

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068810.D
 Acq On : 09 Apr 2021 14:26
 Operator : VA/SY
 Sample : M1979-17RE
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-17

Quant Time: Apr 10 00:42:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

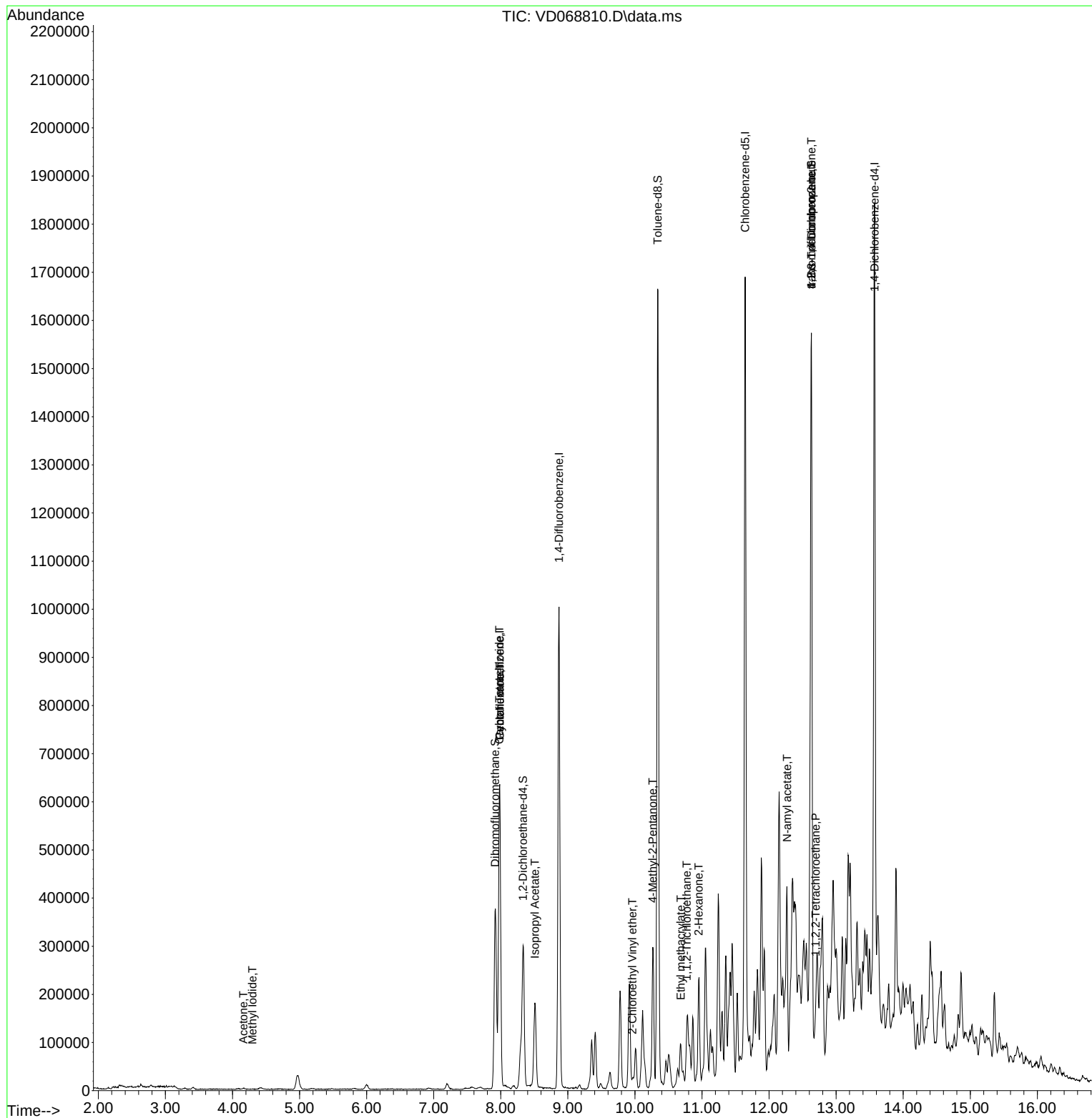
Internal Standards						
1) Pentafluorobenzene	7.985	168	493195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	910770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	984340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	495798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	236576	45.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.78%		
35) Dibromofluoromethane	7.914	113	279211	47.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.26%		
50) Toluene-d8	10.338	98	1166116	52.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.36%		
62) 4-Bromofluorobenzene	12.632	95	473710	63.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	127.64%		
Target Compounds					Qvalue	
10) Methyl Iodide	4.297	142	1351	2.46	ug/l #	50
11) Tert butyl alcohol	5.226	59	520	Below Cal	#	73
16) Acetone	4.162	43	3521	4.88	ug/l #	67
20) Methylene Chloride	4.967	84	26557	Below Cal	#	82
31) Cyclohexane	7.985	56	11227	1.29	ug/l #	1
38) Carbon Tetrachloride	7.979	117	47400	5.19	ug/l #	17
43) Isopropyl Acetate	8.508	43	29982	5.43	ug/l #	45
51) 4-Methyl-2-Pentanone	10.267	43	32245	11.59	ug/l #	77
55) 1,1,2-Trichloroethane	10.773	97	41650	8.21	ug/l #	26
56) Ethyl methacrylate	10.685	69	8612	1.65	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.961	63	120	17.03	ug/l #	44
59) 2-Hexanone	10.949	43	73190	39.31	ug/l #	25
74) N-amyl acetate	12.267	43	63872	10.40	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.696	83	8815	1.30	ug/l #	26
76) 1,2,3-Trichloropropane	12.632	75	225084	49.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	225084	115.33	ug/l #	16

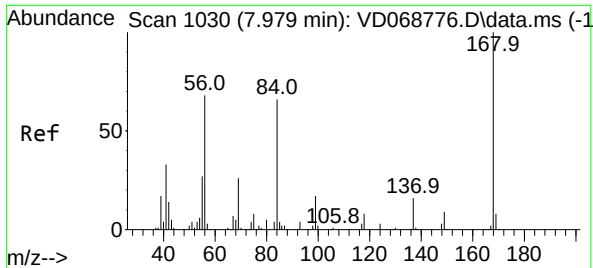
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
Data File : VD068810.D
Acq On : 09 Apr 2021 14:26
Operator : VA/SY
Sample : M1979-17RE
Misc : 4.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-17

Quant Time: Apr 10 00:42:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

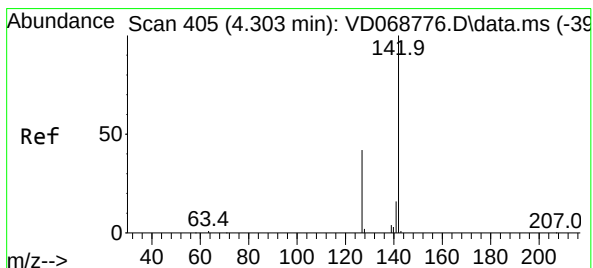
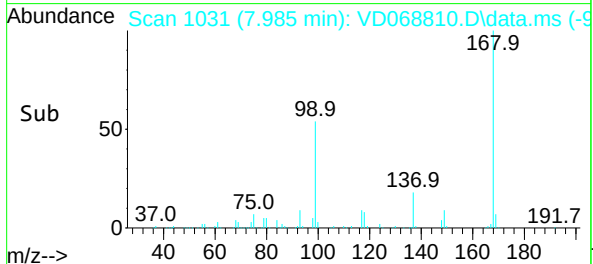
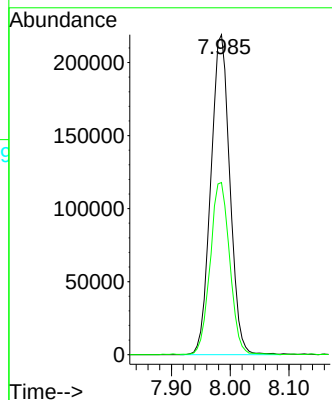
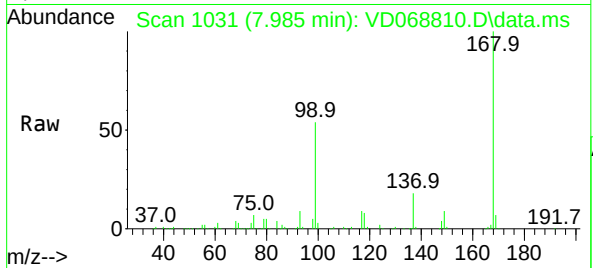




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

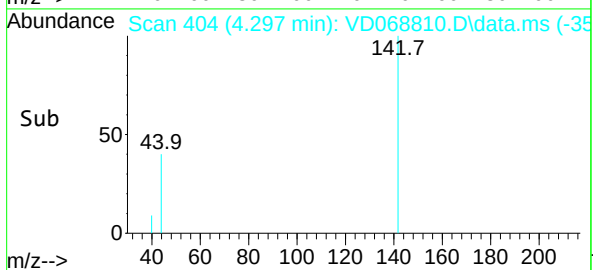
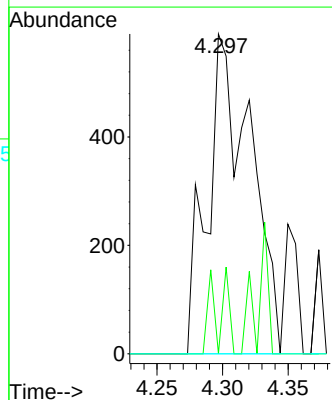
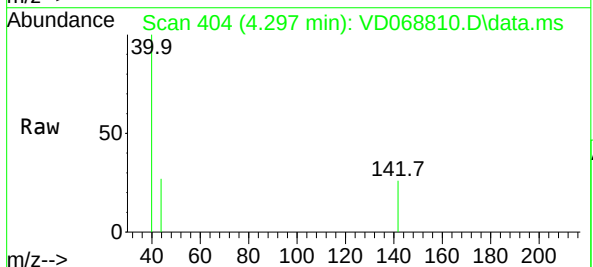
Instrument :
MSVOA_D
ClientSampled :
S-17

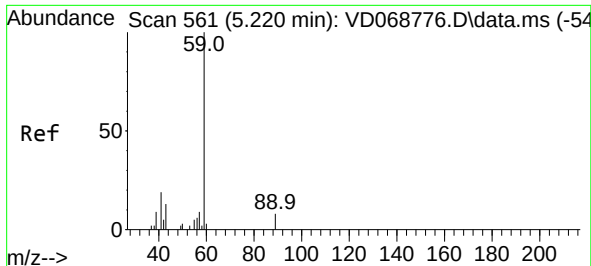
Tgt Ion:168 Resp: 493195
Ion Ratio Lower Upper
168 100
99 53.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.46 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion:142 Resp: 1351
Ion Ratio Lower Upper
142 100
127 8.2 34.7 52.1#
141 0.0 11.0 16.4#



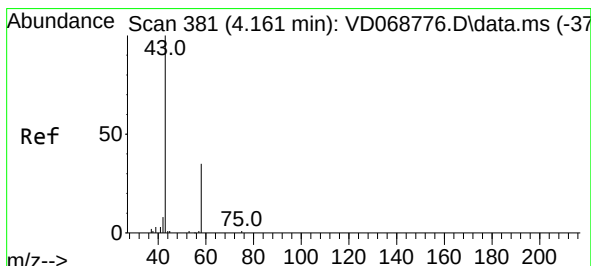
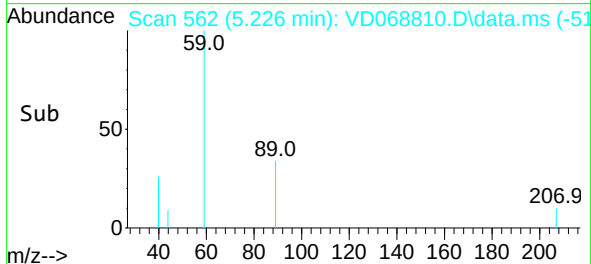
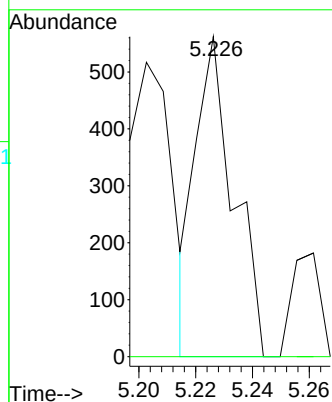
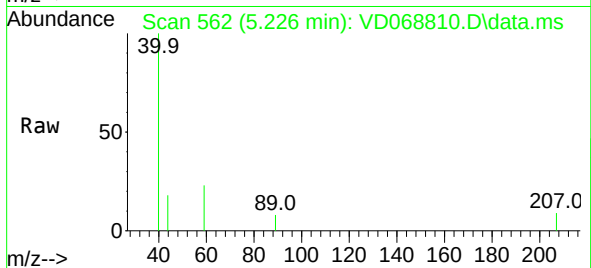


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Instrument :
MSVOA_D
ClientSampleId :
S-17

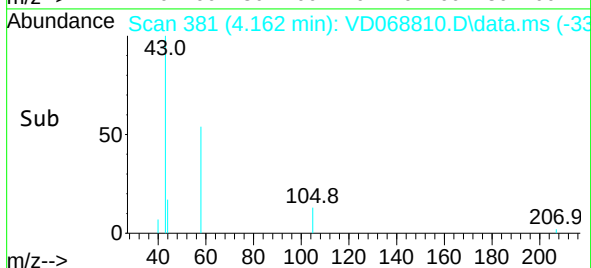
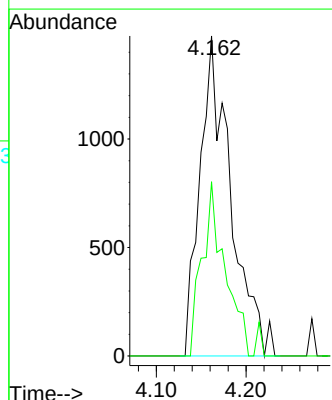
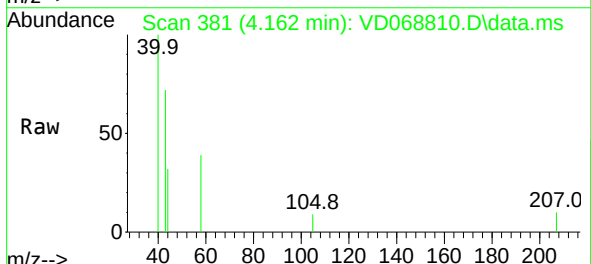
Tgt Ion: 59 Resp: 520
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

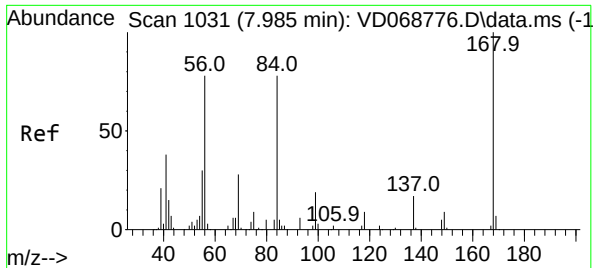


#16

Acetone
Concen: 4.88 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 43 Resp: 3521
Ion Ratio Lower Upper
43 100
58 54.4 28.0 42.0#

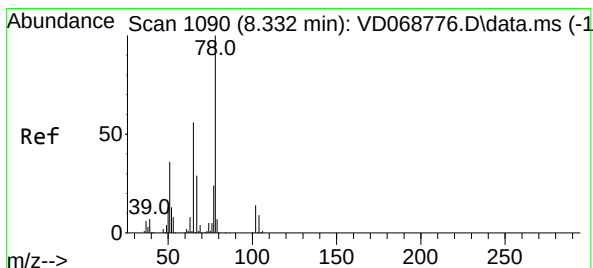
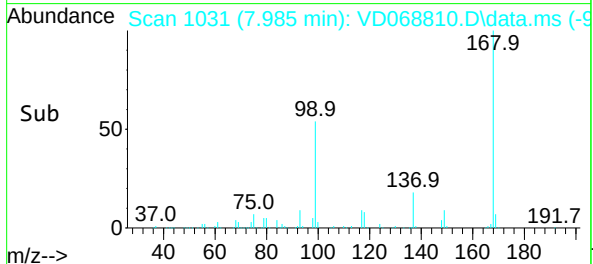
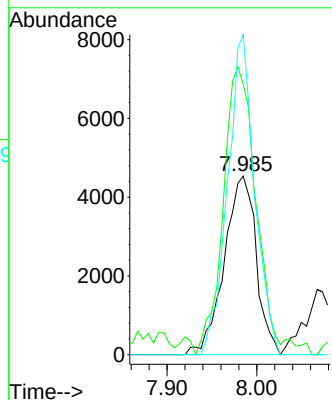
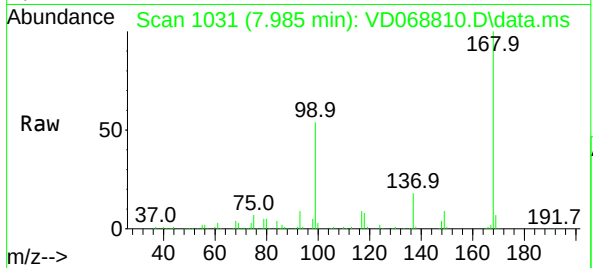




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

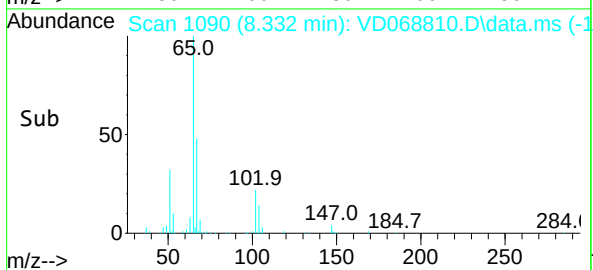
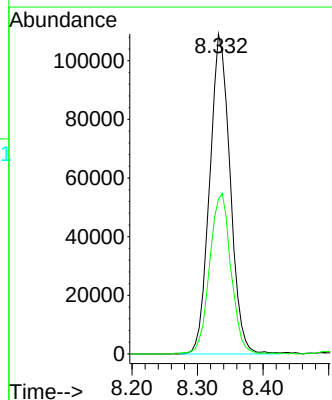
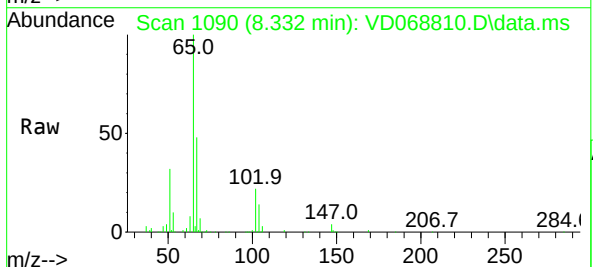
Instrument :
MSVOA_D
ClientSampleId :
S-17

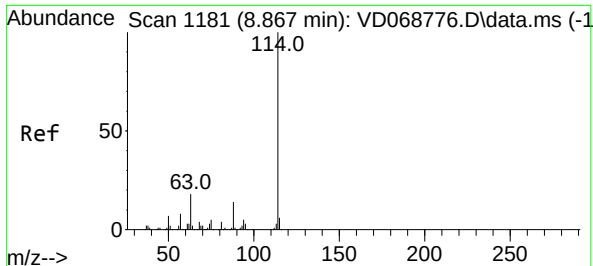
Tgt Ion: 56 Resp: 11227
Ion Ratio Lower Upper
56 100
69 145.7 30.0 45.0#
84 179.1 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 45.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 65 Resp: 236576
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068810.D

Acq: 09 Apr 2021 14:26

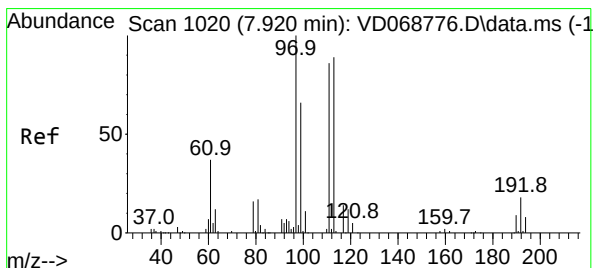
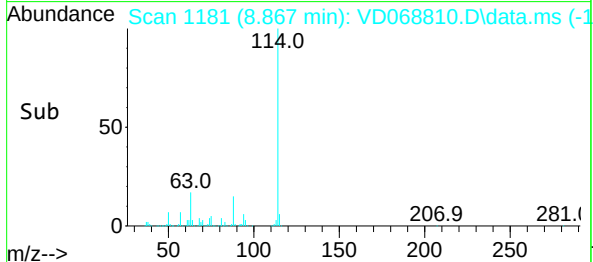
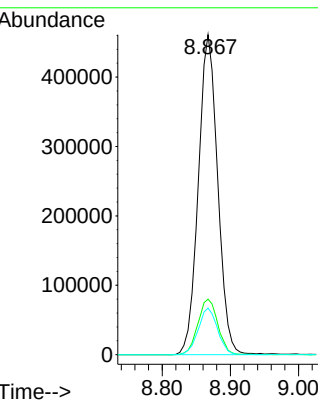
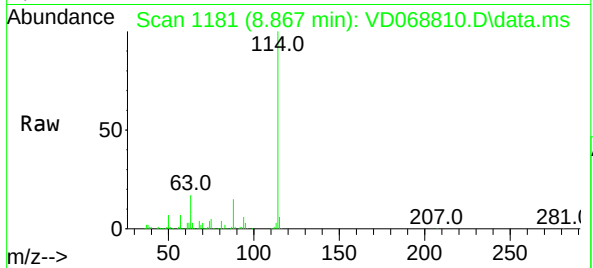
Tgt Ion:114 Resp: 910770

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.2

88 14.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.13 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068810.D

Acq: 09 Apr 2021 14:26

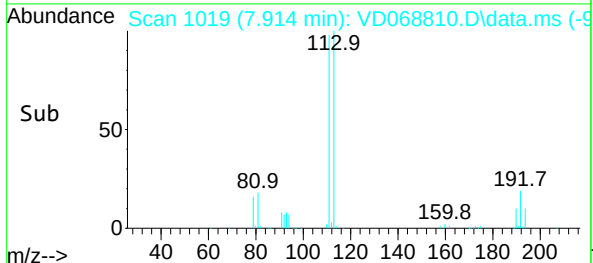
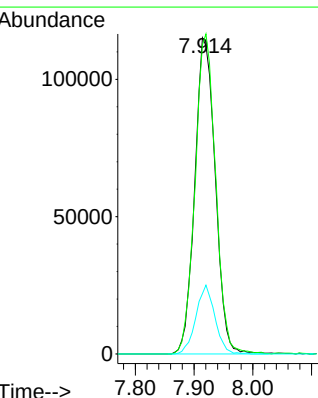
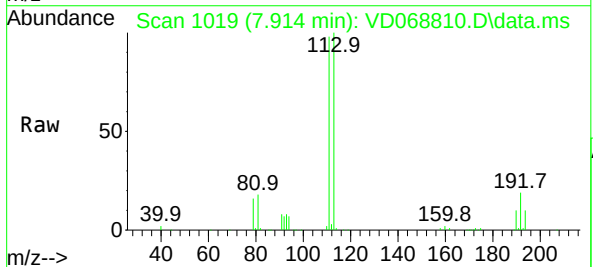
Tgt Ion:113 Resp: 279211

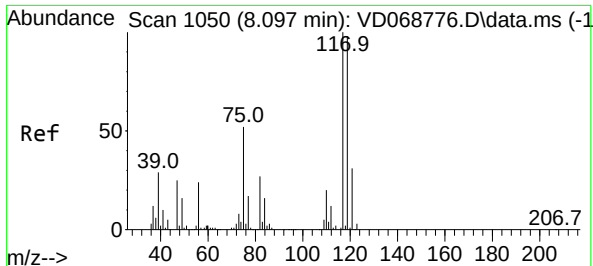
Ion Ratio Lower Upper

113 100

111 101.5 82.5 123.7

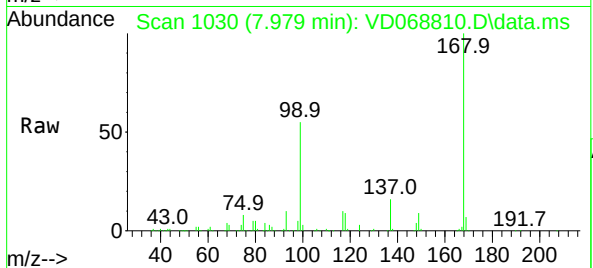
192 20.1 15.1 22.7



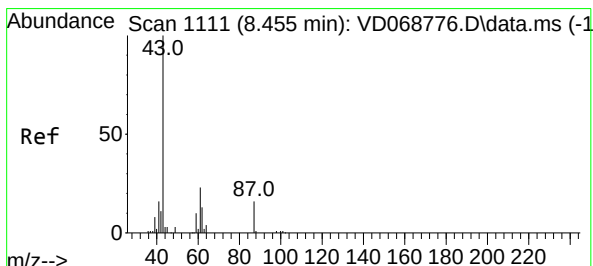
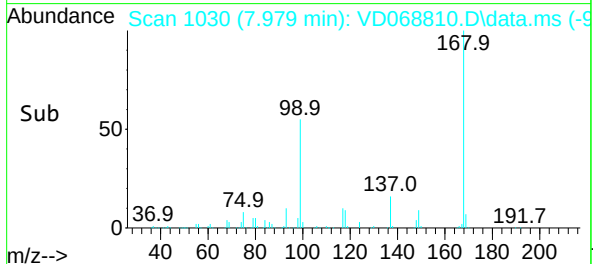
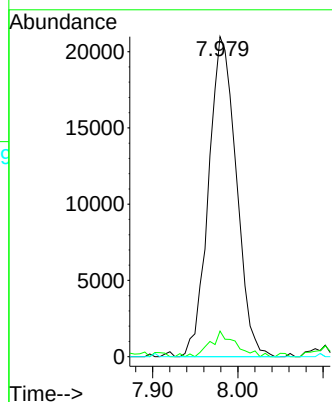


#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Instrument :
MSVOA_D
ClientSampled :
S-17

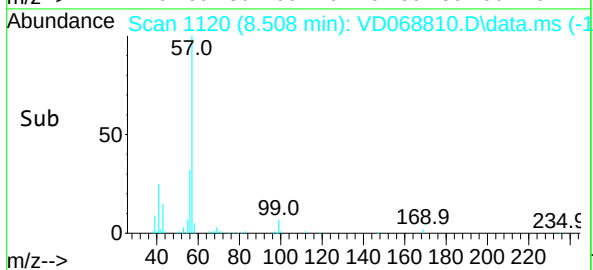
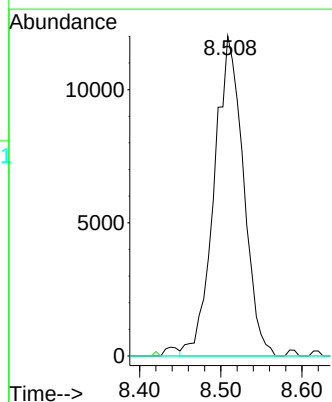
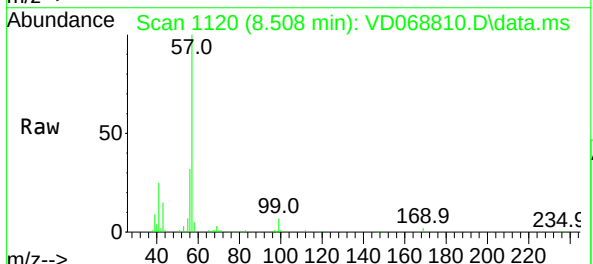


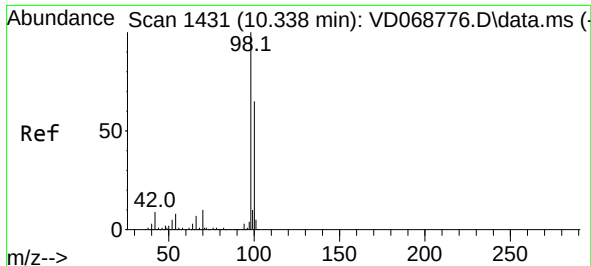
Tgt Ion: 117 Resp: 47400
Ion Ratio Lower Upper
117 100
119 7.1 76.6 115.0#
121 0.0 26.1 39.1#



#43
Isopropyl Acetate
Concen: 5.43 ug/l
RT: 8.508 min Scan# 1120
Delta R.T. 0.053 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 43 Resp: 29982
Ion Ratio Lower Upper
43 100
61 0.0 29.5 44.3#
87 0.0 13.5 20.3#

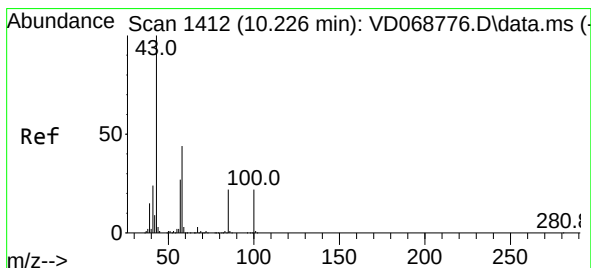
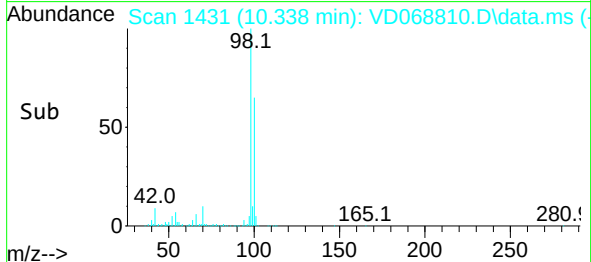
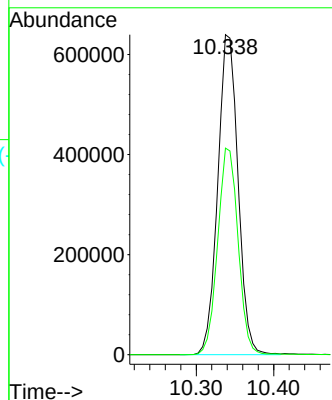
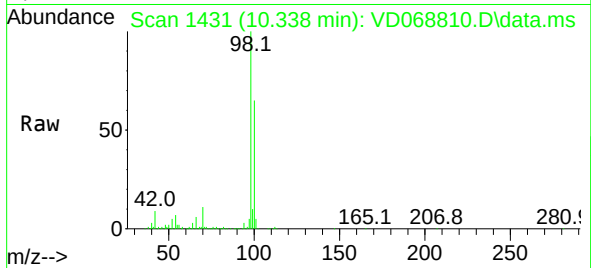




#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

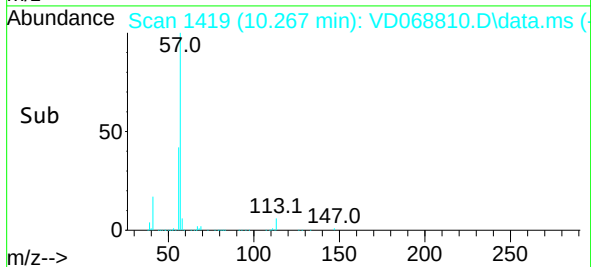
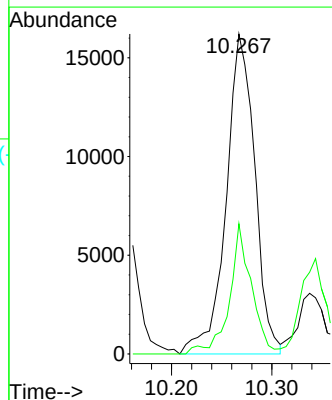
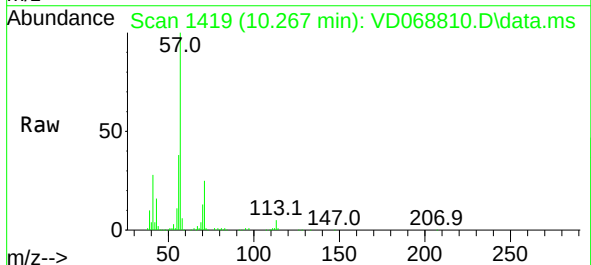
Instrument :
MSVOA_D
ClientSampleId :
S-17

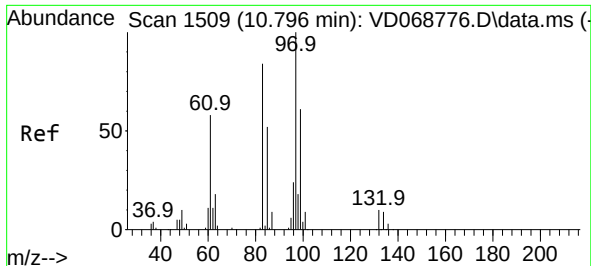
Tgt Ion: 98 Resp: 1166116
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 11.59 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 43 Resp: 32245
Ion Ratio Lower Upper
43 100
58 31.0 37.3 55.9#

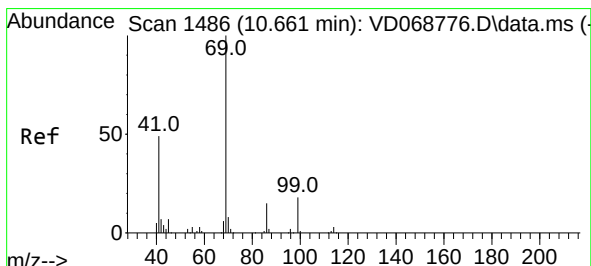
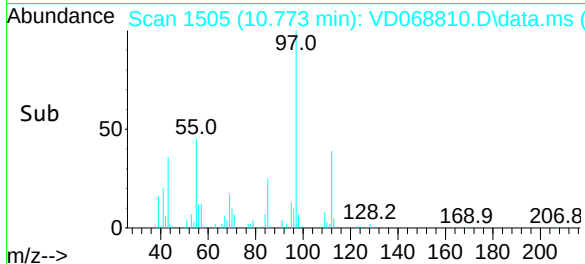
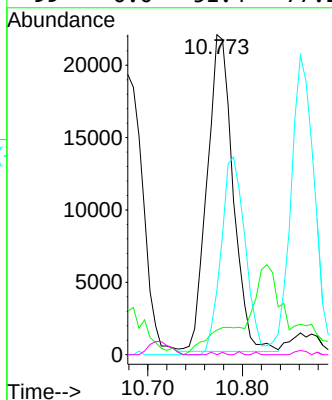
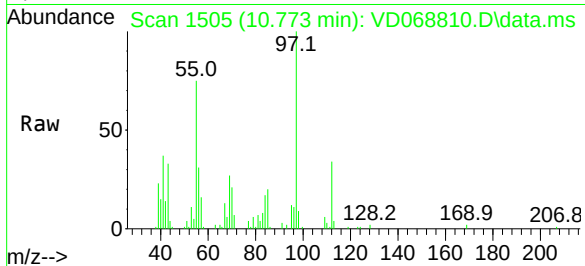




#55
1,1,2-Trichloroethane
Concen: 8.21 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.023 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

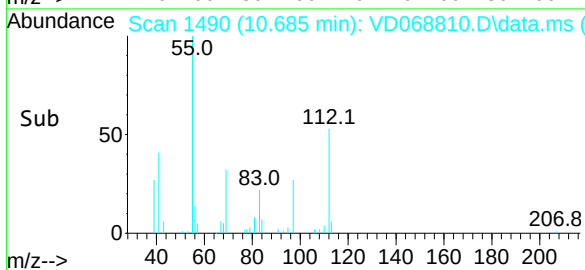
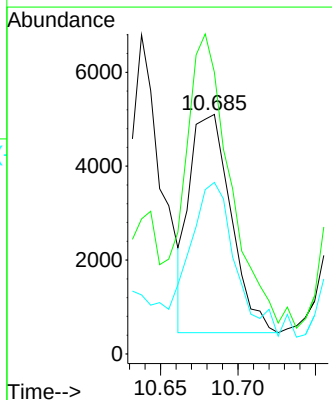
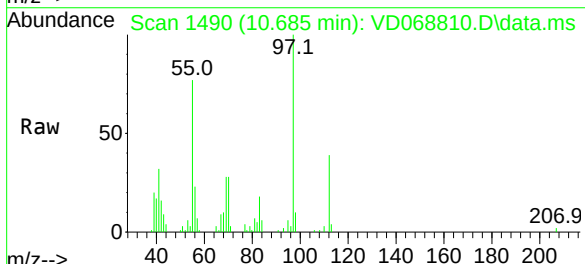
Instrument :
MSVOA_D
ClientSampleId :
S-17

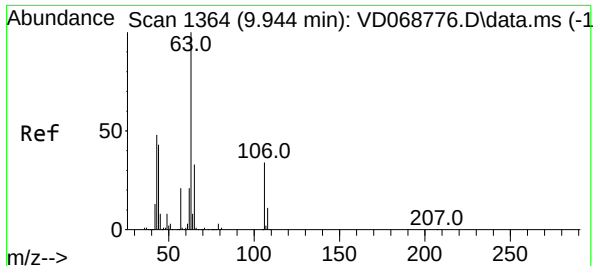
Tgt Ion:	97	Resp:	41650
Ion	Ratio	Lower	Upper
97	100		
83	6.9	65.7	98.5#
85	20.5	44.3	66.5#
99	0.0	51.4	77.2#



#56
Ethyl methacrylate
Concen: 1.65 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion:	69	Resp:	8612
Ion	Ratio	Lower	Upper
69	100		
41	160.0	42.2	63.4#
39	83.2	24.2	36.2#

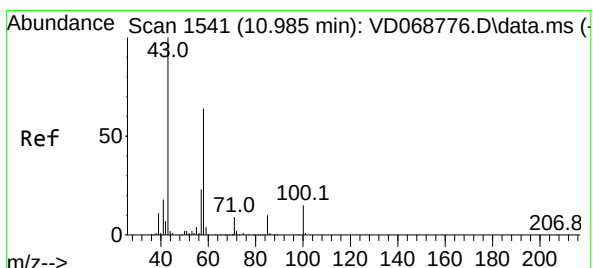
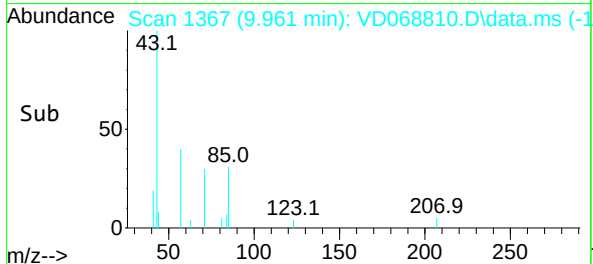
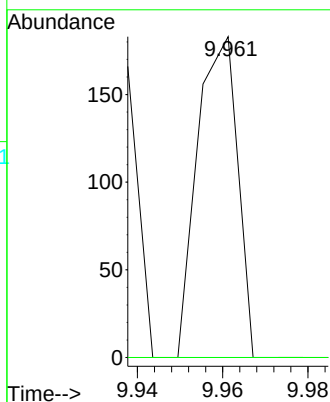
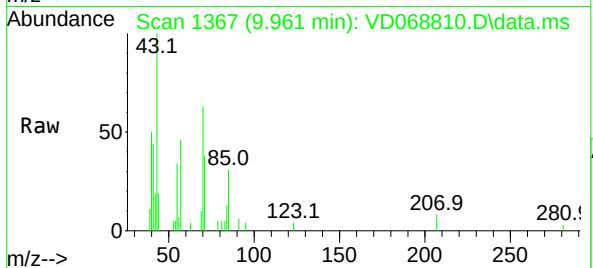




#58
2-Chloroethyl Vinyl ether
Concen: 17.03 ug/l
RT: 9.961 min Scan# 1367
Delta R.T. 0.017 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

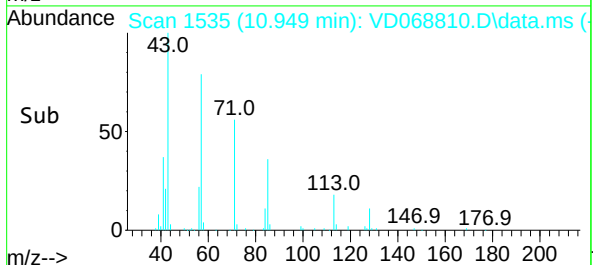
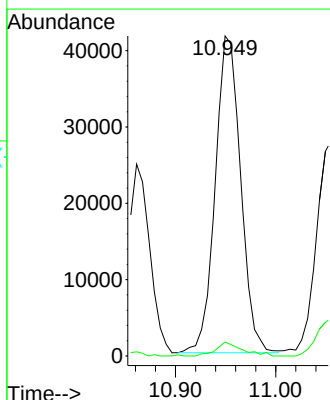
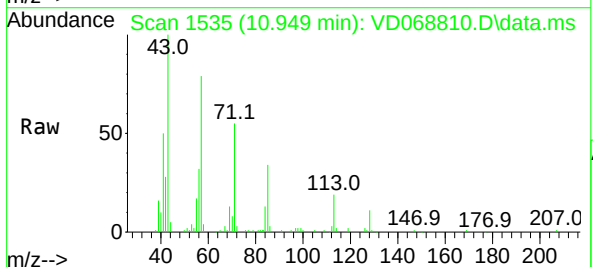
Instrument :
MSVOA_D
ClientSampleId :
S-17

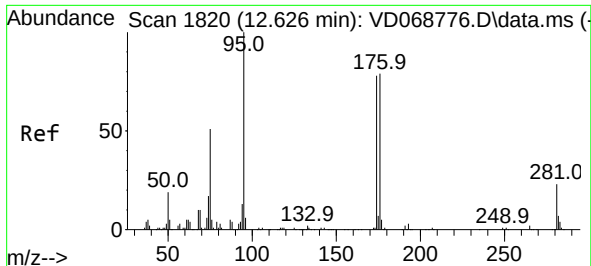
Tgt Ion: 63 Resp: 120
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 39.31 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.036 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 43 Resp: 73190
Ion Ratio Lower Upper
43 100
58 4.5 31.3 93.8#

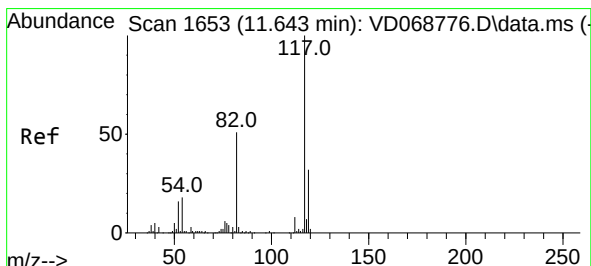
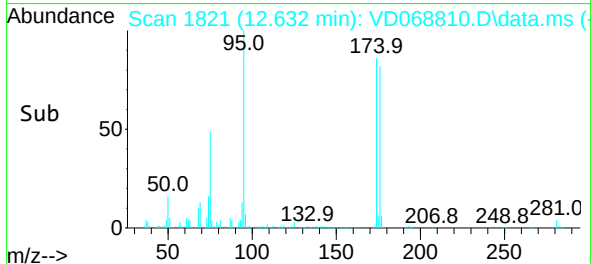
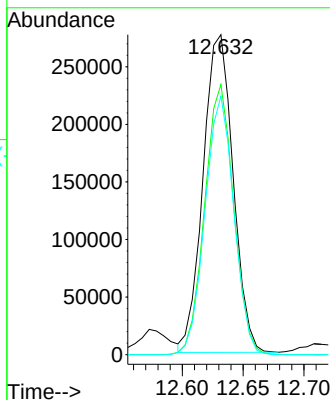
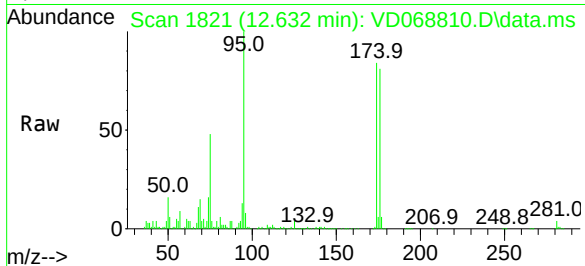




#62
4-Bromofluorobenzene
Concen: 63.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

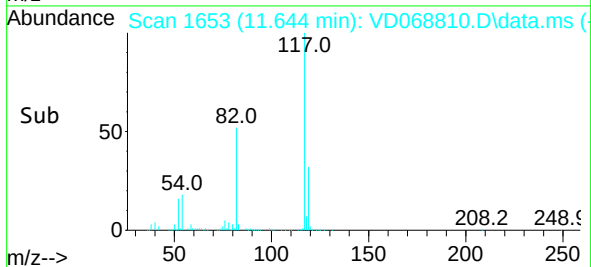
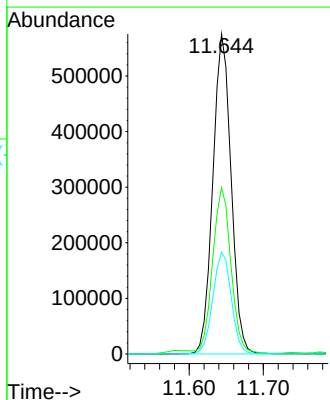
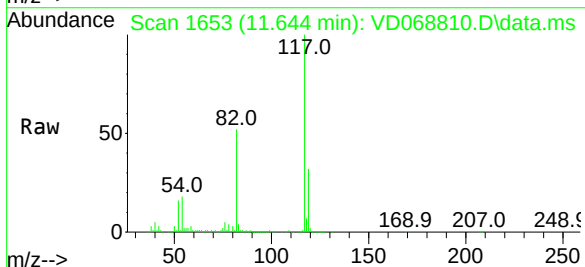
Instrument :
MSVOA_D
ClientSampleId :
S-17

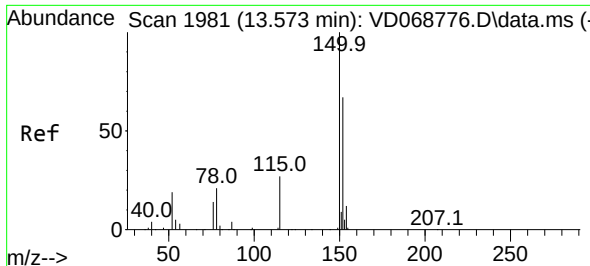
Tgt Ion: 95 Resp: 473710
Ion Ratio Lower Upper
95 100
174 82.0 0.0 168.0
176 78.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 117 Resp: 984340
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 31.7 26.7 40.1

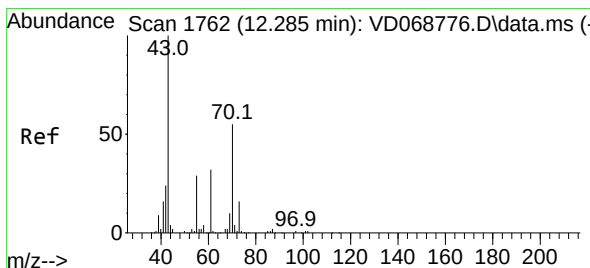
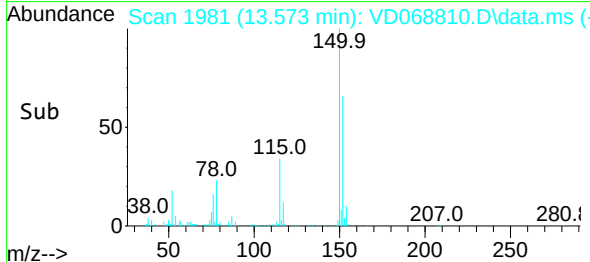
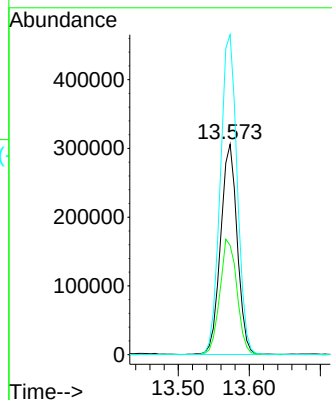
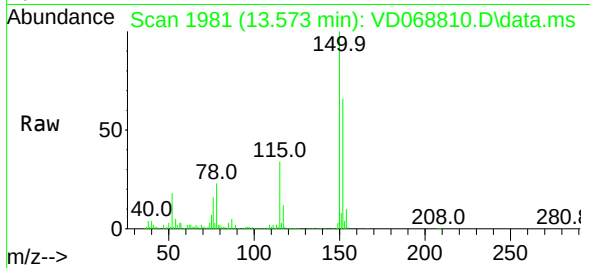




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

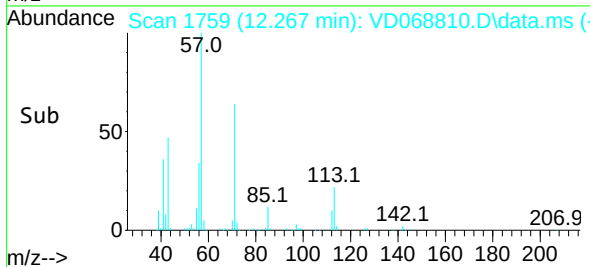
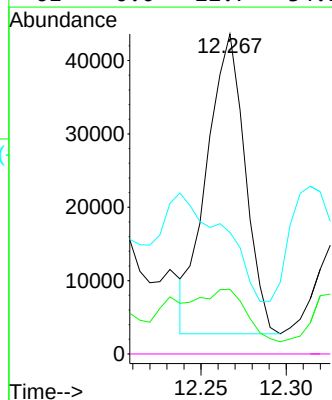
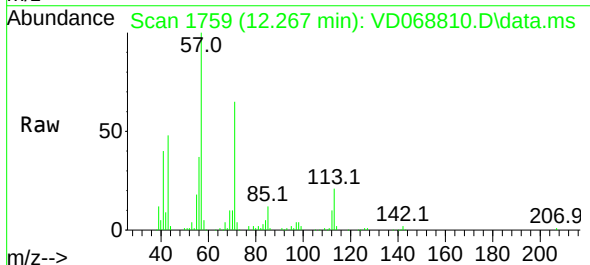
Instrument :
MSVOA_D
ClientSampleId :
S-17

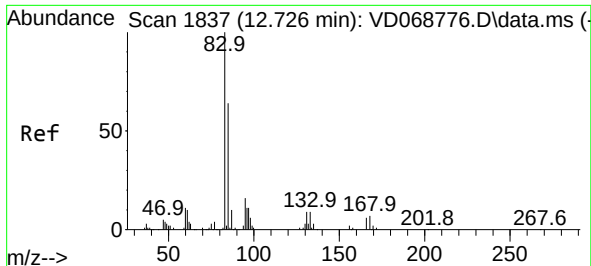
Tgt Ion:152 Resp: 495798
Ion Ratio Lower Upper
152 100
115 56.3 29.3 87.8
150 154.6 0.0 347.6



#74
N-ethyl acetate
Concen: 10.40 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

Tgt Ion: 43 Resp: 63872
Ion Ratio Lower Upper
43 100
70 31.9 41.9 62.9#
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#

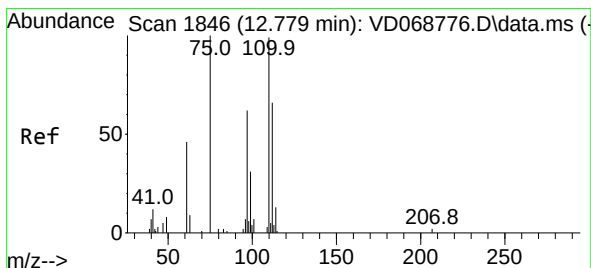
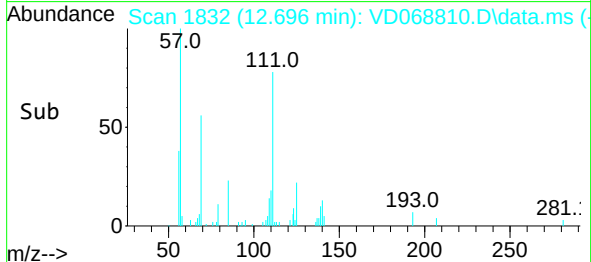
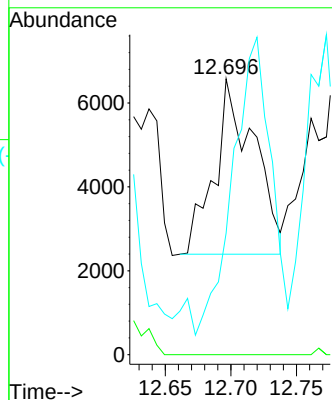
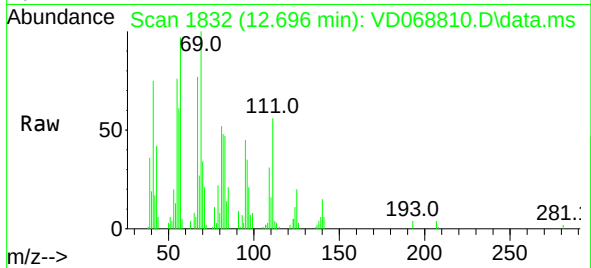




#75
1,1,2,2-Tetrachloroethane
Concen: 1.30 ug/l
RT: 12.696 min Scan# 1832
Delta R.T. -0.030 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

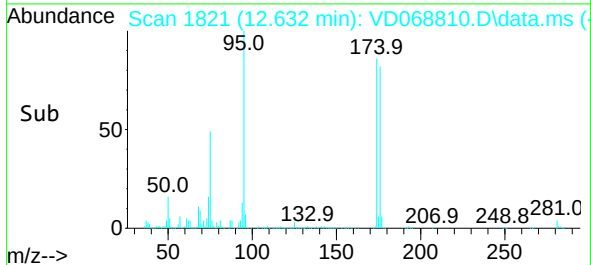
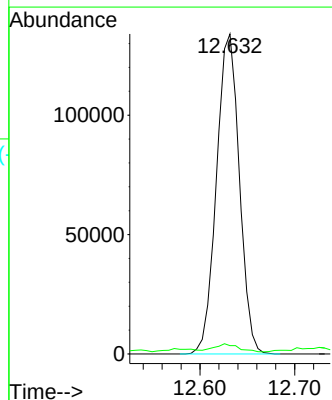
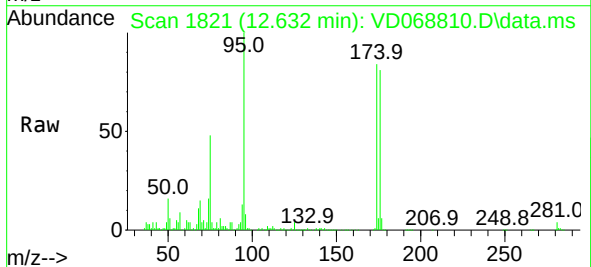
Instrument :
MSVOA_D
ClientSampled :
S-17

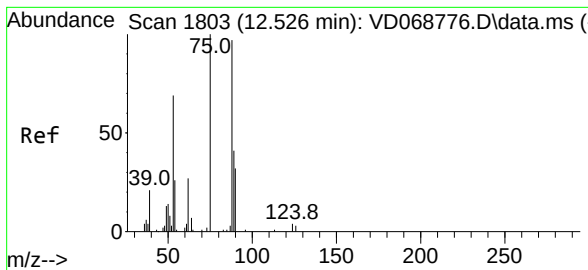
Tgt Ion: 83 Resp: 8815
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 49.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068810.D
Acq: 09 Apr 2021 14:26

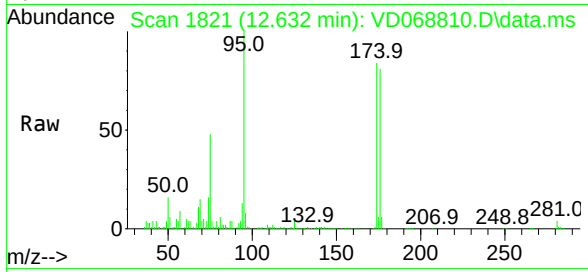
Tgt Ion: 75 Resp: 225084
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.33 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068810.D
 Acq: 09 Apr 2021 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 S-17



Tgt Ion: 75 Resp: 225084
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 36.6 54.8#

