxane
Concen: 362.70 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 88 Resp: 7254
Ion Ratio Lower Upper
88 100
43 20.5 26.7 40.1#
58 71.0 45.8 68.6#

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

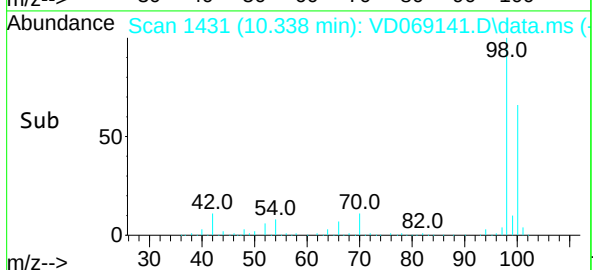
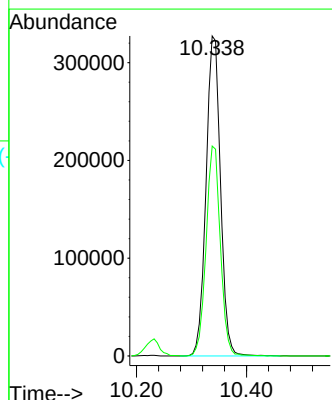
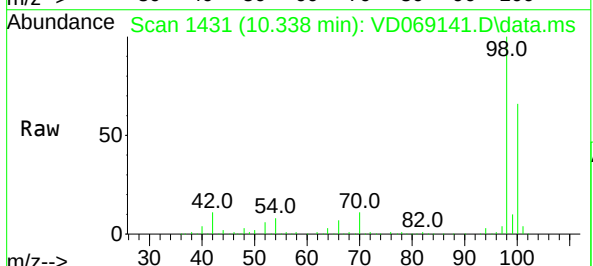
Manual Integrations
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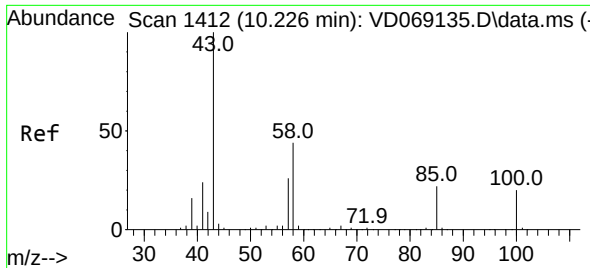
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#50
Toluene-d8
Concen: 49.19 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 98 Resp: 596463
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8





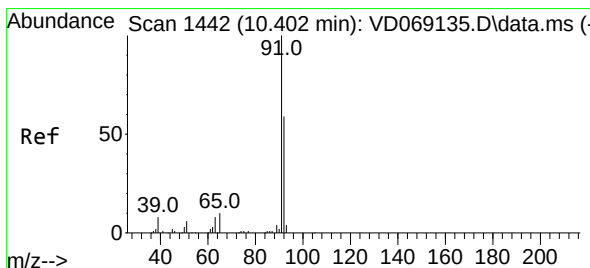
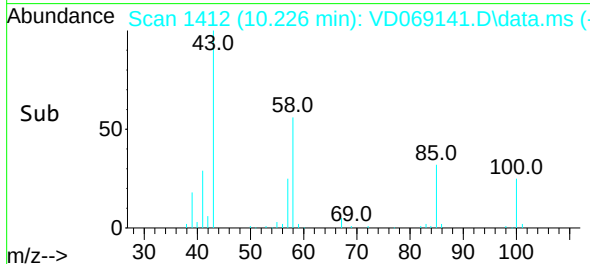
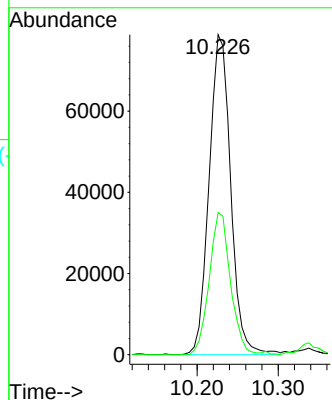
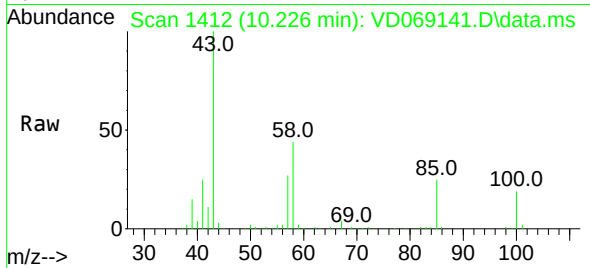
#51
4-Methyl-2-Pentanone
Concen: 98.31 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 43 Resp: 145475
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.4

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

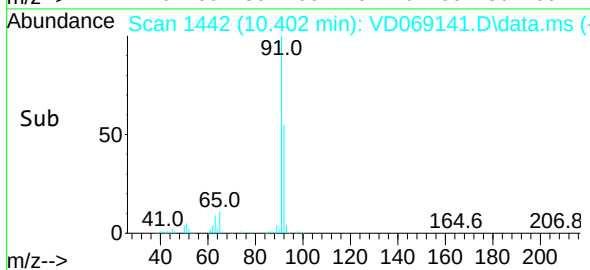
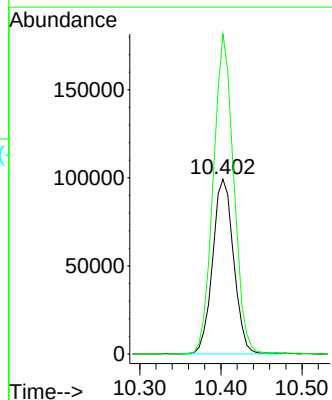
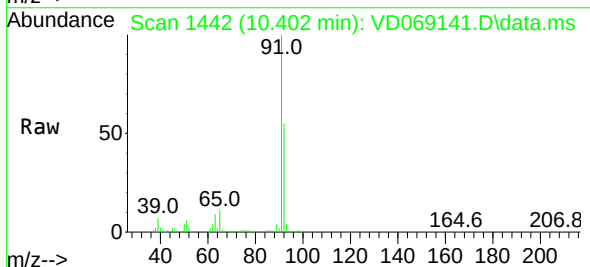
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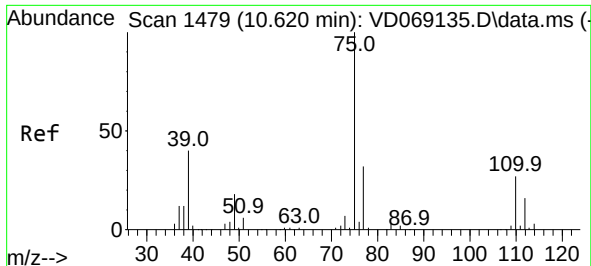
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#52
Toluene
Concen: 19.60 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 92 Resp: 178607
Ion Ratio Lower Upper
92 100
91 178.3 136.2 204.2





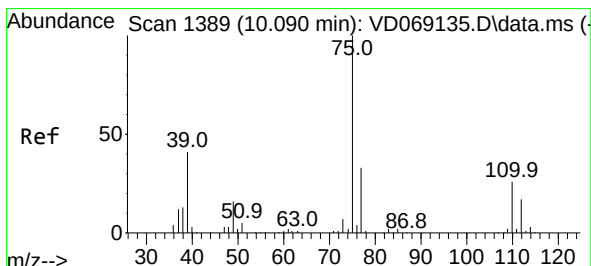
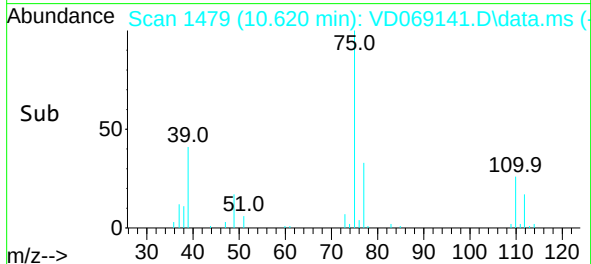
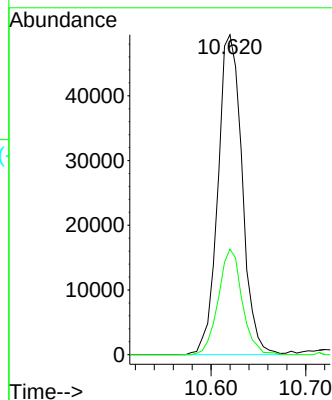
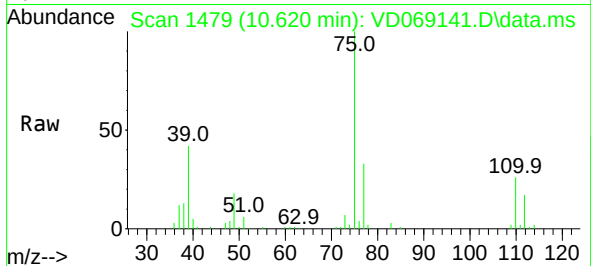
#53
t-1,3-Dichloropropene
Concen: 19.72 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 75 Resp: 87839
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

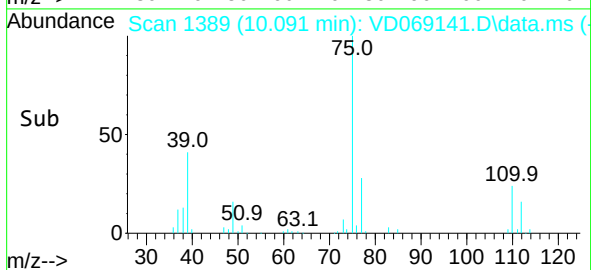
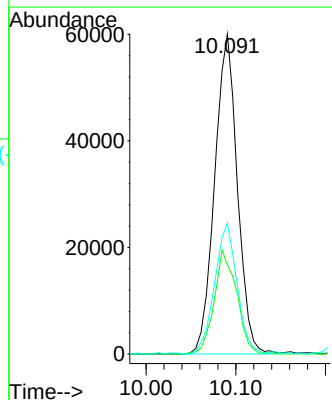
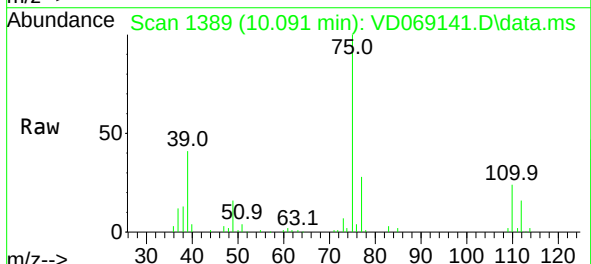
Manual Integrations
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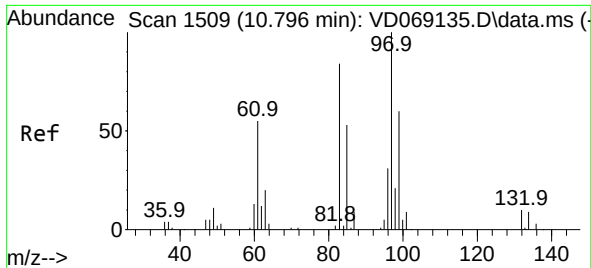
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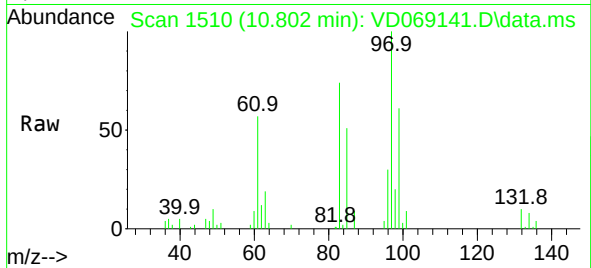
#54
cis-1,3-Dichloropropene
Concen: 19.78 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 75 Resp: 105326
Ion Ratio Lower Upper
75 100
77 27.8 26.2 39.4
39 40.6 32.9 49.3

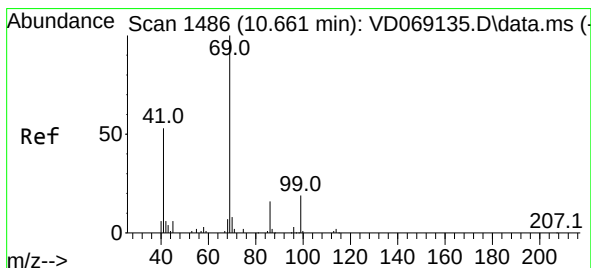
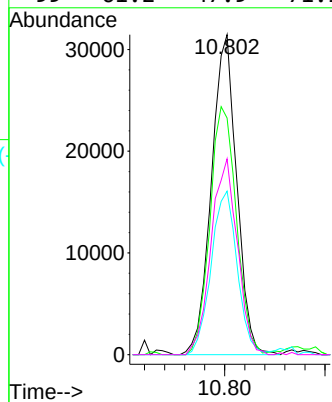
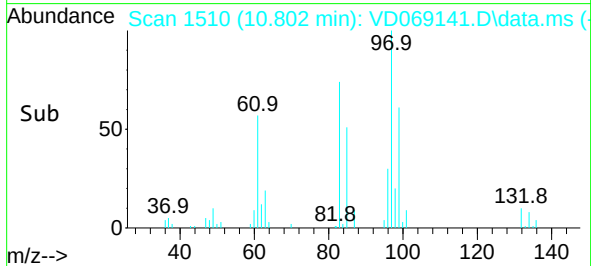




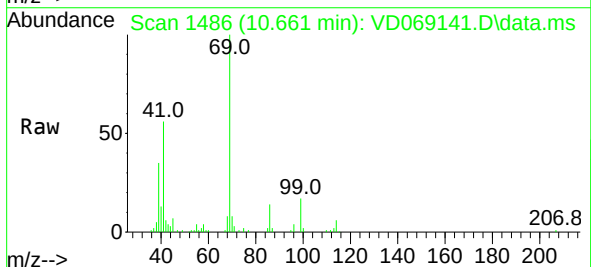
#55
1,1,2-Trichloroethane
Concen: 20.51 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



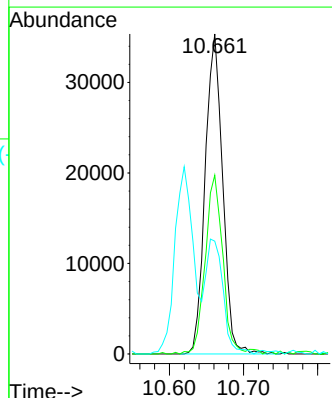
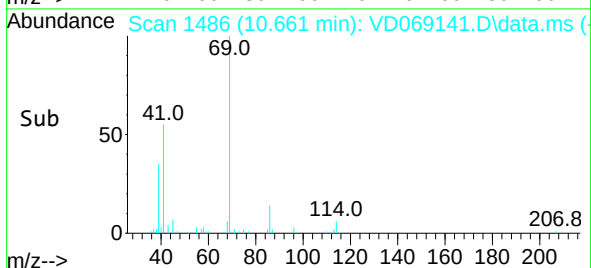
Tgt Ion:	97	Resp:	55086
Ion	Ratio	Lower	Upper
97	100		
83	73.9	66.9	100.3
85	51.1	42.2	63.4
99	61.2	47.9	71.9



#56
Ethyl methacrylate
Concen: 20.52 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



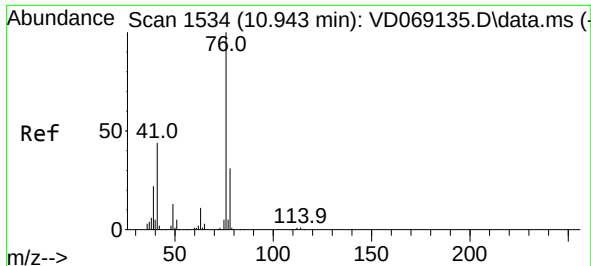
Tgt Ion:	69	Resp:	57773
Ion	Ratio	Lower	Upper
69	100		
41	55.7	42.2	63.2
39	34.8	26.3	39.5



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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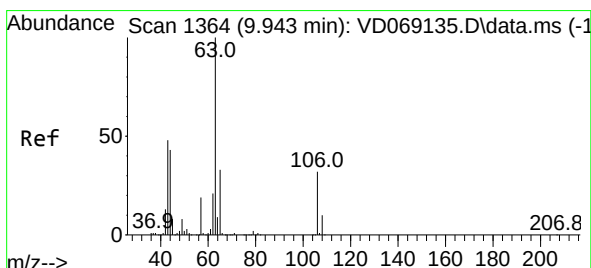
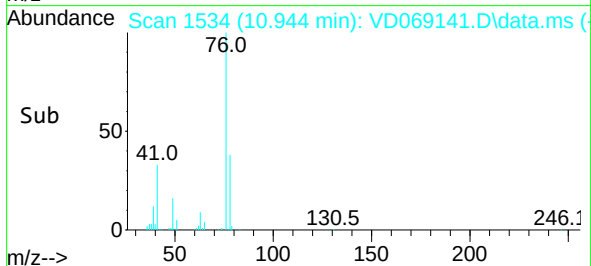
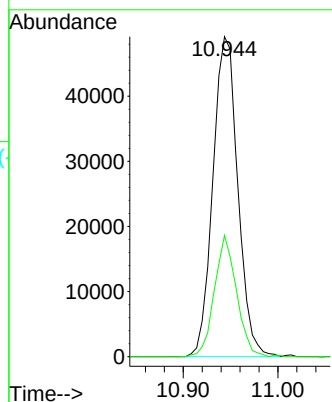
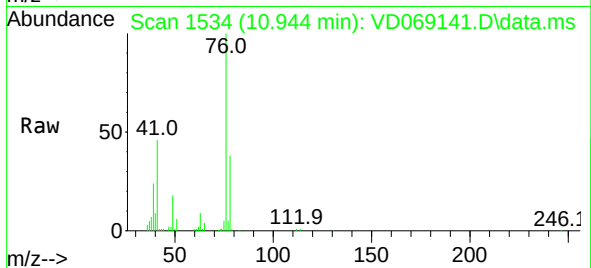
#57
1,3-Dichloropropane
Concen: 20.69 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 76 Resp: 89812
Ion Ratio Lower Upper
76 100
78 33.6 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

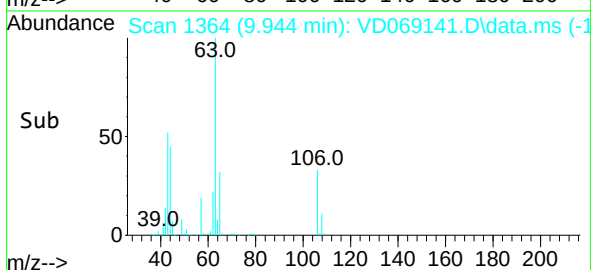
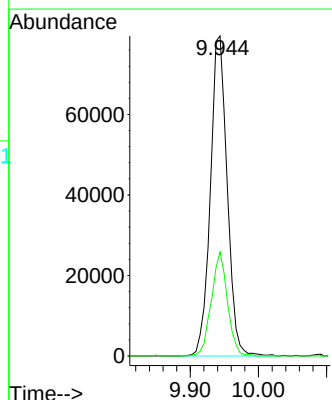
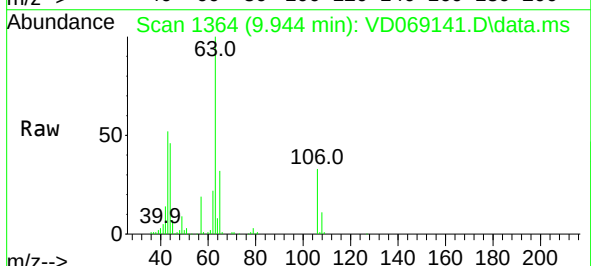
Manual Integrations
APPROVED

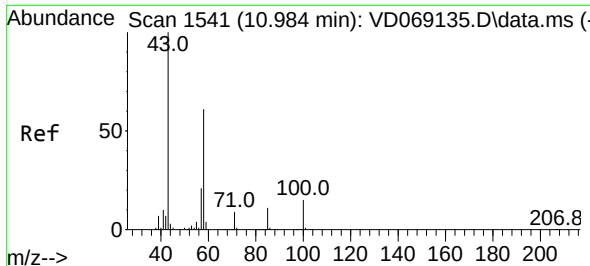
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#58
2-Chloroethyl Vinyl ether
Concen: 102.72 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 63 Resp: 136551
Ion Ratio Lower Upper
63 100
106 31.1 25.3 37.9





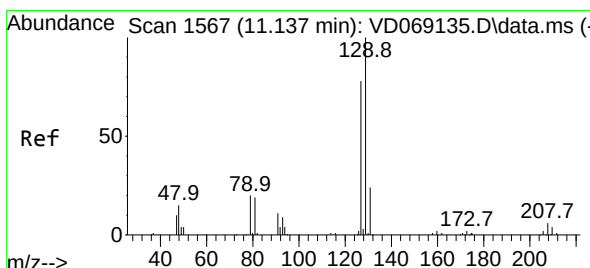
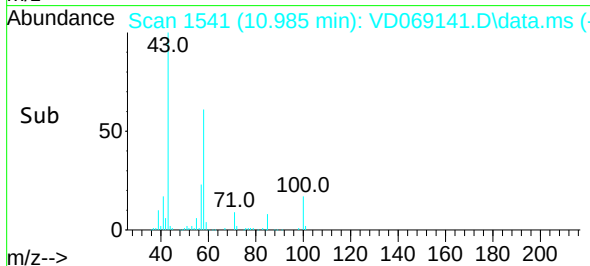
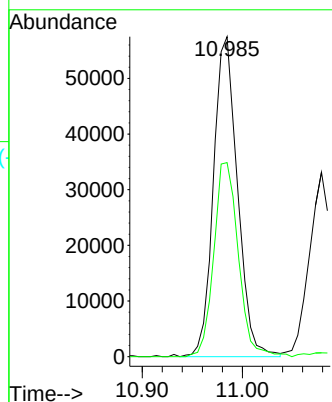
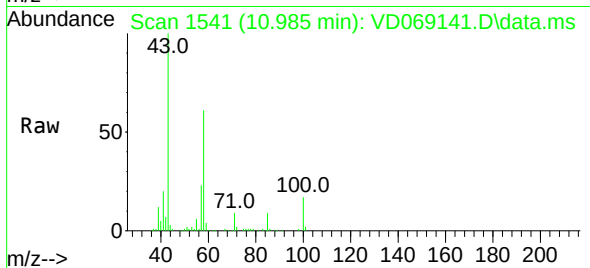
#59
2-Hexanone
Concen: 97.00 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 43 Resp: 95788
Ion Ratio Lower Upper
43 100
58 61.8 31.1 93.5

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

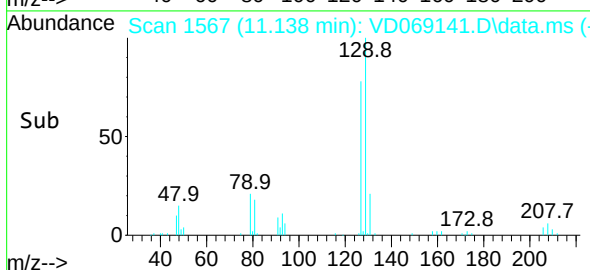
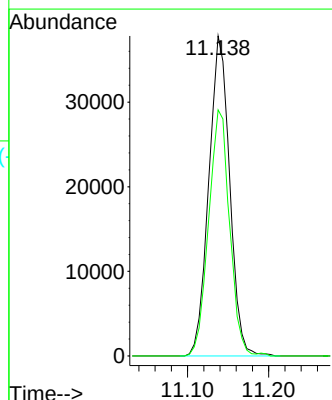
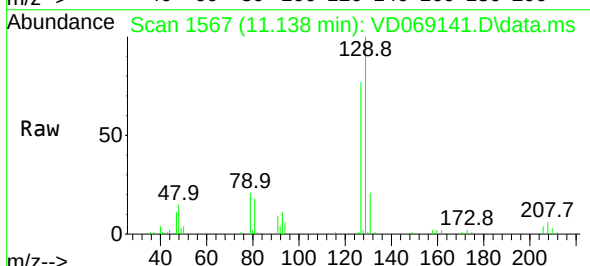
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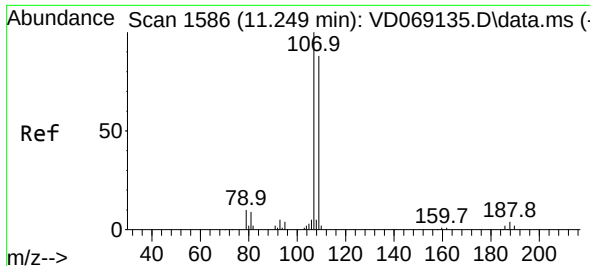
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#60
Dibromochloromethane
Concen: 19.56 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

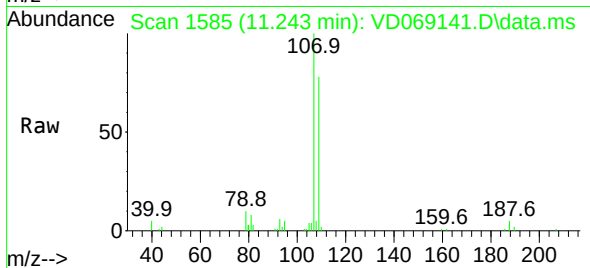
Tgt Ion: 129 Resp: 67475
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.08 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

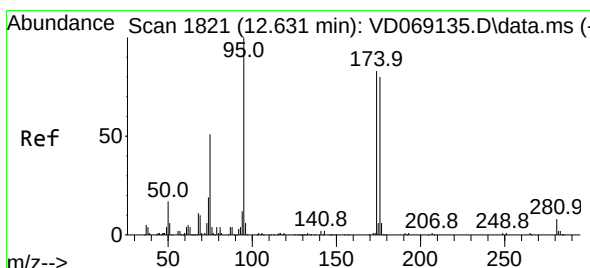
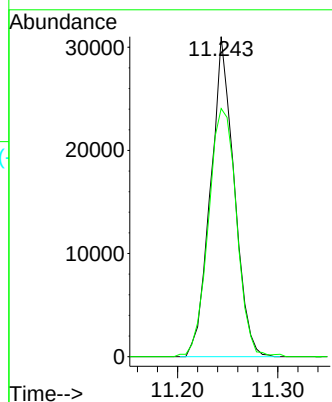
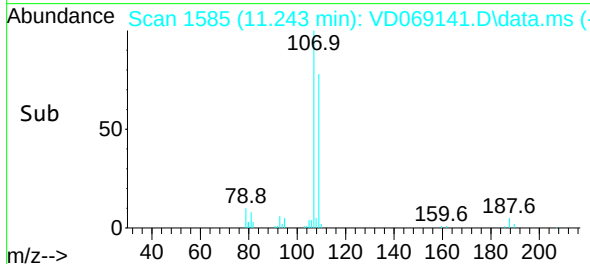
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



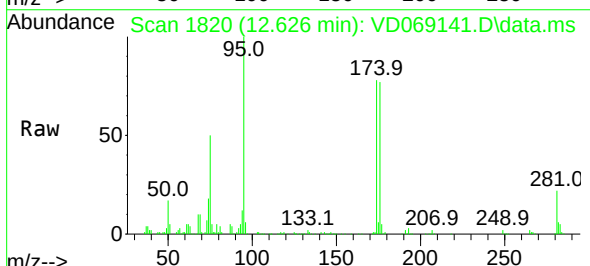
Tgt Ion:107 Resp: 50635
Ion Ratio Lower Upper
107 100
109 92.5 73.6 110.4

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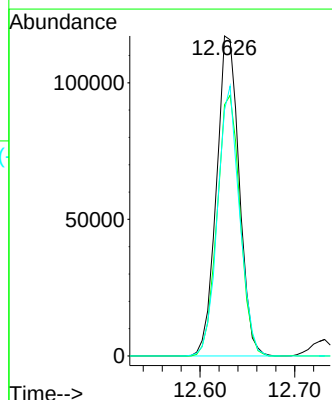
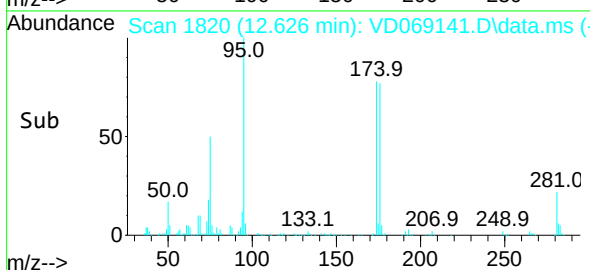
MMDadoda
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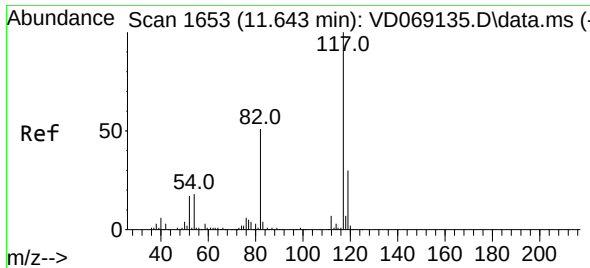


#62
4-Bromofluorobenzene
Concen: 50.09 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



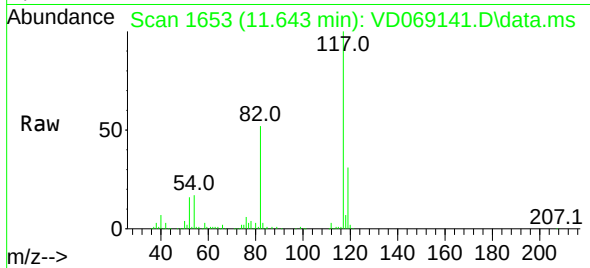
Tgt Ion: 95 Resp: 195420
Ion Ratio Lower Upper
95 100
174 81.9 0.0 171.8
176 81.1 0.0 165.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

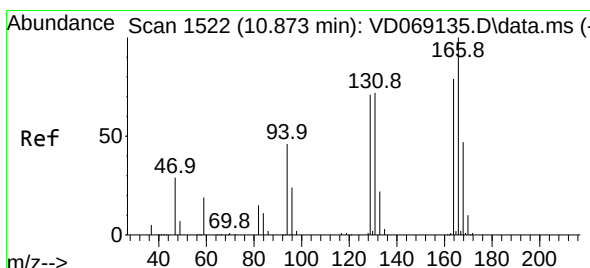
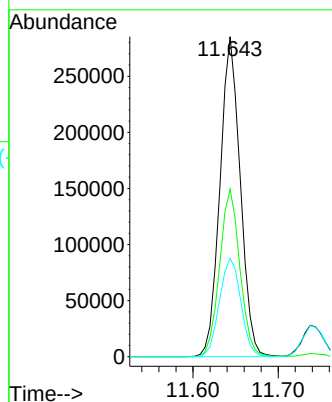
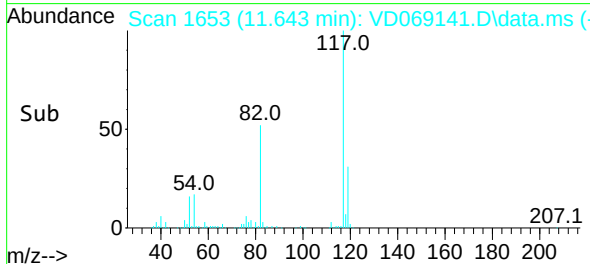
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



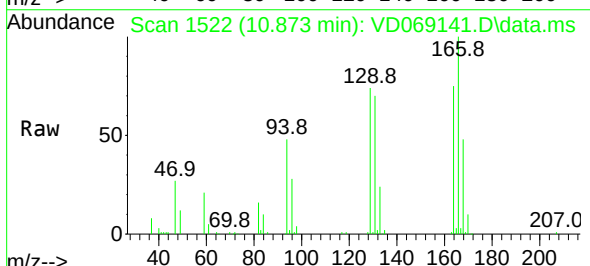
Tgt Ion:117 Resp: 471423
Ion Ratio Lower Upper
117 100
82 52.3 40.5 60.7
119 30.6 24.2 36.4

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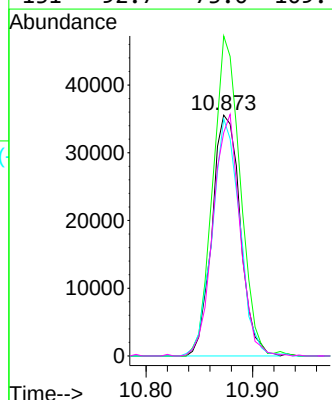
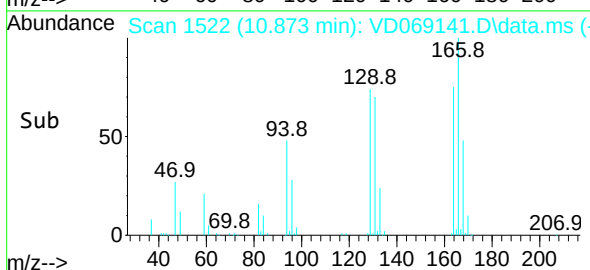
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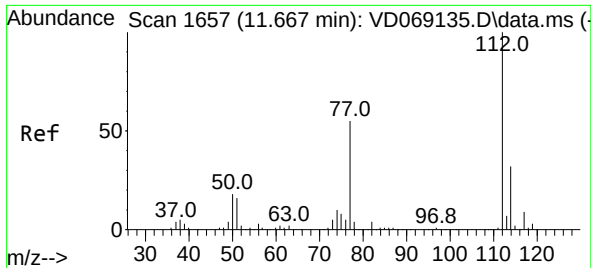


#64
Tetrachloroethene
Concen: 19.90 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



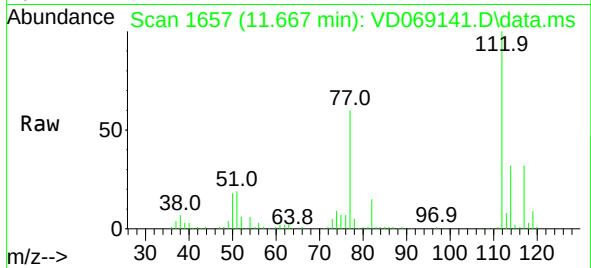
Tgt Ion:164 Resp: 65202
Ion Ratio Lower Upper
164 100
166 132.8 101.7 152.5
129 98.5 72.6 109.0
131 92.7 73.0 109.4





#65
Chlorobenzene
Concen: 20.13 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

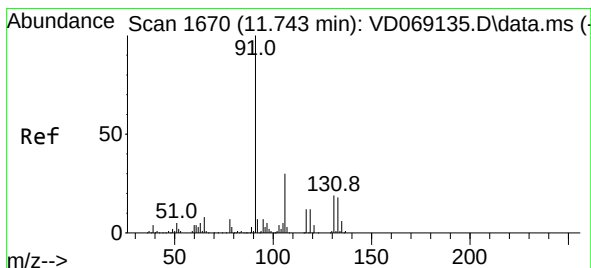
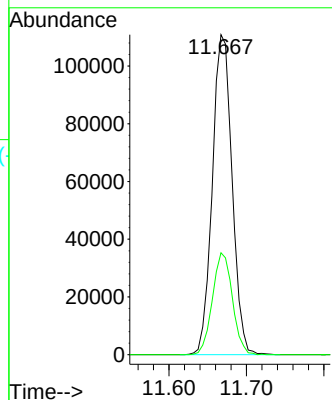
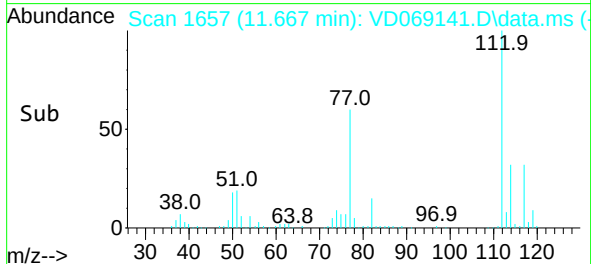
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



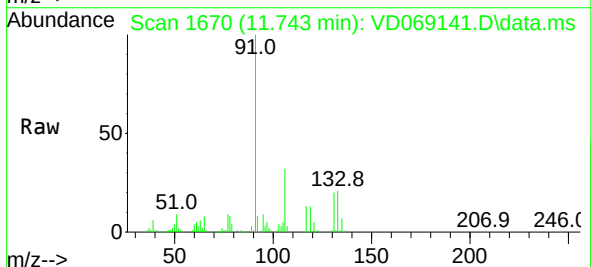
Tgt Ion:112 Resp: 196635
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

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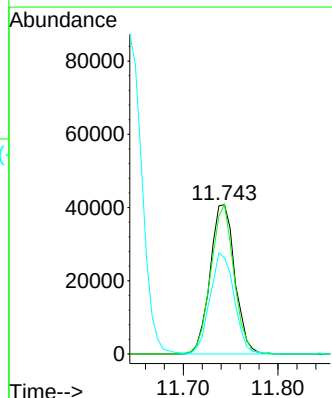
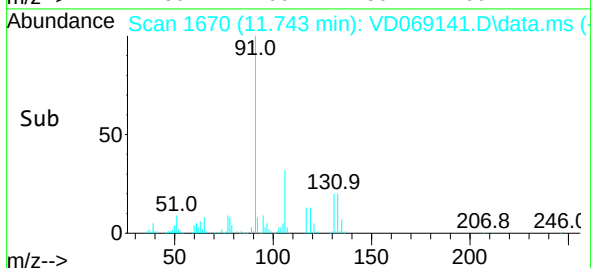
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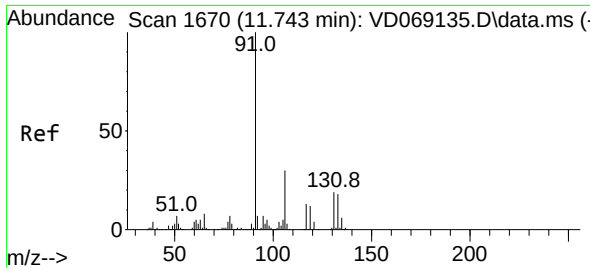


#66
1,1,1,2-Tetrachloroethane
Concen: 20.05 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



Tgt Ion:131 Resp: 73881
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 66.0 32.1 96.5





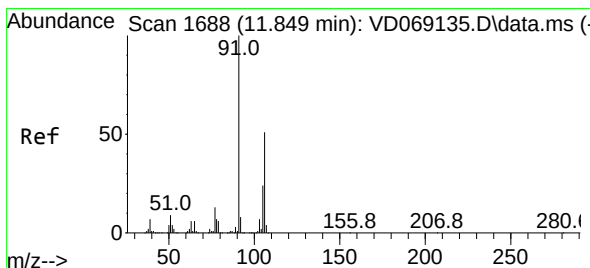
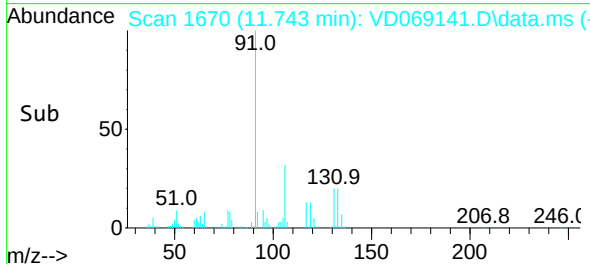
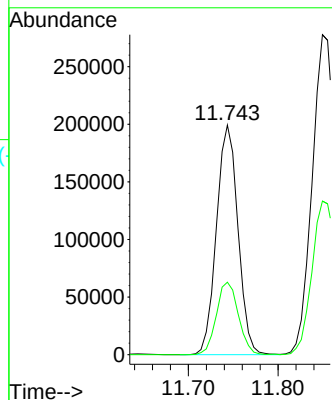
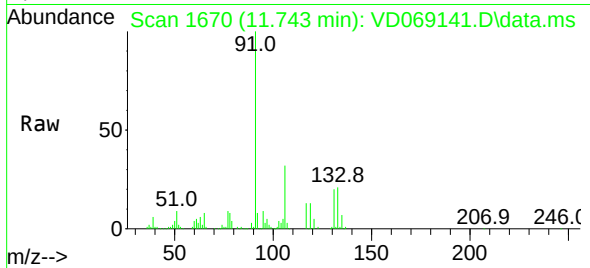
#67
Ethyl Benzene
Concen: 19.71 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 91 Resp: 331513
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

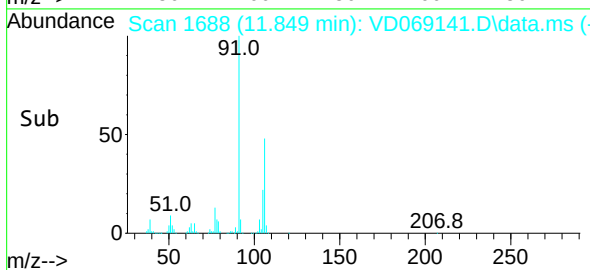
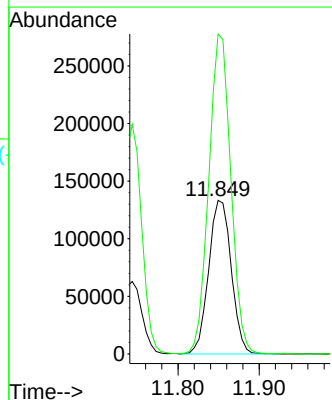
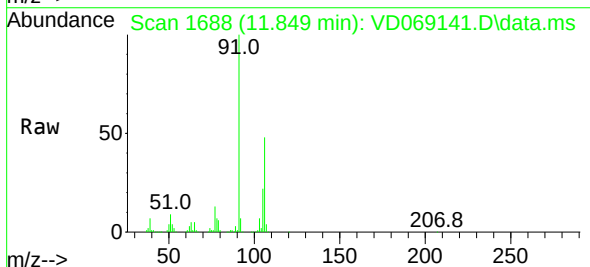
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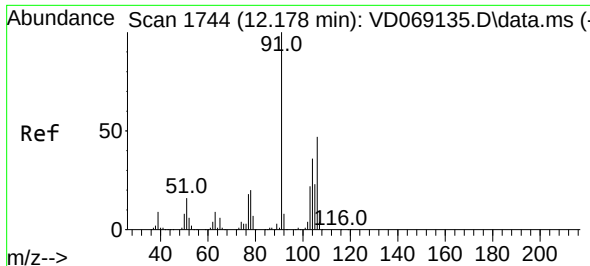
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#68
m/p-Xylenes
Concen: 39.16 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:106 Resp: 258045
Ion Ratio Lower Upper
106 100
91 202.8 157.3 235.9





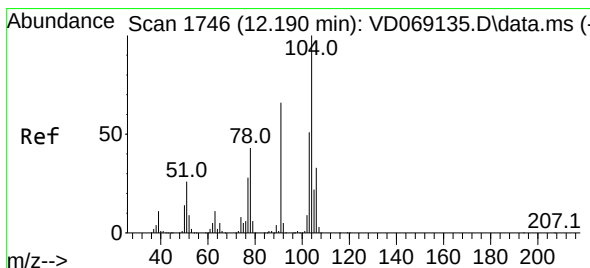
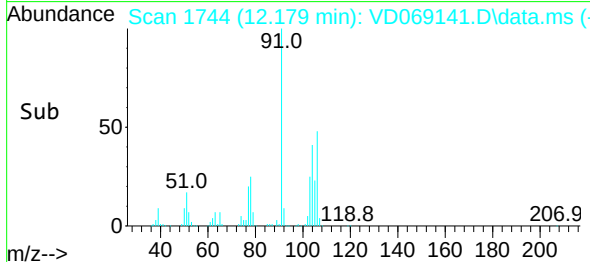
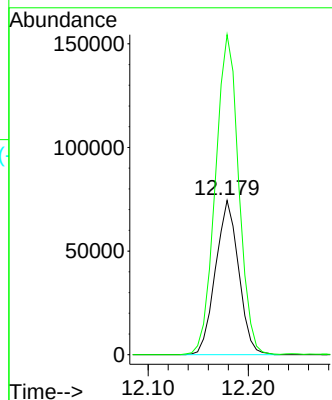
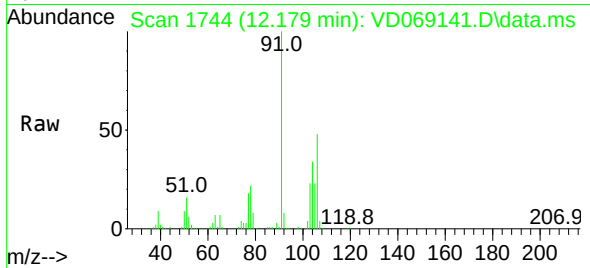
#69
o-Xylene
Concen: 20.34 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:106 Resp: 119183
Ion Ratio Lower Upper
106 100
91 209.5 104.8 314.6

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

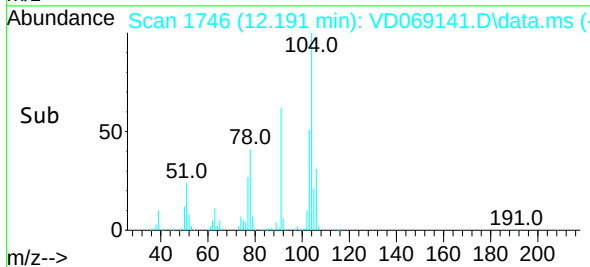
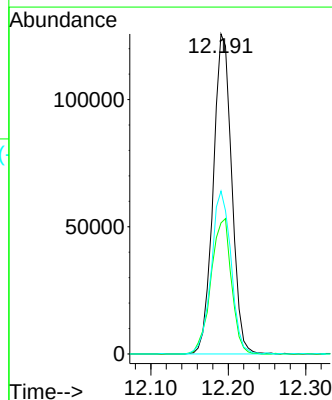
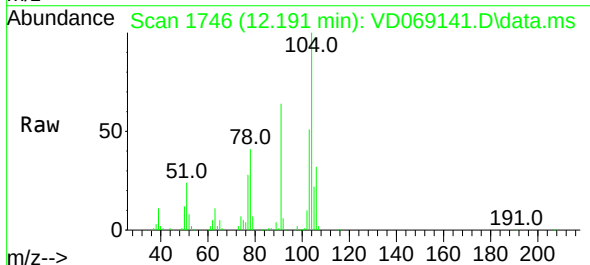
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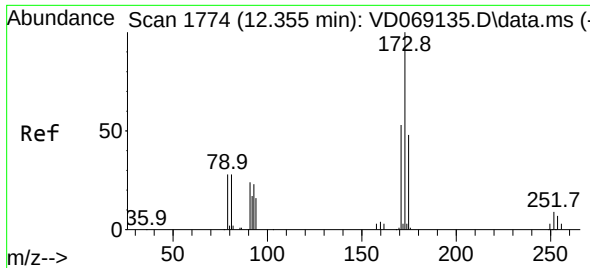
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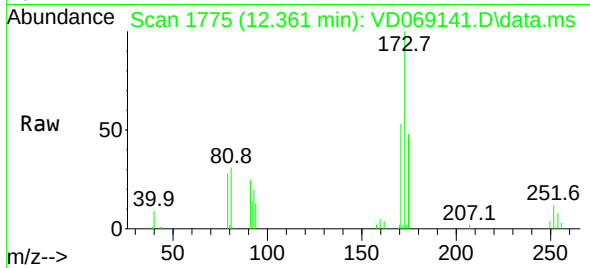
#70
Styrene
Concen: 20.39 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:104 Resp: 208599
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 54.4 44.8 67.2

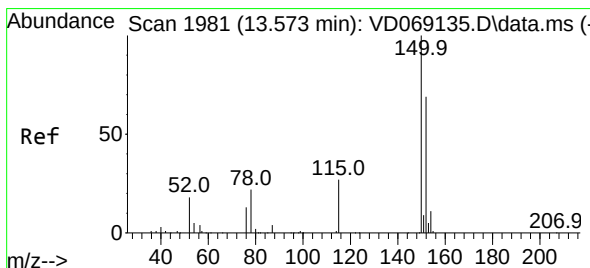
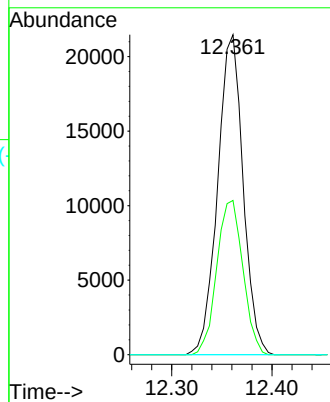
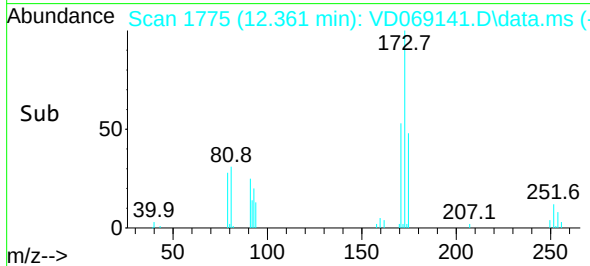




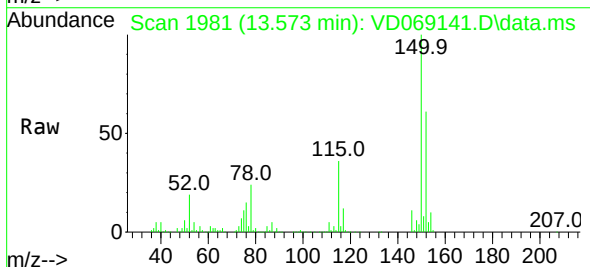
#71
Bromoform
Concen: 19.76 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



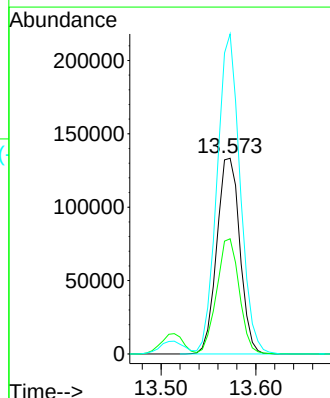
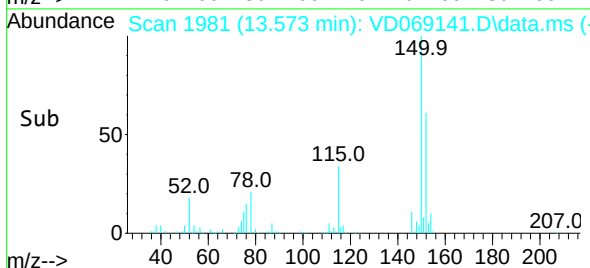
Tgt Ion:173 Resp: 37878
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



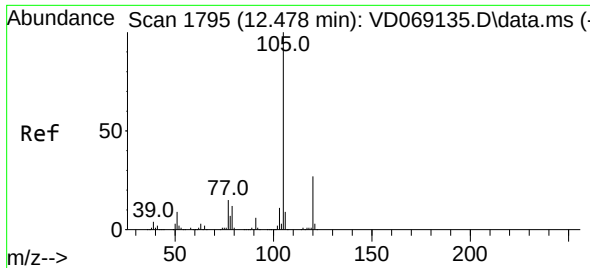
Tgt Ion:152 Resp: 225691
Ion Ratio Lower Upper
152 100
115 57.9 29.9 89.8
150 163.4 0.0 350.2



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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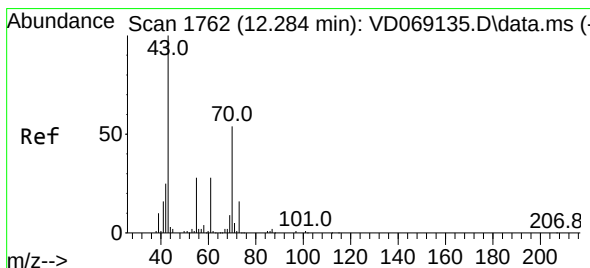
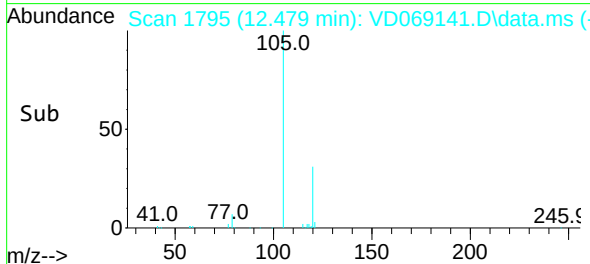
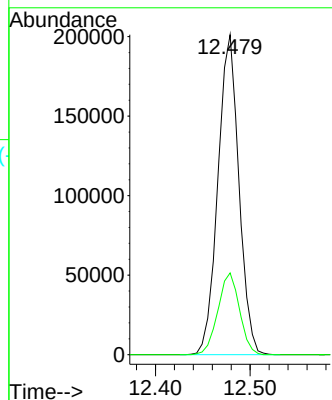
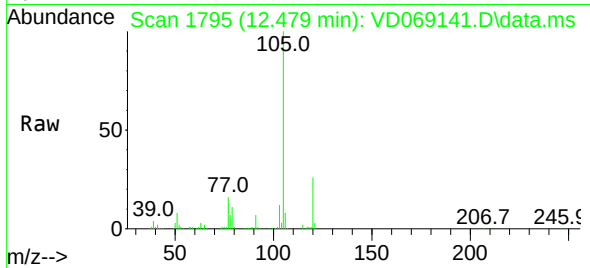
#73
Isopropylbenzene
Concen: 19.66 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 105 Resp: 310080
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

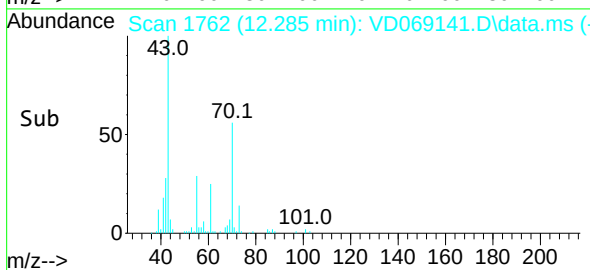
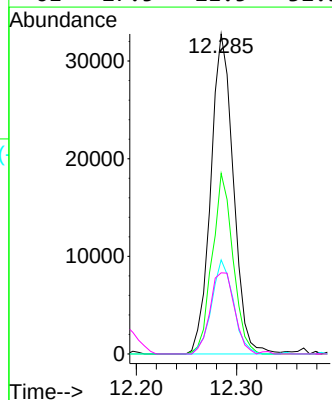
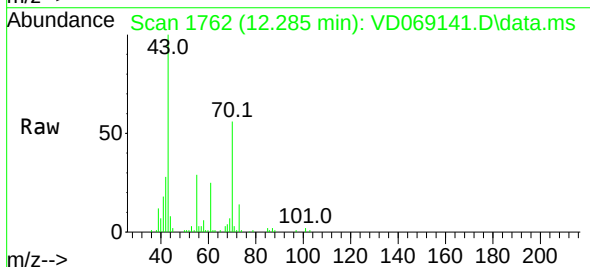
Manual Integrations
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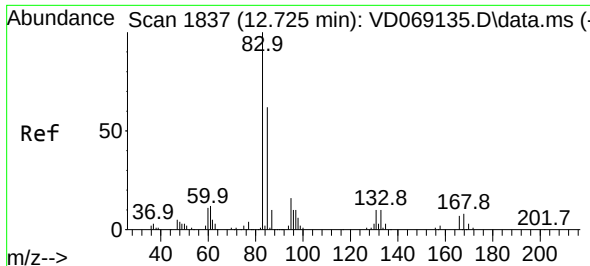
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#74
N-ethyl acetate
Concen: 19.93 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 43 Resp: 51423
Ion Ratio Lower Upper
43 100
70 52.0 41.6 62.4
55 28.2 22.6 34.0
61 27.5 21.5 32.3





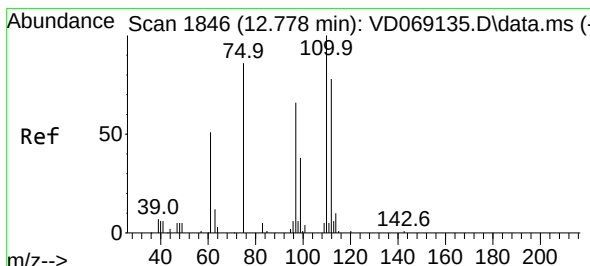
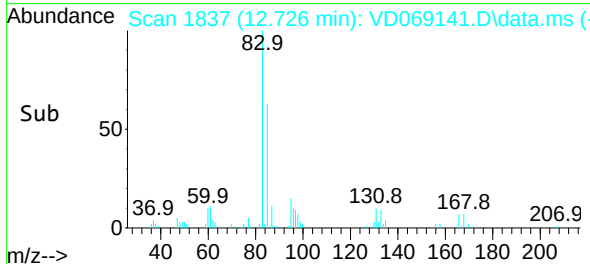
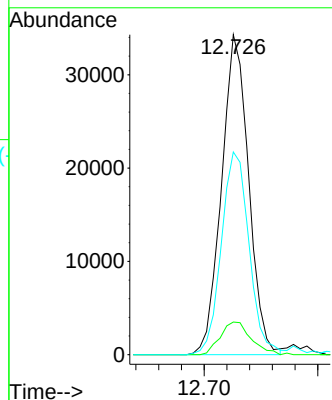
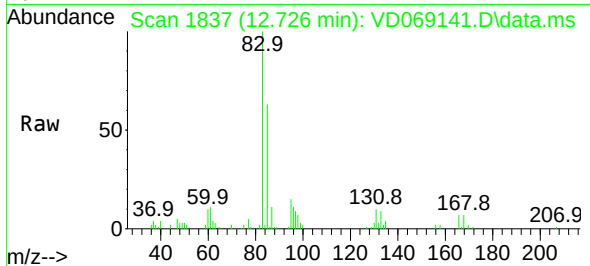
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.87 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VD069141.D
 Acq: 12 May 2021 17:31

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.4	16.2
85	65.1	31.9	95.5

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBSD01

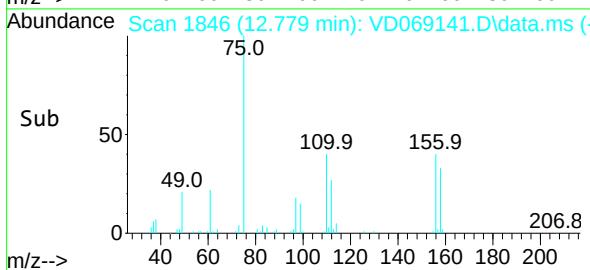
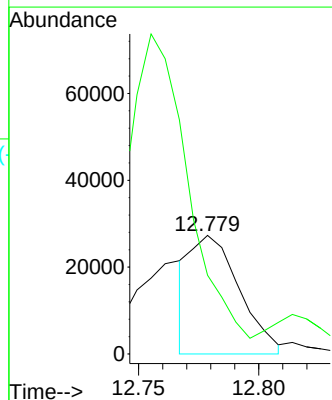
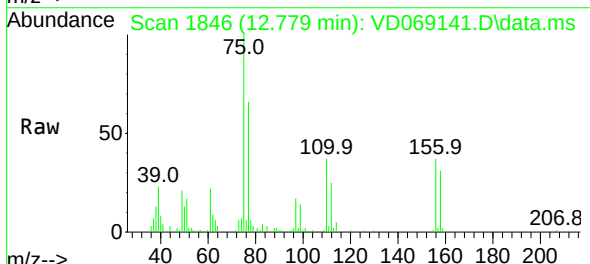
Manual Integrations
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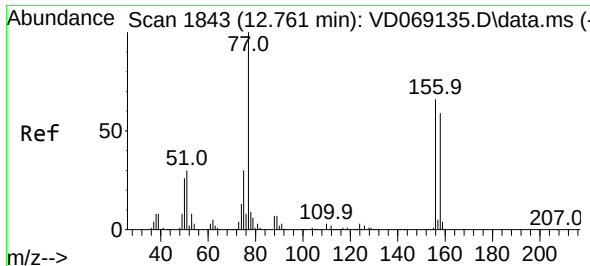
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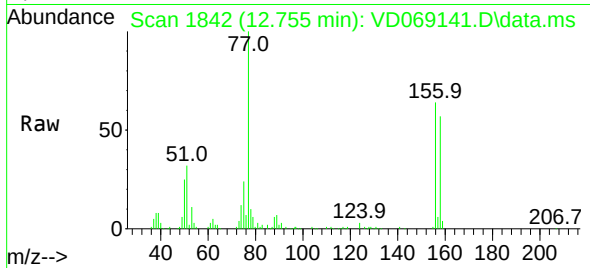
#76
 1,2,3-Trichloropropane
 Concen: 22.88 ug/l m
 RT: 12.779 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VD069141.D
 Acq: 12 May 2021 17:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

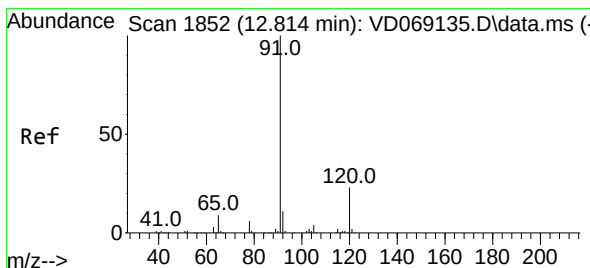
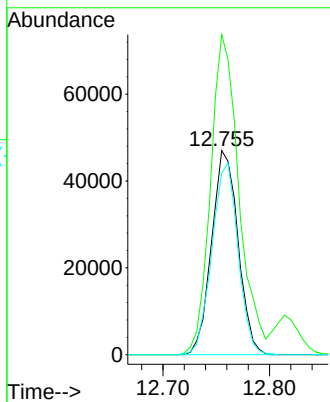
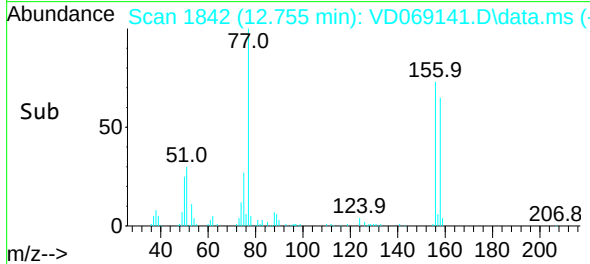




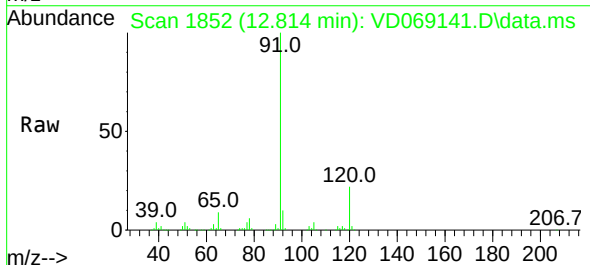
#77
Bromobenzene
Concen: 21.63 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



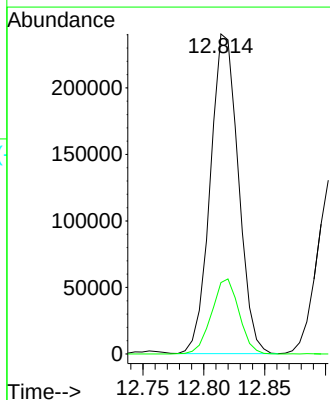
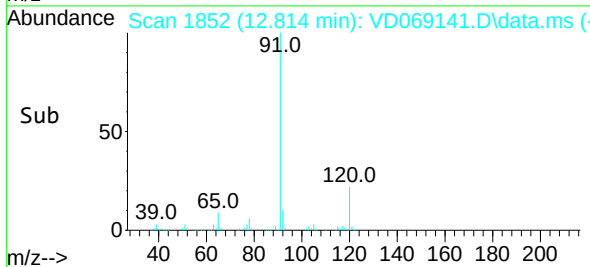
Tgt Ion:156 Resp: 80962
Ion Ratio Lower Upper
156 100
77 168.3 85.8 257.3
158 92.8 47.8 143.4



#78
n-propylbenzene
Concen: 20.23 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



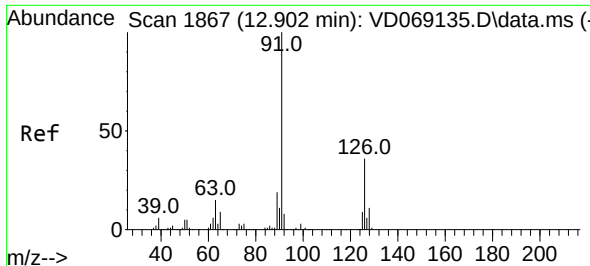
Tgt Ion: 91 Resp: 385103
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

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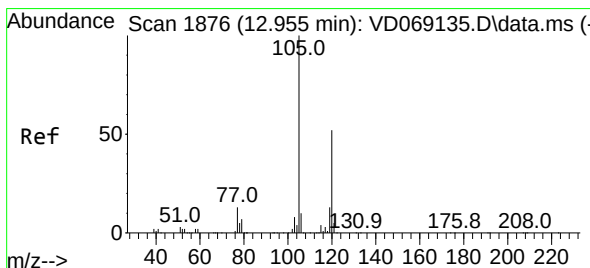
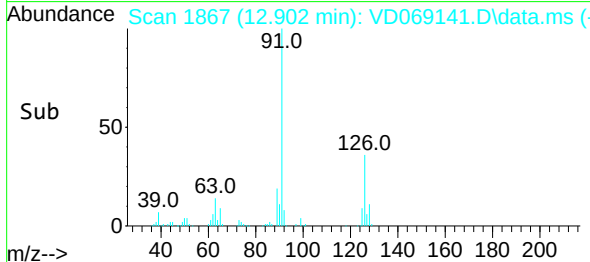
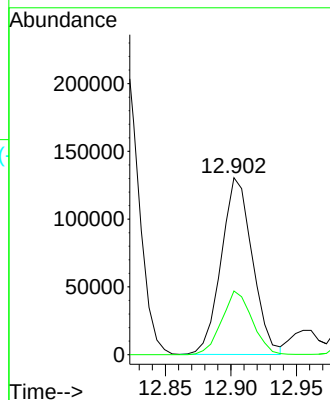
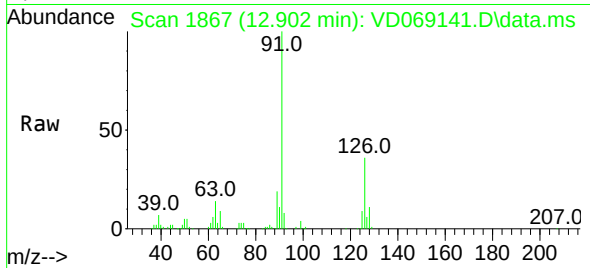
#79
2-Chlorotoluene
Concen: 20.41 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 91 Resp: 216132
Ion Ratio Lower Upper
91 100
126 35.0 18.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

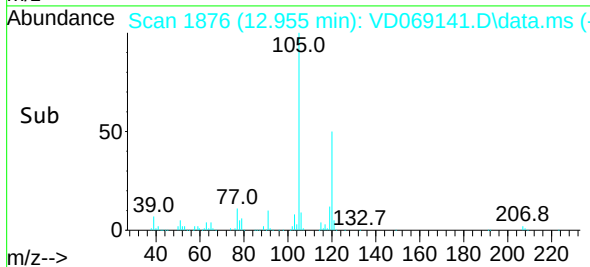
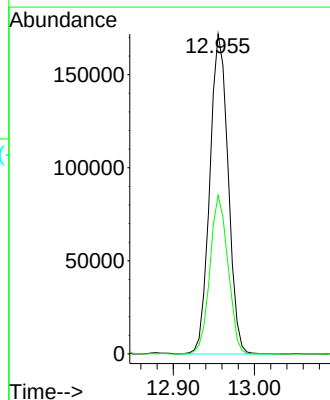
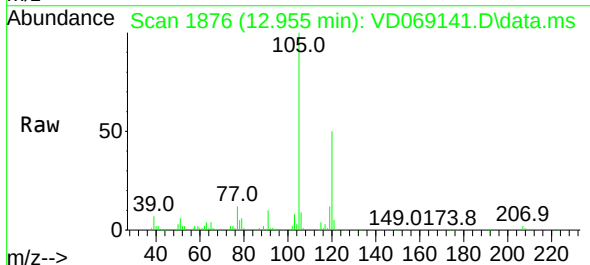
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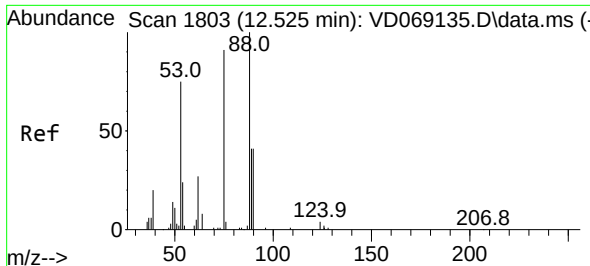
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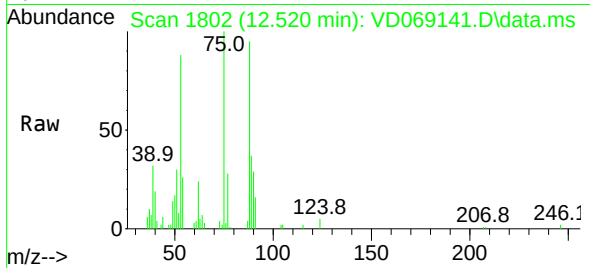
#80
1,3,5-Trimethylbenzene
Concen: 20.70 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 105 Resp: 269260
Ion Ratio Lower Upper
105 100
120 48.9 25.3 75.8

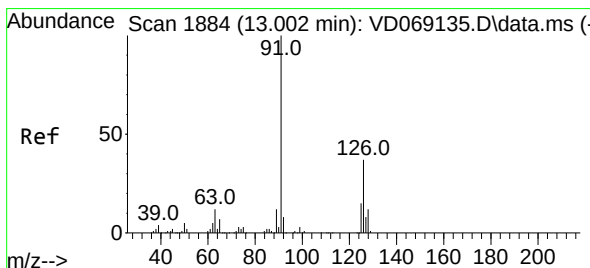
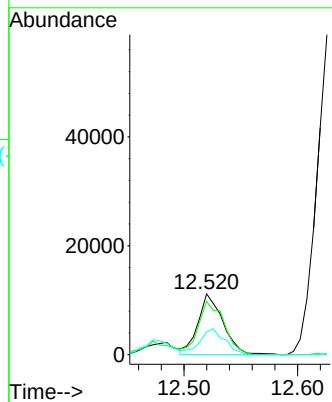
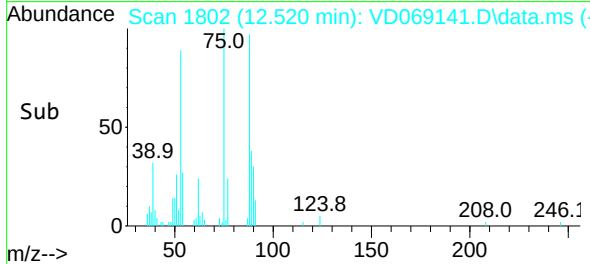




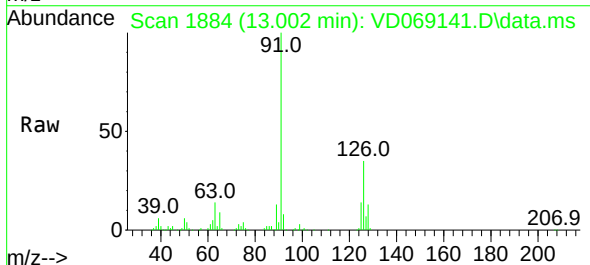
#81
trans-1,4-Dichloro-2-butene
Concen: 20.34 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



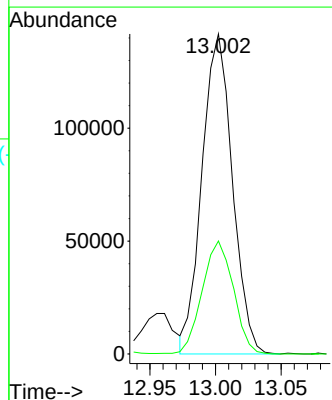
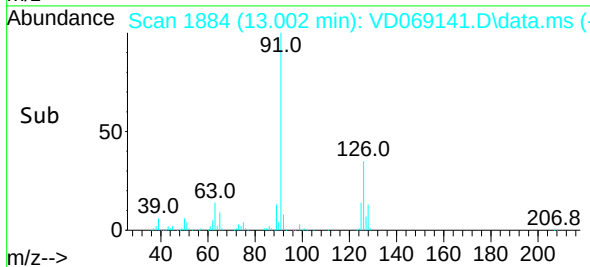
Tgt Ion: 75 Resp: 17087
Ion Ratio Lower Upper
75 100
53 90.3 70.0 105.0
89 42.4 40.2 60.2



#82
4-Chlorotoluene
Concen: 20.30 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



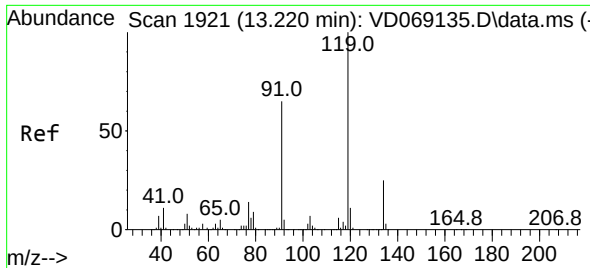
Tgt Ion: 91 Resp: 228985
Ion Ratio Lower Upper
91 100
126 36.2 17.7 53.1



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

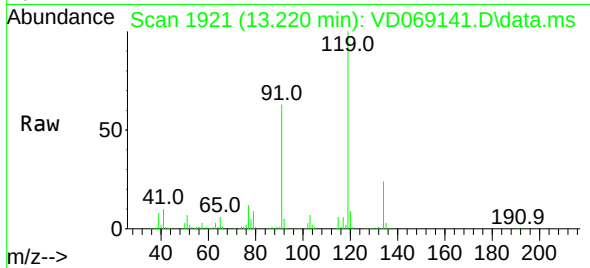
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#83
tert-Butylbenzene
Concen: 20.31 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

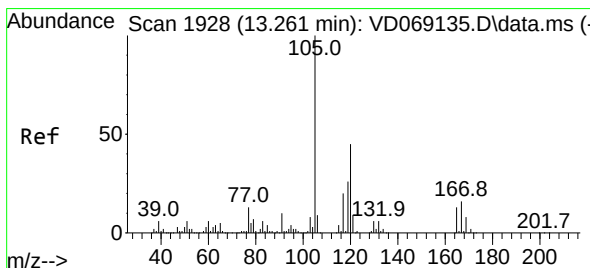
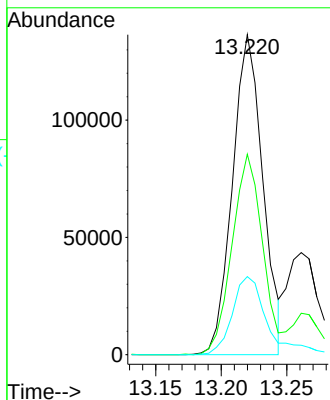
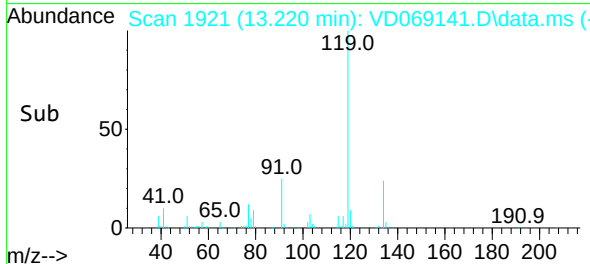
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



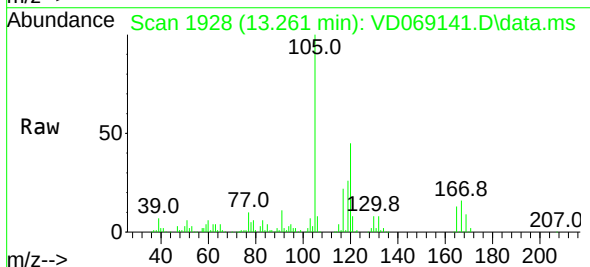
Tgt Ion:119 Resp: 220156
Ion Ratio Lower Upper
119 100
91 63.9 32.5 97.4
134 28.1 13.8 41.3

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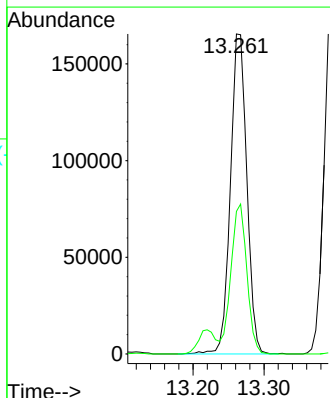
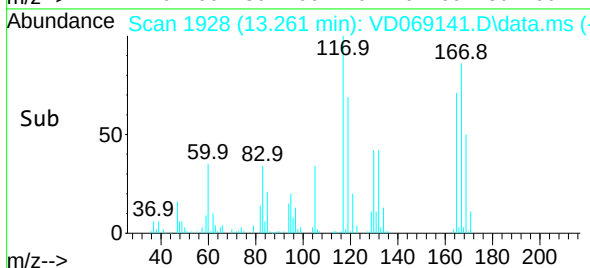
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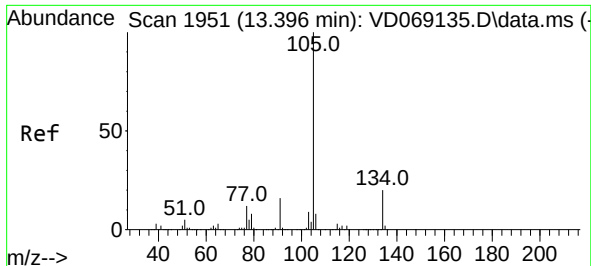


#84
1,2,4-Trimethylbenzene
Concen: 20.31 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



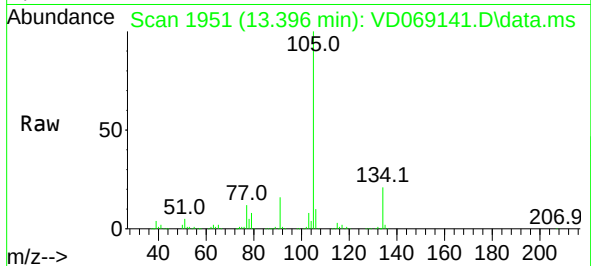
Tgt Ion:105 Resp: 265763
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.95 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069141.D
 Acq: 12 May 2021 17:31

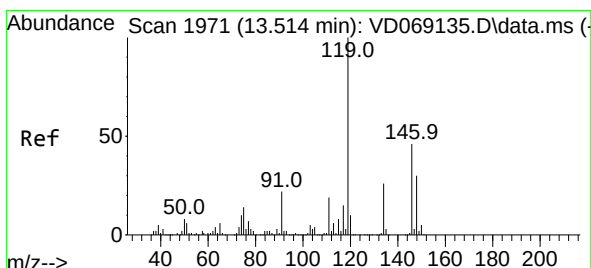
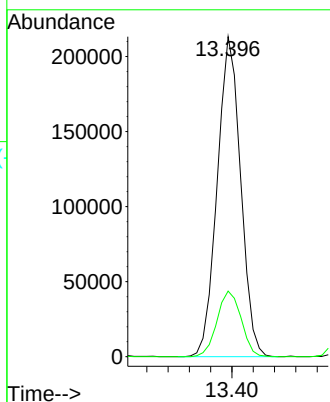
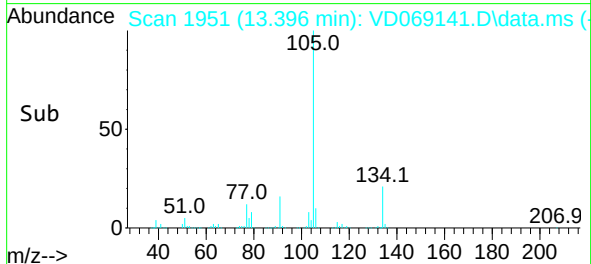
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBSD01



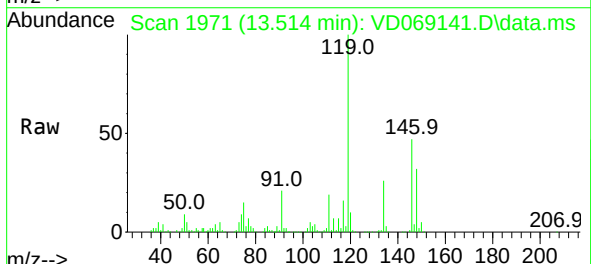
Tgt Ion:105 Resp: 325185
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8

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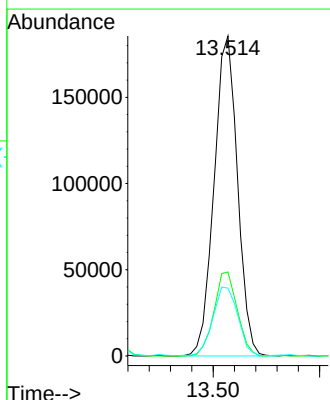
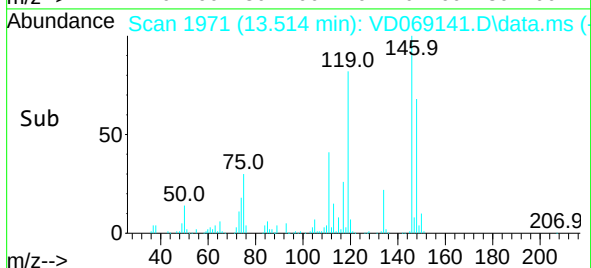
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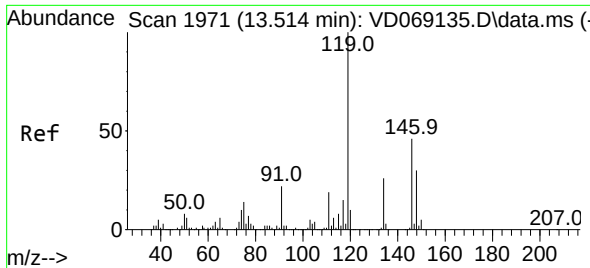


#86
 p-Isopropyltoluene
 Concen: 19.73 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD069141.D
 Acq: 12 May 2021 17:31



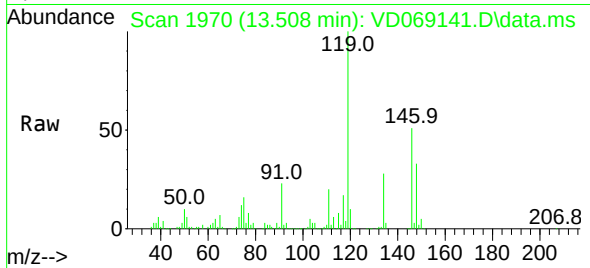
Tgt Ion:119 Resp: 282486
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 22.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.64 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

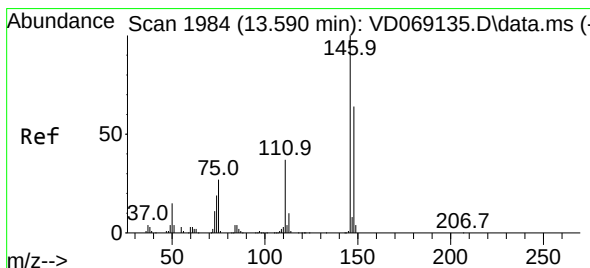
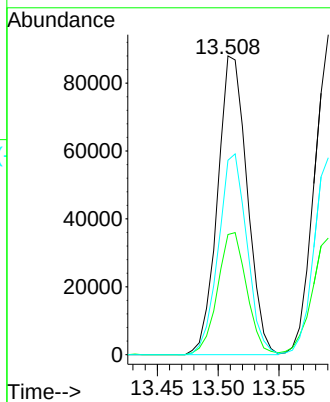
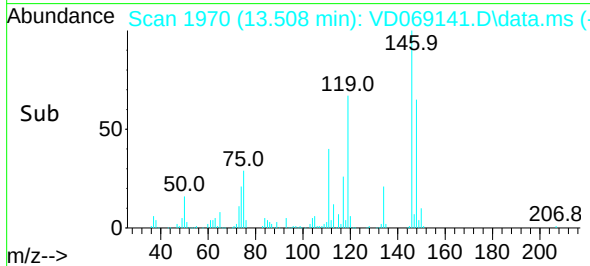
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01



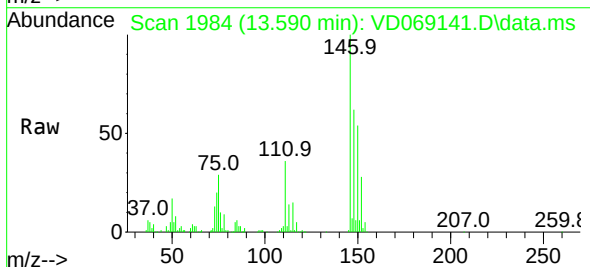
Tgt Ion:146 Resp: 148823
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.6
148 64.8 31.6 94.8

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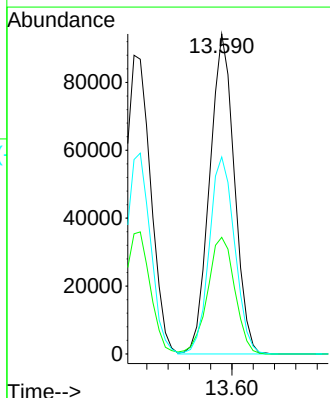
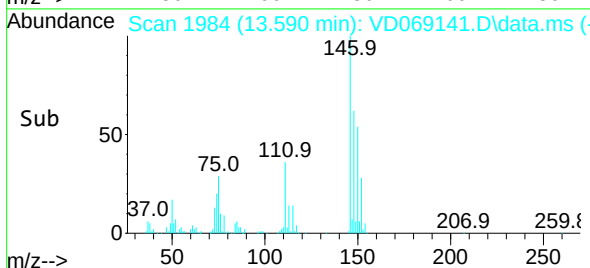
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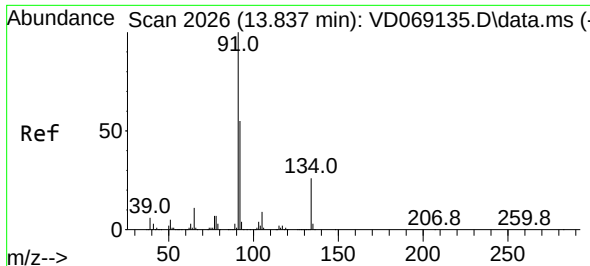


#88
1,4-Dichlorobenzene
Concen: 20.25 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



Tgt Ion:146 Resp: 151967
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 63.4 32.4 97.0





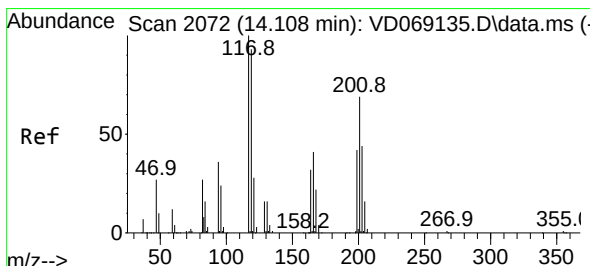
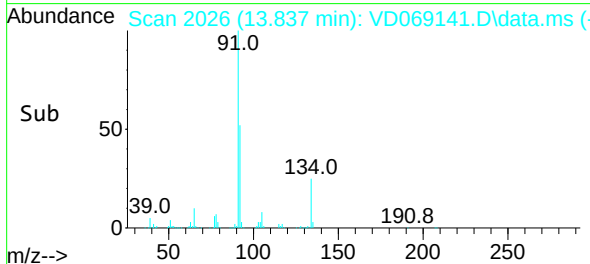
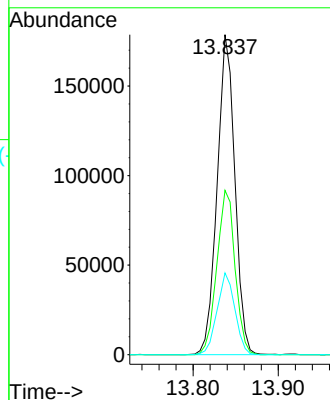
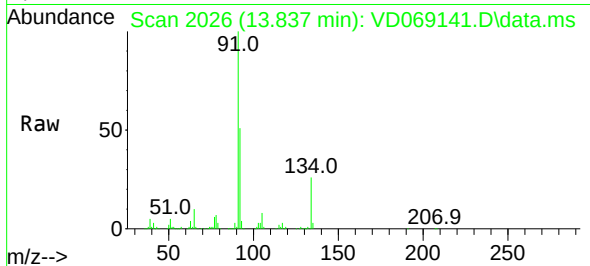
#89
n-Butylbenzene
Concen: 19.34 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:	91	Resp:	258016
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	25.7	13.0	39.0

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

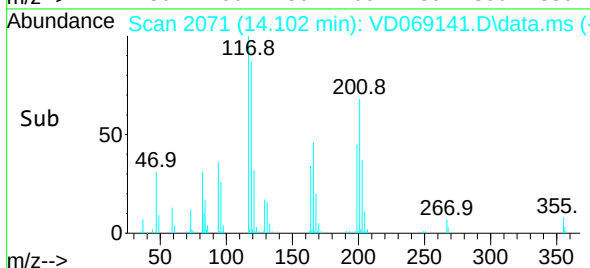
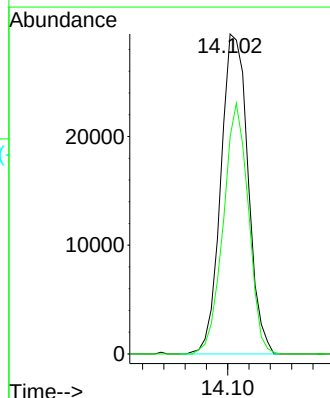
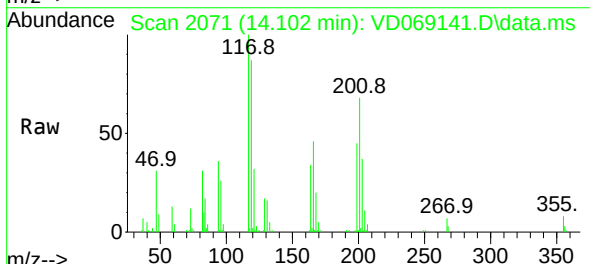
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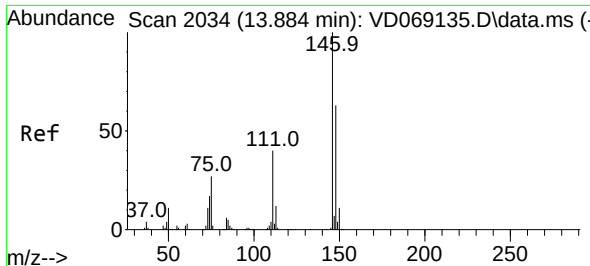
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#90
Hexachloroethane
Concen: 19.41 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:	117	Resp:	52096
Ion	Ratio	Lower	Upper
117	100		
201	72.2	35.4	106.1





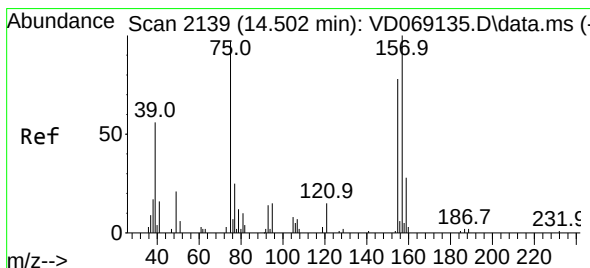
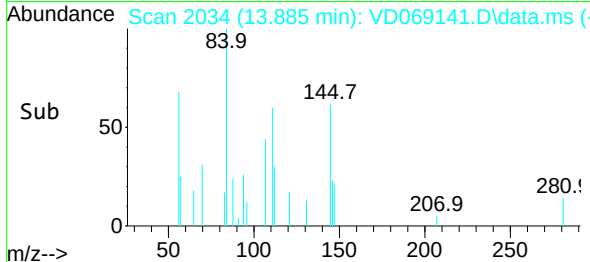
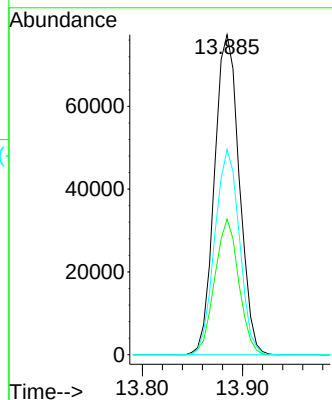
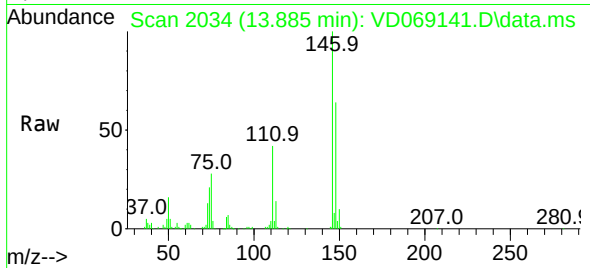
#91
1,2-Dichlorobenzene
Concen: 20.40 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 146 Resp: 132731
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 63.8 31.3 93.8

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

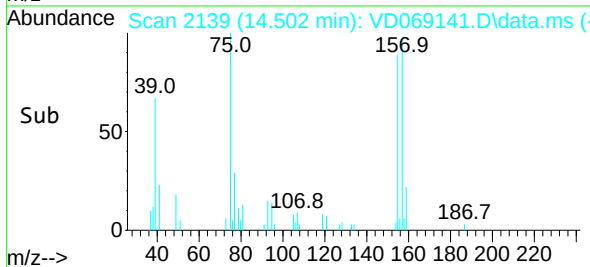
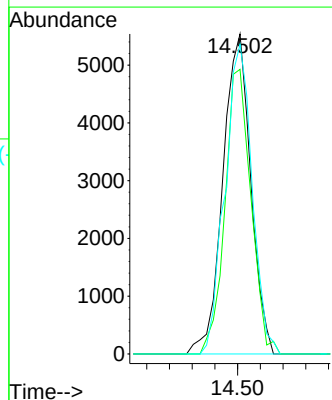
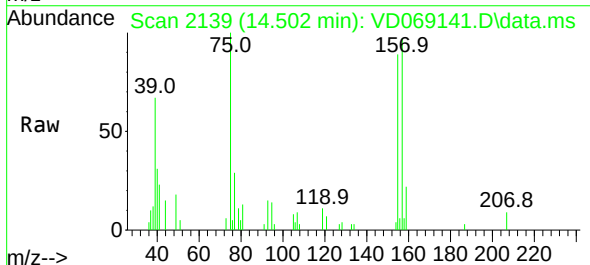
Manual Integrations
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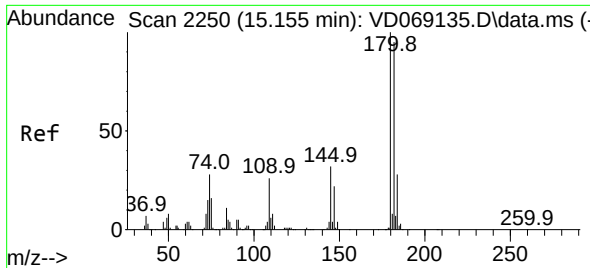
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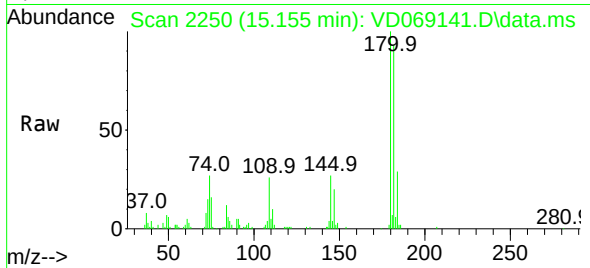
#92
1,2-Dibromo-3-Chloropropane
Concen: 21.23 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion: 75 Resp: 9421
Ion Ratio Lower Upper
75 100
155 83.2 43.9 131.7
157 94.4 54.9 164.7

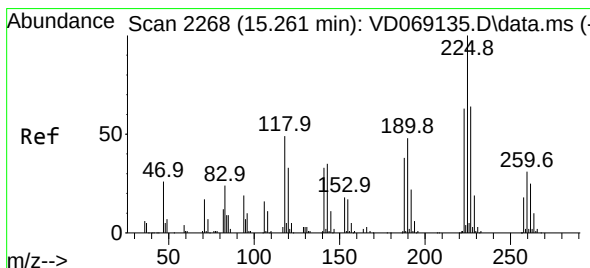
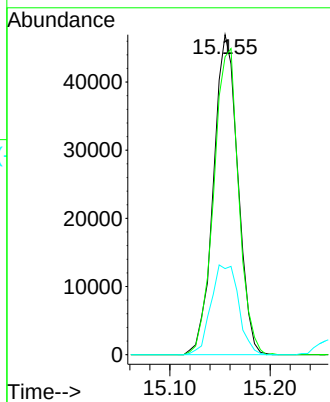
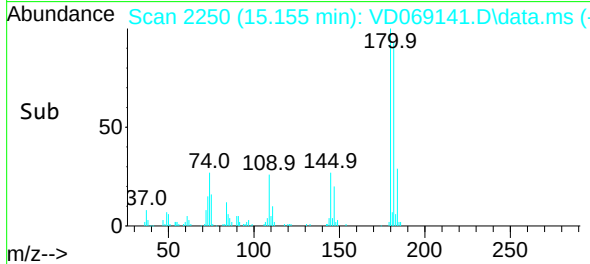




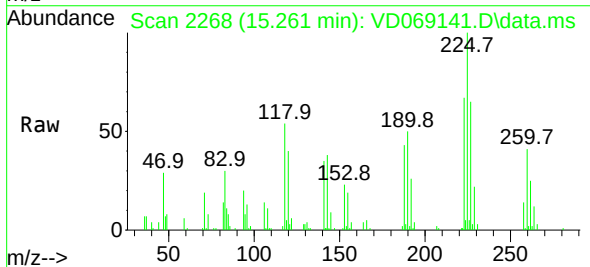
#93
1,2,4-Trichlorobenzene
Concen: 19.90 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



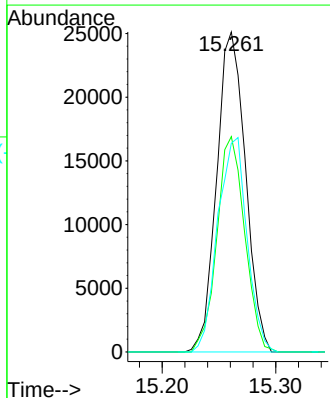
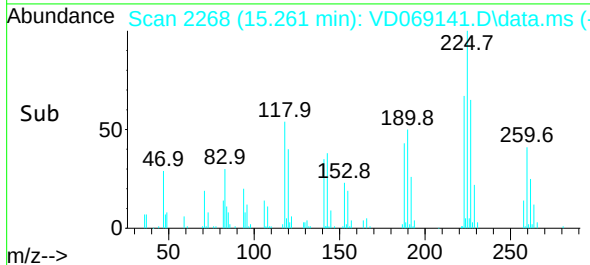
Tgt Ion:180 Resp: 79360
Ion Ratio Lower Upper
180 100
182 97.4 47.8 143.3
145 31.6 15.6 46.8



#94
Hexachlorobutadiene
Concen: 18.50 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31



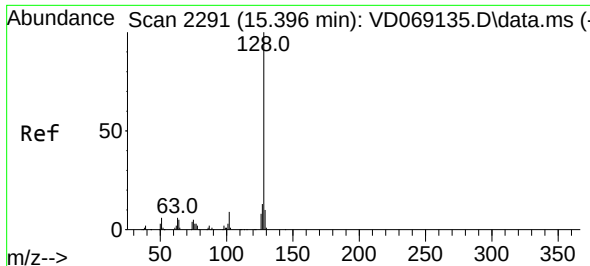
Tgt Ion:225 Resp: 44254
Ion Ratio Lower Upper
225 100
223 65.1 31.1 93.5
227 68.0 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:02 PM



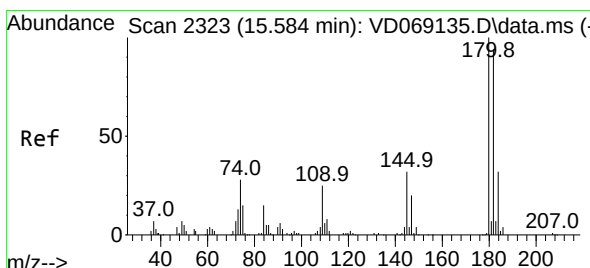
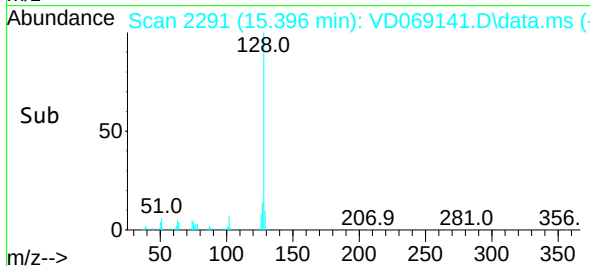
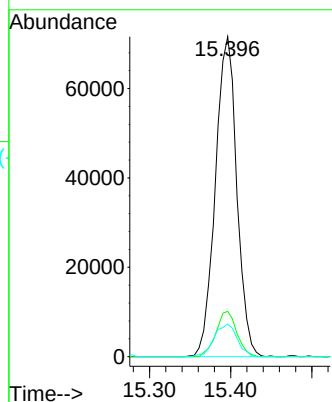
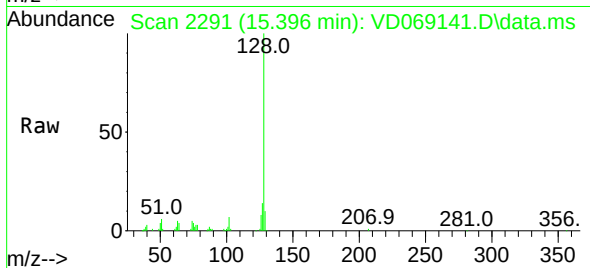
#95
Naphthalene
Concen: 19.11 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:128 Resp: 131389
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.9 8.9 13.3

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:06:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.89 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VD069141.D
Acq: 12 May 2021 17:31

Tgt Ion:180 Resp: 67832
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 32.1 16.1 48.3

