

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068713.D
 Acq On : 29 Mar 2021 22:15
 Operator : VA/SY
 Sample : M1836-04
 Misc : 11.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-10-12

Quant Time: Mar 30 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	614427	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.873	114	1161081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	1096219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	584942	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.344	65	319917	51.64	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.28%	
35) Dibromofluoromethane	7.920	113	293035	40.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.12%	
50) Toluene-d8	10.350	98	2160086	77.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 155.12%#	
62) 4-Bromofluorobenzene	12.632	95	756831	83.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 167.62%#	

Target Compounds						Qvalue
3) Chloromethane	2.168	50	28877	4.88	ug/l	# 64
6) Chloroethane	3.026	64	17607	3.84	ug/l	# 1
10) Methyl Iodide	4.297	142	929	3.61	ug/l	# 71
11) Tert butyl alcohol	5.238	59	305579	1070.36	ug/l	# 73
13) Acrolein	3.879	56	1455176	6569.79	ug/l	# 1
14) Allyl chloride	4.826	41	1359688	230.45	ug/l	# 46
15) Acrylonitrile	5.491	53	1852465	1650.77	ug/l	# 37
16) Acetone	4.138	43	3007869	4001.63	ug/l	# 52
17) Carbon Disulfide	4.409	76	18206	1.17	ug/l	98
18) Methyl Acetate	4.956	43	18905164	9149.60	ug/l	# 43
20) Methylene Chloride	4.826	84	437153	70.32	ug/l	# 16
22) Diisopropyl ether	6.373	45	27814	1.85	ug/l	# 1
23) Vinyl Acetate	6.285	43	739777	92.85	ug/l	# 68
24) 1,1-Dichloroethane	6.285	63	78977	7.18	ug/l	# 81
25) 2-Butanone	7.214	43	770605	618.72	ug/l	# 43
26) 2,2-Dichloropropane	7.109	77	12277	1.25	ug/l	# 51
28) Bromochloromethane	7.738	49	103467	23.79	ug/l	# 5
29) Tetrahydrofuran	7.573	42	30948	39.31	ug/l	# 25
30) Chloroform	7.738	83	396342	33.16	ug/l	# 1
31) Cyclohexane	7.985	56	19299526	1930.62	ug/l	# 73
36) 1,1-Dichloropropene	7.985	75	68803	6.63	ug/l	# 46
37) Ethyl Acetate	7.214	43	770605	235.46	ug/l	# 64
38) Carbon Tetrachloride	7.985	117	62823	6.07	ug/l	# 15
39) Methylcyclohexane	9.361	83	22113656	1727.63	ug/l	# 74
41) Methacrylonitrile	7.573	41	290436	151.65	ug/l	# 39
42) 1,2-Dichloroethane	8.361	62	815892	103.05	ug/l	# 40
43) Isopropyl Acetate	8.544	43	35668544	5681.87	ug/l	# 45
45) 1,2-Dichloropropane	9.367	63	339816	46.95	ug/l	# 1
47) Bromodichloromethane	9.650	83	1248495	118.24	ug/l	# 29
48) Methyl methacrylate	9.503	41	5077638	1596.04	ug/l	# 20
49) 1,4-Dioxane	9.485	88	65	1.42	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.302	43	7345165	2247.62	ug/l	# 82
53) t-1,3-Dichloropropene	10.444	75	838711	86.35	ug/l	# 1
54) cis-1,3-Dichloropropene	9.891	75	16948	1.47	ug/l	# 1
55) 1,1,2-Trichloroethane	10.779	97	4310127	744.33	ug/l	# 33
56) Ethyl methacrylate	10.644	69	538199	86.02	ug/l	# 80

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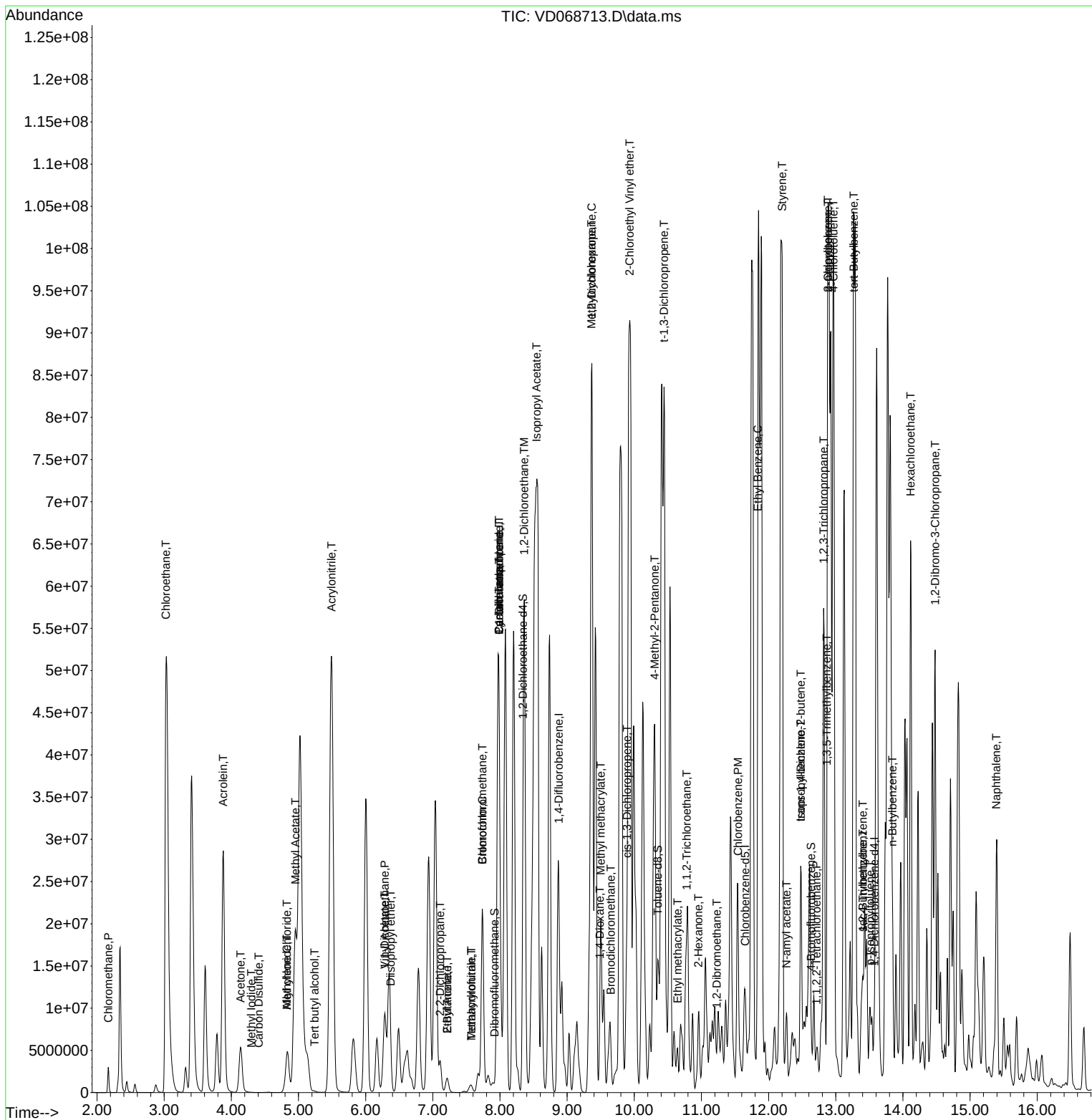
Instrument :
 MSVOA_D
 ClientSampleId :
 B2-10-12

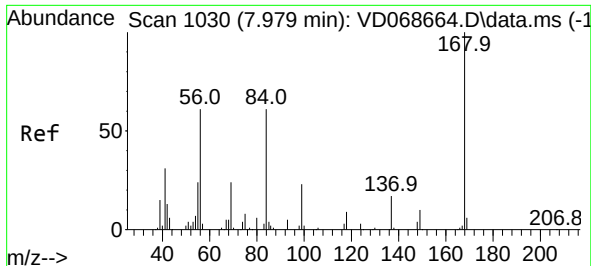
Quant Time: Mar 30 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	9.932	63	316779	99.38	ug/l #	44
59) 2-Hexanone	10.955	43	3251209	1481.63	ug/l #	25
61) 1,2-Dibromoethane	11.226	107	16340	2.92	ug/l #	1
65) Chlorobenzene	11.544	112	51156	2.37	ug/l #	66
67) Ethyl Benzene	11.838	91	3322594	88.28	ug/l #	1
70) Styrene	12.202	104	3646303	156.12	ug/l #	1
73) Isopropylbenzene	12.479	105	15649608	389.39	ug/l	90
74) N-amyl acetate	12.267	43	1583757	236.42	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.714	83	62894	8.86	ug/l #	1
76) 1,2,3-Trichloropropane	12.820	75	413526	84.94	ug/l #	100
78) n-propylbenzene	12.885	91	17127880	357.94	ug/l	84
79) 2-Chlorotoluene	12.885	91	17127880	655.88	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.867	105	2612950	80.39	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.479	75	197479	92.28	ug/l #	65
82) 4-Chlorotoluene	12.967	91	9018911	323.30	ug/l #	41
83) tert-Butylbenzene	13.267	119	10354366	373.81	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.402	105	5314173	158.27	ug/l #	31
85) sec-Butylbenzene	13.402	105	5314173	131.96	ug/l #	51
86) p-Isopropyltoluene	13.514	119	2762217	75.38	ug/l	98
89) n-Butylbenzene	13.843	91	9573494	275.21	ug/l #	66
90) Hexachloroethane	14.114	117	4482355	679.89	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.479	75	228091	224.51	ug/l #	1
95) Naphthalene	15.390	128	21275893	1171.11	ug/l #	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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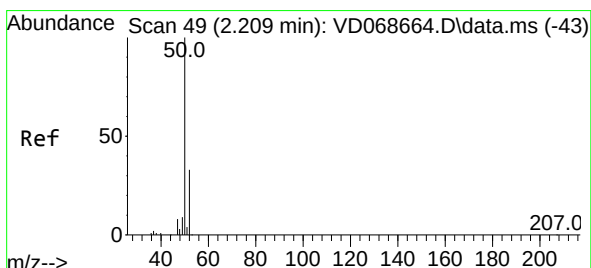
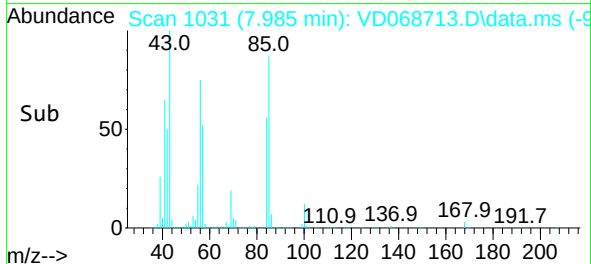
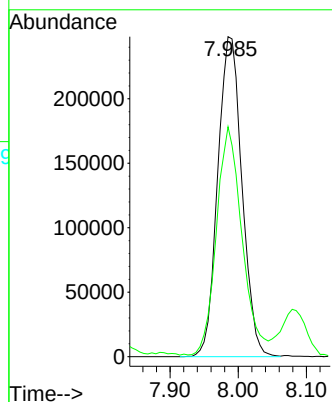
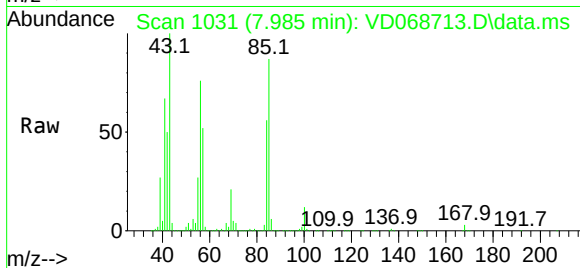




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

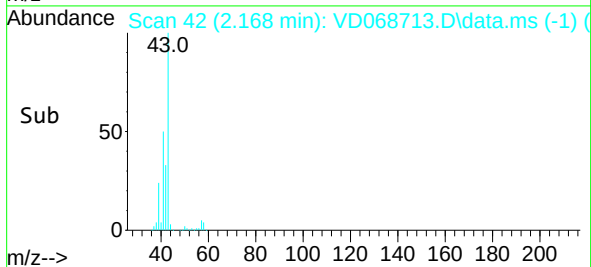
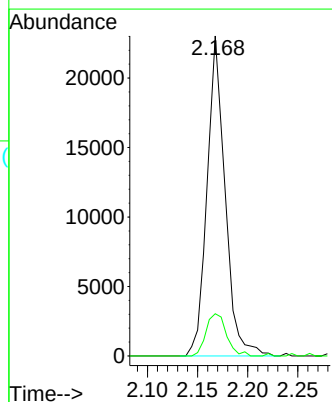
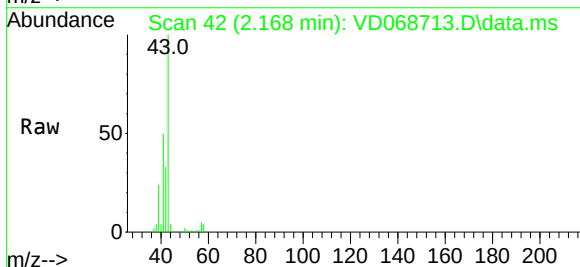
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

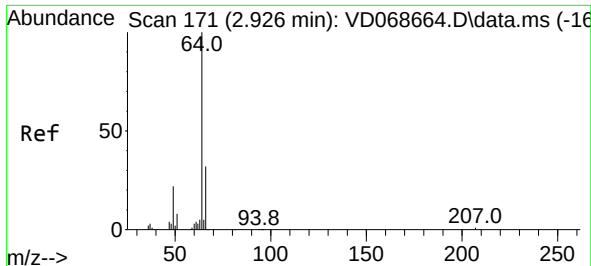
Tgt Ion:168 Resp: 614427
Ion Ratio Lower Upper
168 100
99 71.3 46.2 69.2#



#3
Chloromethane
Concen: 4.88 ug/l
RT: 2.168 min Scan# 42
Delta R.T. -0.041 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 50 Resp: 28877
Ion Ratio Lower Upper
50 100
52 13.2 26.7 40.1#

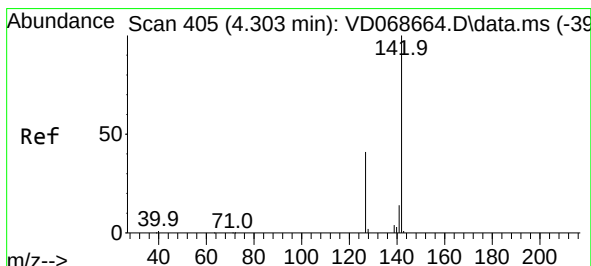
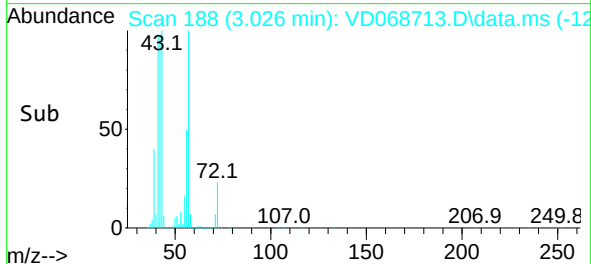
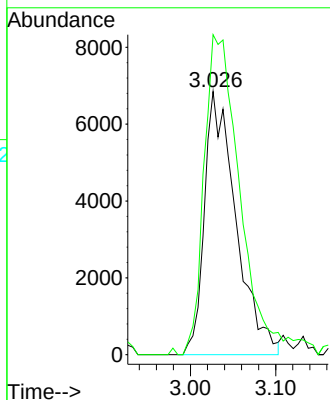
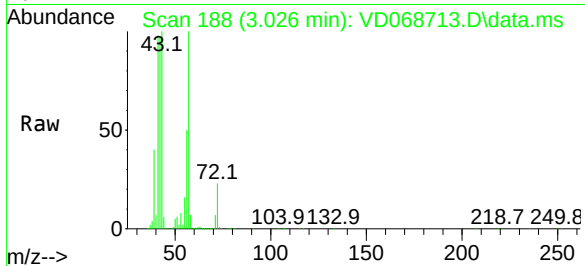




#6
Chloroethane
Concen: 3.84 ug/l
RT: 3.026 min Scan# 188
Delta R.T. 0.100 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

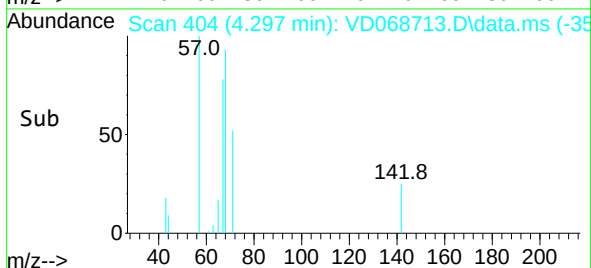
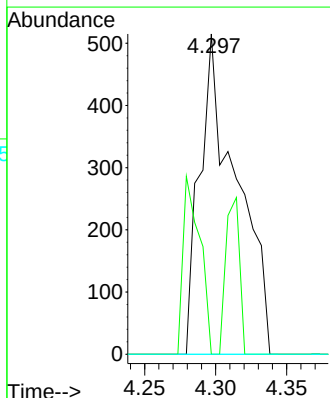
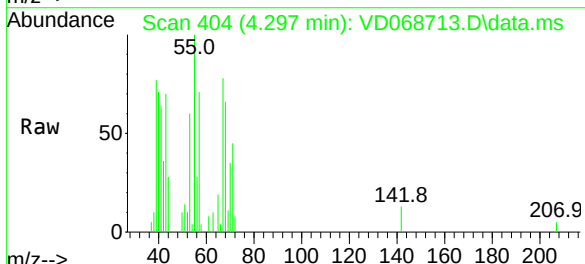
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ClientSampleId :
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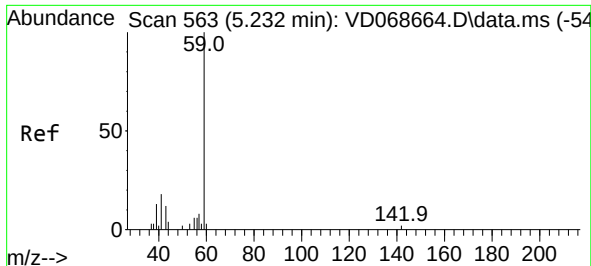
Tgt Ion: 64 Resp: 17607
Ion Ratio Lower Upper
64 100
66 121.6 26.0 39.0#



#10
Methyl Iodide
Concen: 3.61 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 142 Resp: 929
Ion Ratio Lower Upper
142 100
127 25.5 34.7 52.1#
141 0.0 11.0 16.4#

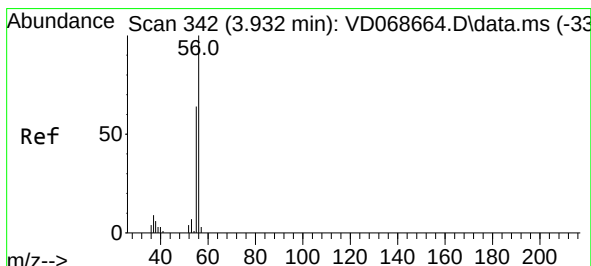
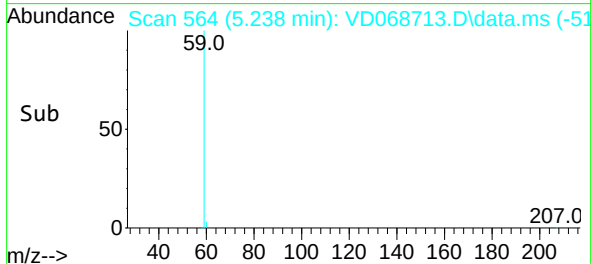
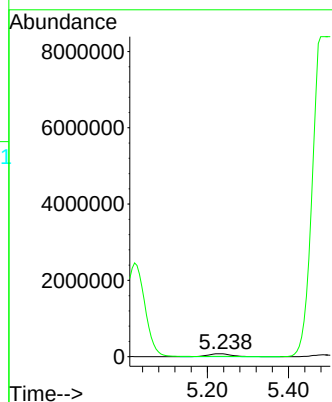
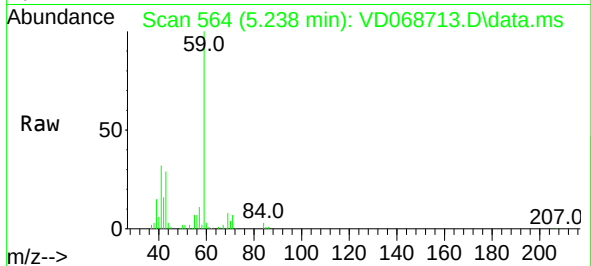




#11
Tert butyl alcohol
Concen: 1070.36 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

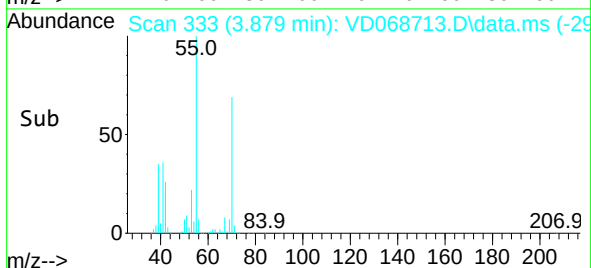
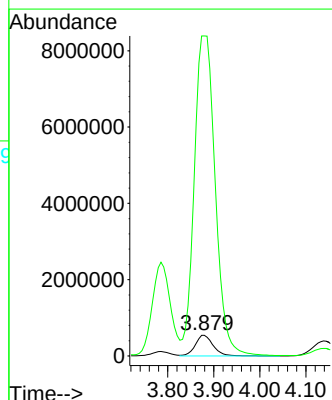
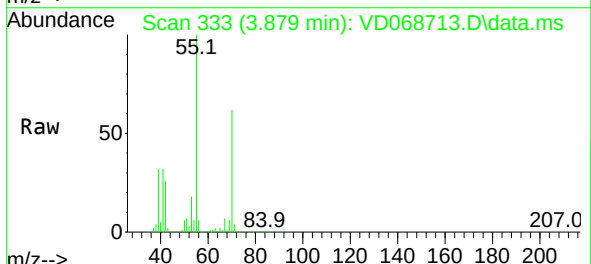
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

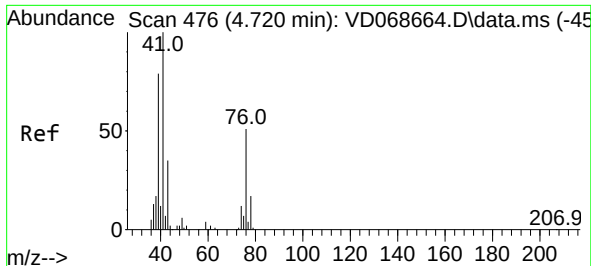
Tgt Ion: 59 Resp: 305579
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 6569.79 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.053 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

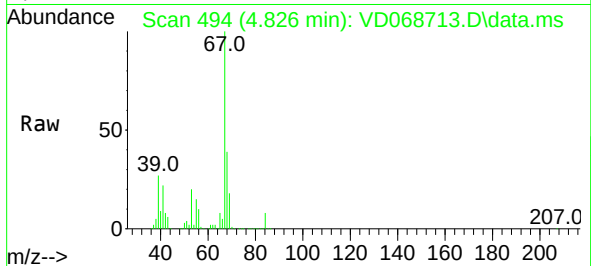
Tgt Ion: 56 Resp: 1455176
Ion Ratio Lower Upper
56 100
55 1828.3 54.7 82.1#



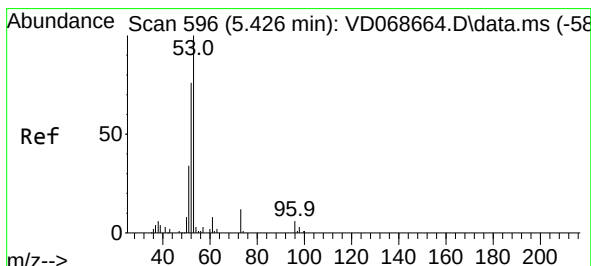
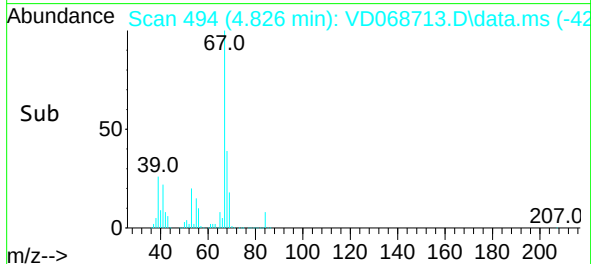
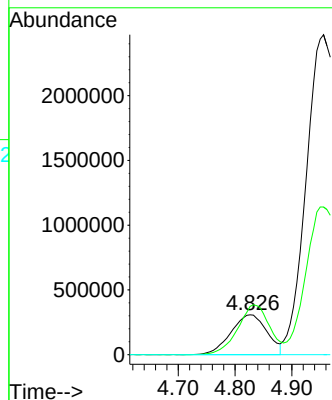


#14
 Allyl chloride
 Concen: 230.45 ug/l
 RT: 4.826 min Scan# 494
 Delta R.T. 0.106 min
 Lab File: VD068713.D
 Acq: 29 Mar 2021 22:15

Instrument :
 MSVOA_D
 ClientSampled :
 B2-10-12

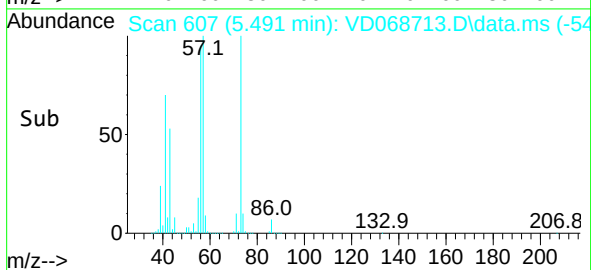
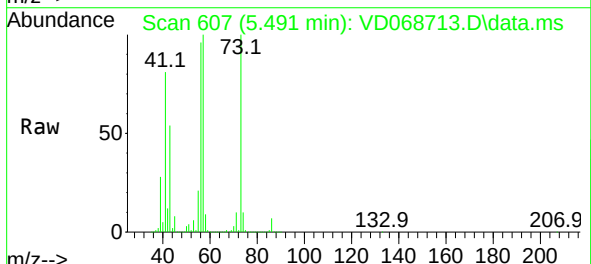
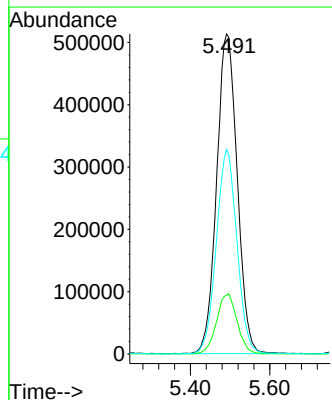


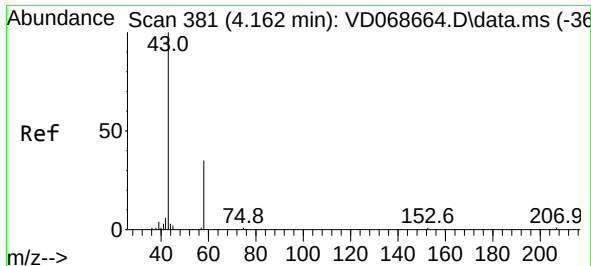
Tgt Ion: 41 Resp: 1359688
 Ion Ratio Lower Upper
 41 100
 39 111.2 60.6 91.0#
 76 0.0 40.4 60.6#



#15
 Acrylonitrile
 Concen: 1650.77 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.065 min
 Lab File: VD068713.D
 Acq: 29 Mar 2021 22:15

Tgt Ion: 53 Resp: 1852465
 Ion Ratio Lower Upper
 53 100
 52 18.7 63.3 94.9#
 51 64.0 28.3 42.5#

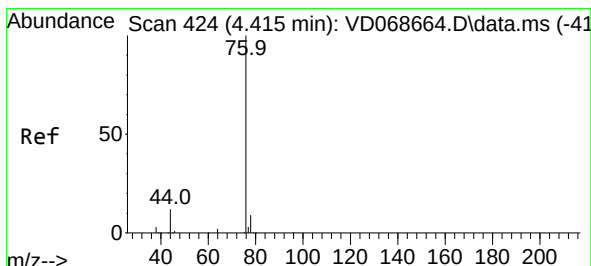
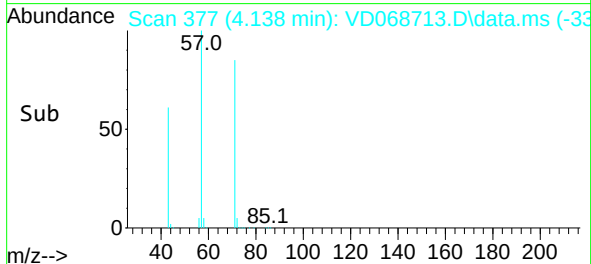
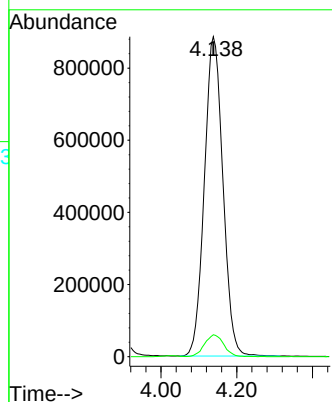
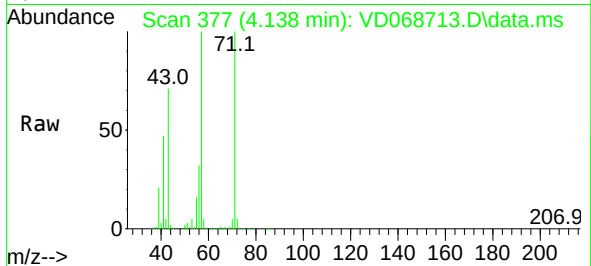




#16
Acetone
Concen: 4001.63 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.024 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

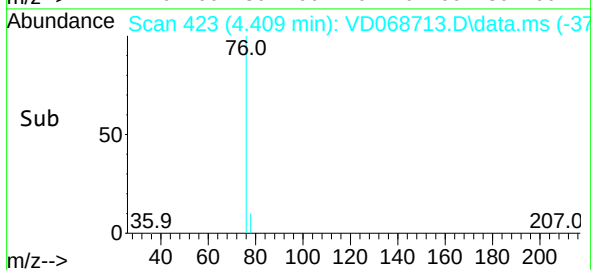
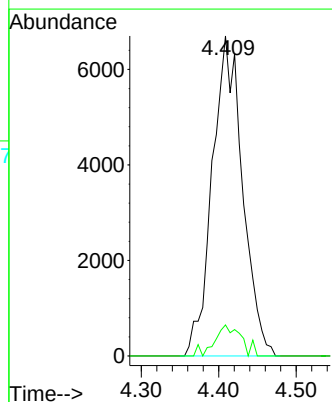
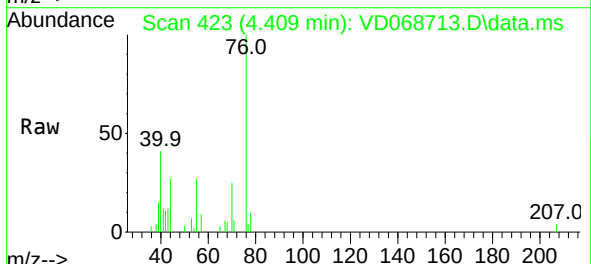
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

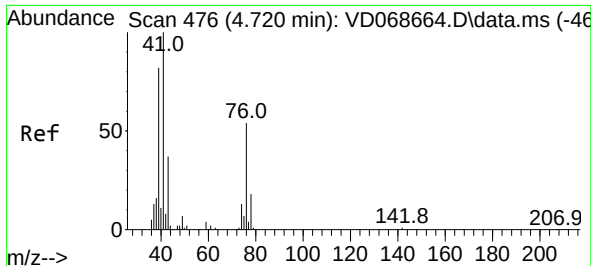
Tgt Ion: 43 Resp: 3007869
Ion Ratio Lower Upper
43 100
58 6.9 28.0 42.0#



#17
Carbon Disulfide
Concen: 1.17 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

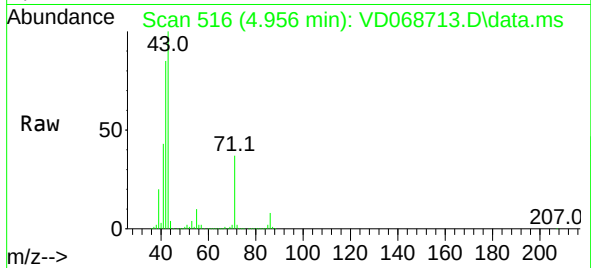
Tgt Ion: 76 Resp: 18206
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



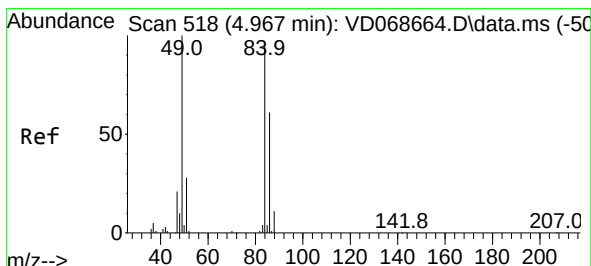
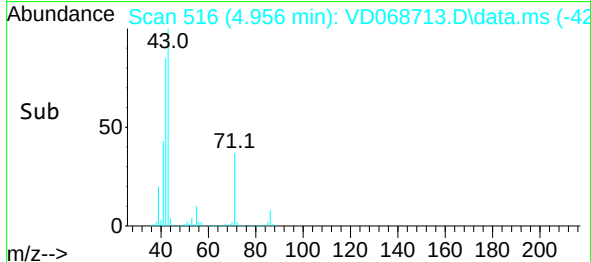
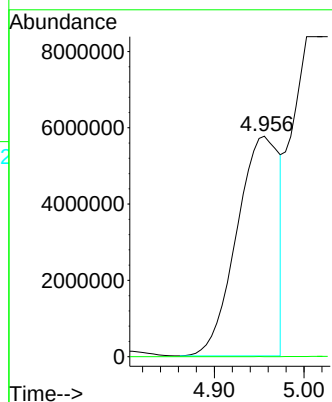


#18
Methyl Acetate
Concen: 9149.60 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.235 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
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ClientSampleId :
B2-10-12

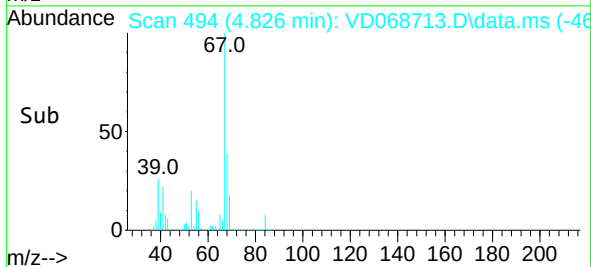
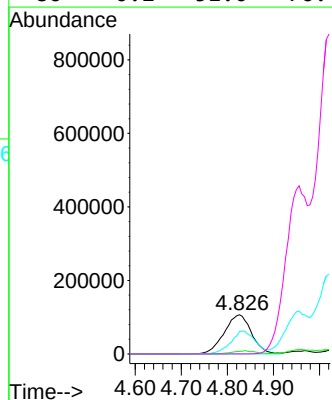
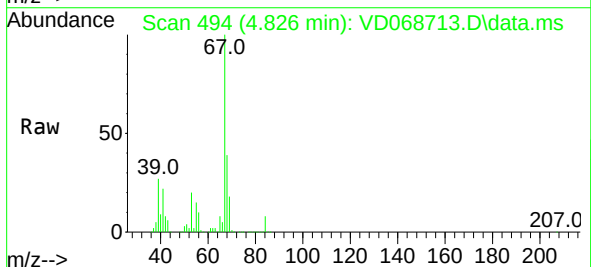


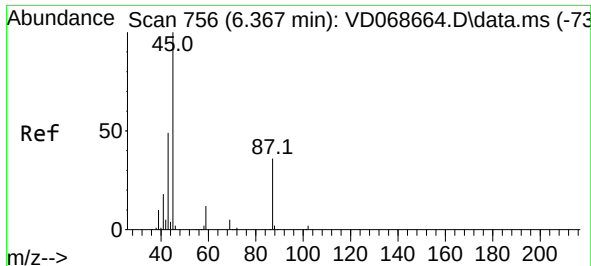
Tgt Ion: 43 Resp:18905164
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 70.32 ug/l
RT: 4.826 min Scan# 494
Delta R.T. -0.141 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

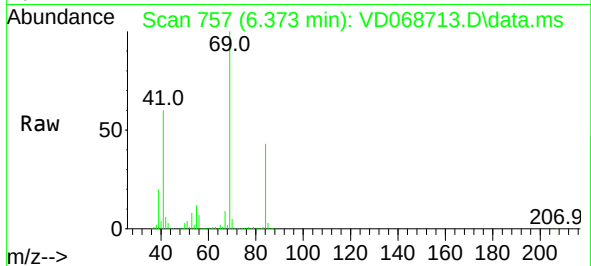
Tgt Ion: 84 Resp: 437153
Ion Ratio Lower Upper
84 100
49 6.6 83.4 125.0#
51 57.1 23.4 35.2#
86 0.2 51.0 76.4#



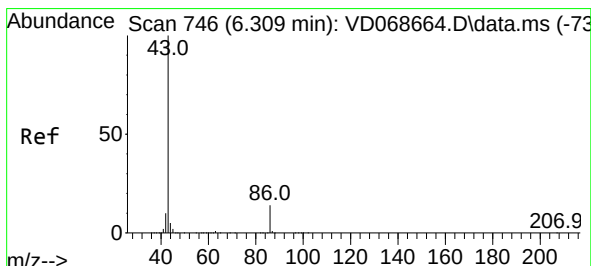
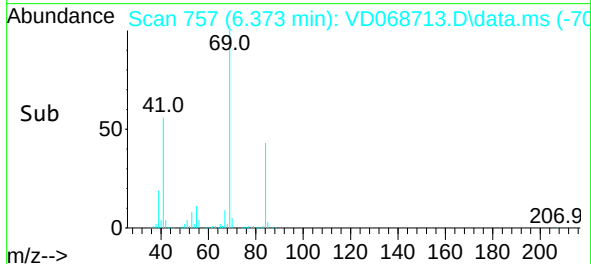
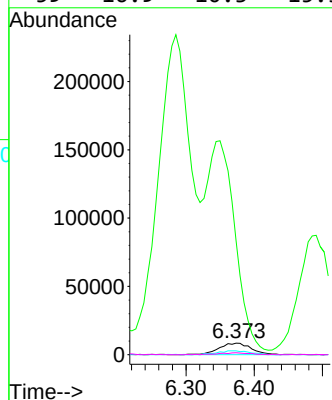


#22
Diisopropyl ether
Concen: 1.85 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

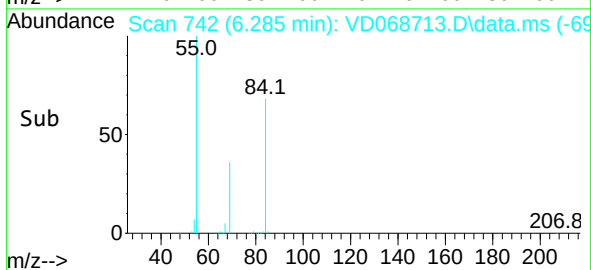
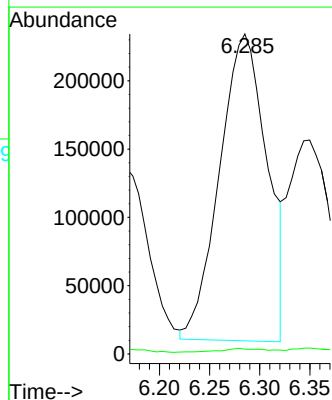
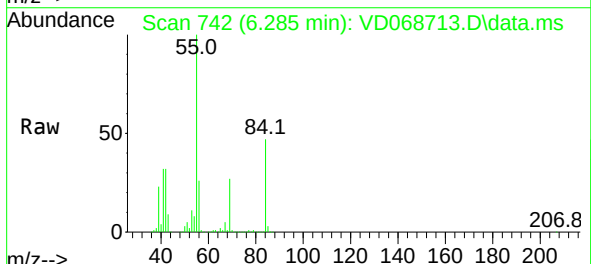


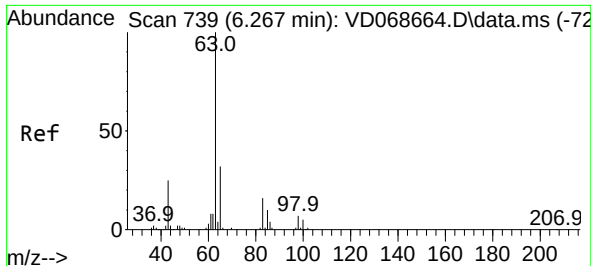
Tgt Ion	Ratio	Lower	Upper
45	100		
43	903.5	41.8	62.8#
87	33.2	29.2	43.8
59	16.9	10.3	15.5#



#23
Vinyl Acetate
Concen: 92.85 ug/l
RT: 6.285 min Scan# 742
Delta R.T. -0.024 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

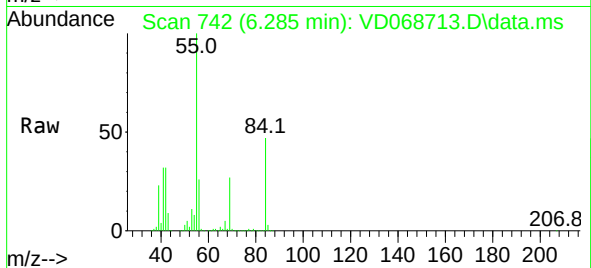
Tgt Ion	Ratio	Lower	Upper
43	100		
86	1.0	11.0	16.6#



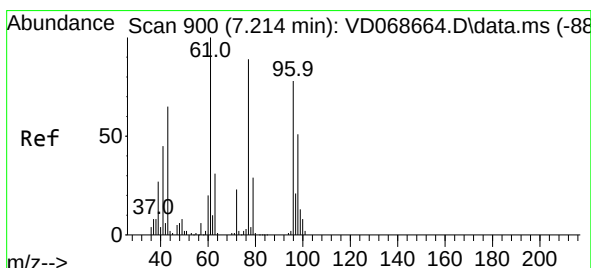
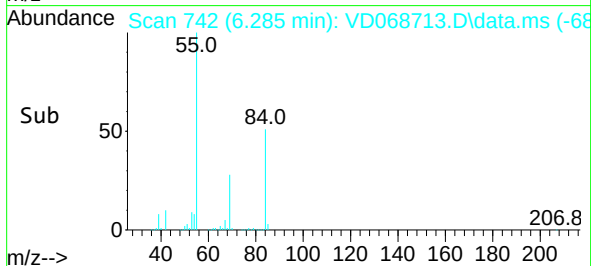
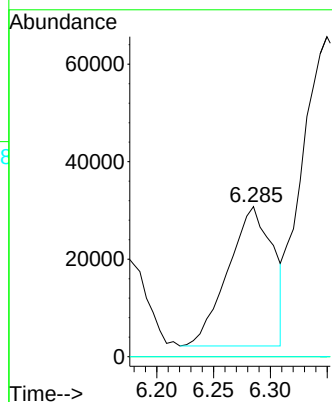


#24
 1,1-Dichloroethane
 Concen: 7.18 ug/l
 RT: 6.285 min Scan# 742
 Delta R.T. 0.018 min
 Lab File: VD068713.D
 Acq: 29 Mar 2021 22:15

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-10-12

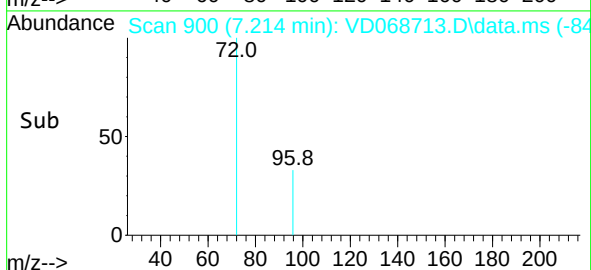
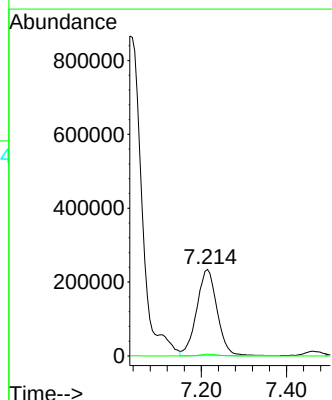
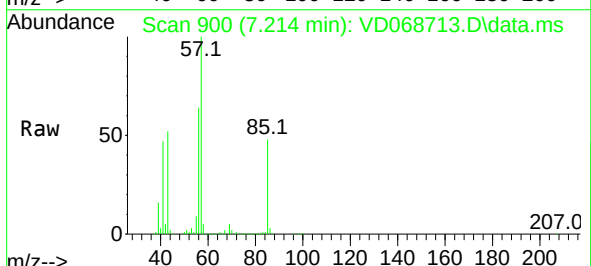


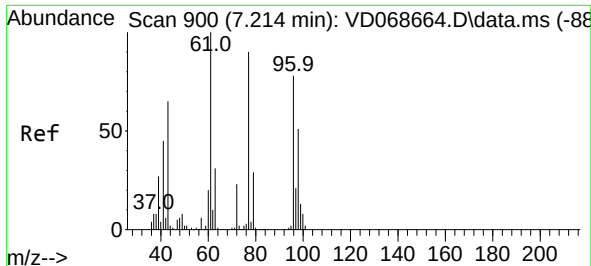
Tgt Ion: 63 Resp: 78977
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.3 6.9#



#25
 2-Butanone
 Concen: 618.72 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD068713.D
 Acq: 29 Mar 2021 22:15

Tgt Ion: 43 Resp: 770605
 Ion Ratio Lower Upper
 43 100
 72 2.3 28.6 43.0#

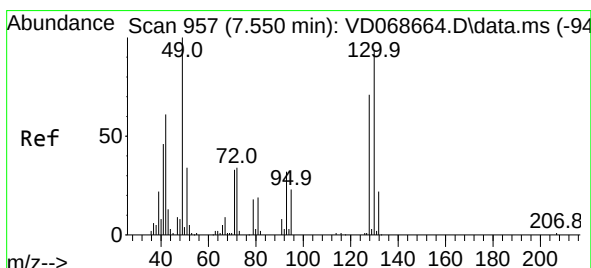
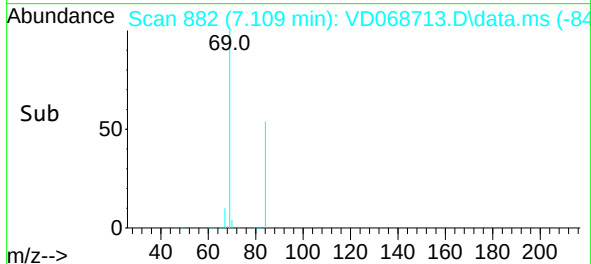
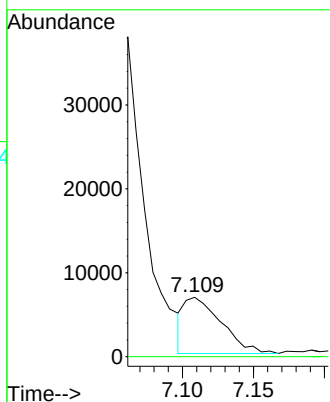
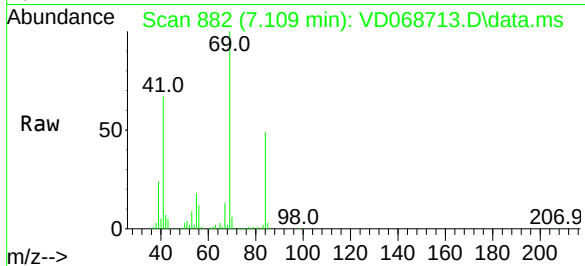




#26
2,2-Dichloropropane
Concen: 1.25 ug/l
RT: 7.109 min Scan# 882
Delta R.T. -0.106 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

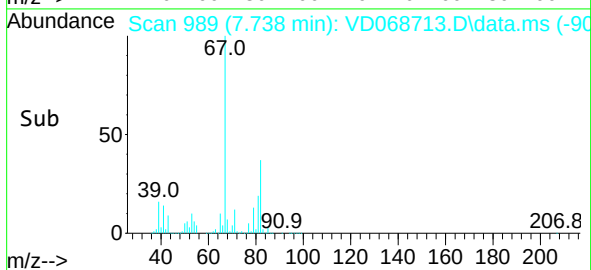
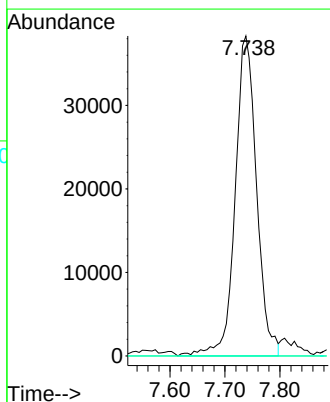
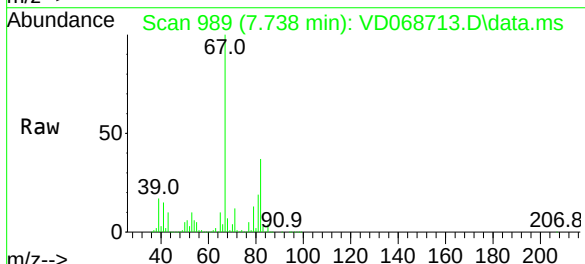
Instrument :
MSVOA_D
ClientSampled :
B2-10-12

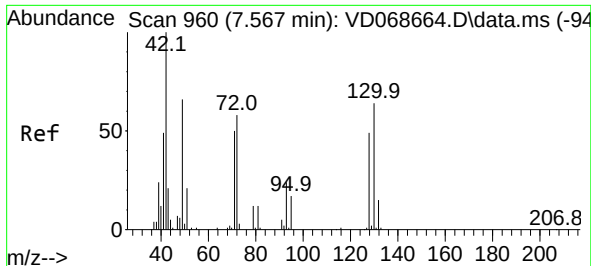
Tgt Ion: 77 Resp: 12277
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#28
Bromochloromethane
Concen: 23.79 ug/l
RT: 7.738 min Scan# 989
Delta R.T. 0.188 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 49 Resp: 103467
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 74.6 112.0#

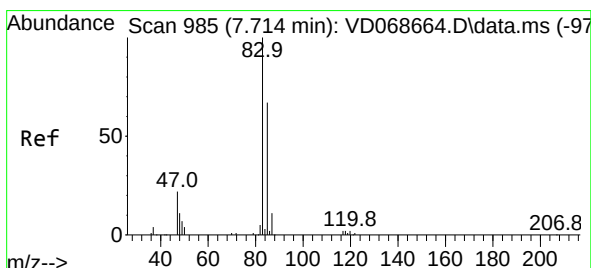
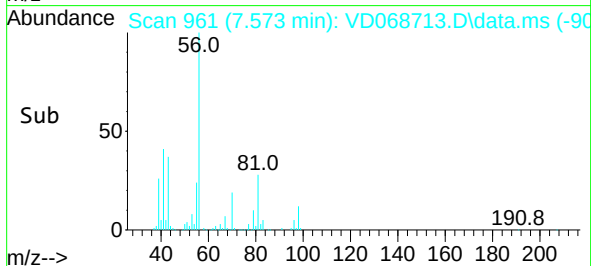
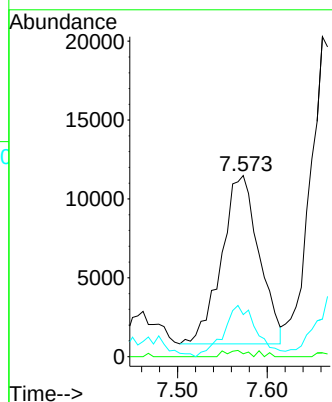
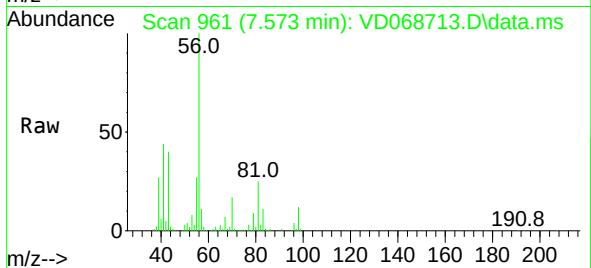




#29
Tetrahydrofuran
Concen: 39.31 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

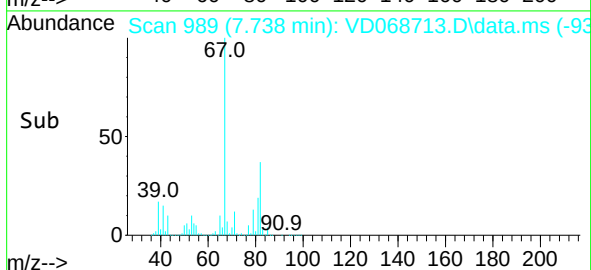
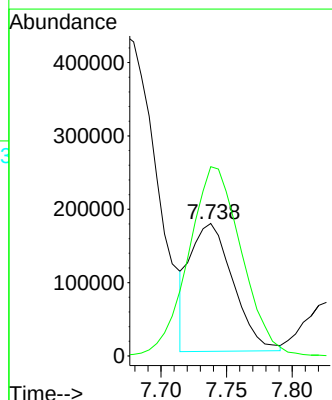
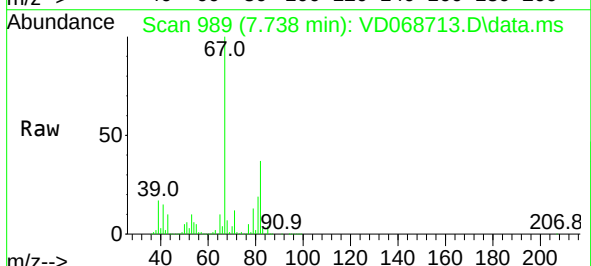
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

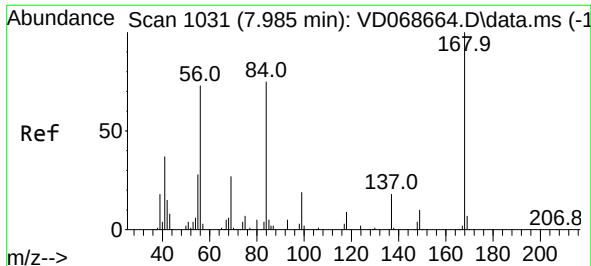
Tgt Ion: 42 Resp: 30948
Ion Ratio Lower Upper
42 100
72 0.0 45.2 67.8#
71 0.0 40.8 61.2#



#30
Chloroform
Concen: 33.16 ug/l
RT: 7.738 min Scan# 989
Delta R.T. 0.024 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

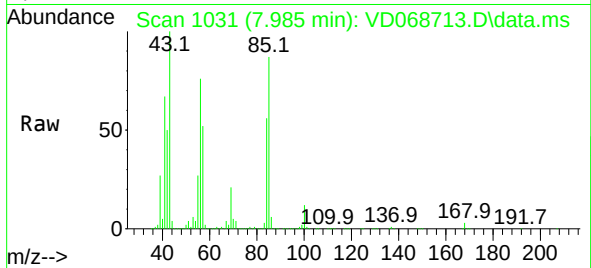
Tgt Ion: 83 Resp: 396342
Ion Ratio Lower Upper
83 100
85 147.7 53.3 79.9#



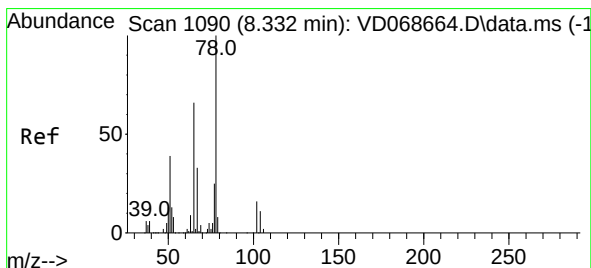
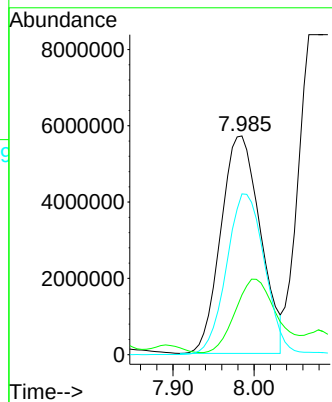
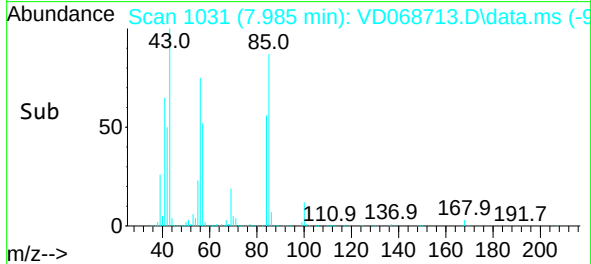


#31
Cyclohexane
Concen: 1930.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

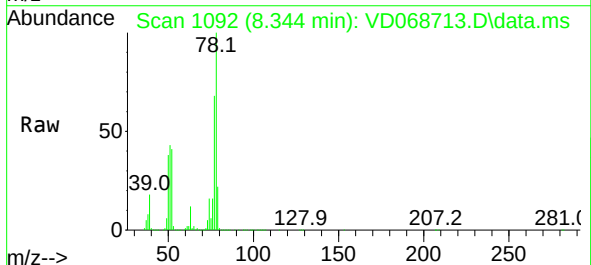
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12



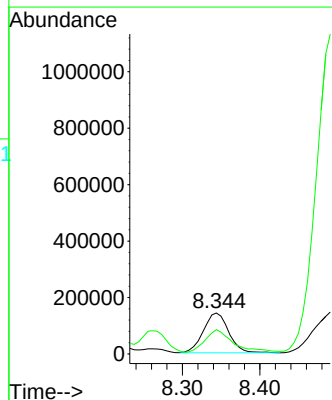
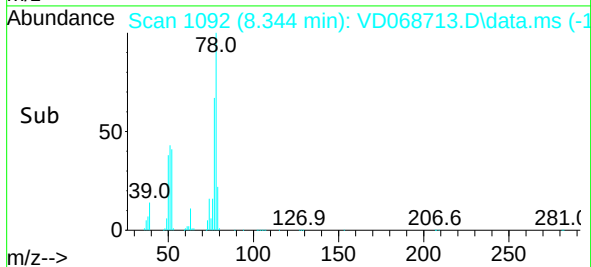
Tgt Ion: 56 Resp:19299526
Ion Ratio Lower Upper
56 100
69 24.4 30.0 45.0#
84 73.9 82.0 123.0#

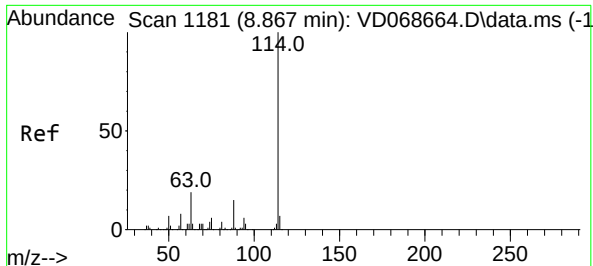


#33
1,2-Dichloroethane-d4
Concen: 51.64 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.012 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15



Tgt Ion: 65 Resp: 319917
Ion Ratio Lower Upper
65 100
67 62.9 0.0 106.0

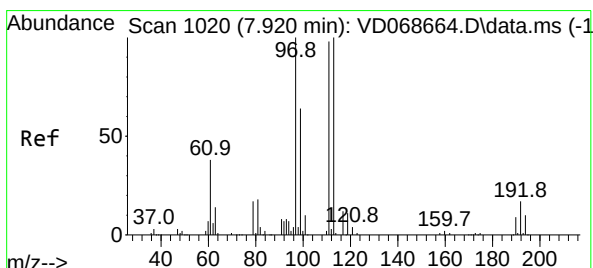
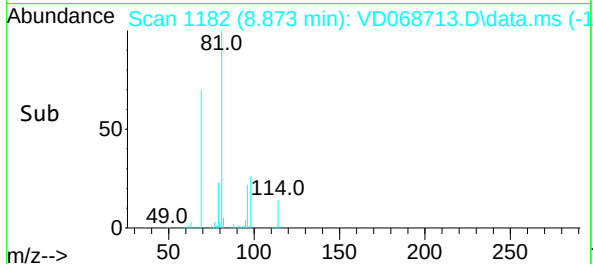
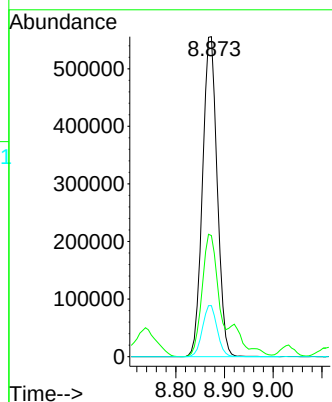
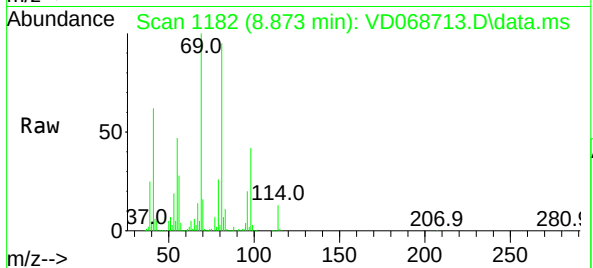




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.873 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

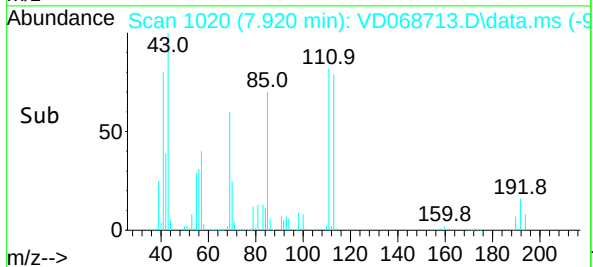
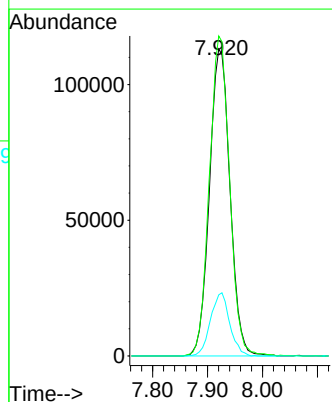
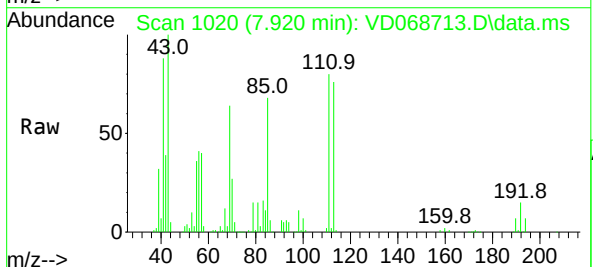
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

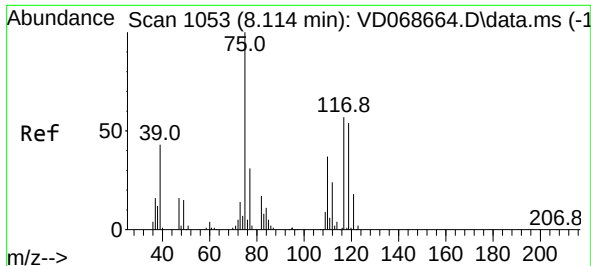
Tgt Ion:114 Resp: 1161081
Ion Ratio Lower Upper
114 100
63 37.8 0.0 38.2
88 15.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 40.56 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

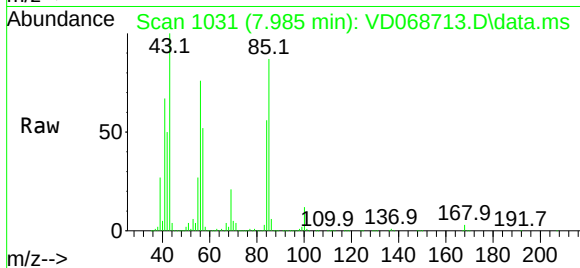
Tgt Ion:113 Resp: 293035
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 19.3 15.1 22.7



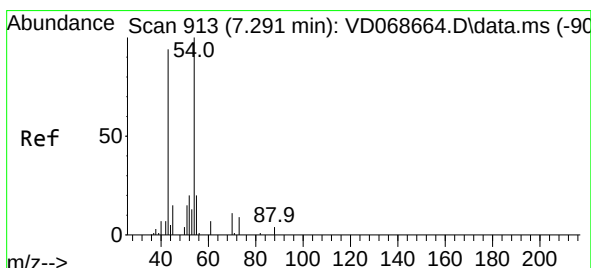
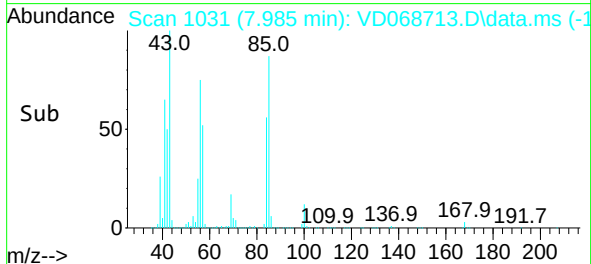
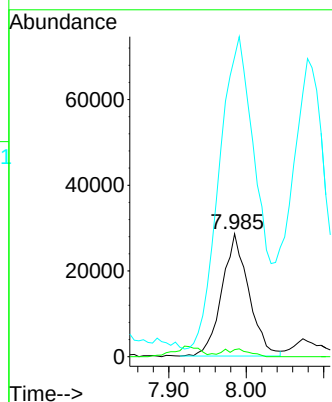


#36
1,1-Dichloropropene
Concen: 6.63 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
MSVOA_D
ClientSampled :
B2-10-12

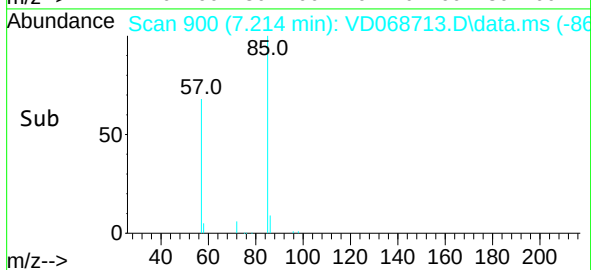
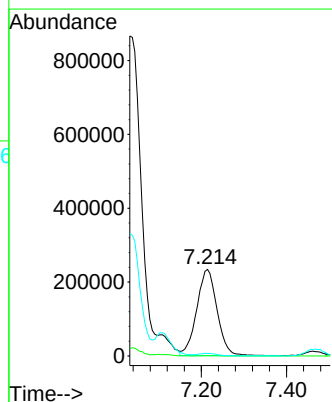
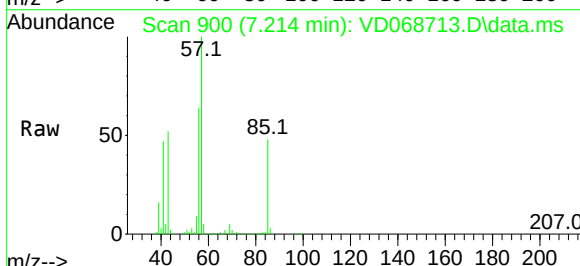


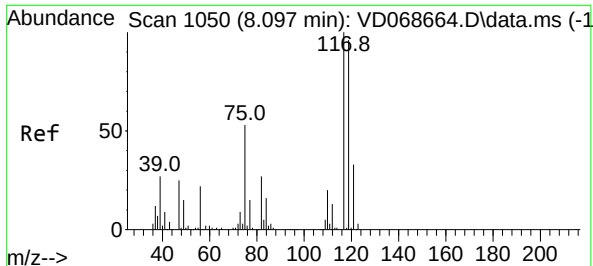
Tgt Ion: 75 Resp: 68803
Ion Ratio Lower Upper
75 100
110 5.8 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 235.46 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.076 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

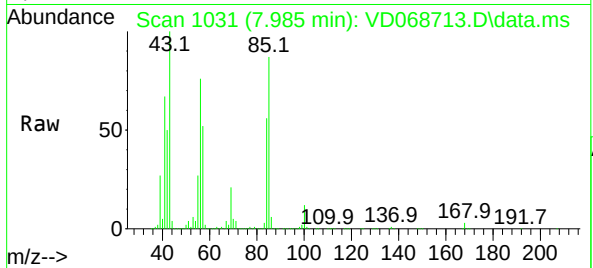
Tgt Ion: 43 Resp: 770605
Ion Ratio Lower Upper
43 100
61 0.3 14.2 21.4#
70 0.0 9.4 14.0#



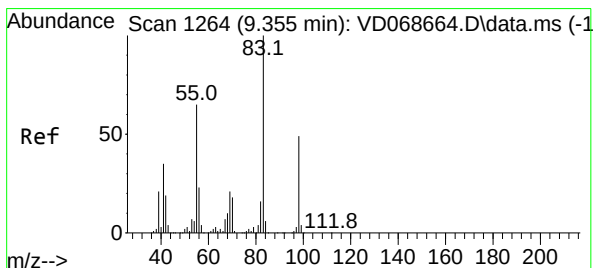
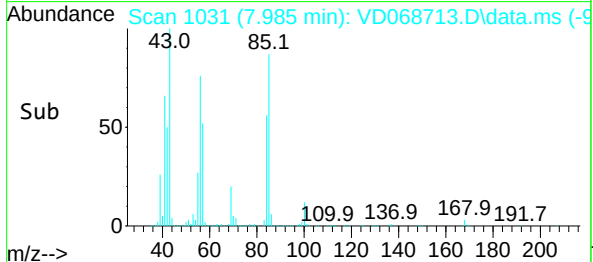
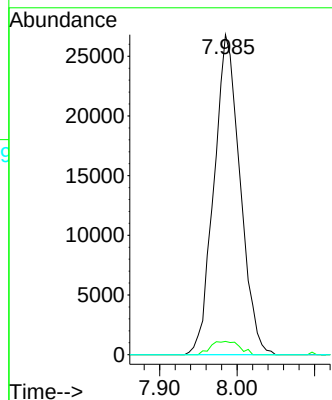


#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

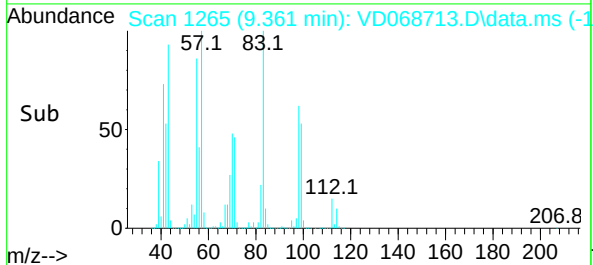
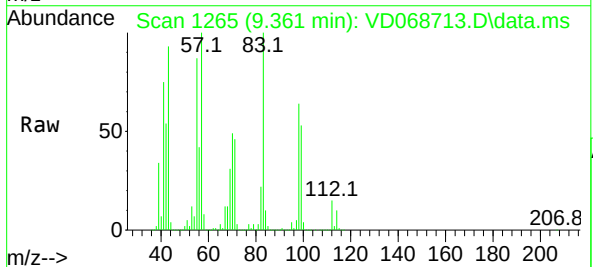
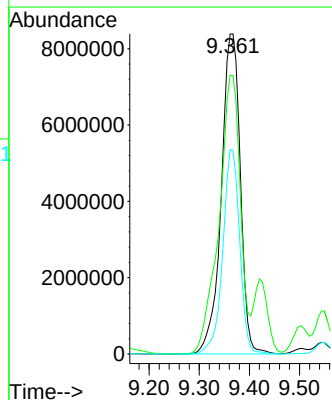


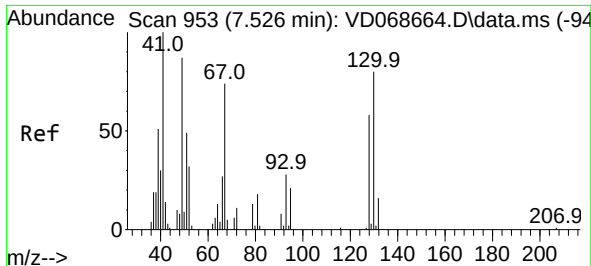
Tgt Ion:117 Resp: 62823
Ion Ratio Lower Upper
117 100
119 4.1 76.6 115.0#
121 0.0 26.1 39.1#



#39
Methylcyclohexane
Concen: 1727.63 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

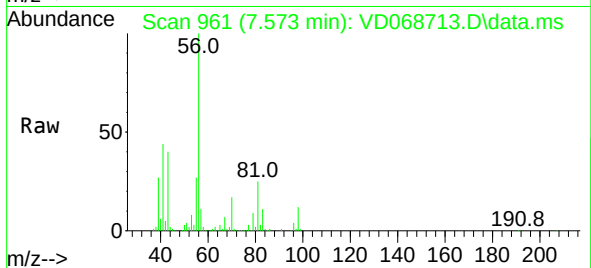
Tgt Ion: 83 Resp:22113656
Ion Ratio Lower Upper
83 100
55 87.1 51.7 77.5#
98 63.9 38.8 58.2#



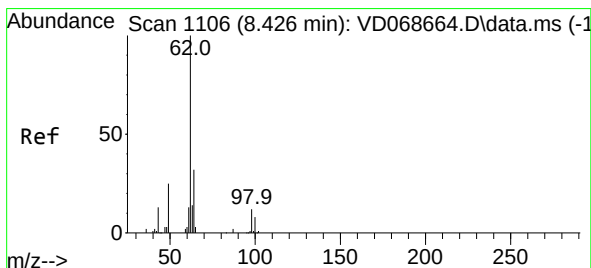
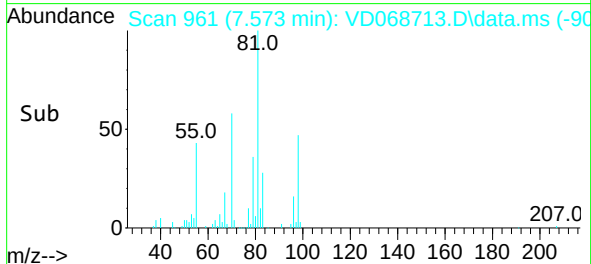
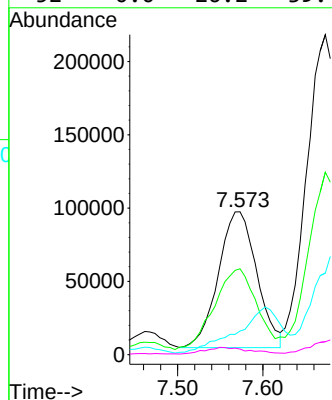


#41
Methacrylonitrile
Concen: 151.65 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.047 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
MSVOA_D
ClientSampleId :
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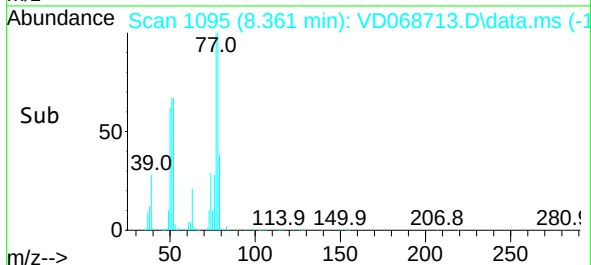
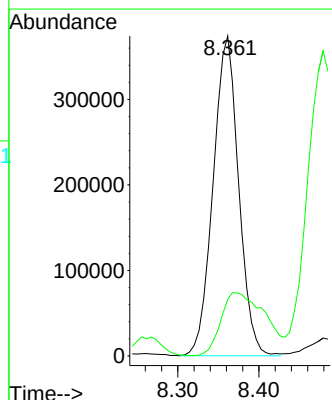
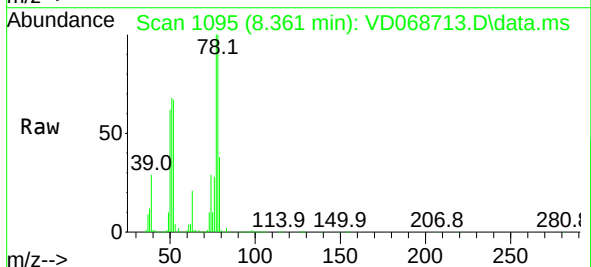


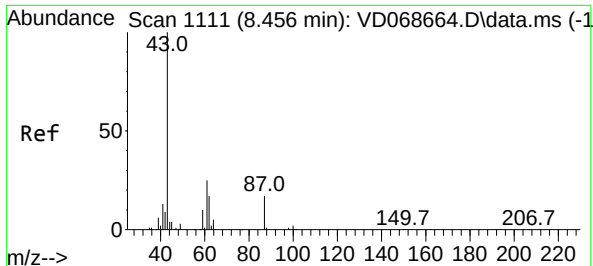
Tgt Ion: 41 Resp: 290436
Ion Ratio Lower Upper
41 100
39 66.9 43.2 64.8#
67 0.0 63.9 95.9#
52 0.0 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 103.05 ug/l
RT: 8.361 min Scan# 1095
Delta R.T. -0.065 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 62 Resp: 815892
Ion Ratio Lower Upper
62 100
98 34.3 0.0 22.6#

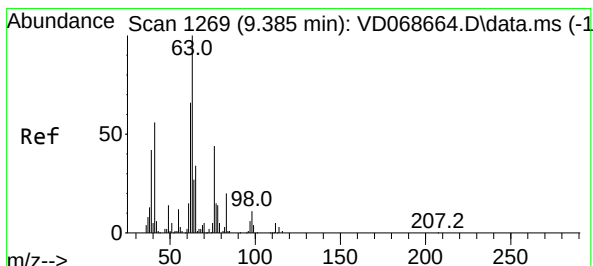
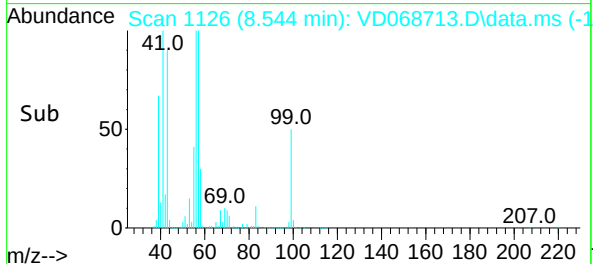
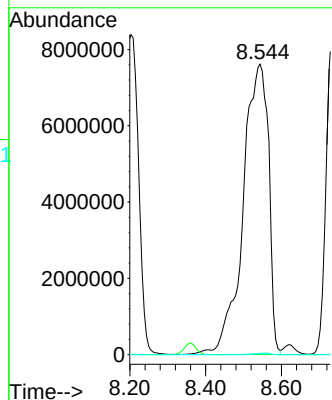
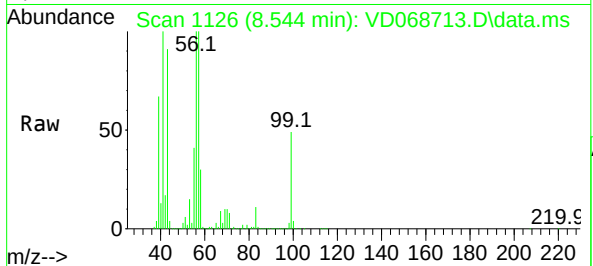




#43
Isopropyl Acetate
Concen: 5681.87 ug/l
RT: 8.544 min Scan# 1126
Delta R.T. 0.088 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

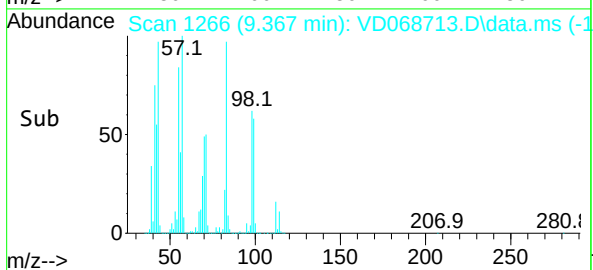
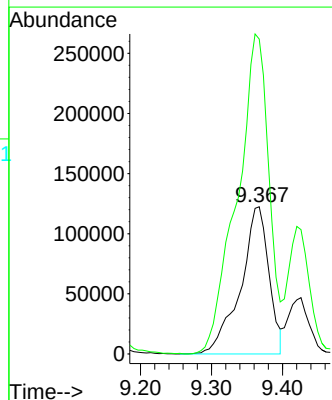
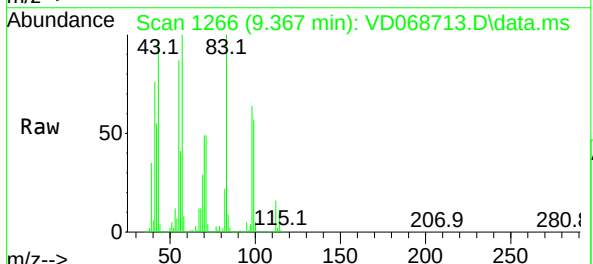
Instrument :
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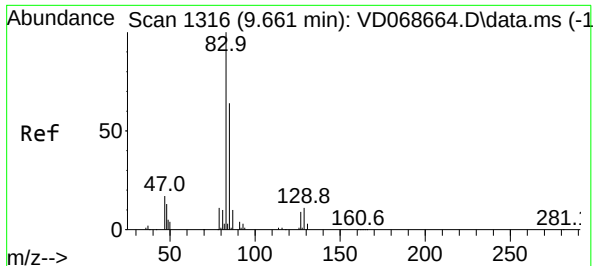
Tgt Ion: 43 Resp: 35668544
Ion Ratio Lower Upper
43 100
61 0.1 29.5 44.3#
87 0.3 13.5 20.3#



#45
1,2-Dichloropropane
Concen: 46.95 ug/l
RT: 9.367 min Scan# 1266
Delta R.T. -0.018 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 63 Resp: 339816
Ion Ratio Lower Upper
63 100
65 213.3 27.0 40.4#

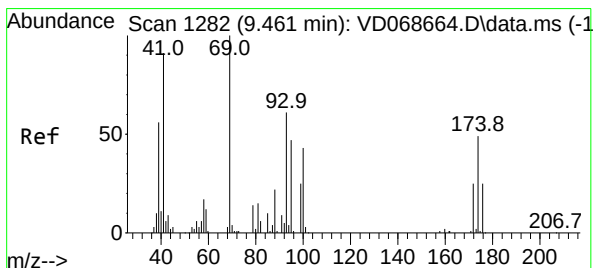
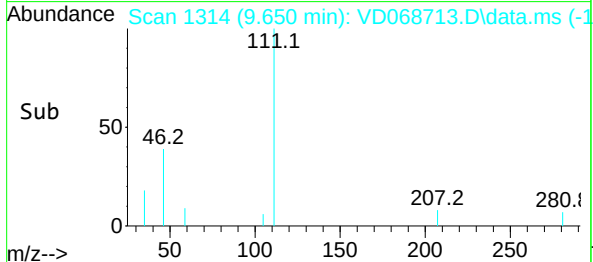
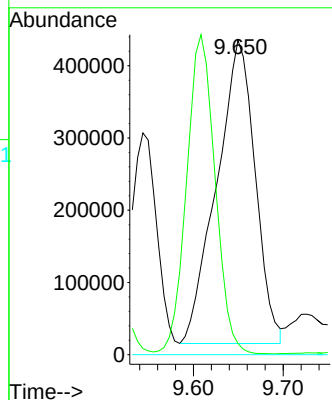
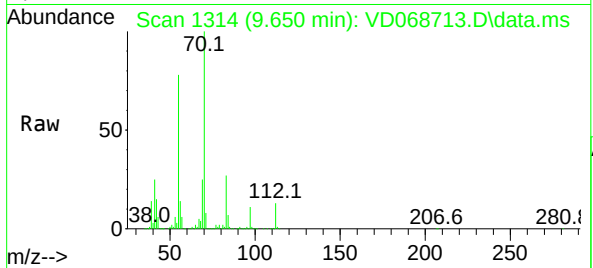




#47
Bromodichloromethane
Concen: 118.24 ug/l
RT: 9.650 min Scan# 1314
Delta R.T. -0.012 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

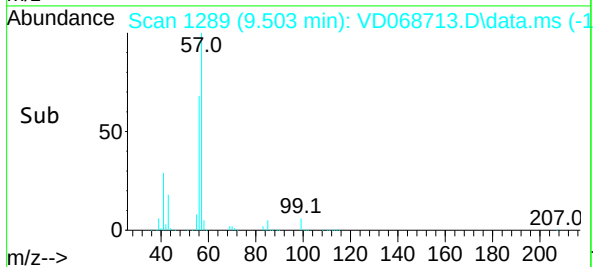
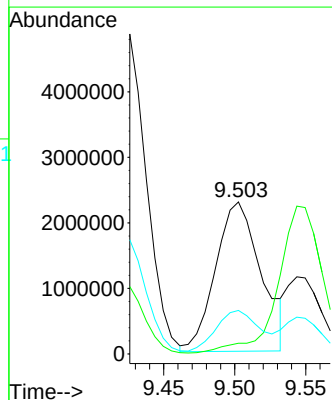
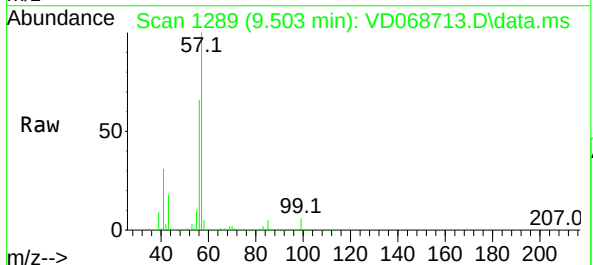
Instrument :
MSVOA_D
ClientSampleId :
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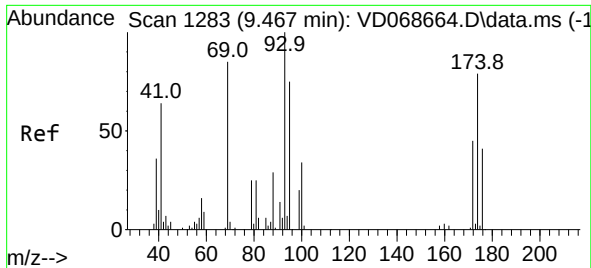
Tgt Ion: 83 Resp: 1248495
Ion Ratio Lower Upper
83 100
85 3.4 51.0 76.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 1596.04 ug/l
RT: 9.503 min Scan# 1289
Delta R.T. 0.041 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 41 Resp: 5077638
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.6#
39 26.9 47.0 70.6#





#49

1,4-Dioxane

Concen: 1.42 ug/l

RT: 9.485 min Scan# 1286

Delta R.T. 0.018 min

Lab File: VD068713.D

Acq: 29 Mar 2021 22:15

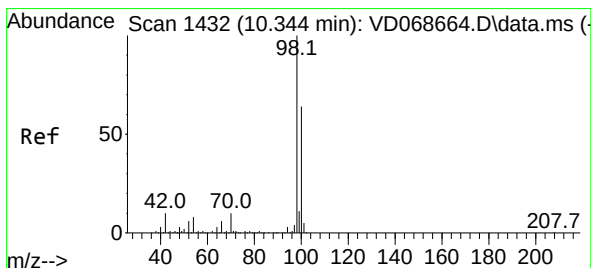
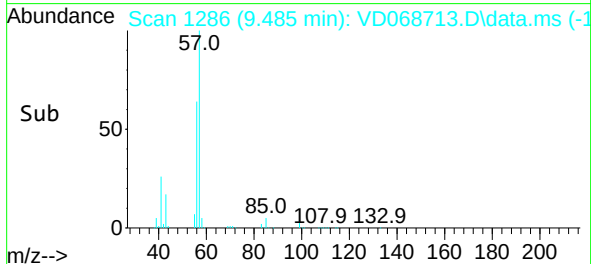
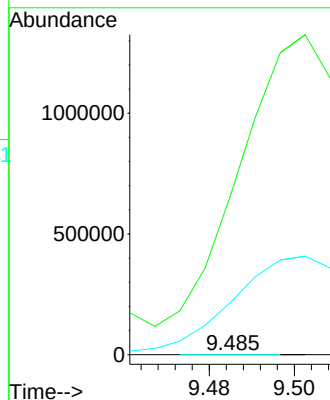
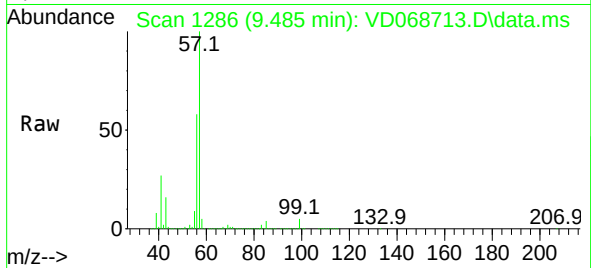
Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion: 88	Resp: 65
Ion Ratio	Lower Upper
88	100
43	4501293.8 25.8 38.8#
58	1348349.2 54.0 81.0#



#50

Toluene-d8

Concen: 77.56 ug/l

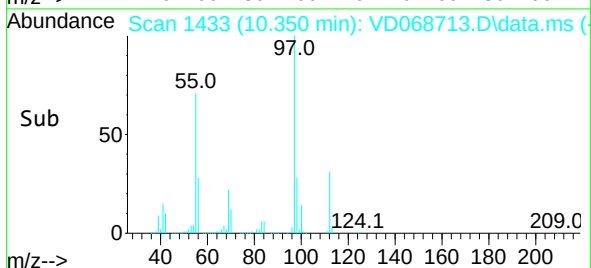
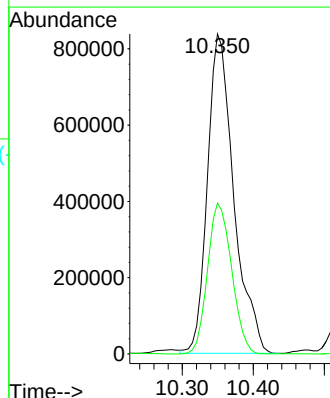
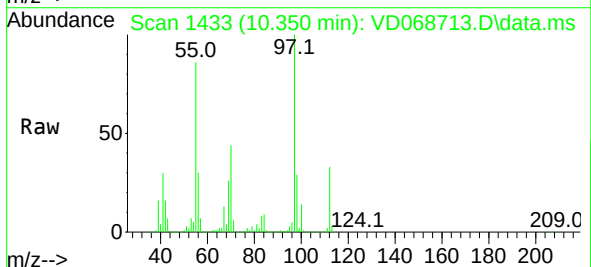
RT: 10.350 min Scan# 1433

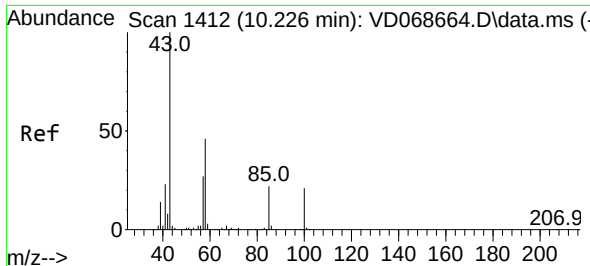
Delta R.T. 0.006 min

Lab File: VD068713.D

Acq: 29 Mar 2021 22:15

Tgt Ion: 98	Resp: 2160086
Ion Ratio	Lower Upper
98	100
100	43.2 51.8 77.6#

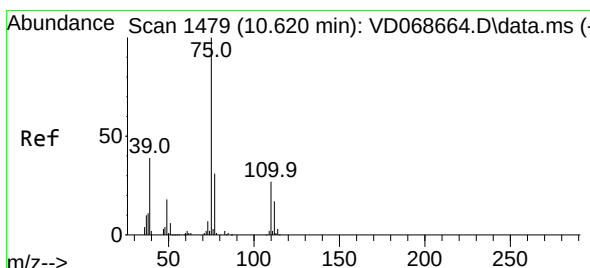
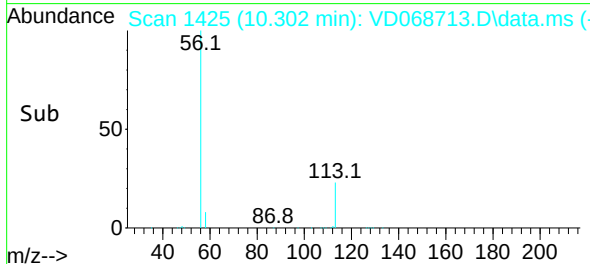
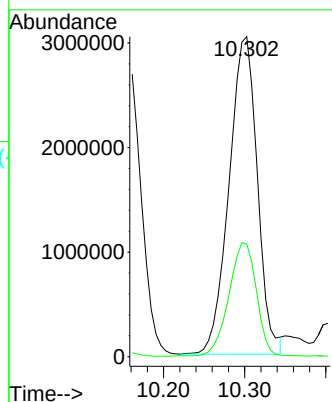
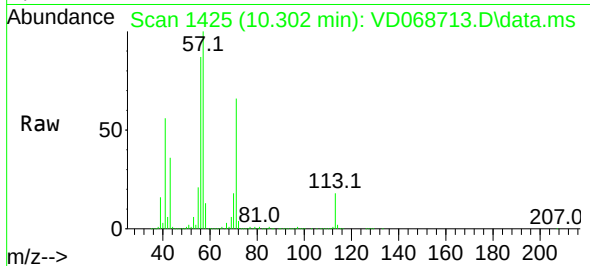




#51
4-Methyl-2-Pentanone
Concen: 2247.62 ug/l
RT: 10.302 min Scan# 1425
Delta R.T. 0.076 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

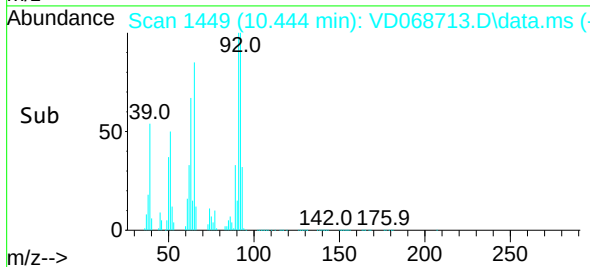
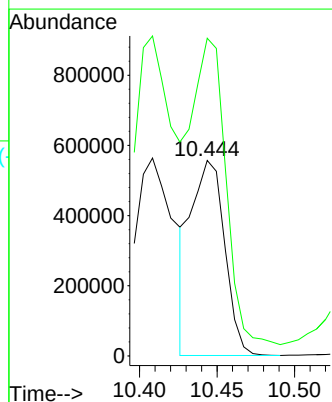
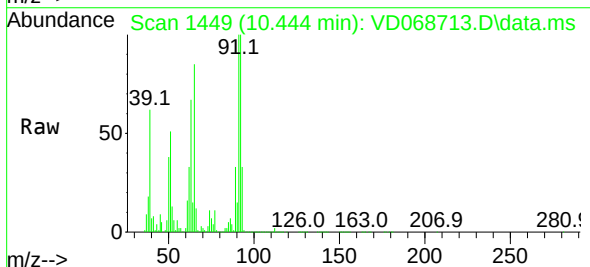
Instrument :
MSVOA_D
ClientSampleId :
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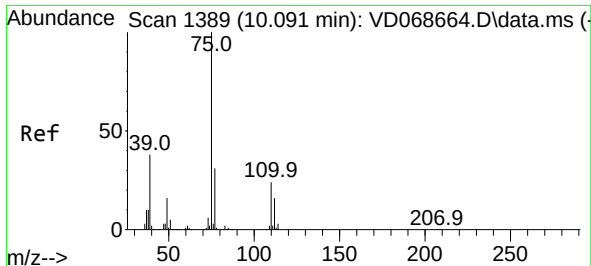
Tgt Ion: 43 Resp: 7345165
Ion Ratio Lower Upper
43 100
58 34.6 37.3 55.9#



#53
t-1,3-Dichloropropene
Concen: 86.35 ug/l
RT: 10.444 min Scan# 1449
Delta R.T. -0.176 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 75 Resp: 838711
Ion Ratio Lower Upper
75 100
77 157.2 25.1 37.7#

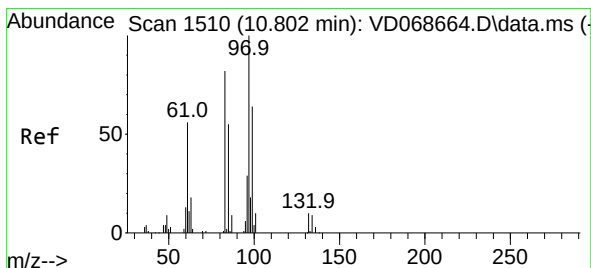
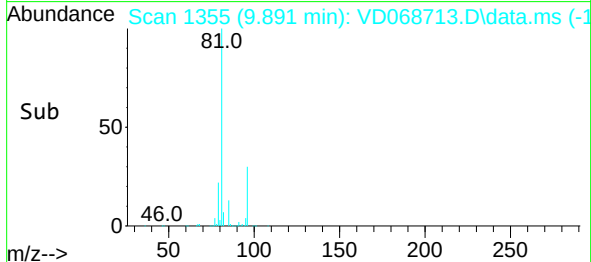
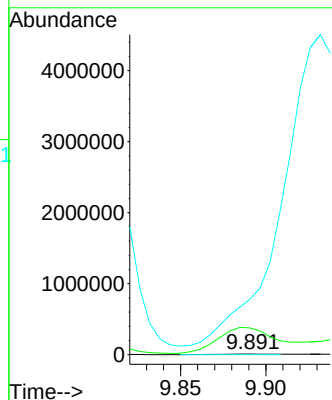
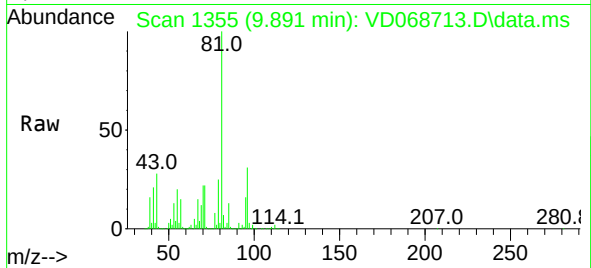




#54
cis-1,3-Dichloropropene
Concen: 1.47 ug/l
RT: 9.891 min Scan# 1355
Delta R.T. -0.200 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

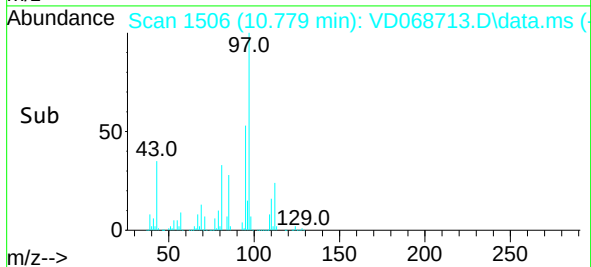
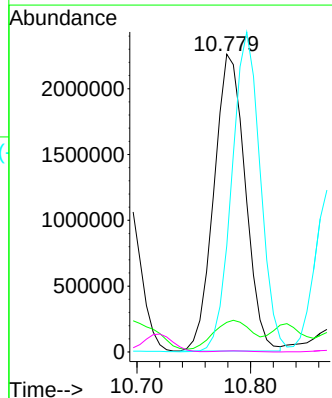
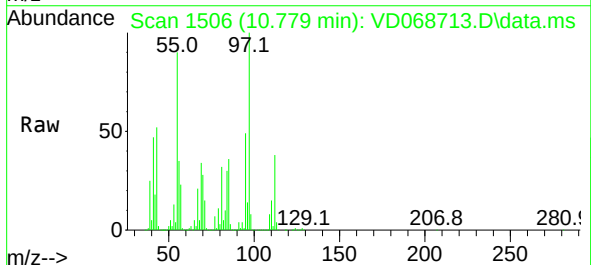
Instrument :
MSVOA_D
ClientSampleId :
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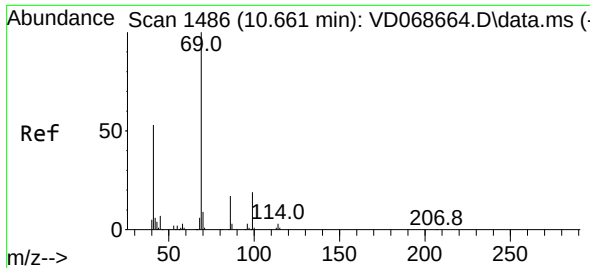
Tgt Ion: 75 Resp: 16948
Ion Ratio Lower Upper
75 100
77 4693.7 24.7 37.1#
39 8703.0 30.2 45.2#



#55
1,1,2-Trichloroethane
Concen: 744.33 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.024 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 97 Resp: 4310127
Ion Ratio Lower Upper
97 100
83 8.8 65.7 98.5#
85 35.7 44.3 66.5#
99 0.3 51.4 77.2#

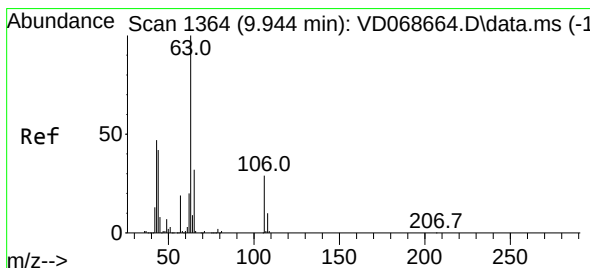
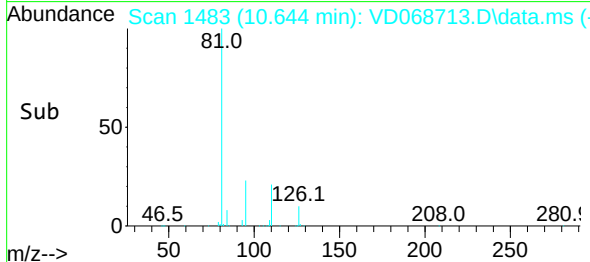
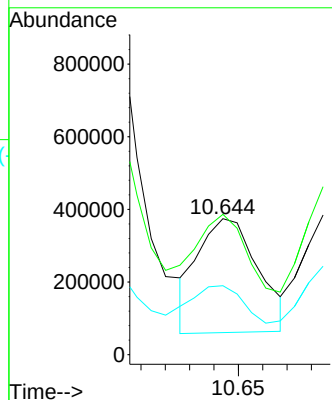
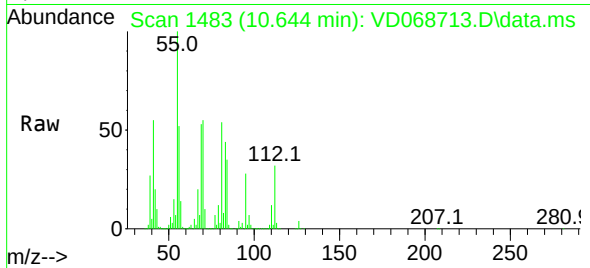




#56
Ethyl methacrylate
Concen: 86.02 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.018 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

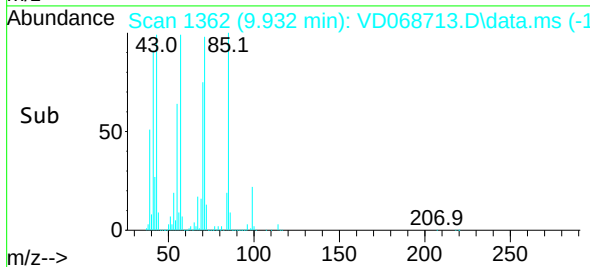
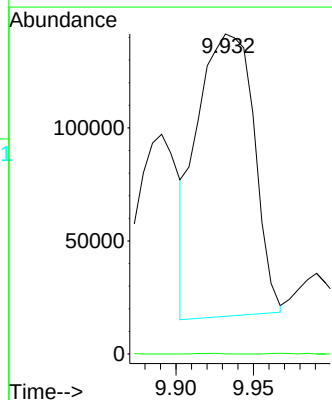
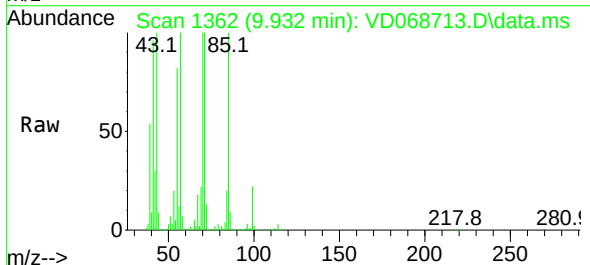
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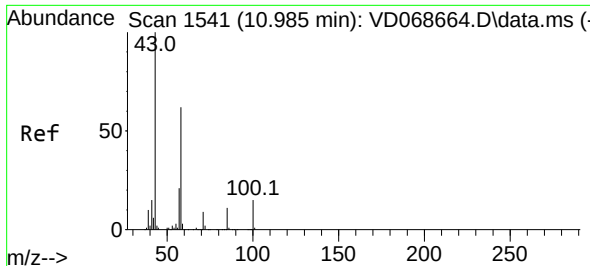
Tgt Ion: 69 Resp: 538199
Ion Ratio Lower Upper
69 100
41 52.7 42.2 63.4
39 0.0 24.2 36.2#



#58
2-Chloroethyl Vinyl ether
Concen: 99.38 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.012 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 63 Resp: 316779
Ion Ratio Lower Upper
63 100
106 0.1 24.6 36.8#

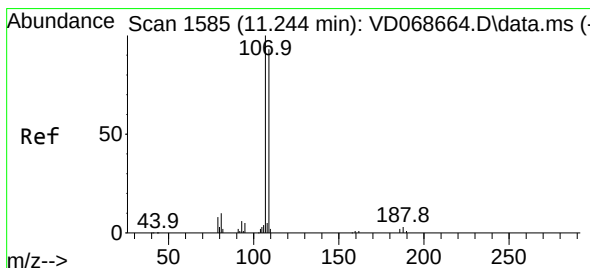
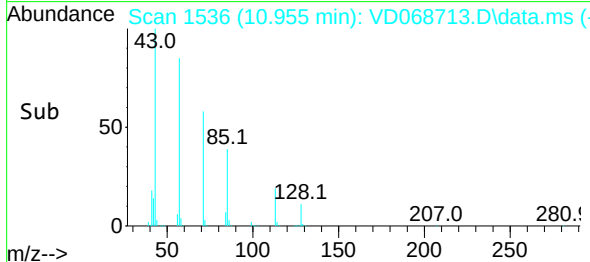
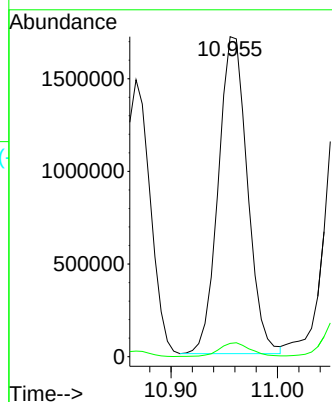
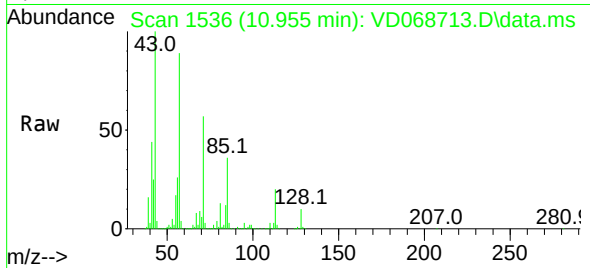




#59
2-Hexanone
Concen: 1481.63 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

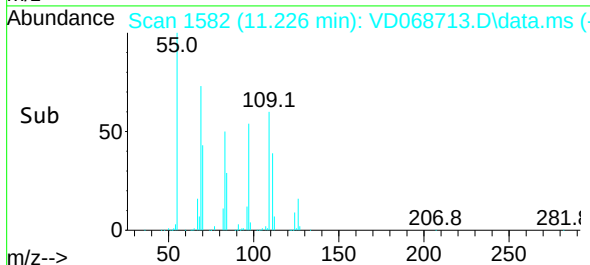
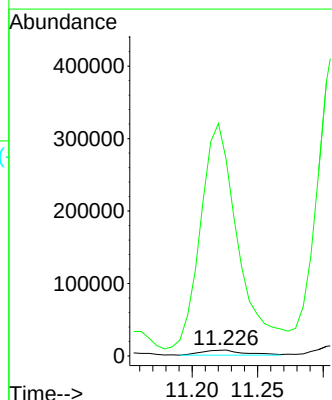
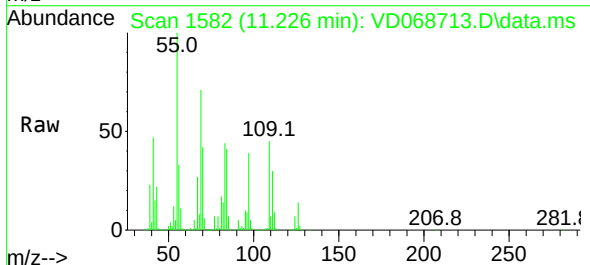
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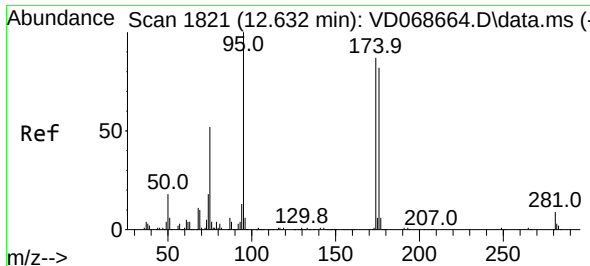
Tgt Ion: 43 Resp: 3251209
Ion Ratio Lower Upper
43 100
58 4.6 31.3 93.8#



#61
1,2-Dibromoethane
Concen: 2.92 ug/l
RT: 11.226 min Scan# 1582
Delta R.T. -0.018 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 107 Resp: 16340
Ion Ratio Lower Upper
107 100
109 3801.9 74.9 112.3#

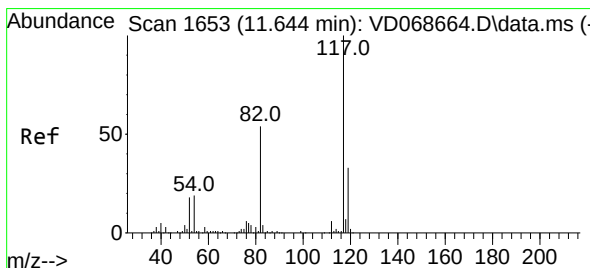
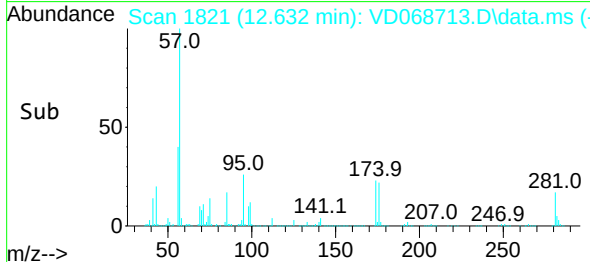
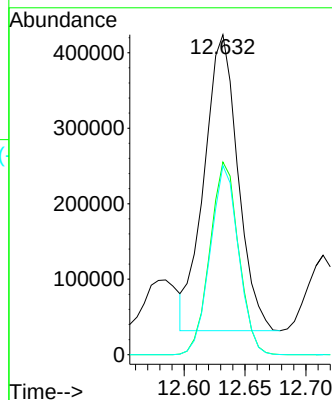
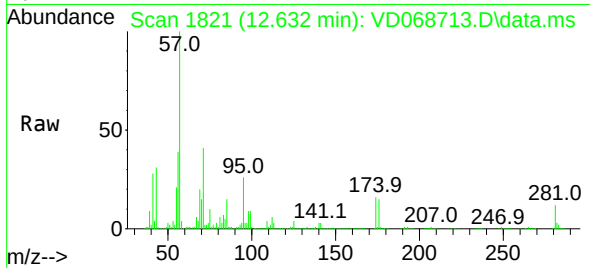




#62
4-Bromofluorobenzene
Concen: 83.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

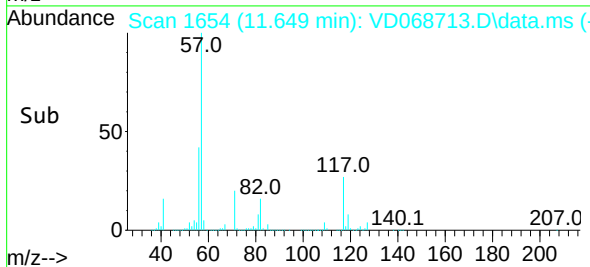
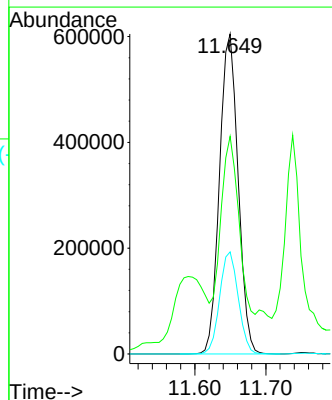
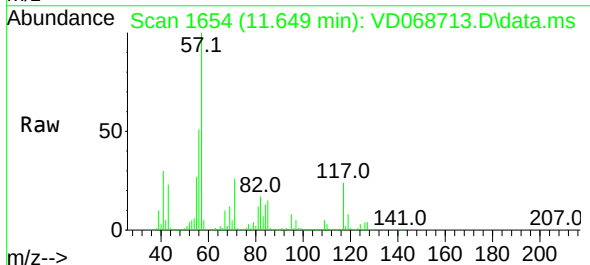
Instrument :
MSVOA_D
ClientSampleId :
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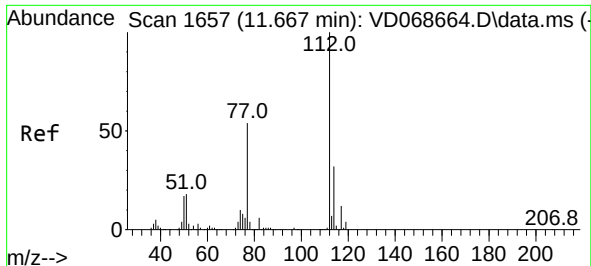
Tgt Ion: 95 Resp: 756831
Ion Ratio Lower Upper
95 100
174 55.4 0.0 168.0
176 53.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion:117 Resp: 1096219
Ion Ratio Lower Upper
117 100
82 47.4 43.5 65.3
119 31.9 26.7 40.1

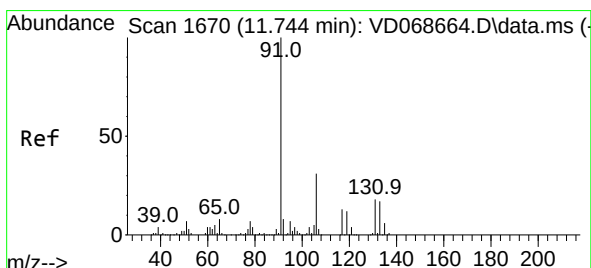
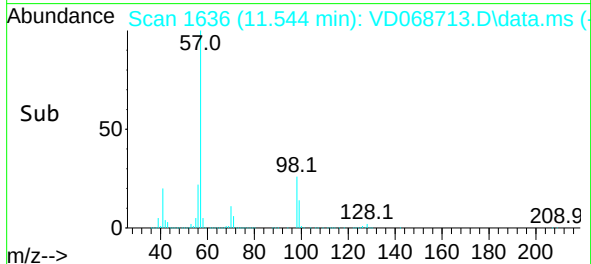
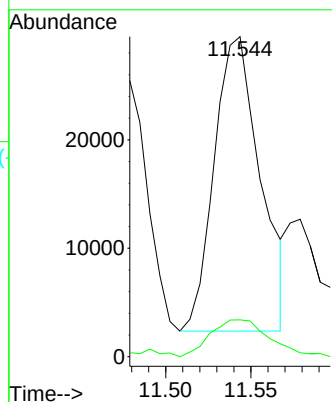
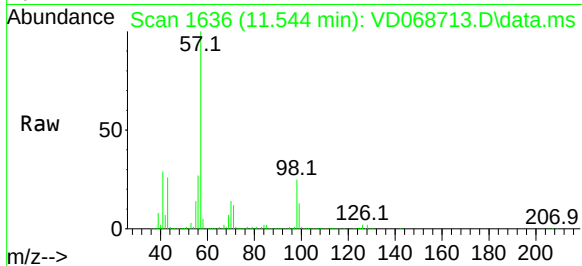




#65
Chlorobenzene
Concen: 2.37 ug/l
RT: 11.544 min Scan# 1636
Delta R.T. -0.124 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

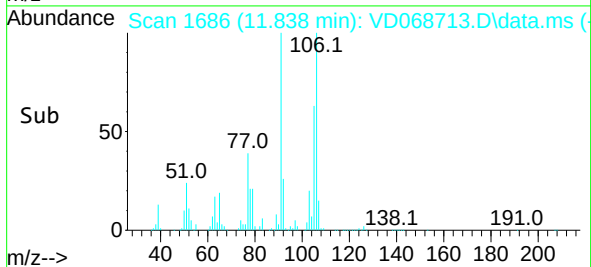
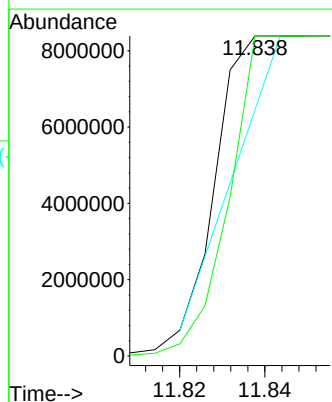
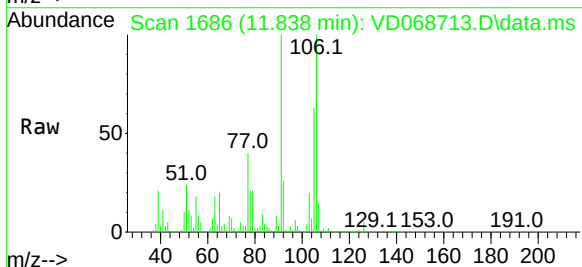
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

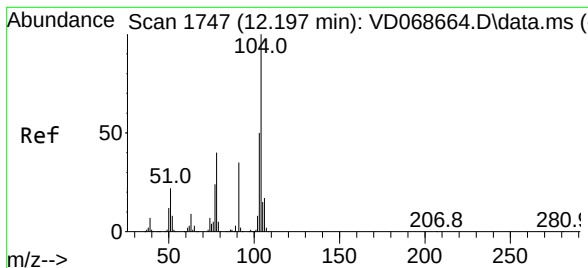
Tgt Ion:112 Resp: 51156
Ion Ratio Lower Upper
112 100
114 12.5 25.2 37.8#



#67
Ethyl Benzene
Concen: 88.28 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. 0.094 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 91 Resp: 3322594
Ion Ratio Lower Upper
91 100
106 104.6 25.1 37.7#

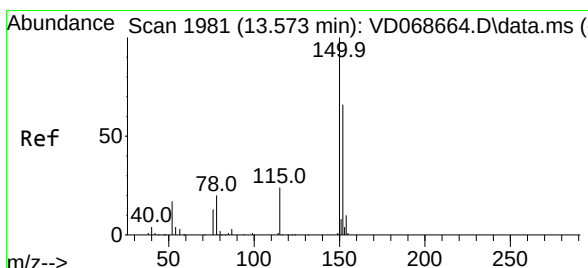
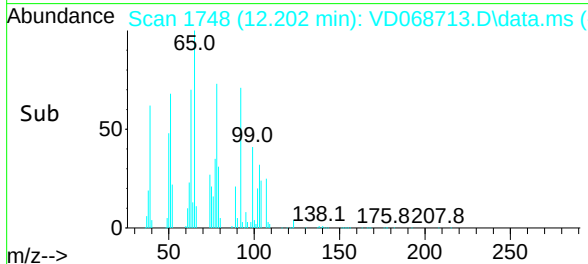
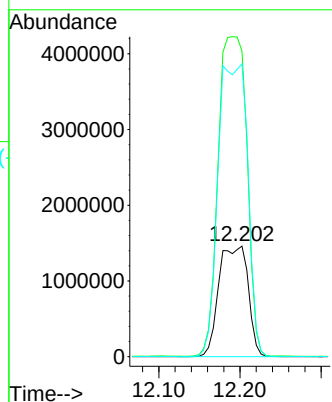
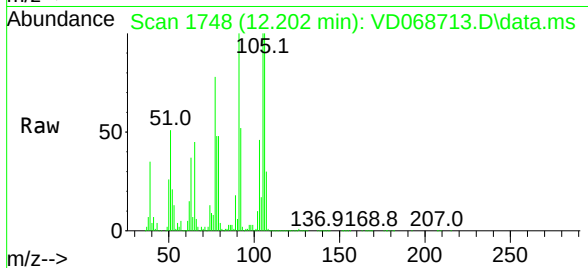




#70
Styrene
Concen: 156.12 ug/l
RT: 12.202 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

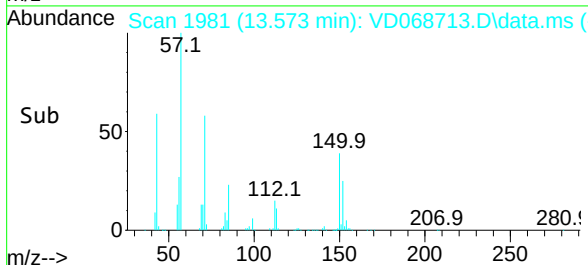
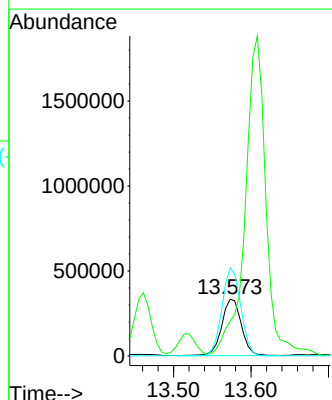
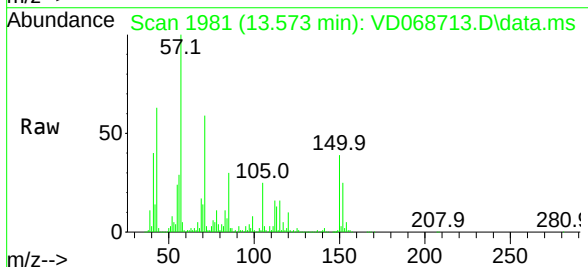
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

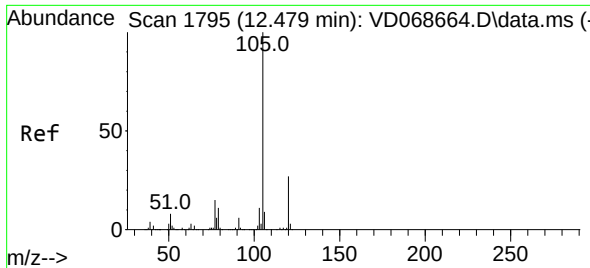
Tgt Ion:104 Resp: 3646303
Ion Ratio Lower Upper
104 100
78 283.8 36.9 55.3#
103 267.9 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion:152 Resp: 584942
Ion Ratio Lower Upper
152 100
115 0.0 29.3 87.8#
150 148.3 0.0 347.6

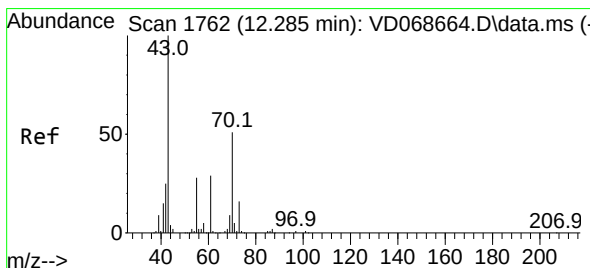
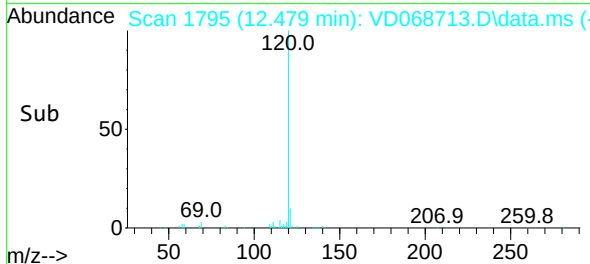
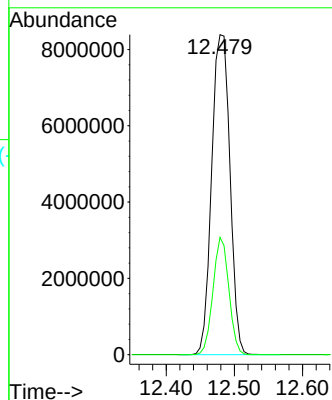
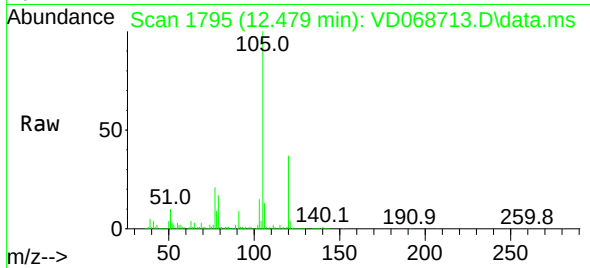




#73
Isopropylbenzene
Concen: 389.39 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

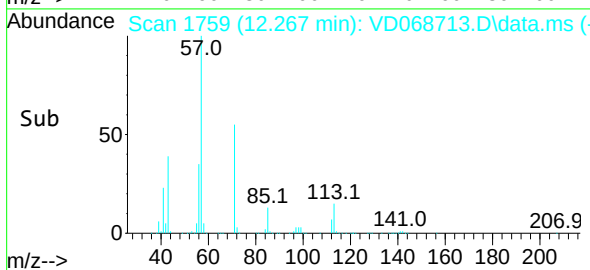
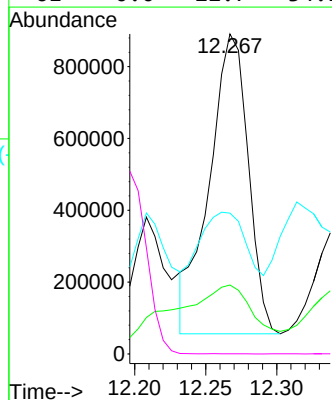
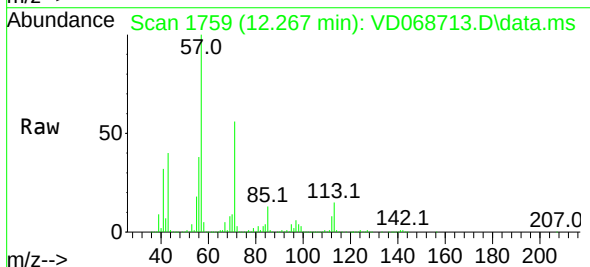
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

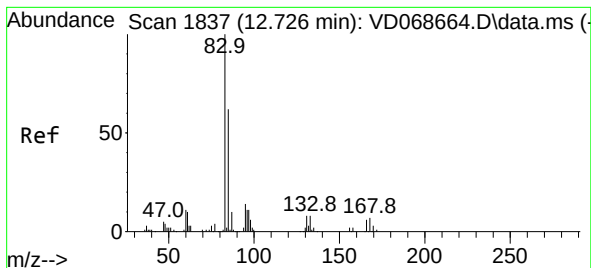
Tgt Ion:105 Resp:15649608
Ion Ratio Lower Upper
105 100
120 31.8 13.4 40.2



#74
N-ethyl acetate
Concen: 236.42 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 43 Resp: 1583757
Ion Ratio Lower Upper
43 100
70 32.1 41.9 62.9#
55 22.5 22.8 34.2#
61 0.0 22.7 34.1#



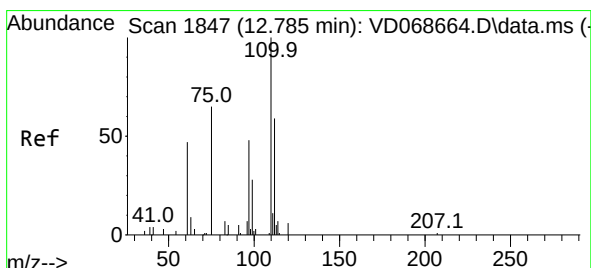
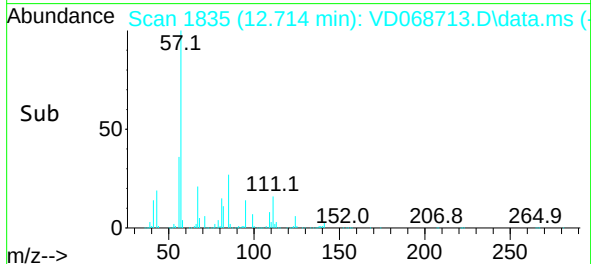
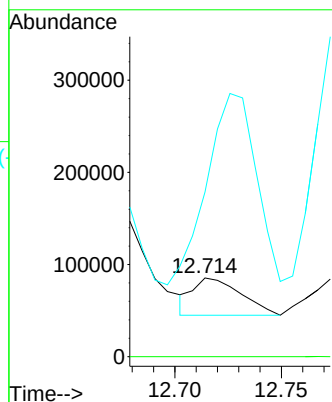
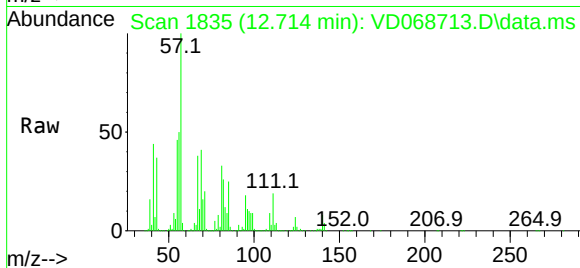


#75

1,1,2,2-Tetrachloroethane
Concen: 8.86 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.012 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

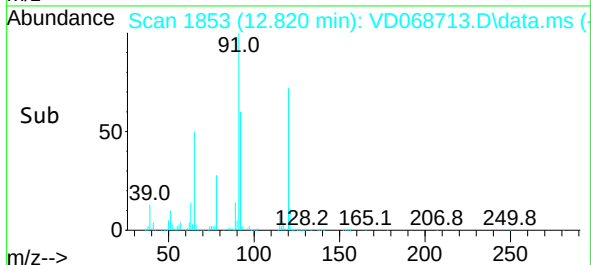
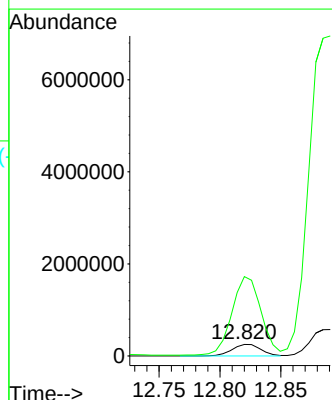
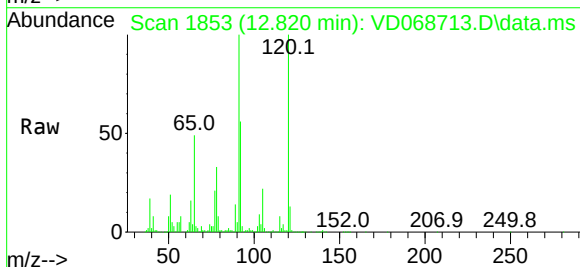
Tgt Ion: 83 Resp: 62894
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 551.2 32.0 96.0#

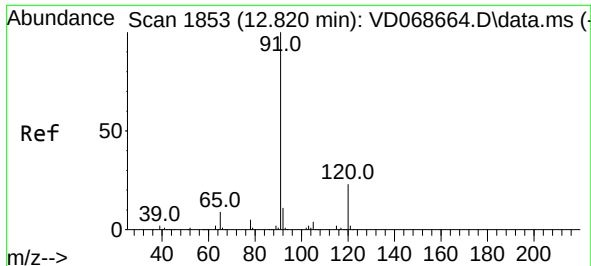


#76

1,2,3-Trichloropropane
Concen: 84.94 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.035 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 75 Resp: 413526
Ion Ratio Lower Upper
75 100
77 682.2 0.0 0.0#

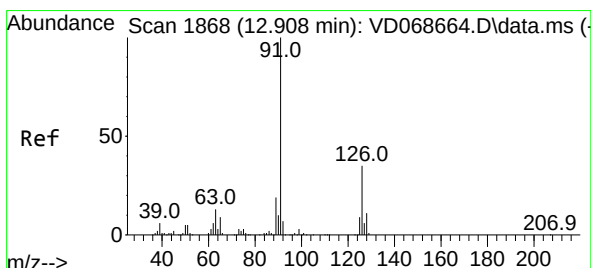
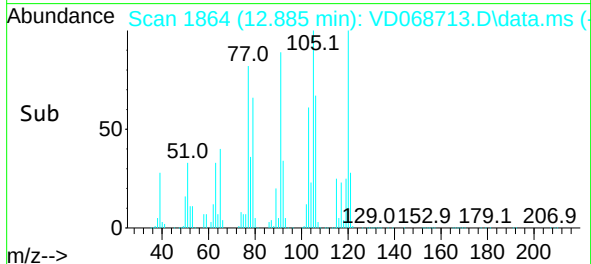
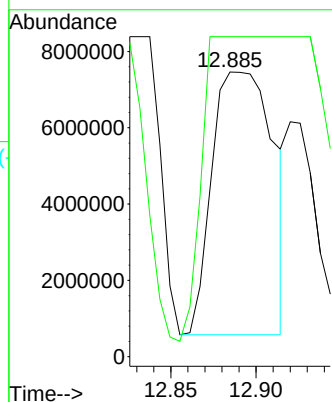
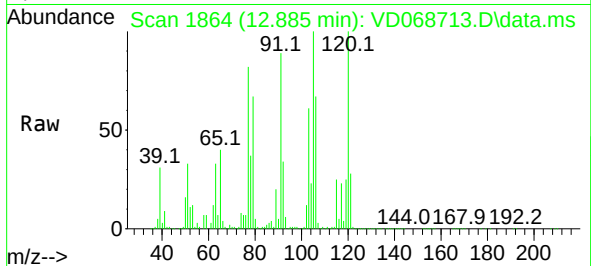




#78
n-propylbenzene
Concen: 357.94 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. 0.065 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

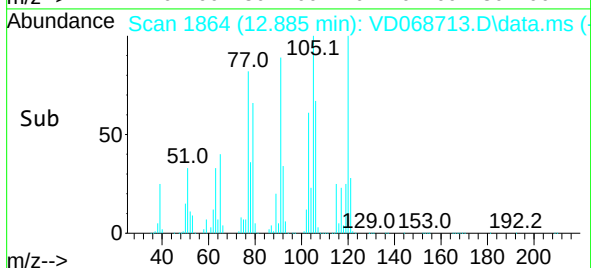
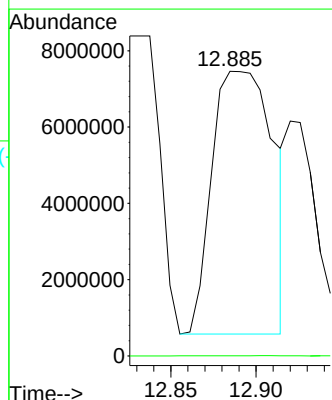
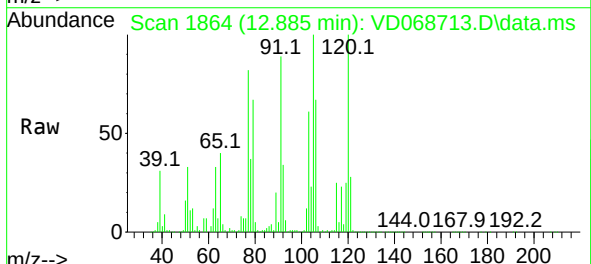
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

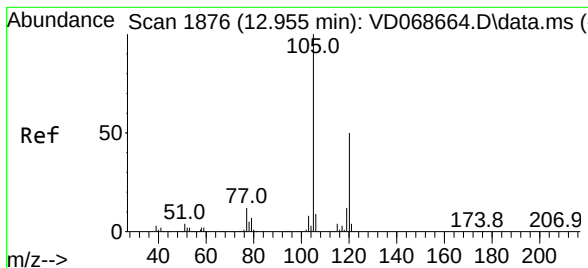
Tgt Ion: 91 Resp:17127880
Ion Ratio Lower Upper
91 100
120 15.1 11.4 34.2



#79
2-Chlorotoluene
Concen: 655.88 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. -0.024 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 91 Resp:17127880
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.3#

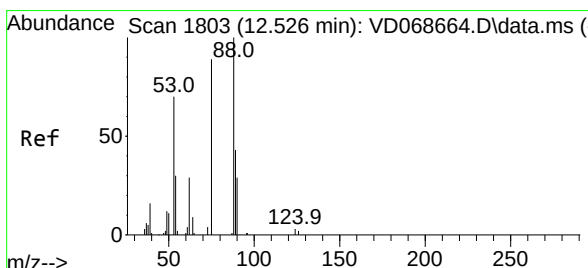
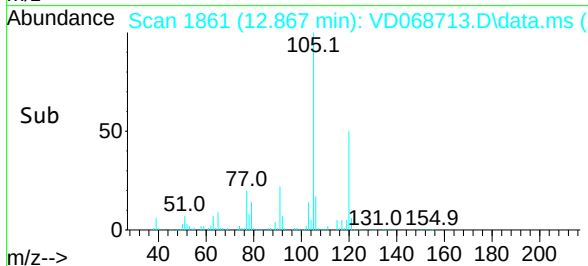
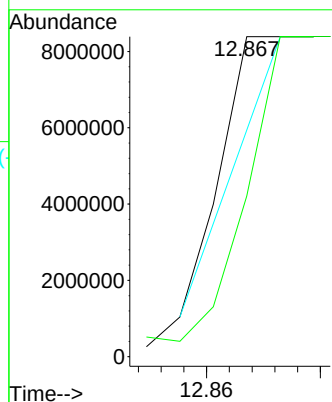
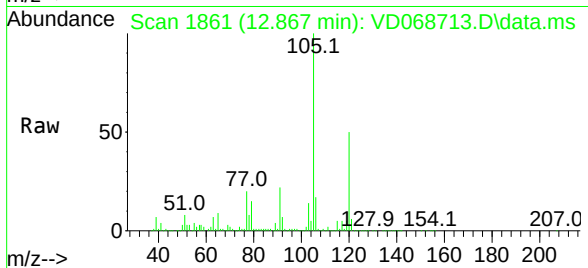




#80
1,3,5-Trimethylbenzene
Concen: 80.39 ug/l
RT: 12.867 min Scan# 1861
Delta R.T. -0.088 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

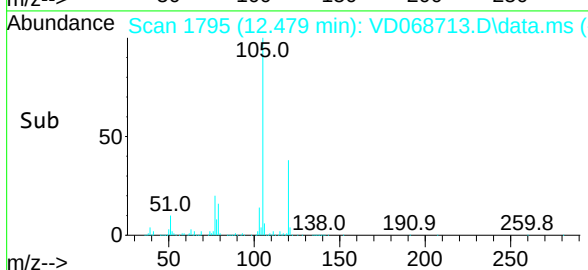
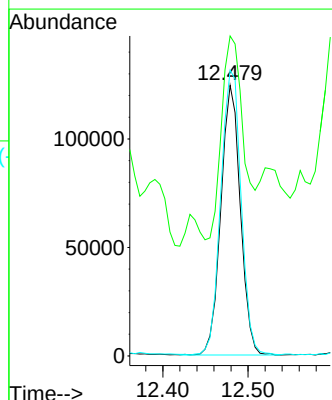
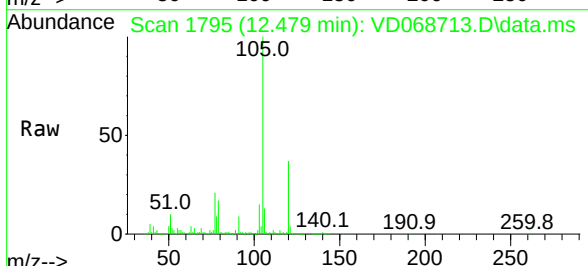
Instrument :
MSVOA_D
ClientSampleId :
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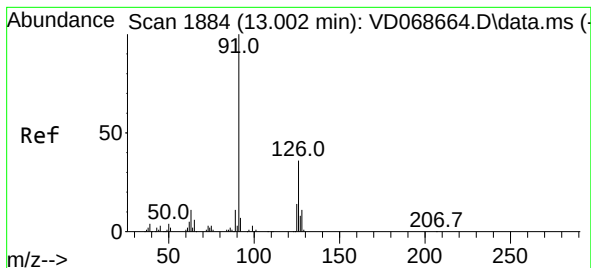
Tgt Ion:105 Resp: 2612950
Ion Ratio Lower Upper
105 100
120 99.1 24.9 74.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.28 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.047 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 75 Resp: 197479
Ion Ratio Lower Upper
75 100
53 84.5 66.8 100.2
89 110.5 36.6 54.8#

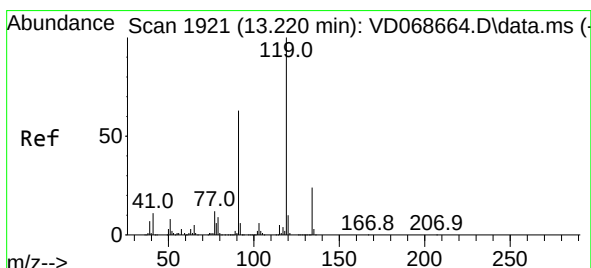
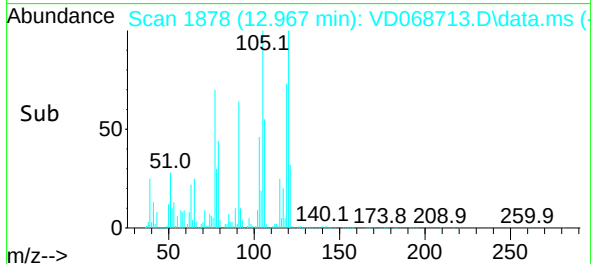
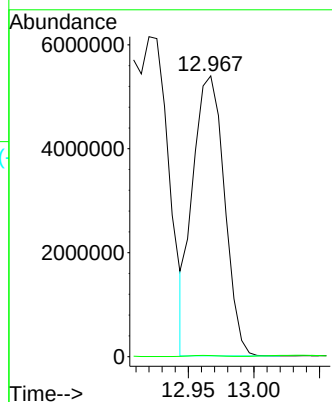
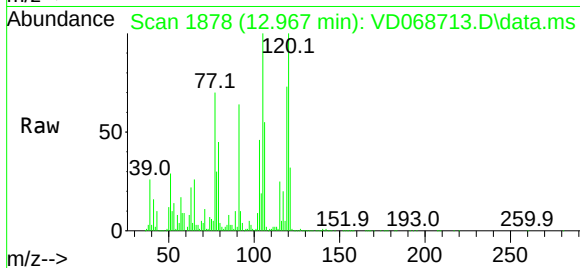




#82
4-Chlorotoluene
Concen: 323.30 ug/l
RT: 12.967 min Scan# 1878
Delta R.T. -0.035 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

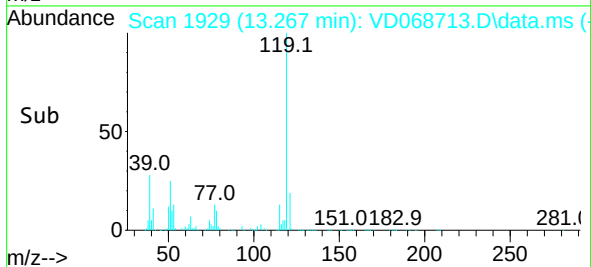
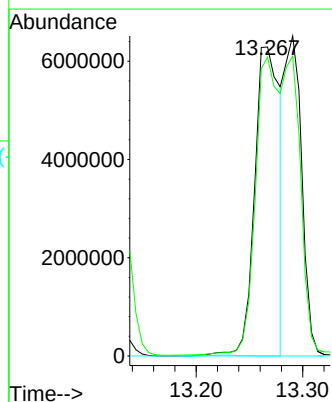
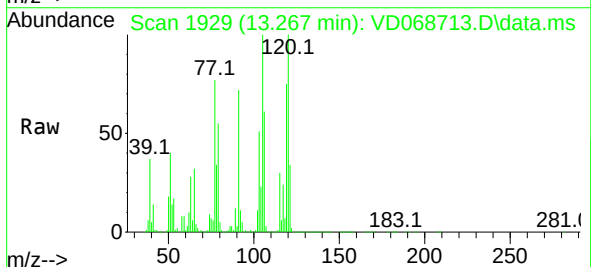
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

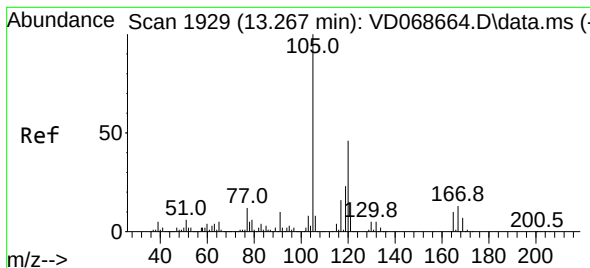
Tgt Ion: 91 Resp: 9018911
Ion Ratio Lower Upper
91 100
126 0.5 17.2 51.5#



#83
tert-Butylbenzene
Concen: 373.81 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 119 Resp: 10354366
Ion Ratio Lower Upper
119 100
91 94.2 31.6 95.0
134 0.0 13.4 40.2#

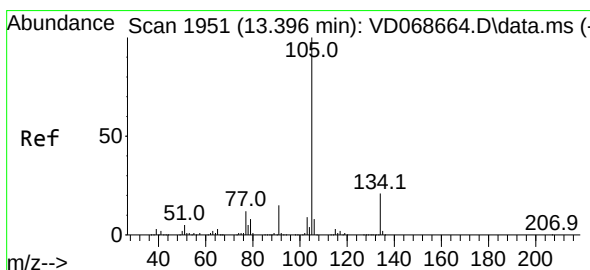
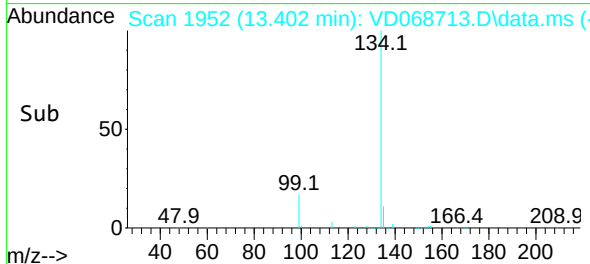
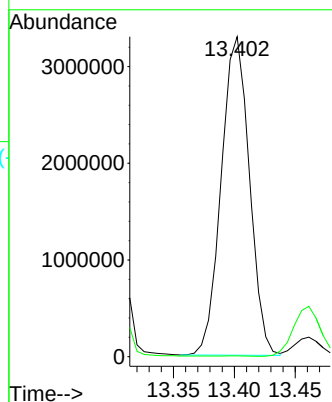
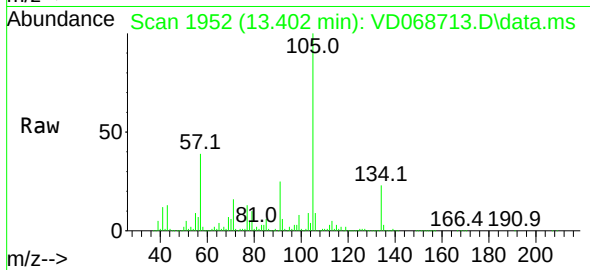




#84
1,2,4-Trimethylbenzene
Concen: 158.27 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.135 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

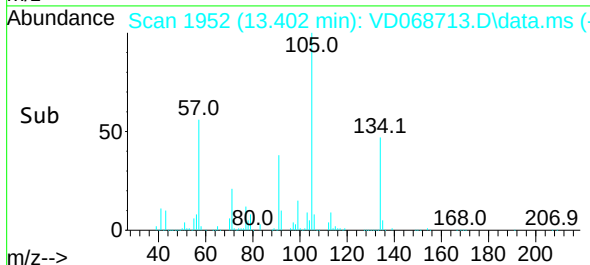
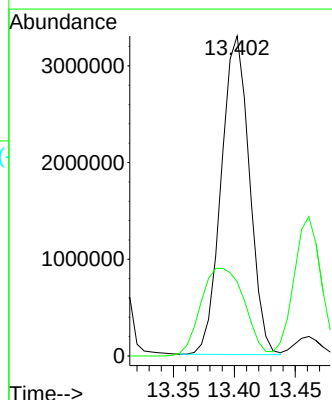
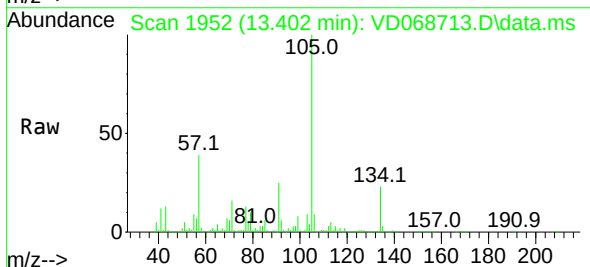
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

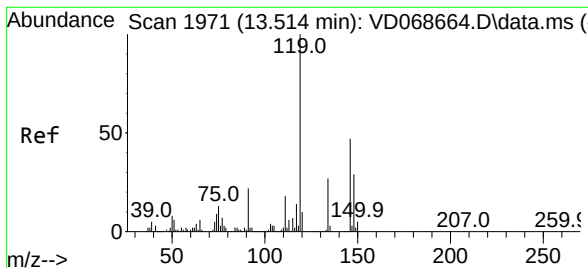
Tgt Ion:105 Resp: 5314173
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.7#



#85
sec-Butylbenzene
Concen: 131.96 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion:105 Resp: 5314173
Ion Ratio Lower Upper
105 100
134 42.5 10.0 29.8#

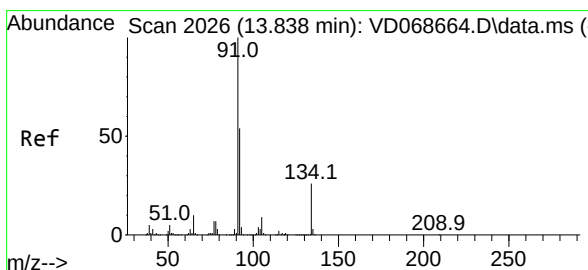
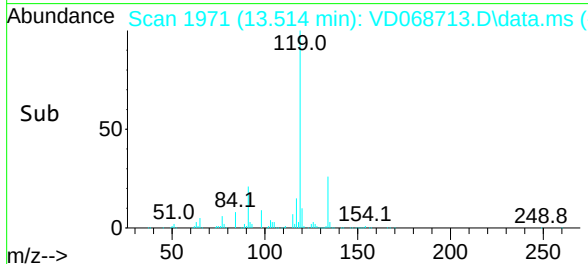
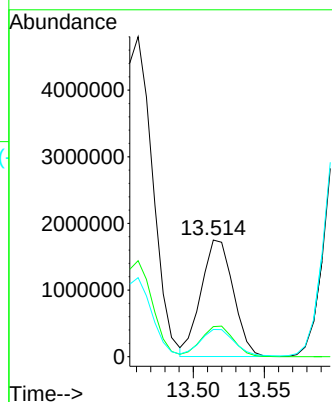
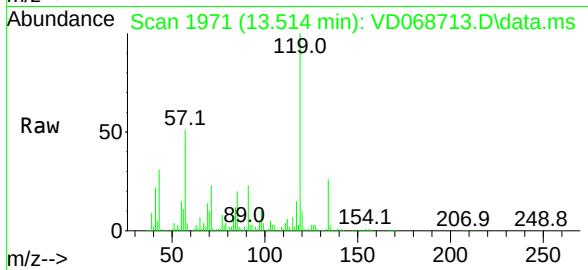




#86
p-Isopropyltoluene
Concen: 75.38 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

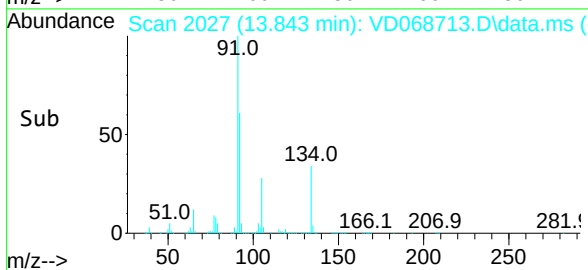
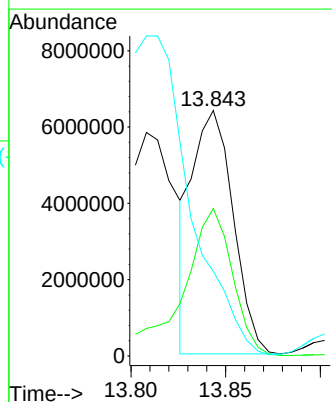
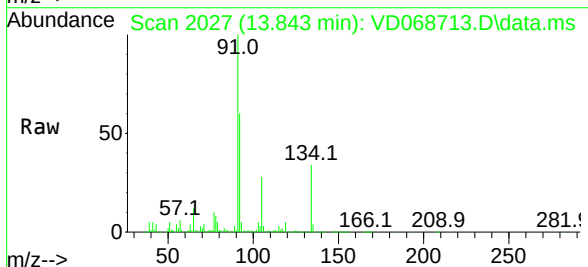
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

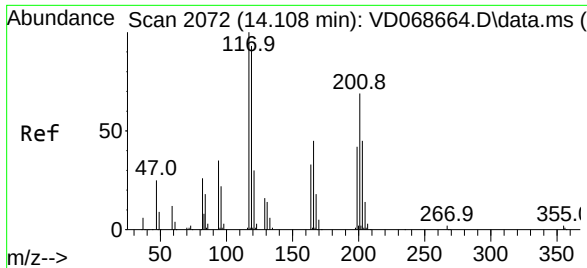
Tgt Ion:119 Resp: 2762217
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 23.6 11.1 33.1



#89
n-Butylbenzene
Concen: 275.21 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Tgt Ion: 91 Resp: 9573494
Ion Ratio Lower Upper
91 100
92 72.3 26.7 80.1
134 0.0 12.9 38.6#

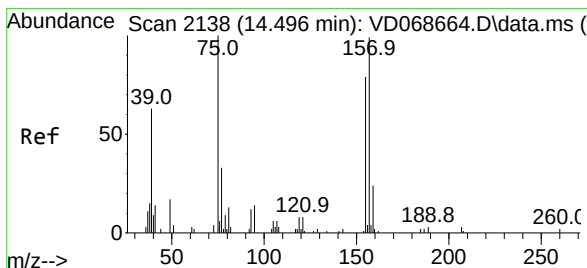
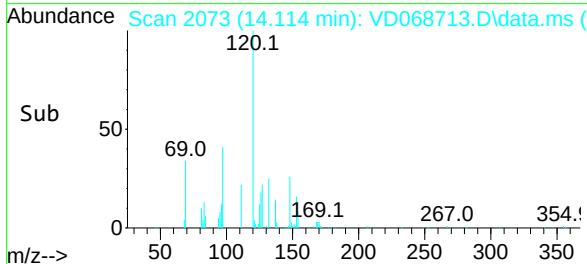
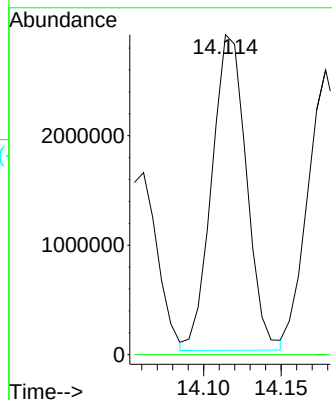
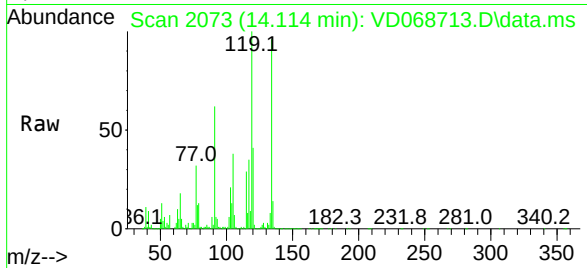




#90
Hexachloroethane
Concen: 679.89 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

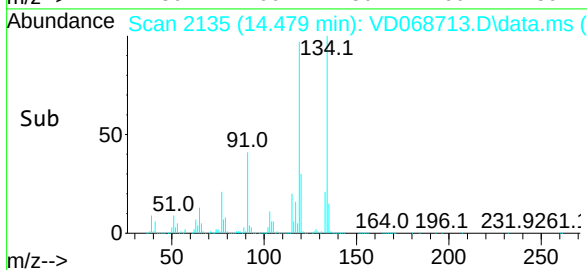
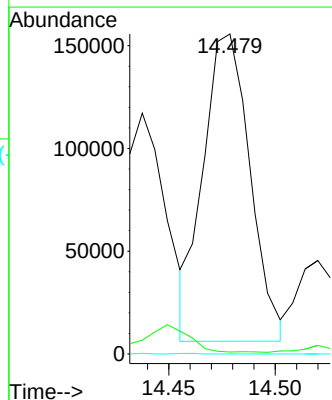
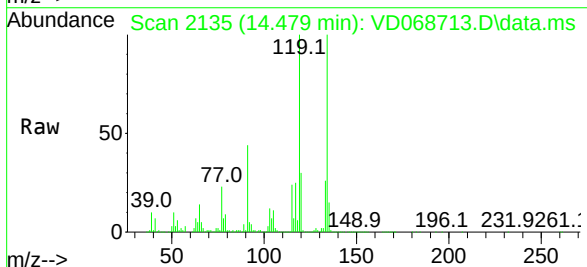
Instrument :
MSVOA_D
ClientSampleId :
B2-10-12

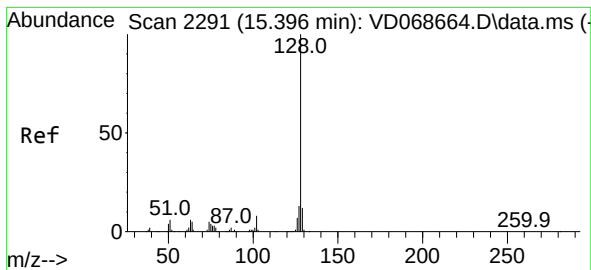
Tgt Ion:117 Resp: 4482355
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 224.51 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.018 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

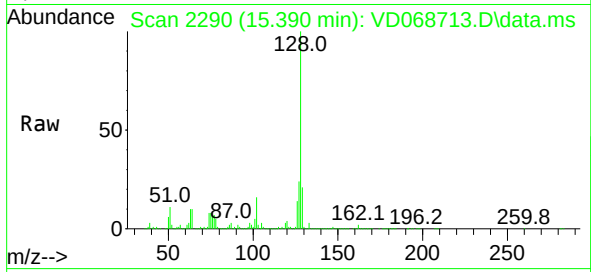
Tgt Ion: 75 Resp: 228091
Ion Ratio Lower Upper
75 100
155 0.0 46.8 140.3#
157 0.0 59.8 179.3#





#95
Naphthalene
Concen: 1171.11 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068713.D
Acq: 29 Mar 2021 22:15

Instrument :
MSVOA_D
ClientSampleId :
B2-10-12



Tgt Ion:128 Resp:21275893
Ion Ratio Lower Upper
128 100
127 19.1 10.2 15.4#
129 16.4 8.9 13.3#

