

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068166.D
 Acq On : 25 Jan 2021 13:40
 Operator : VA/SY
 Sample : M1220-05
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 26 00:08:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	22697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	38910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	34033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	13578	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	15573	71.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.44%
35) Dibromofluoromethane	7.914	113	9341	43.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.84%
50) Toluene-d8	10.343	98	46265	53.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.54%
62) 4-Bromofluorobenzene	12.632	95	15158	48.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.84%

Target Compounds						Qvalue
3) Chloromethane	2.209	50	1224	4.22	ug/l	94
4) Vinyl Chloride	2.344	62	403	1.25	ug/l #	43
5) Bromomethane	2.785	94	2443	11.03	ug/l #	71
10) Methyl Iodide	4.332	142	2153	10.43	ug/l #	66
12) 1,1-Dichloroethene	4.073	96	471	1.89	ug/l #	38
13) Acrolein	4.109	56	66	3.86	ug/l #	1
15) Acrylonitrile	5.438	53	53	1.07	ug/l #	17
16) Acetone	4.161	43	1141	29.43	ug/l #	44
20) Methylene Chloride	4.961	84	450	Below Cal	#	71
25) 2-Butanone	7.208	43	145	2.48	ug/l #	43
29) Tetrahydrofuran	7.555	42	321	8.48	ug/l #	26
31) Cyclohexane	7.985	56	1195	2.54	ug/l #	83
38) Carbon Tetrachloride	7.979	117	2083	5.67	ug/l #	12
39) Methylcyclohexane	9.361	83	631	1.23	ug/l #	46
40) Benzene	8.355	78	1367	1.25	ug/l #	54
41) Methacrylonitrile	7.526	41	209	2.50	ug/l #	37
48) Methyl methacrylate	9.473	41	157	1.09	ug/l #	28
51) 4-Methyl-2-Pentanone	10.226	43	361	2.68	ug/l #	31
59) 2-Hexanone	11.002	43	654	7.02	ug/l #	19
60) Dibromochloromethane	10.879	129	520	2.15	ug/l #	11
64) Tetrachloroethene	10.873	164	343	1.43	ug/l	88
65) Chlorobenzene	11.667	112	752	1.04	ug/l #	43
68) m/p-Xylenes	11.849	106	1105	2.19	ug/l	95
73) Isopropylbenzene	12.479	105	1370	1.21	ug/l	89
74) N-amyl acetate	12.296	43	695	2.96	ug/l #	41
76) 1,2,3-Trichloropropane	12.632	75	7986	60.83	ug/l #	100
78) n-propylbenzene	12.826	91	2154	1.61	ug/l #	69
79) 2-Chlorotoluene	12.908	91	874	1.16	ug/l	81
80) 1,3,5-Trimethylbenzene	12.961	105	1332	1.42	ug/l #	50
81) trans-1,4-Dichloro-2-b...	12.632	75	7986	123.09	ug/l #	13
82) 4-Chlorotoluene	13.008	91	990	1.27	ug/l	86
83) tert-Butylbenzene	13.220	119	886	1.11	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.267	105	1017	1.09	ug/l	84
85) sec-Butylbenzene	13.408	105	1578	1.41	ug/l	84
86) p-Isopropyltoluene	13.508	119	1223	1.21	ug/l	90
87) 1,3-Dichlorobenzene	13.520	146	633	1.36	ug/l	80

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ClientSampleId :

Quant Time: Jan 26 00:08:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

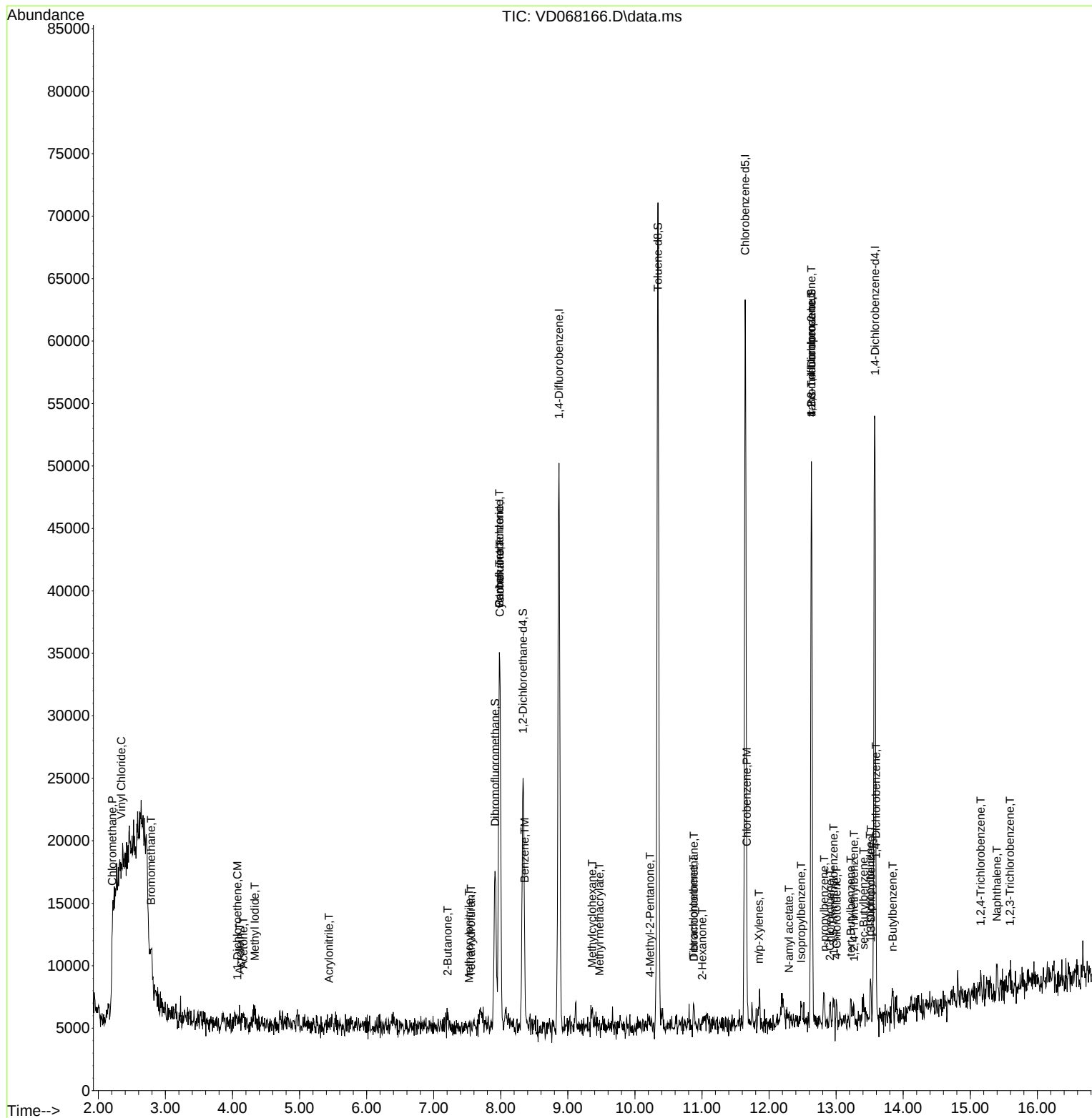
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.596	146	483	1.05	ug/l	91
89) n-Butylbenzene	13.843	91	1417	1.46	ug/l	94
93) 1,2,4-Trichlorobenzene	15.155	180	480	1.76	ug/l #	27
95) Naphthalene	15.396	128	1893	3.69	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.590	180	684	2.97	ug/l #	70

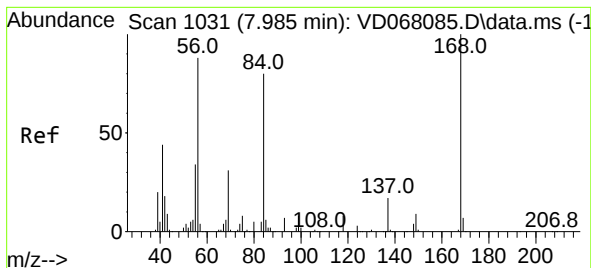
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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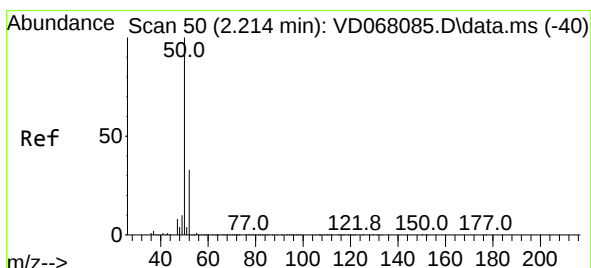
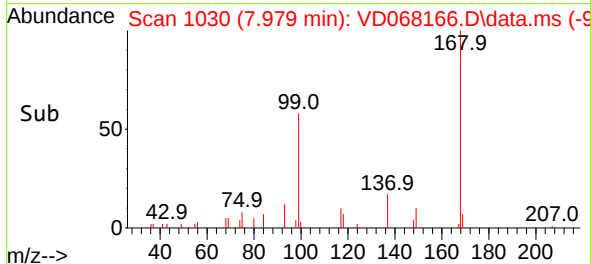
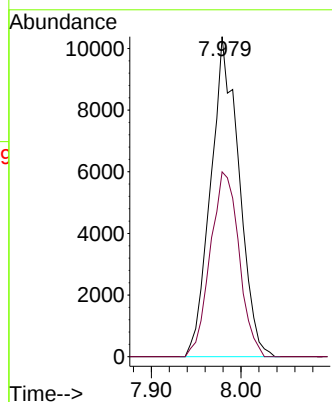
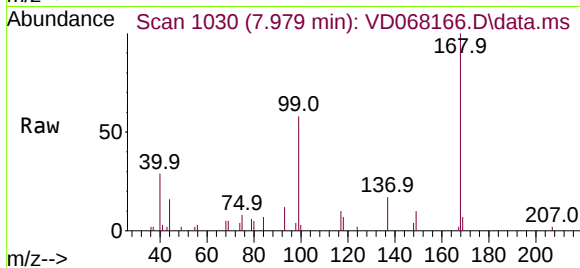




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

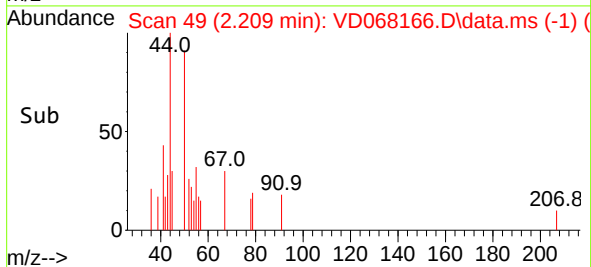
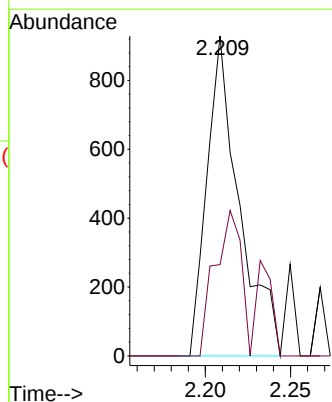
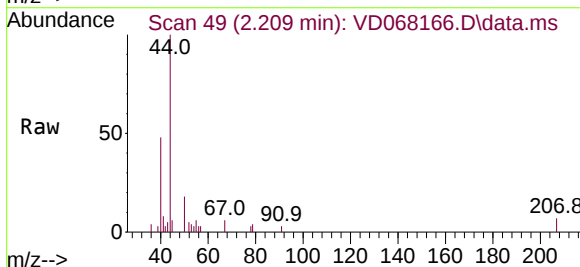
Instrument :
MSVOA_D
ClientSampled :

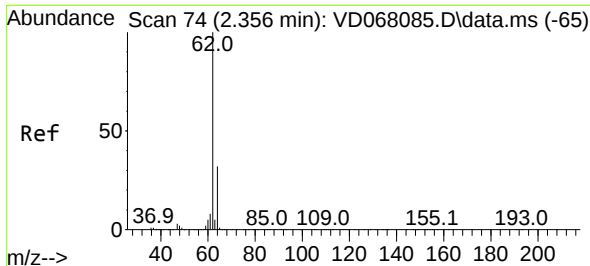
Tgt Ion:168 Resp: 22697
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#3
Chloromethane
Concen: 4.22 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.005 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 50 Resp: 1224
Ion Ratio Lower Upper
50 100
52 28.5 25.4 38.2

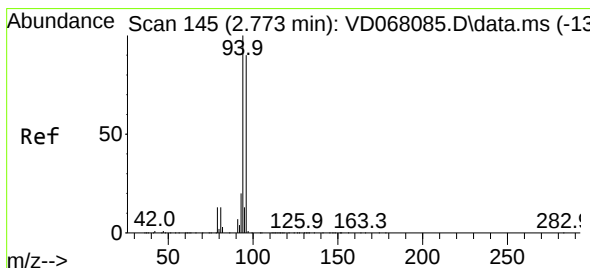
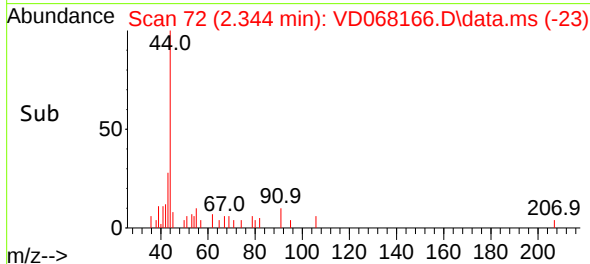
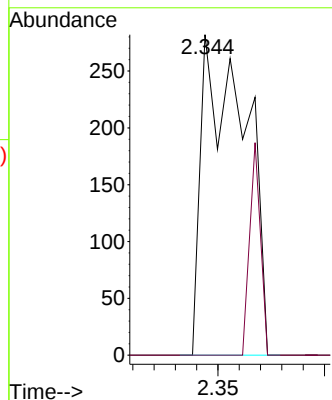
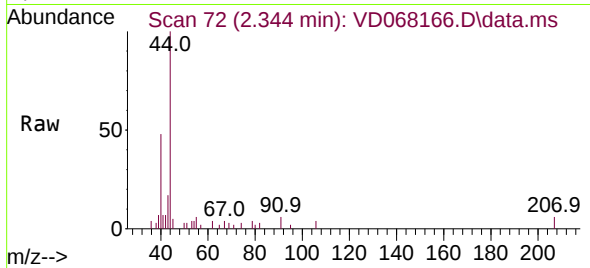




#4
 Vinyl Chloride
 Concen: 1.25 ug/l
 RT: 2.344 min Scan# 72
 Delta R.T. -0.012 min
 Lab File: VD068166.D
 Acq: 25 Jan 2021 13:40

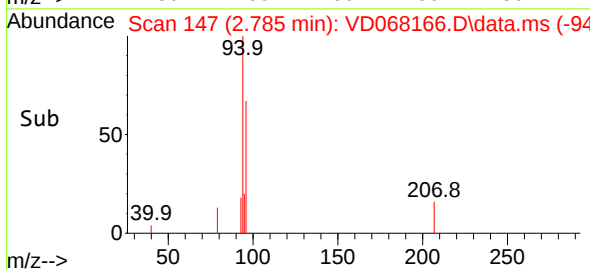
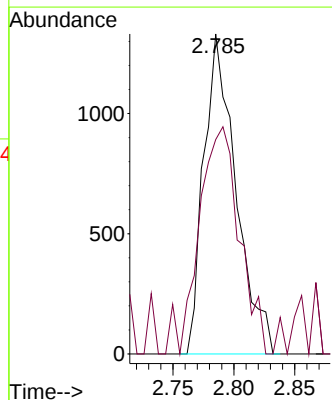
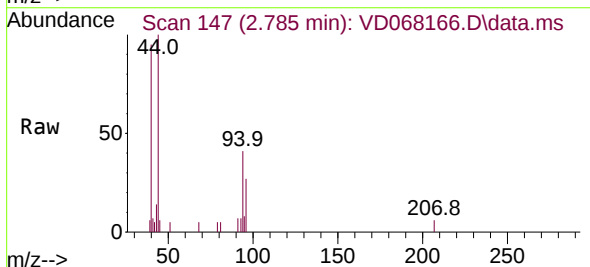
Instrument :
 MSVOA_D
 ClientSampled :

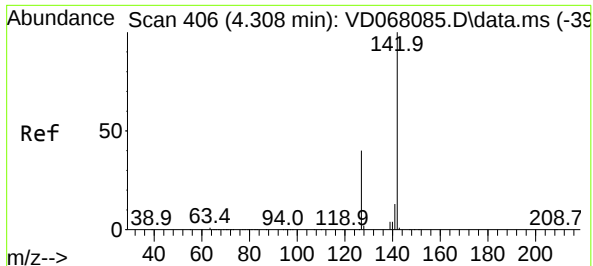
Tgt Ion: 62 Resp: 403
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 11.03 ug/l
 RT: 2.785 min Scan# 147
 Delta R.T. 0.012 min
 Lab File: VD068166.D
 Acq: 25 Jan 2021 13:40

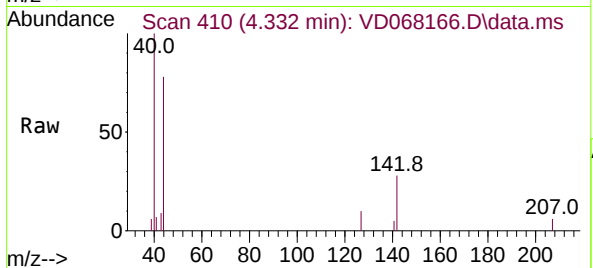
Tgt Ion: 94 Resp: 2443
 Ion Ratio Lower Upper
 94 100
 96 67.0 75.8 113.8#



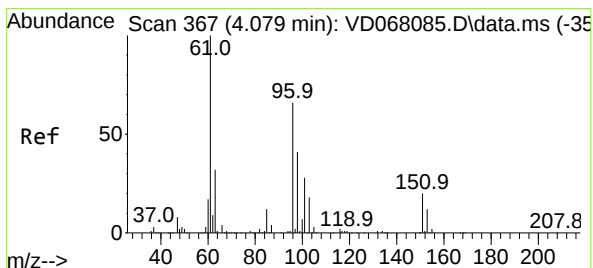
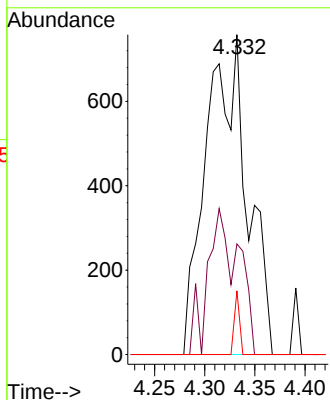
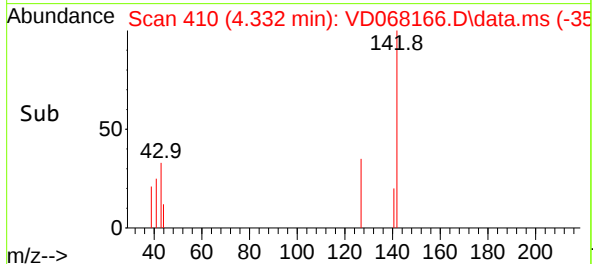


#10
Methyl Iodide
Concen: 10.43 ug/l
RT: 4.332 min Scan# 410
Delta R.T. 0.024 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

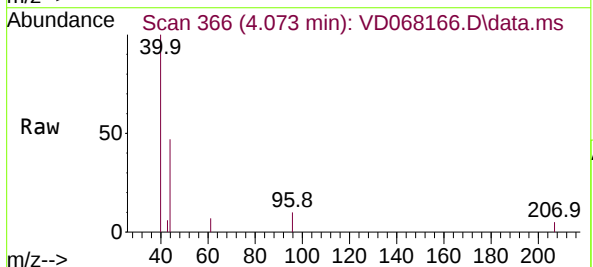
Instrument :
MSVOA_D
ClientSampled :



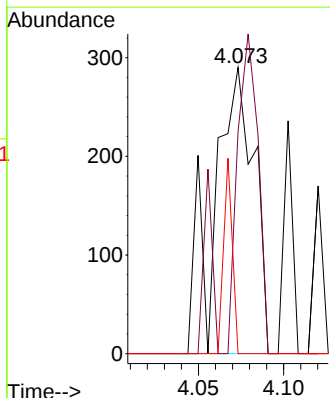
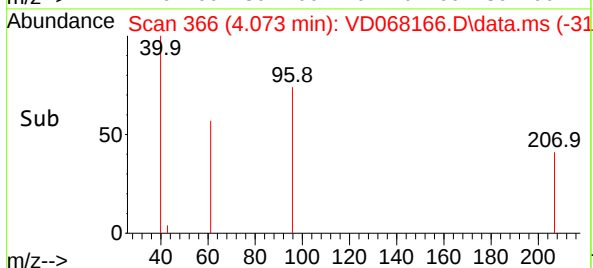
Tgt Ion:142 Resp: 2153
Ion Ratio Lower Upper
142 100
127 23.4 37.9 56.9#
141 2.5 11.5 17.3#

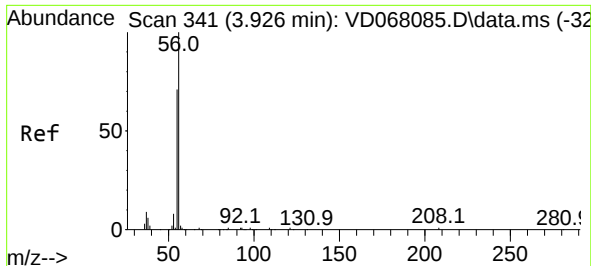


#12
1,1-Dichloroethene
Concen: 1.89 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40



Tgt Ion: 96 Resp: 471
Ion Ratio Lower Upper
96 100
61 77.6 116.2 174.4#
98 0.0 48.6 73.0#

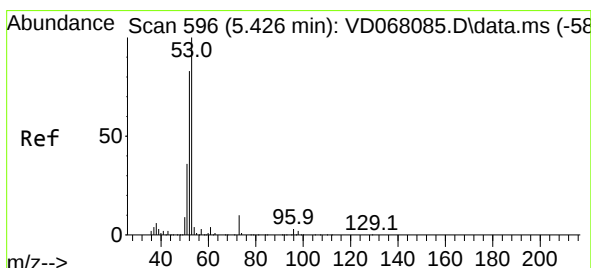
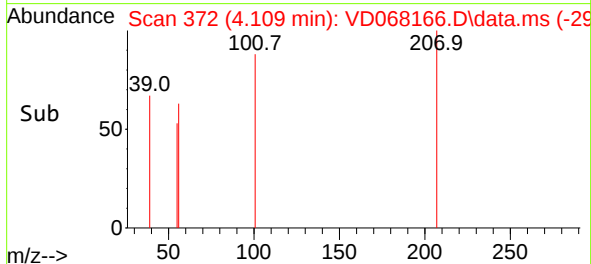
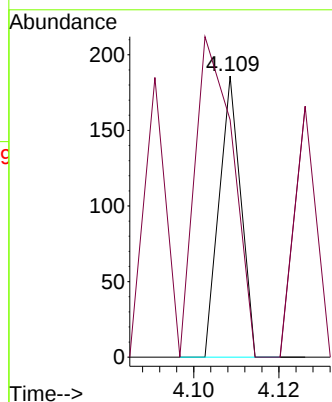
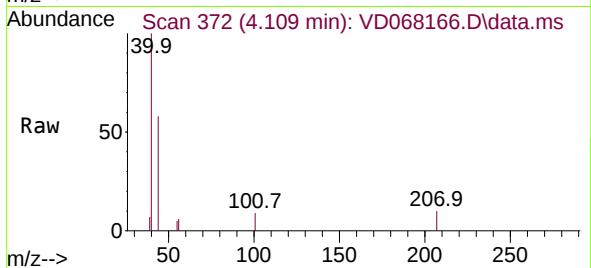




#13
Acrolein
Concen: 3.86 ug/l
RT: 4.109 min Scan# 372
Delta R.T. 0.183 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

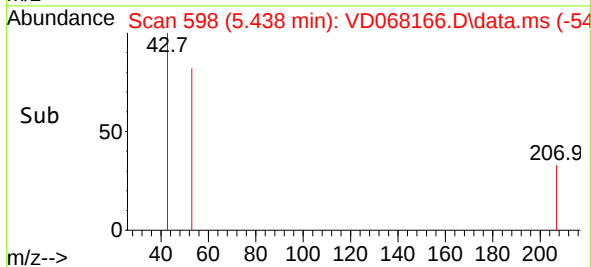
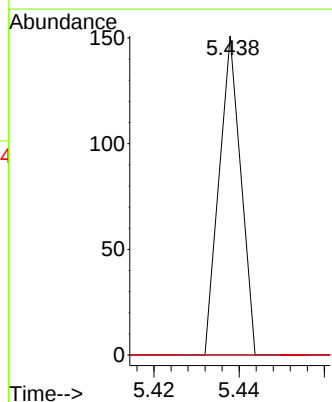
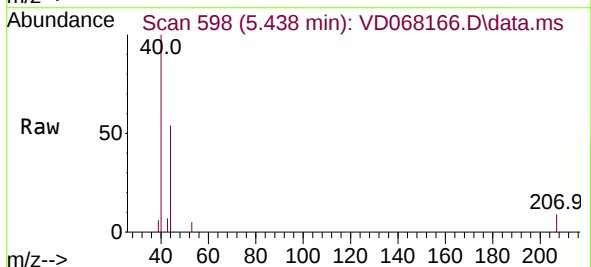
Instrument :
MSVOA_D
ClientSampled :

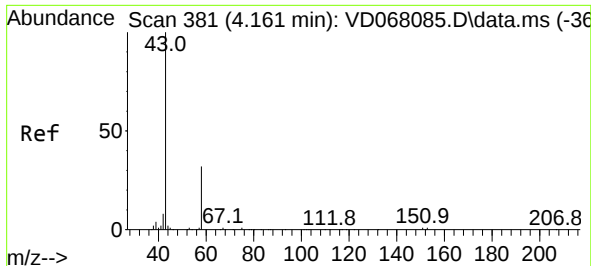
Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 297.0 56.5 84.7#



#15
Acrylonitrile
Concen: 1.07 ug/l
RT: 5.438 min Scan# 598
Delta R.T. 0.012 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 53 Resp: 53
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 0.0 29.0 43.4#

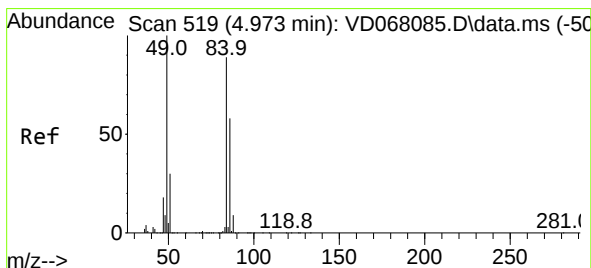
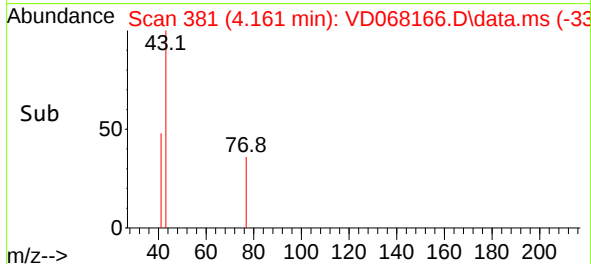
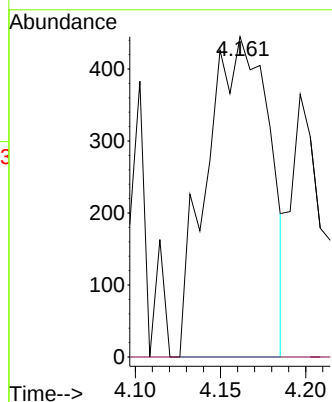
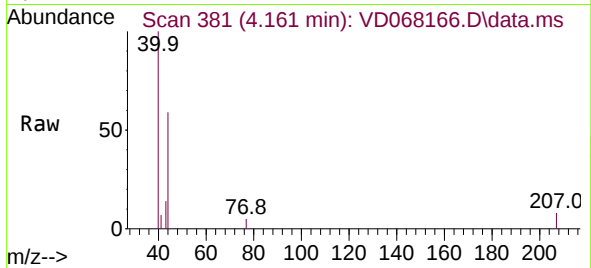




#16
Acetone
Concen: 29.43 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

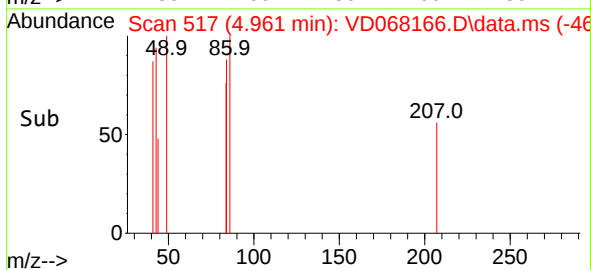
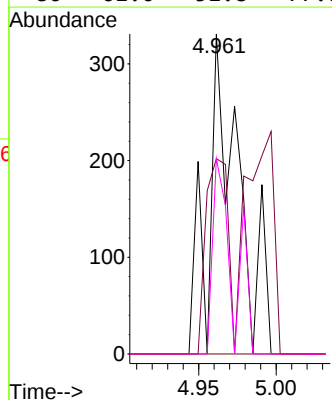
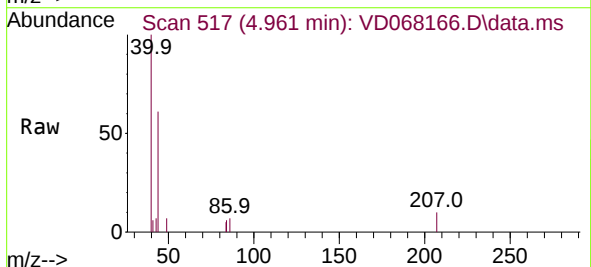
Instrument :
MSVOA_D
ClientSampled :

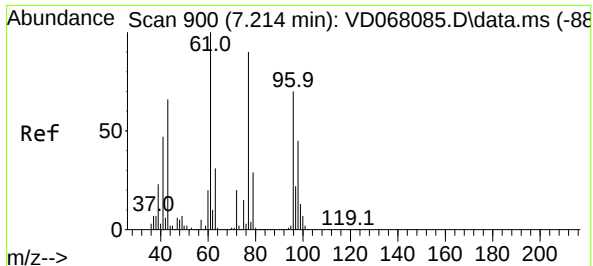
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068166.D
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Tgt Ion: 84 Resp: 450
Ion Ratio Lower Upper
84 100
49 61.0 77.4 116.2#
51 0.0 26.1 39.1#
86 61.0 51.8 77.8

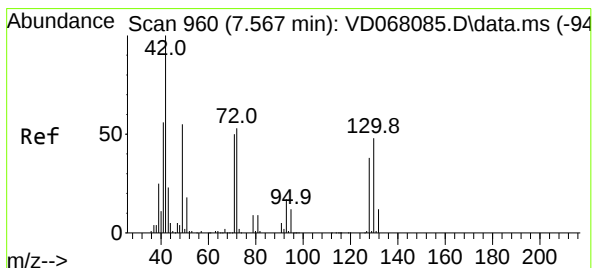
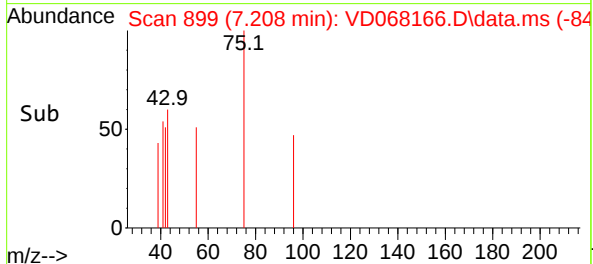
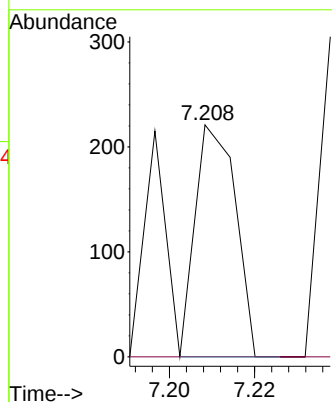
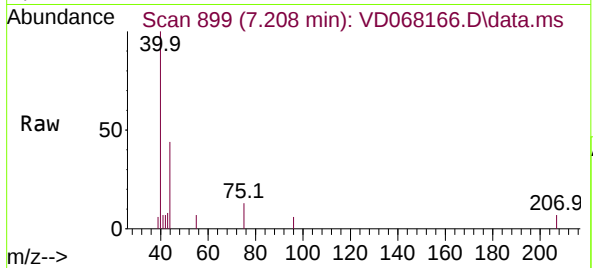




#25
2-Butanone
Concen: 2.48 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

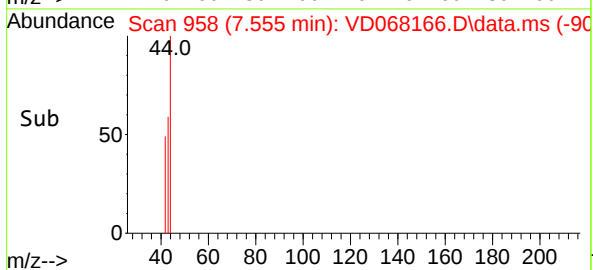
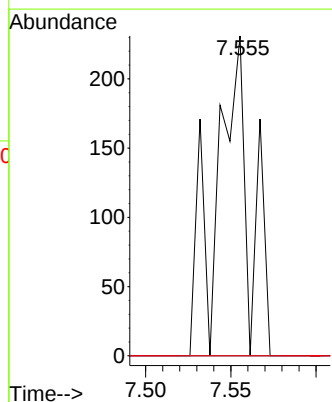
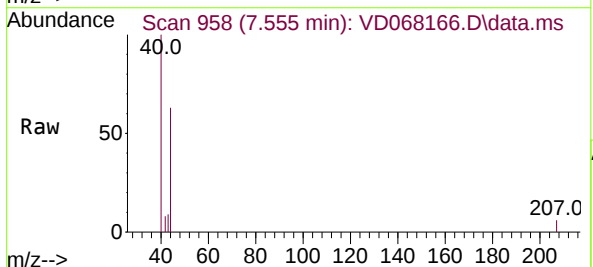
Instrument :
MSVOA_D
ClientSampled :

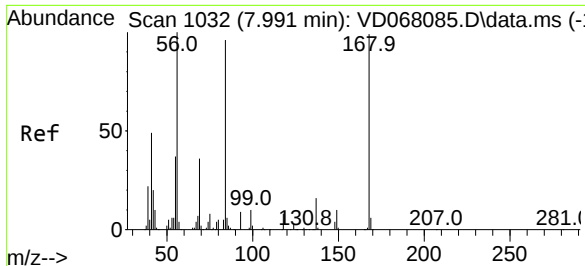
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#29
Tetrahydrofuran
Concen: 8.48 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.012 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 42 Resp: 321
Ion Ratio Lower Upper
42 100
72 0.0 43.4 65.0#
71 0.0 40.8 61.2#

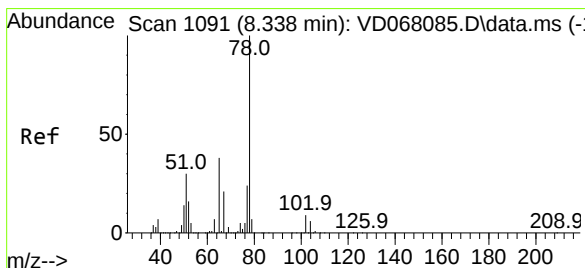
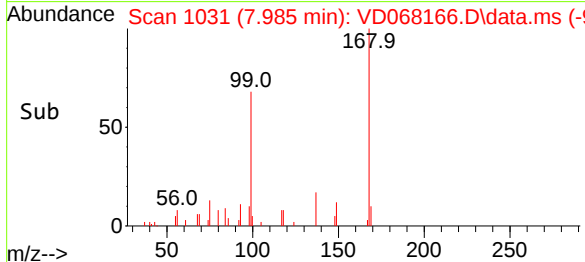
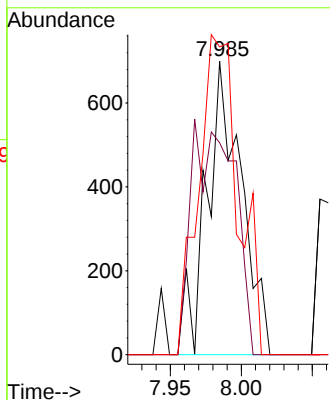
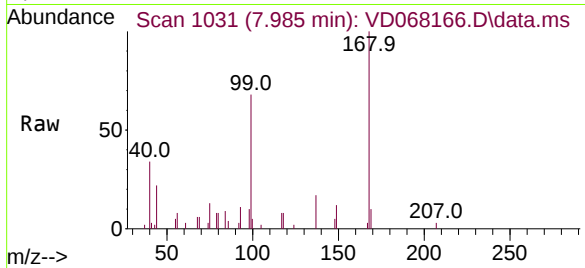




#31
Cyclohexane
Concen: 2.54 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

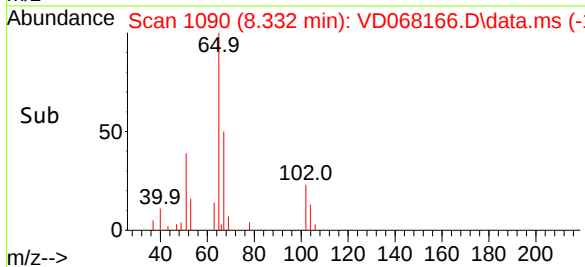
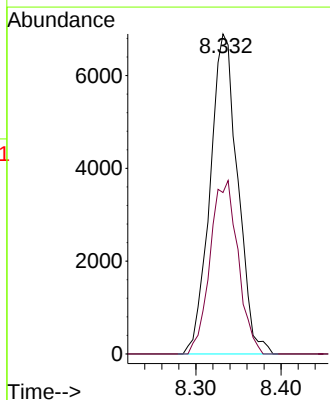
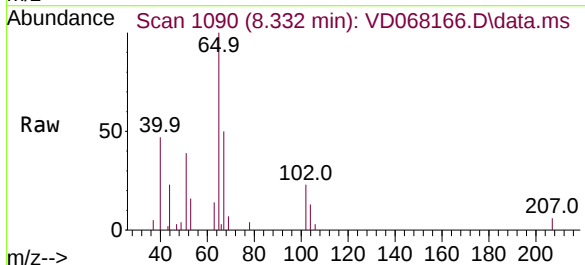
Instrument :
MSVOA_D
ClientSampled :

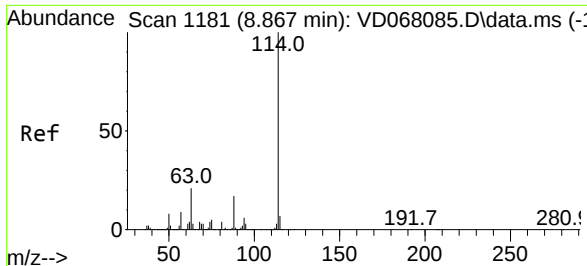
Tgt Ion: 56 Resp: 1195
Ion Ratio Lower Upper
56 100
69 72.1 30.1 45.1#
84 104.9 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 71.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 65 Resp: 15573
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.0

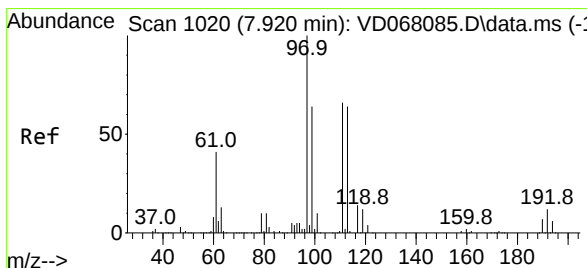
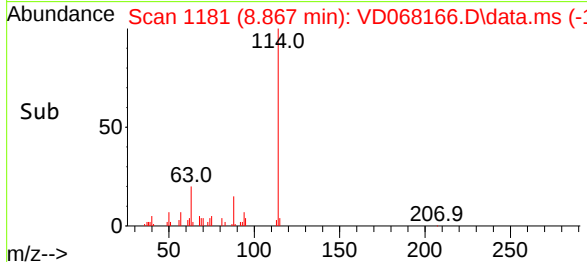
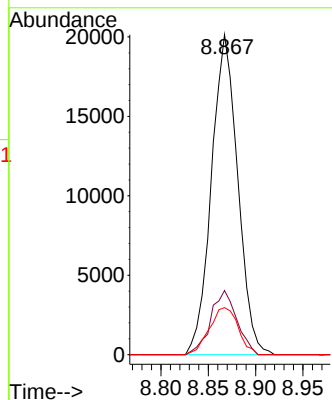
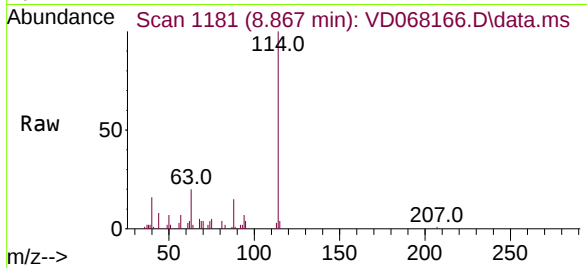




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

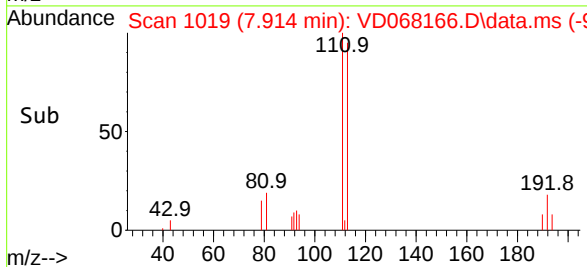
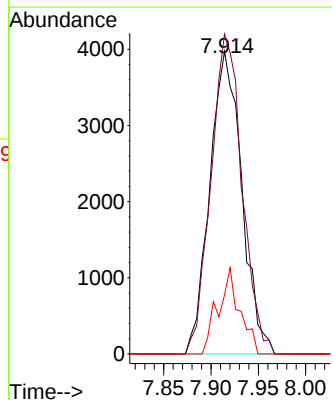
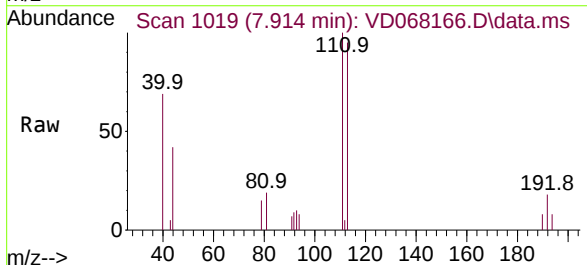
Instrument :
MSVOA_D
ClientSampleId :

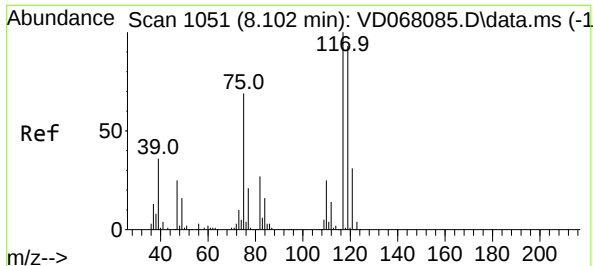
Tgt Ion:	114	Resp:	38910
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	34.8
88	14.7	0.0	31.6



#35
Dibromofluoromethane
Concen: 43.42 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

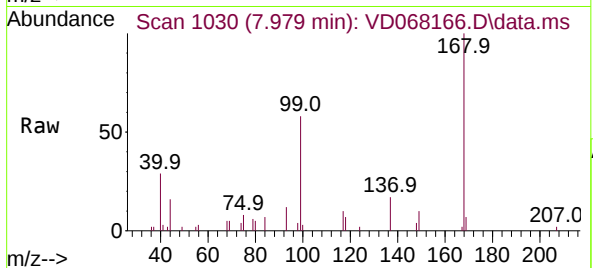
Tgt Ion:	113	Resp:	9341
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	19.2	16.1	24.1



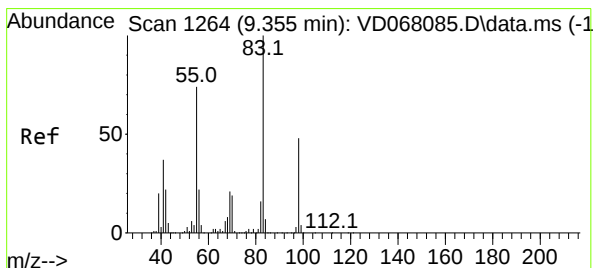
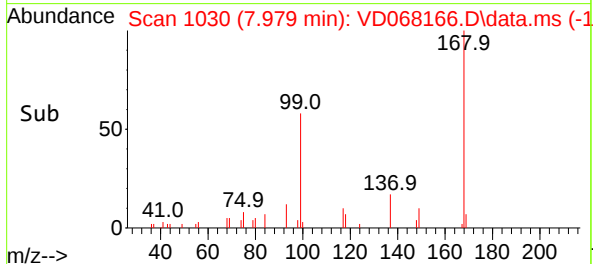
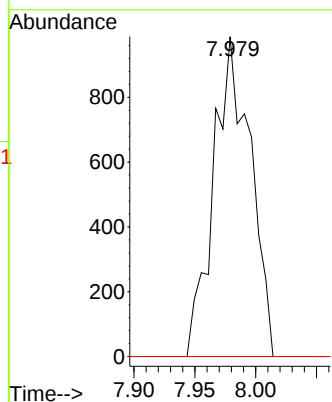


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Instrument :
MSVOA_D
ClientSampled :

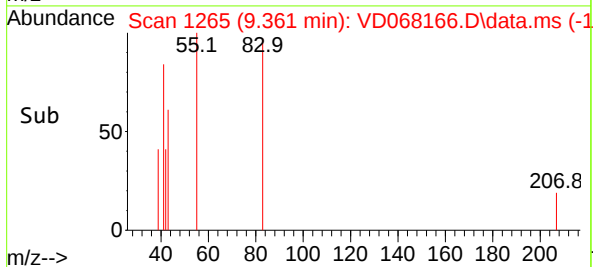
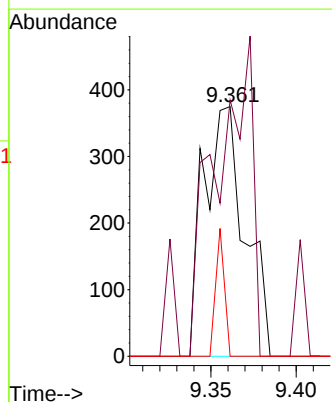
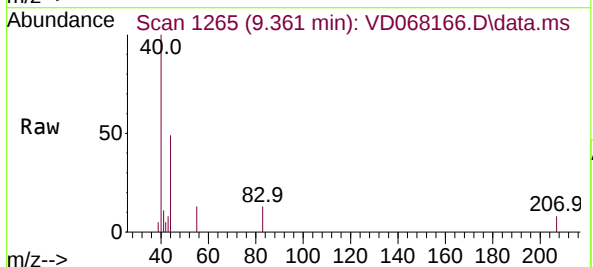


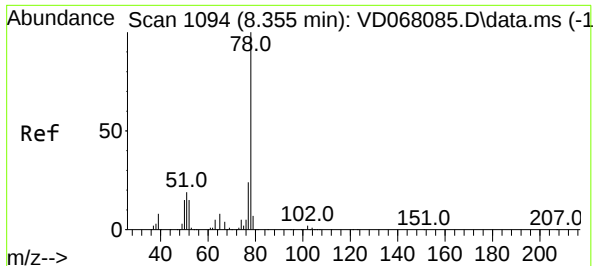
Tgt Ion:117 Resp: 2083
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 1.23 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 83 Resp: 631
Ion Ratio Lower Upper
83 100
55 102.7 55.2 82.8#
98 0.0 39.1 58.7#

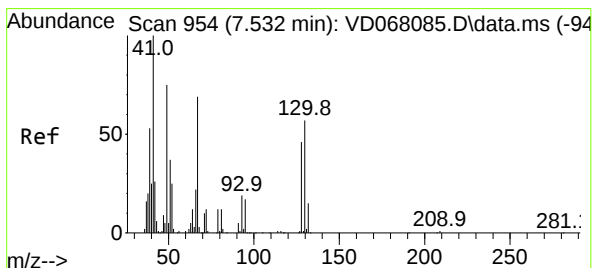
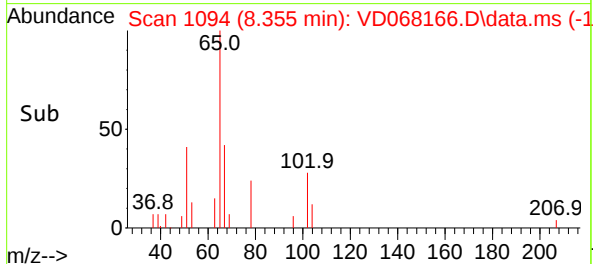
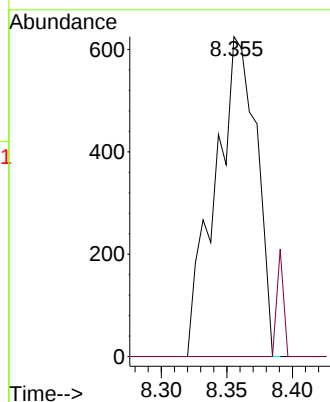
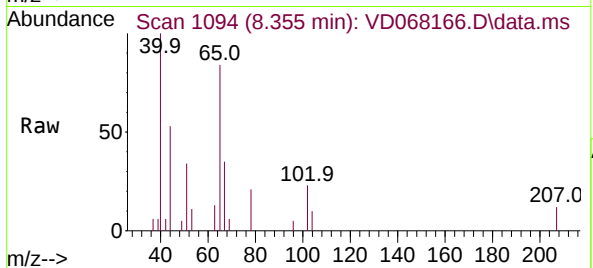




#40
Benzene
Concen: 1.25 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

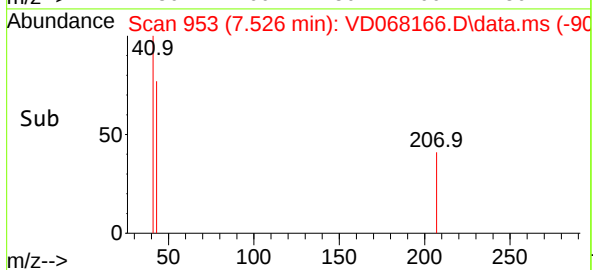
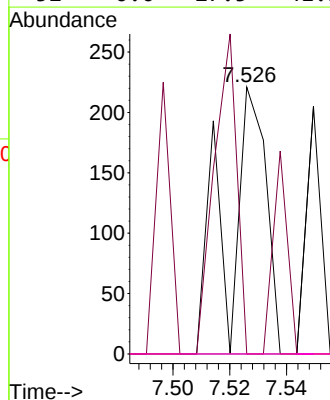
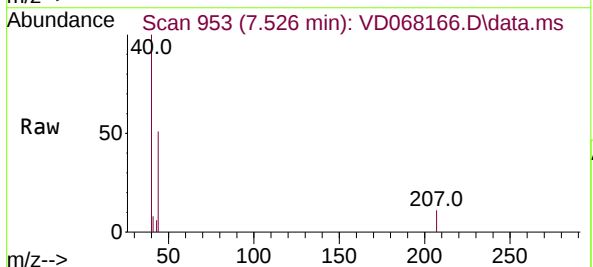
Instrument :
MSVOA_D
ClientSampled :

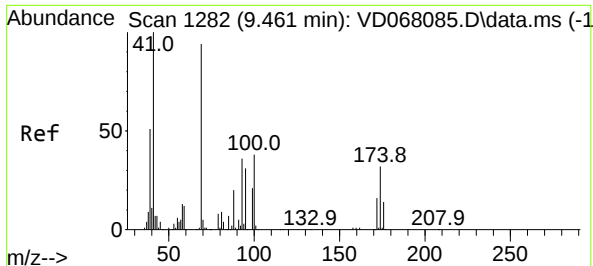
Tgt Ion: 78 Resp: 1367
Ion Ratio Lower Upper
78 100
77 0.0 17.8 26.6#



#41
Methacrylonitrile
Concen: 2.50 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 41 Resp: 209
Ion Ratio Lower Upper
41 100
39 70.8 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#





#48

Methyl methacrylate

Concen: 1.09 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.012 min

Lab File: VD068166.D

Acq: 25 Jan 2021 13:40

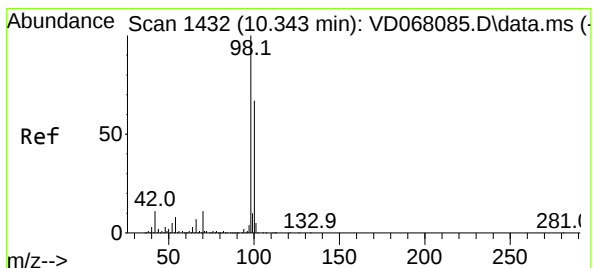
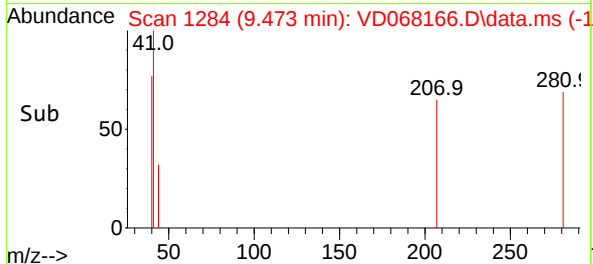
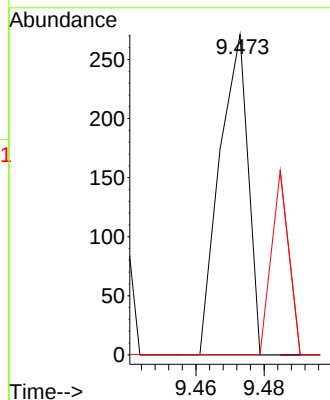
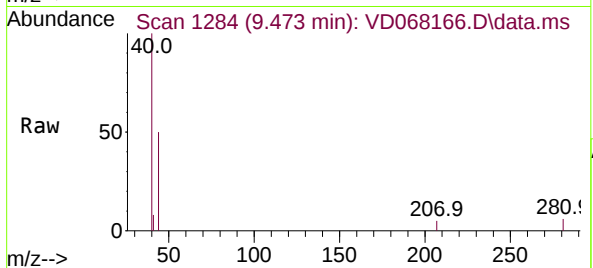
Tgt Ion: 41 Resp: 157

Ion Ratio Lower Upper

41 100

69 0.0 77.1 115.7#

39 35.0 41.5 62.3#



#50

Toluene-d8

Concen: 53.77 ug/l

RT: 10.343 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068166.D

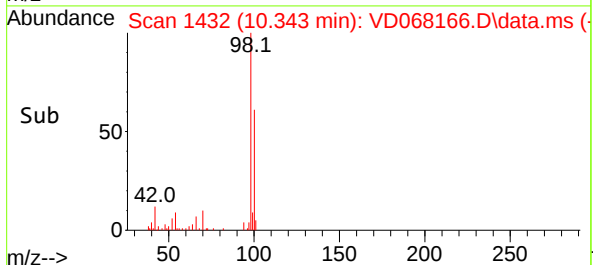
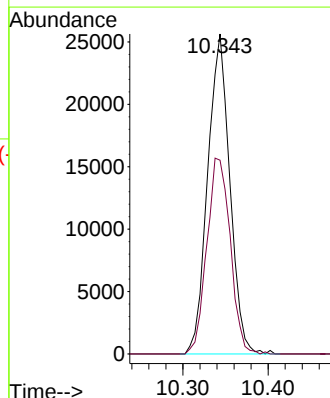
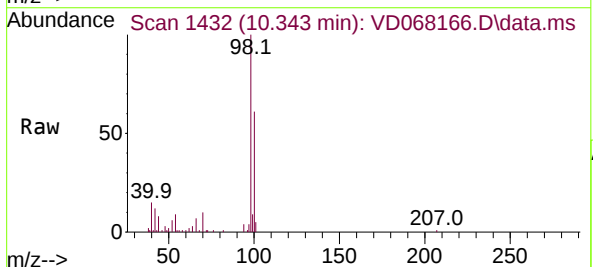
Acq: 25 Jan 2021 13:40

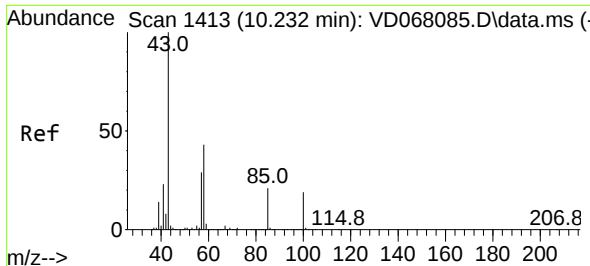
Tgt Ion: 98 Resp: 46265

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4

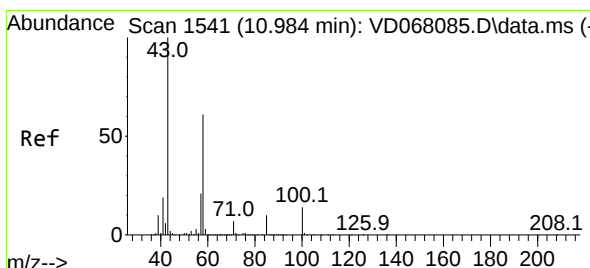
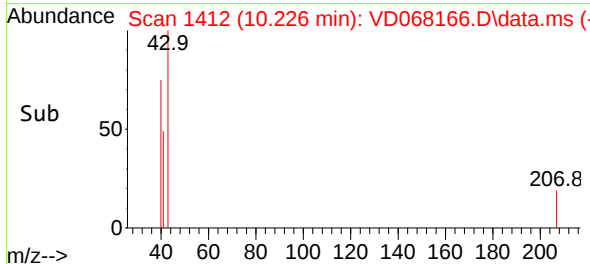
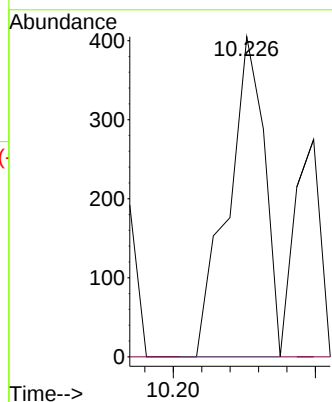
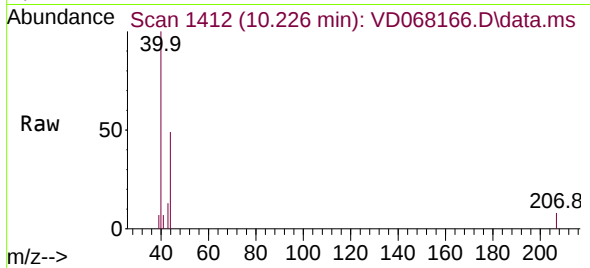




#51
4-Methyl-2-Pentanone
Concen: 2.68 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

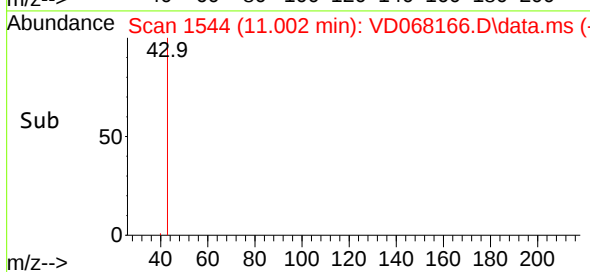
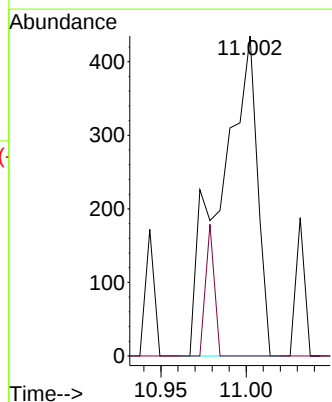
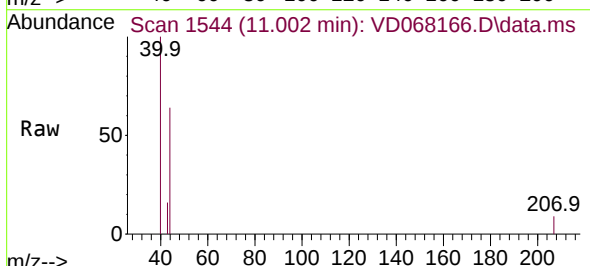
Instrument :
MSVOA_D
ClientSampled :

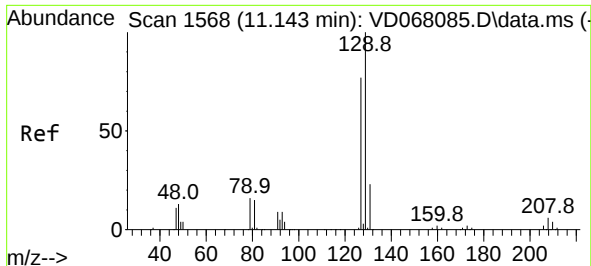
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 36.1 54.1#



#59
2-Hexanone
Concen: 7.02 ug/l
RT: 11.002 min Scan# 1544
Delta R.T. 0.018 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 0.0 31.0 93.0#

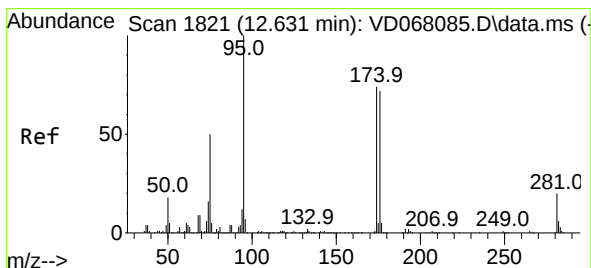
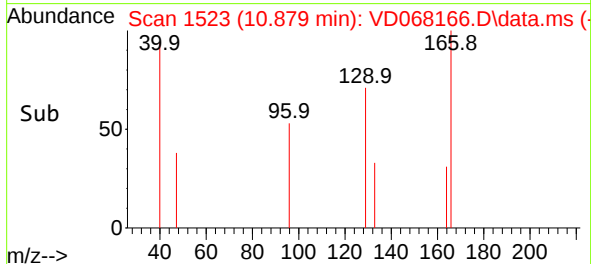
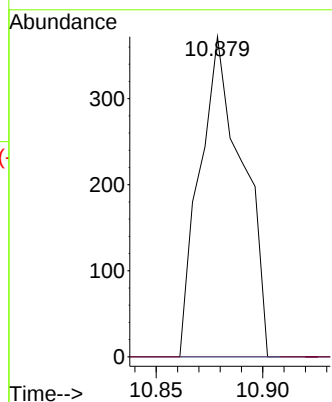
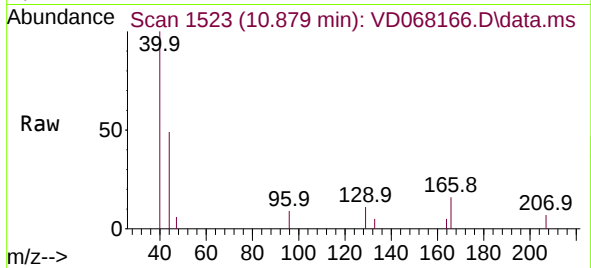




#60
Dibromochloromethane
Concen: 2.15 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.265 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

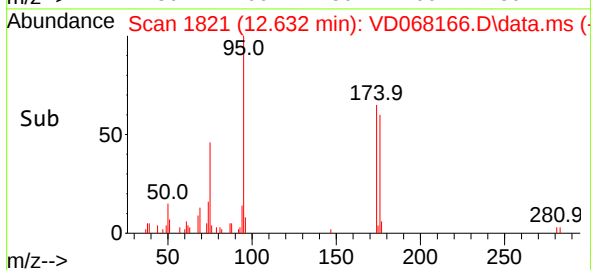
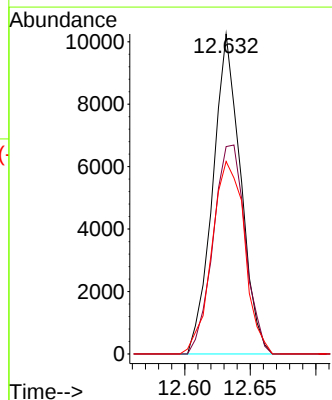
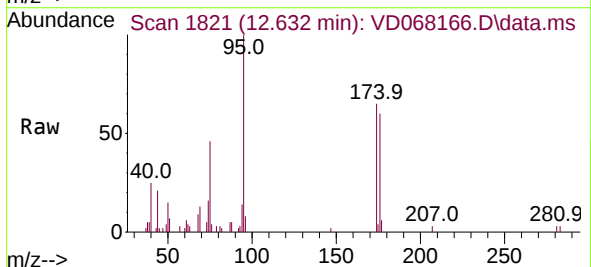
Instrument :
MSVOA_D
ClientSampleId :

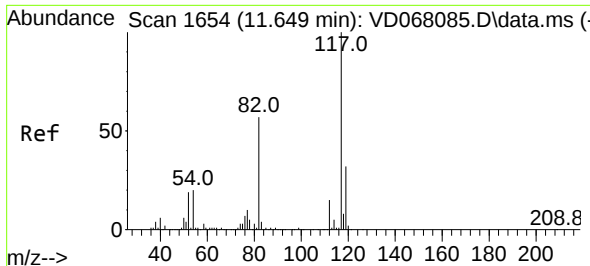
Tgt Ion:129 Resp: 520
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 95 Resp: 15158
Ion Ratio Lower Upper
95 100
174 75.0 0.0 172.4
176 70.5 0.0 168.4

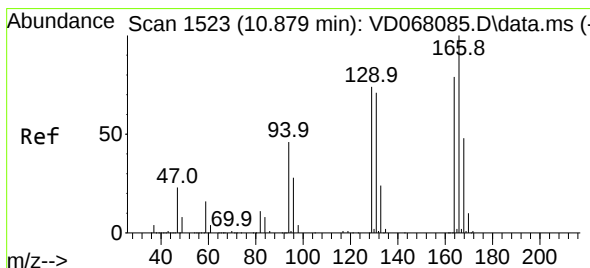
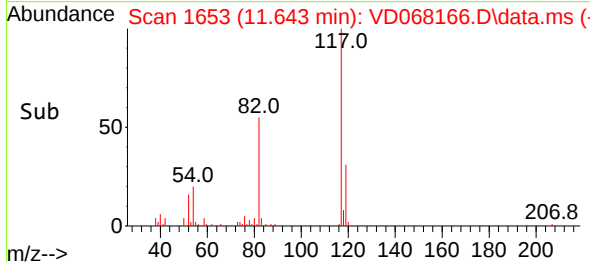
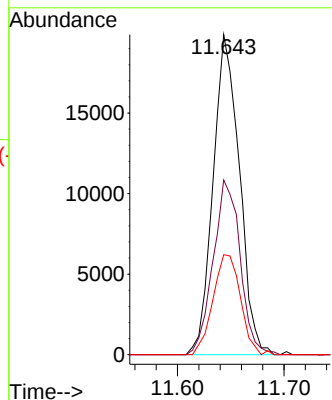
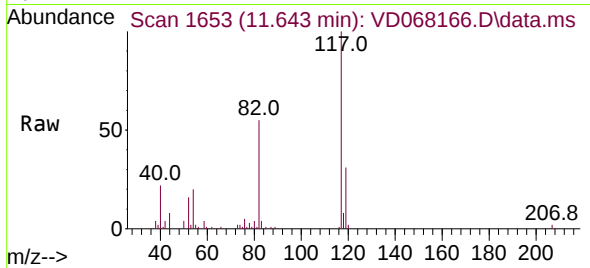




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

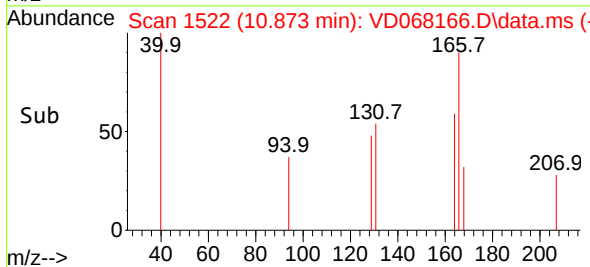
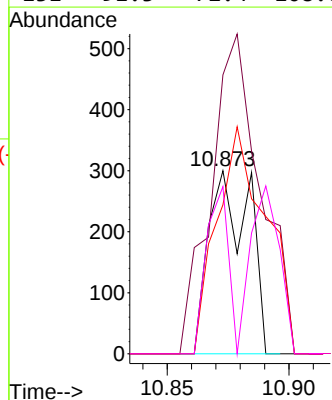
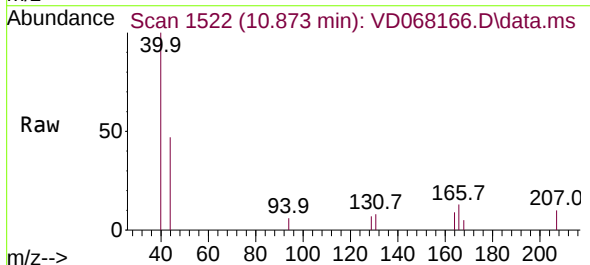
Instrument :
MSVOA_D
ClientSampleId :

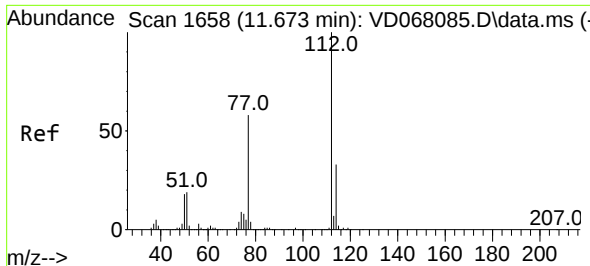
Tgt Ion:	117	Resp:	34033
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.4	62.0
119	31.2	26.1	39.1



#64
Tetrachloroethene
Concen: 1.43 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:	164	Resp:	343
Ion	Ratio	Lower	Upper
164	100		
166	152.3	105.5	158.3
129	81.3	75.6	113.4
131	91.3	72.4	108.6

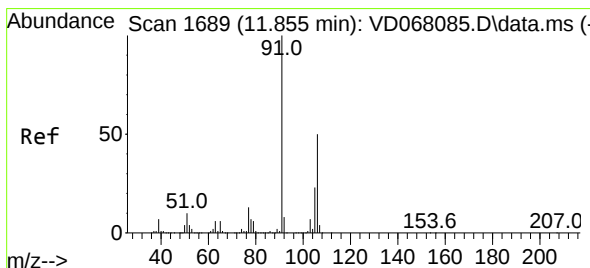
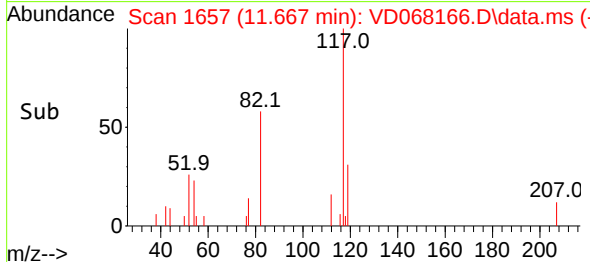
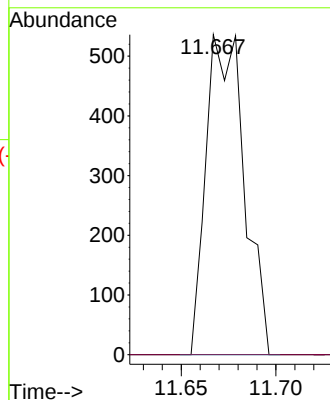
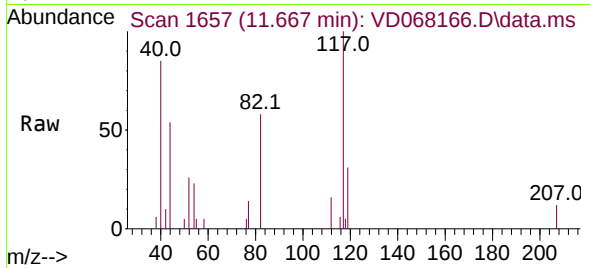




#65
Chlorobenzene
Concen: 1.04 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

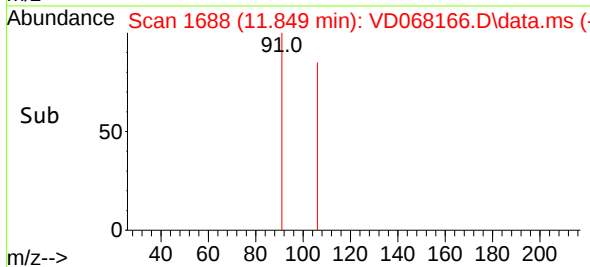
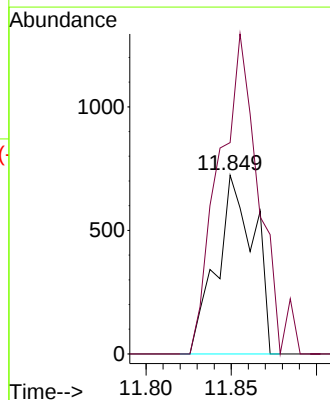
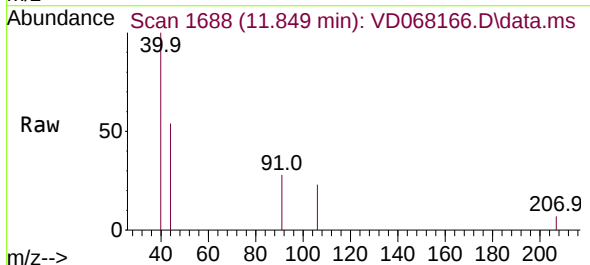
Instrument :
MSVOA_D
ClientSampled :

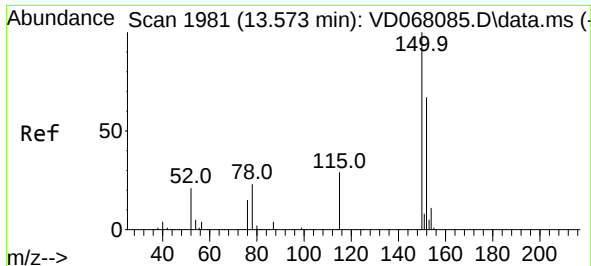
Tgt Ion:112 Resp: 752
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#68
m/p-Xylenes
Concen: 2.19 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:106 Resp: 1105
Ion Ratio Lower Upper
106 100
91 191.8 159.1 238.7

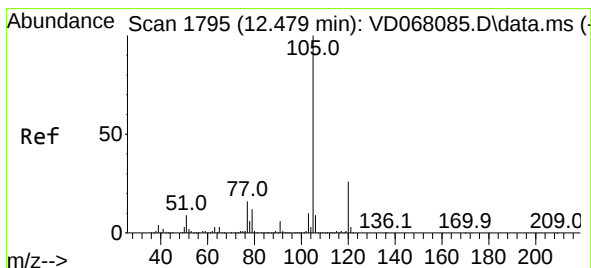
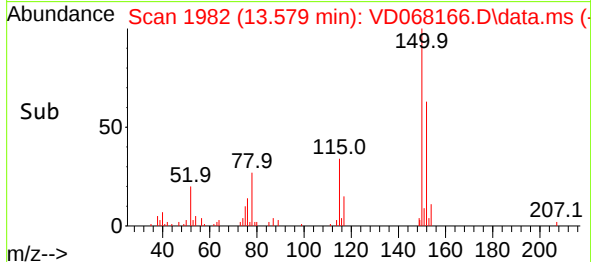
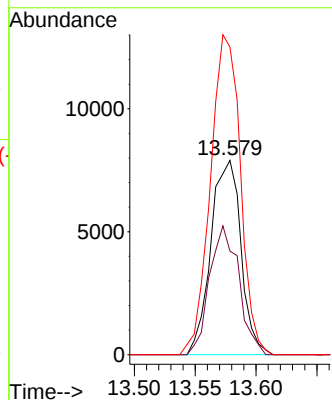
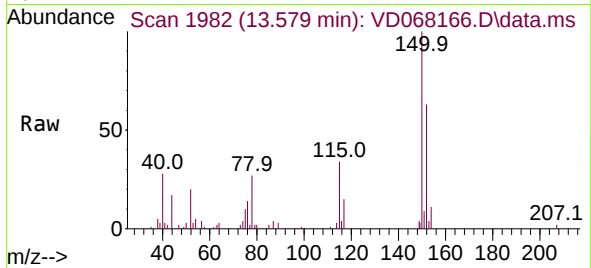




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

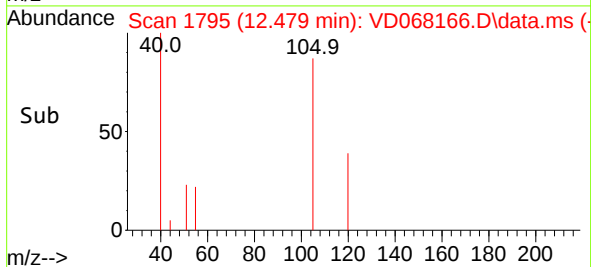
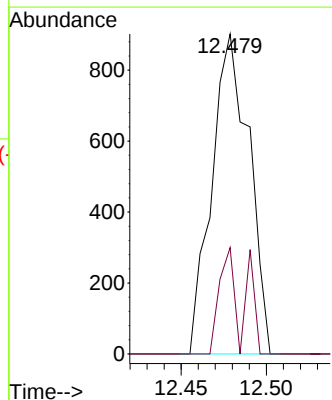
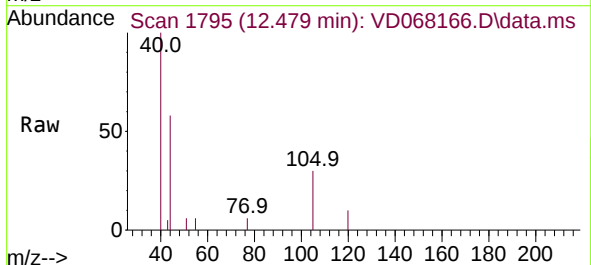
Instrument :
MSVOA_D
ClientSampled :

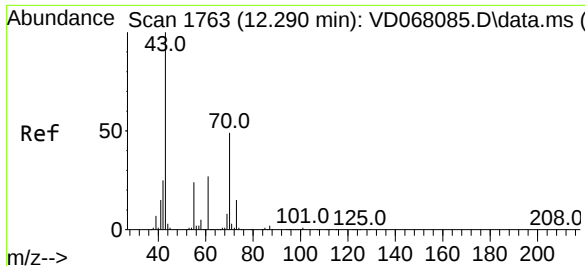
Tgt Ion:152 Resp: 13578
Ion Ratio Lower Upper
152 100
115 64.4 28.9 86.8
150 164.1 0.0 344.4



#73
Isopropylbenzene
Concen: 1.21 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

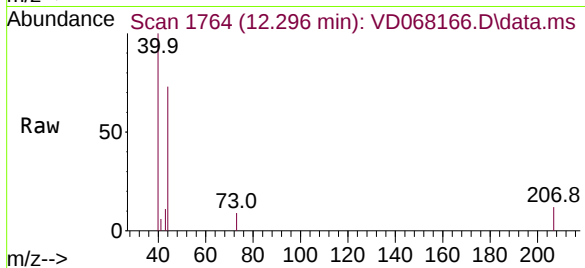
Tgt Ion:105 Resp: 1370
Ion Ratio Lower Upper
105 100
120 20.7 13.2 39.6



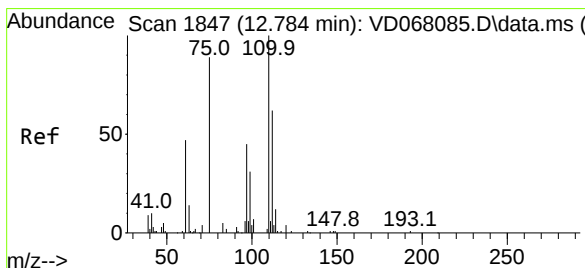
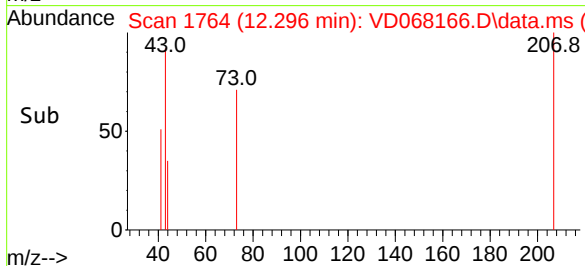
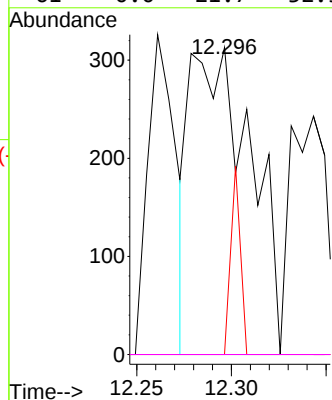


#74
N-amy1 acetate
Concen: 2.96 ug/l
RT: 12.296 min Scan# 1764
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Instrument :
MSVOA_D
ClientSampled :

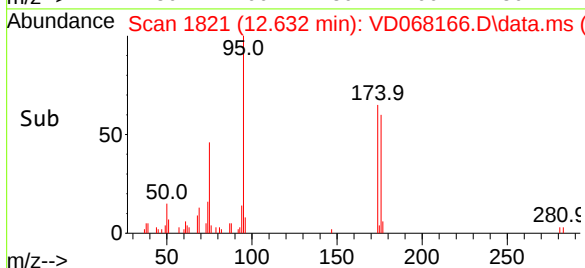
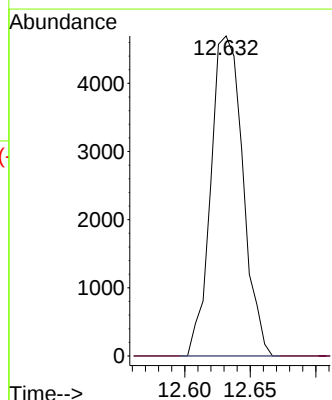
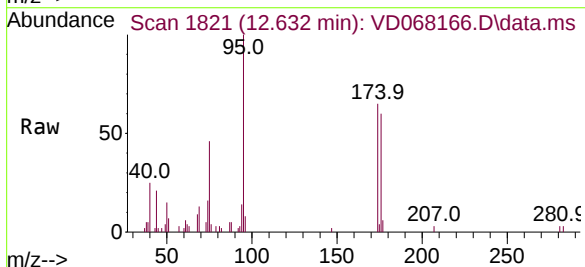


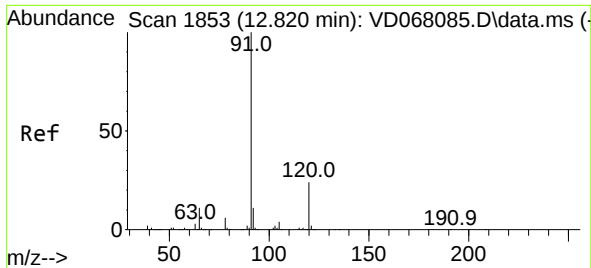
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
70 0.0 41.8 62.8#
55 9.8 24.2 36.4#
61 0.0 21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 60.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 75 Resp: 7986
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

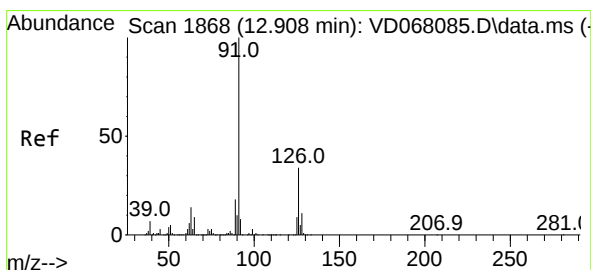
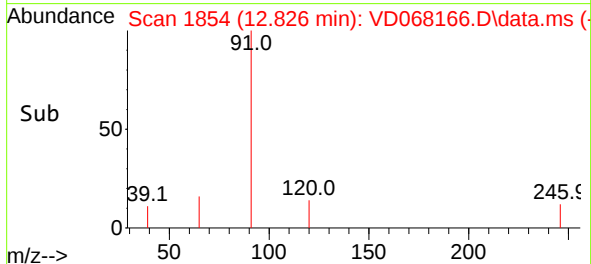
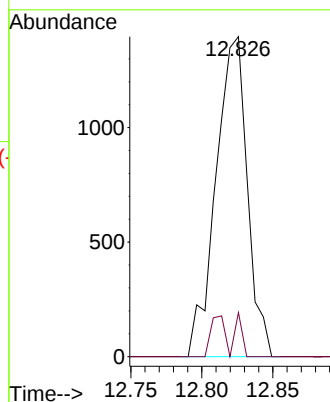
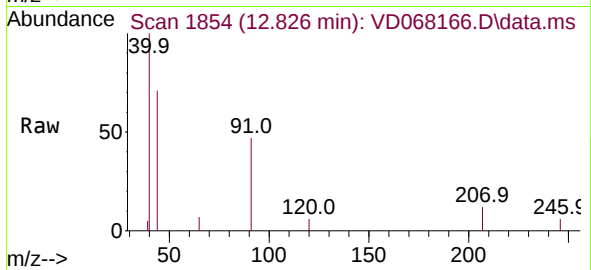




#78
n-propylbenzene
Concen: 1.61 ug/l
RT: 12.826 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

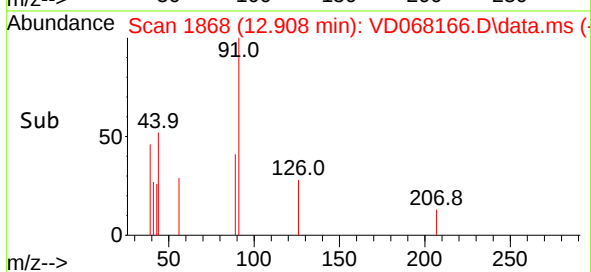
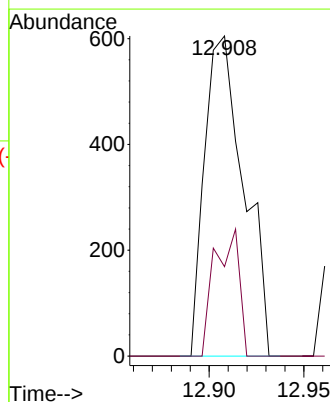
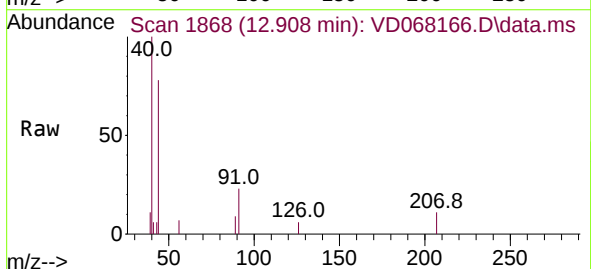
Instrument :
MSVOA_D
ClientSampled :

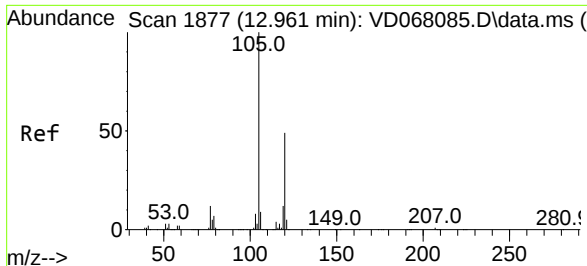
Tgt Ion: 91 Resp: 2154
Ion Ratio Lower Upper
91 100
120 8.9 12.0 36.0#



#79
2-Chlorotoluene
Concen: 1.16 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 91 Resp: 874
Ion Ratio Lower Upper
91 100
126 24.7 17.8 53.5

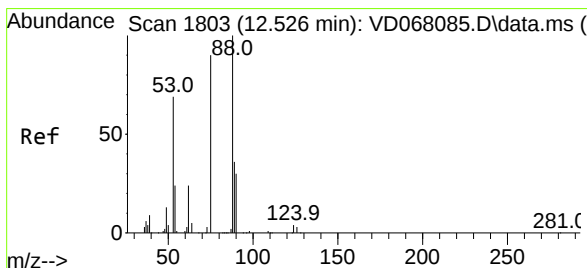
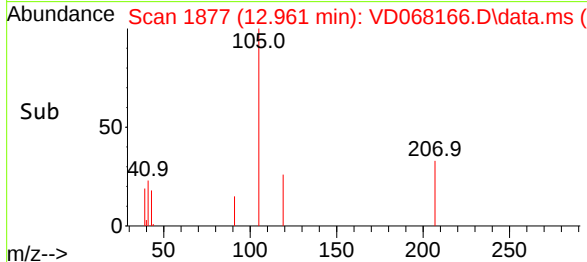
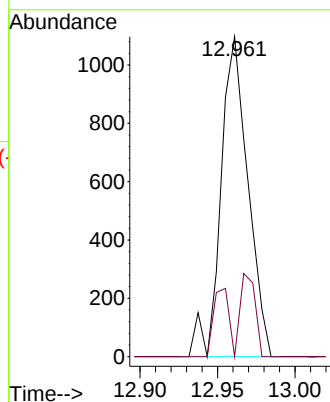
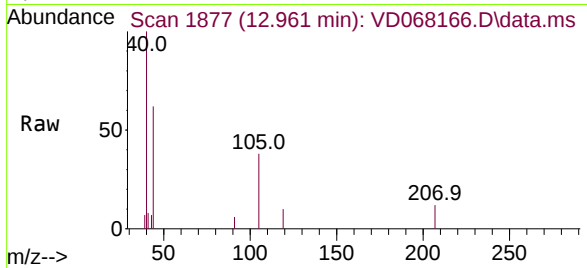




#80
1,3,5-Trimethylbenzene
Concen: 1.42 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

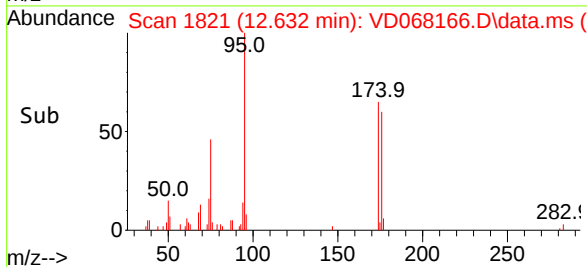
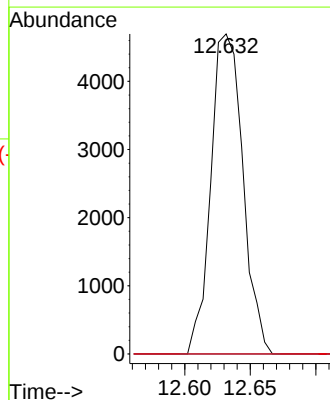
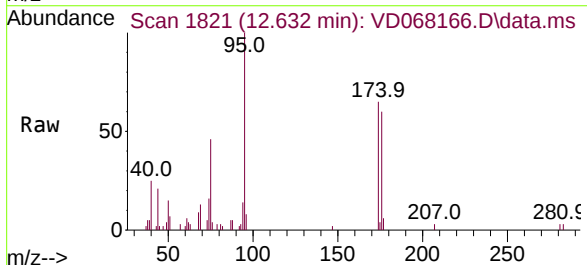
Instrument :
MSVOA_D
ClientSampled :

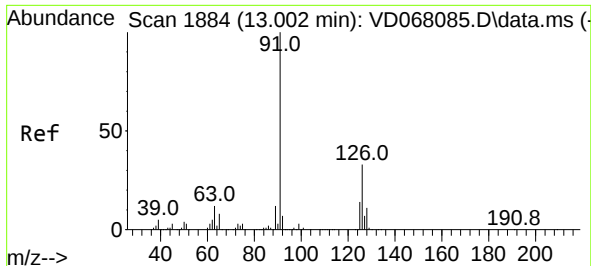
Tgt Ion:105 Resp: 1332
Ion Ratio Lower Upper
105 100
120 14.3 24.2 72.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 75 Resp: 7986
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

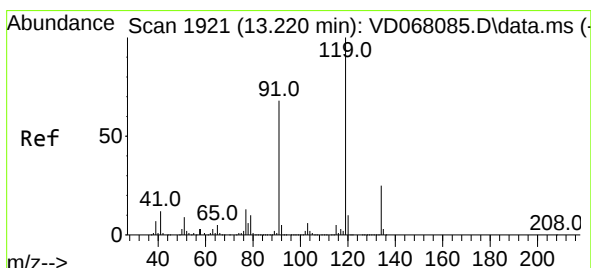
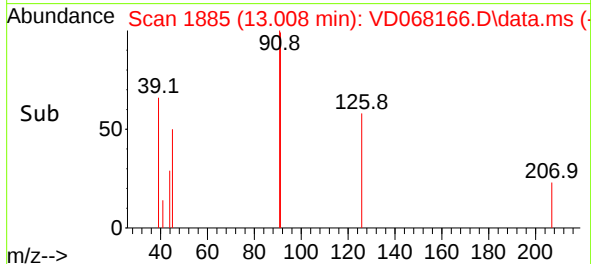
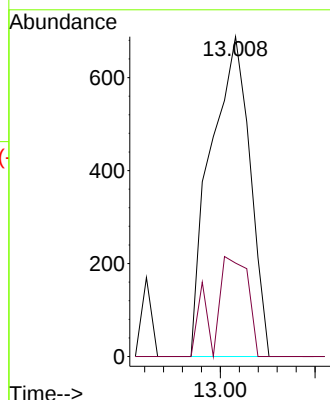
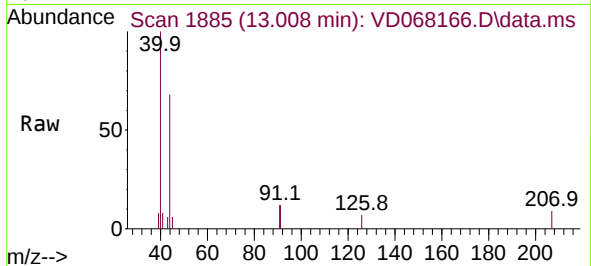




#82
4-Chlorotoluene
Concen: 1.27 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

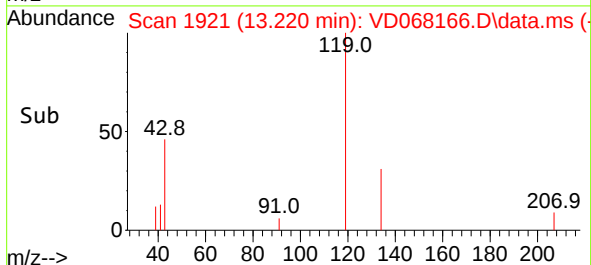
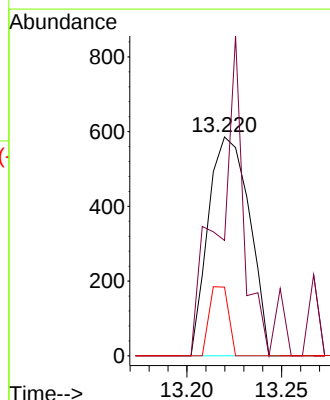
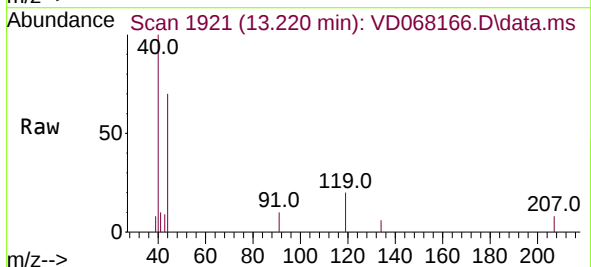
Instrument :
MSVOA_D
ClientSampleId :

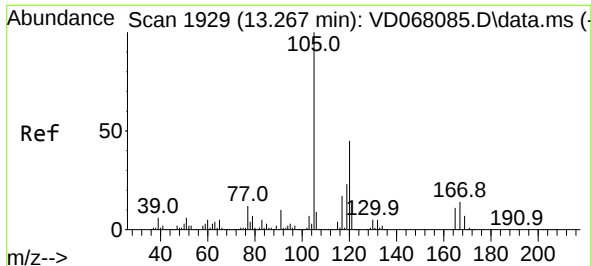
Tgt Ion: 91 Resp: 990
Ion Ratio Lower Upper
91 100
126 27.3 17.7 53.1



#83
tert-Butylbenzene
Concen: 1.11 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 119 Resp: 886
Ion Ratio Lower Upper
119 100
91 93.7 31.1 93.5#
134 14.7 13.3 39.8

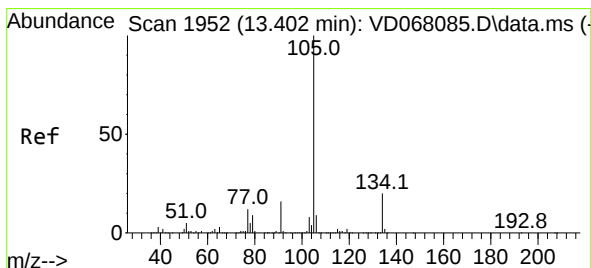
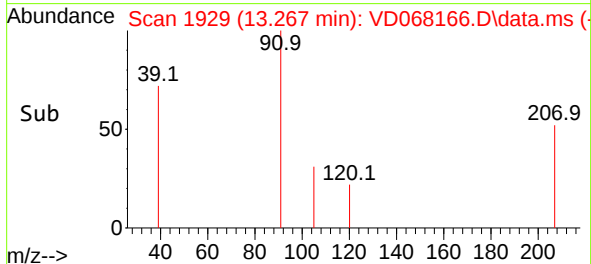
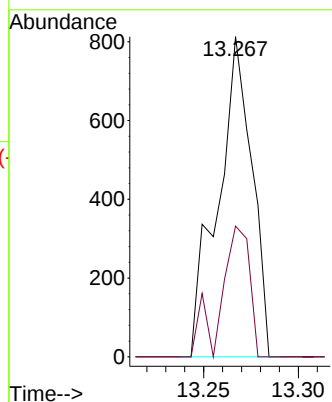
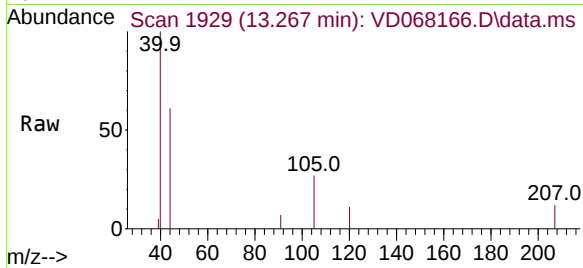




#84
1,2,4-Trimethylbenzene
Concen: 1.09 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

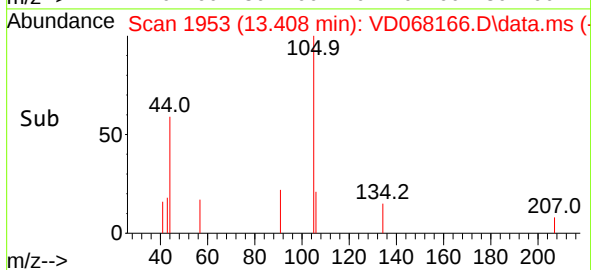
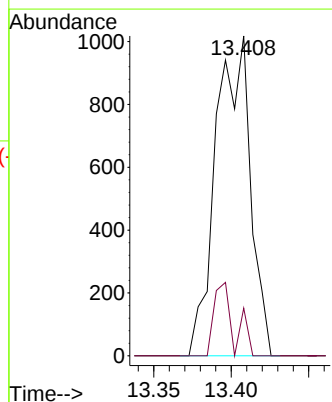
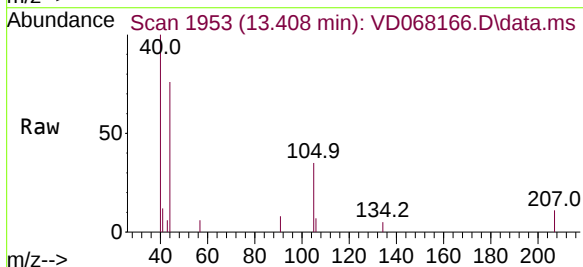
Instrument :
MSVOA_D
ClientSampled :

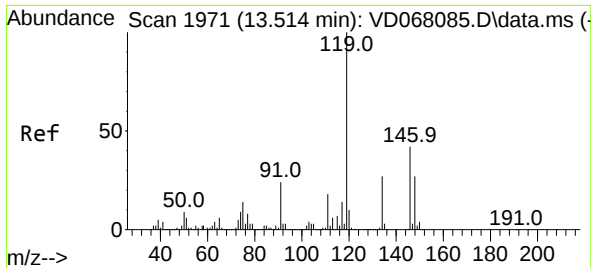
Tgt Ion:105 Resp: 1017
Ion Ratio Lower Upper
105 100
120 34.3 22.4 67.0



#85
sec-Butylbenzene
Concen: 1.41 ug/l
RT: 13.408 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:105 Resp: 1578
Ion Ratio Lower Upper
105 100
134 13.3 10.3 30.9

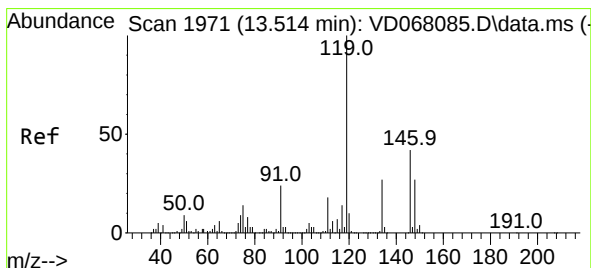
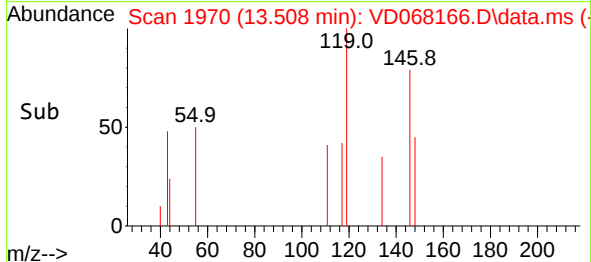
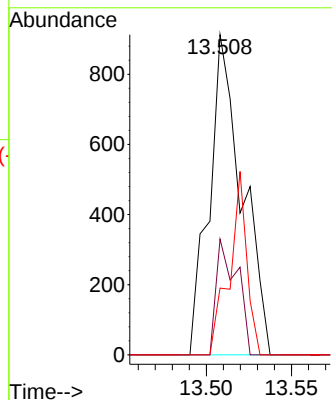
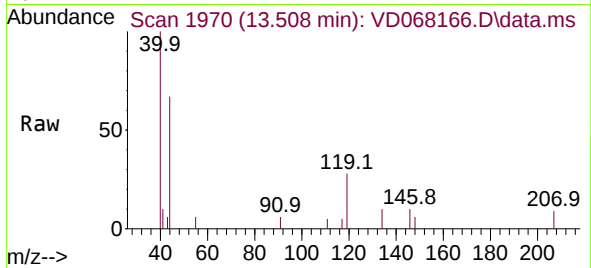




#86
p-Isopropyltoluene
Concen: 1.21 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

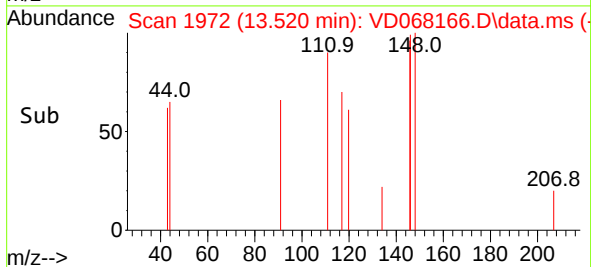
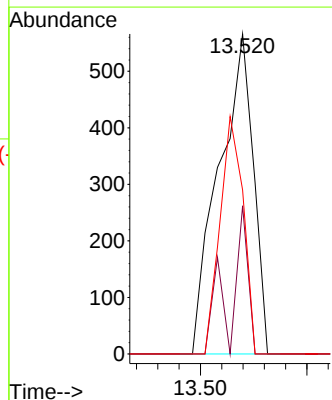
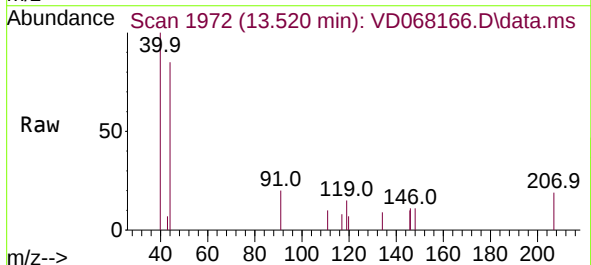
Instrument :
MSVOA_D
ClientSampled :

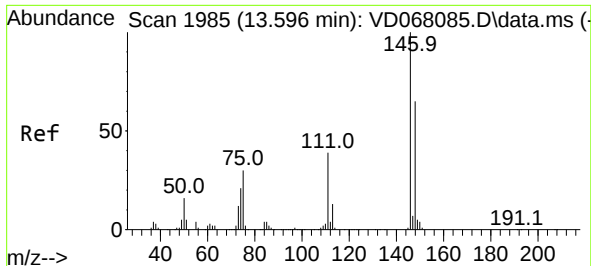
Tgt Ion:	119	Resp:	1223
Ion	Ratio	Lower	Upper
119	100		
134	22.9	12.9	38.7
91	30.4	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 1.36 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:	146	Resp:	633
Ion	Ratio	Lower	Upper
146	100		
111	24.2	19.5	58.5
148	50.1	31.6	95.0

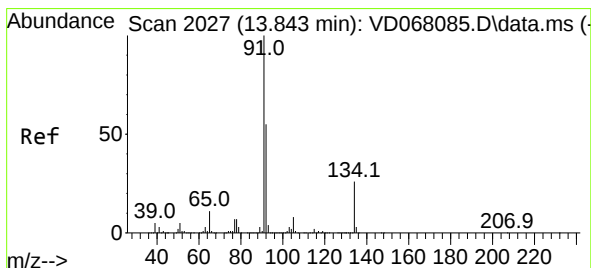
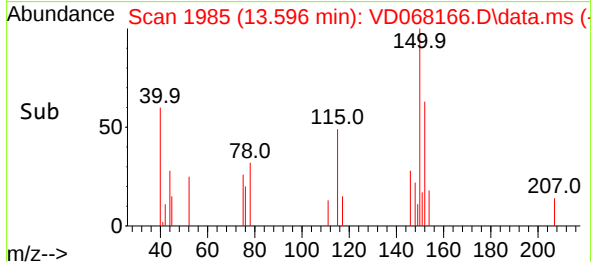
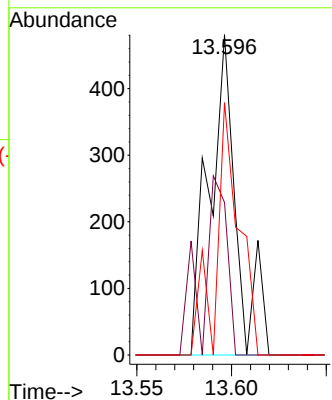
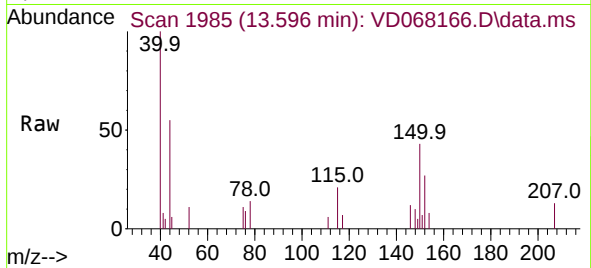




#88
1,4-Dichlorobenzene
Concen: 1.05 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

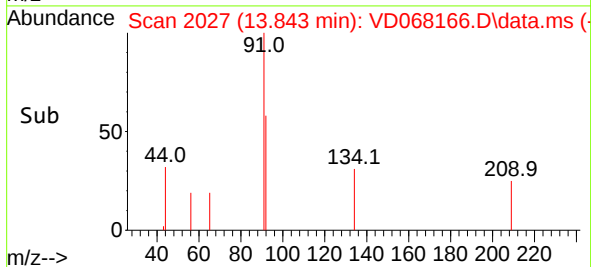
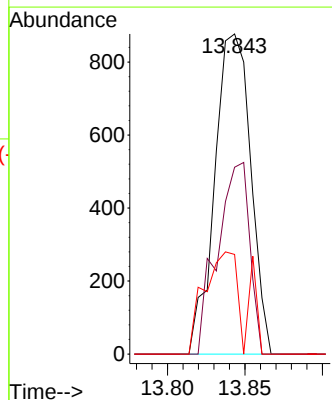
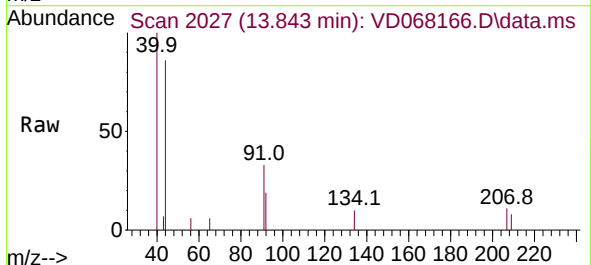
Instrument :
MSVOA_D
ClientSampleId :

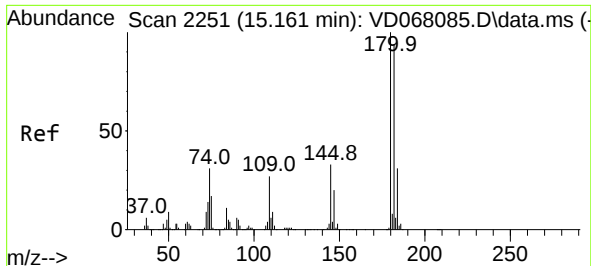
Tgt Ion:146 Resp: 483
Ion Ratio Lower Upper
146 100
111 48.9 19.1 57.1
148 66.3 31.9 95.7



#89
n-Butylbenzene
Concen: 1.46 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion: 91 Resp: 1417
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 35.5 13.9 41.7

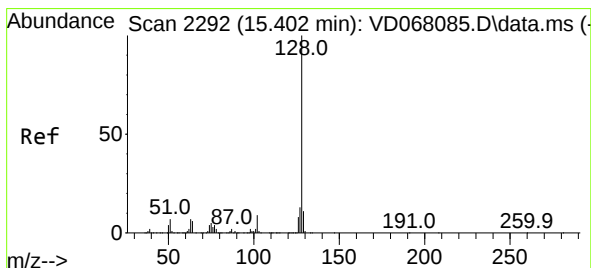
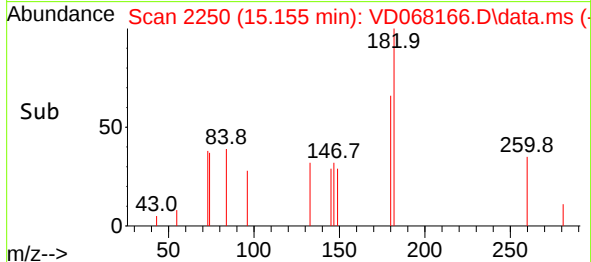
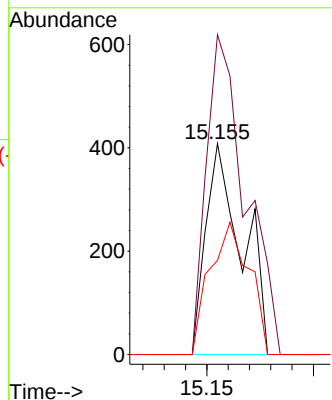
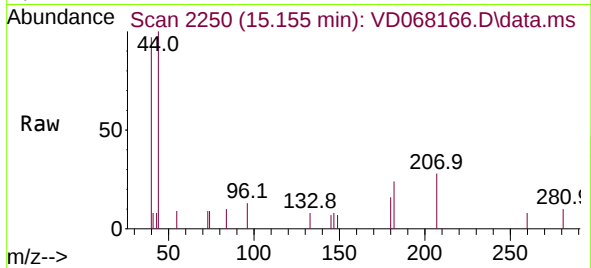




#93
1,2,4-Trichlorobenzene
Concen: 1.76 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

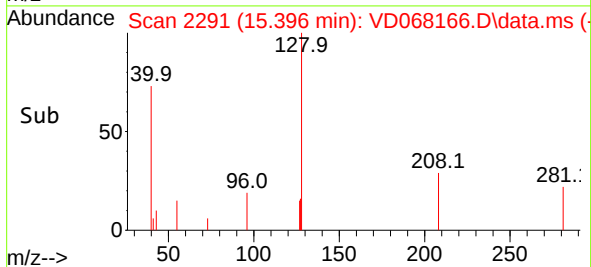
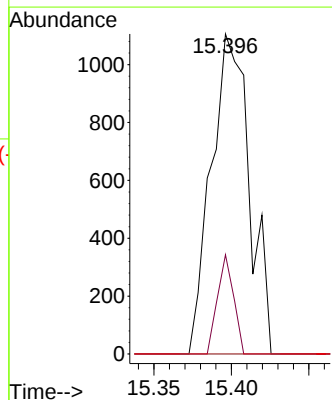
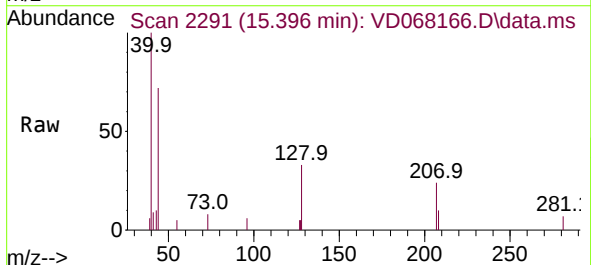
Instrument :
MSVOA_D
ClientSampled :

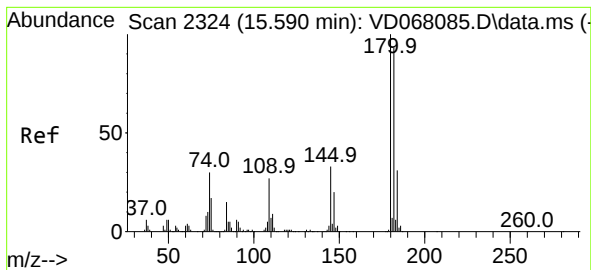
Tgt Ion:180 Resp: 480
Ion Ratio Lower Upper
180 100
182 164.8 46.8 140.4#
145 67.9 15.2 45.5#



#95
Naphthalene
Concen: 3.69 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068166.D
Acq: 25 Jan 2021 13:40

Tgt Ion:128 Resp: 1893
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.97 ug/l
 RT: 15.590 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: VD068166.D
 Acq: 25 Jan 2021 13:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 684
 Ion Ratio Lower Upper
 180 100
 182 70.9 48.3 144.8
 145 9.1 16.7 50.1#

