

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068812.D
 Acq On : 09 Apr 2021 15:22
 Operator : VA/SY
 Sample : M1967-01
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

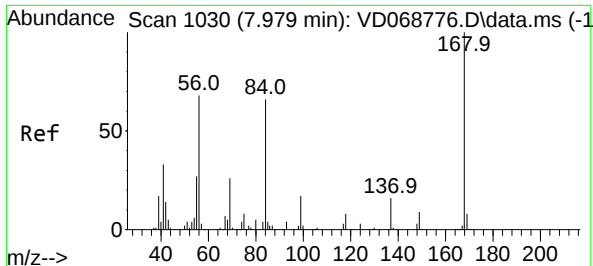
Instrument :
 MSVOA_D
 ClientSampleId :
 SED-1A

Quant Time: Apr 10 00:42:43 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	341486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	625058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	697714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	352383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	202038	55.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.96%			
35) Dibromofluoromethane	7.920	113	204241	50.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.48%			
50) Toluene-d8	10.343	98	798815	52.08	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.16%			
62) 4-Bromofluorobenzene	12.632	95	334407	65.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.30%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	667	2.40	ug/l #	41
11) Tert butyl alcohol	5.208	59	412	Below Cal	#	73
16) Acetone	4.167	43	1718	3.44	ug/l	99
20) Methylene Chloride	4.967	84	9574	Below Cal	#	77
31) Cyclohexane	7.979	56	7595	1.26	ug/l #	26
36) 1,1-Dichloropropene	7.985	75	25104	3.97	ug/l #	48
38) Carbon Tetrachloride	7.985	117	31371	5.01	ug/l #	16
51) 4-Methyl-2-Pentanone	10.273	43	5566	2.91	ug/l #	67
55) 1,1,2-Trichloroethane	10.779	97	8794	2.52	ug/l #	35
59) 2-Hexanone	10.949	43	12774	10.00	ug/l #	24
74) N-amyl acetate	12.267	43	11842	2.71	ug/l #	67
76) 1,2,3-Trichloropropane	12.632	75	164729	51.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	164729	118.75	ug/l #	16

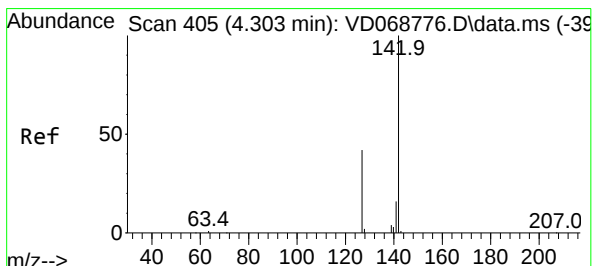
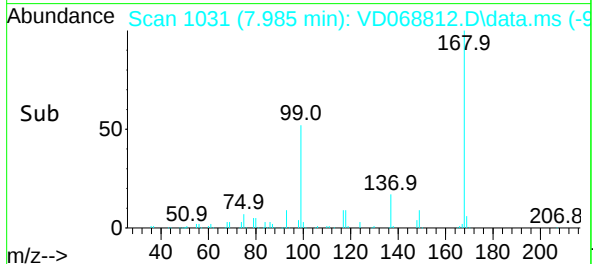
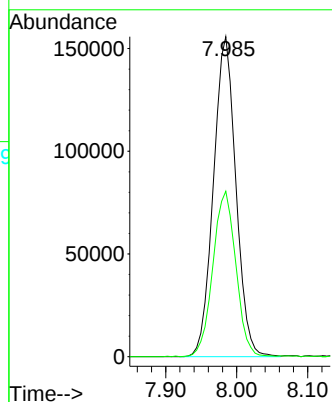
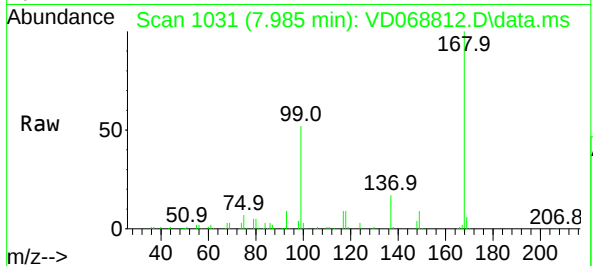
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

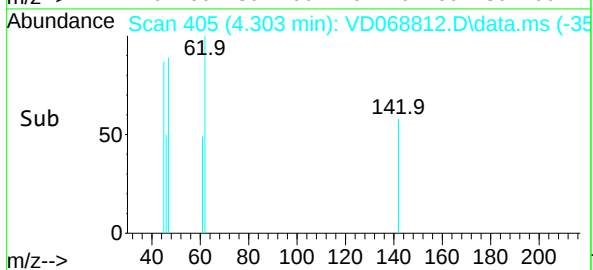
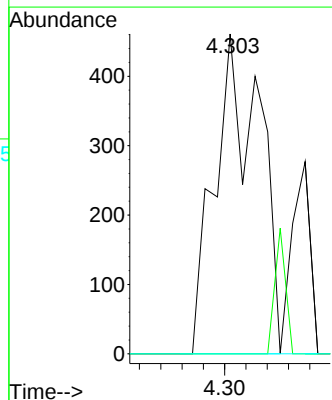
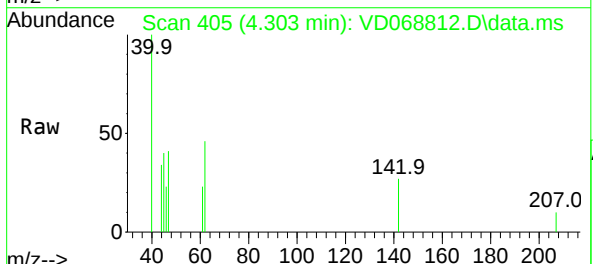
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

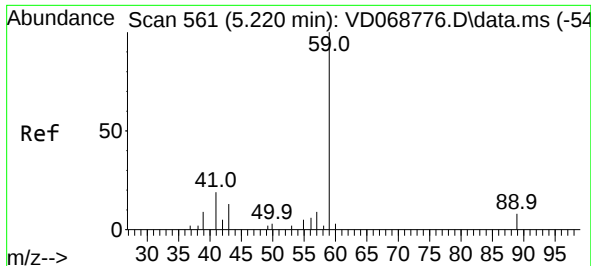
Tgt Ion:168 Resp: 341486
Ion Ratio Lower Upper
168 100
99 51.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.40 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion:142 Resp: 667
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

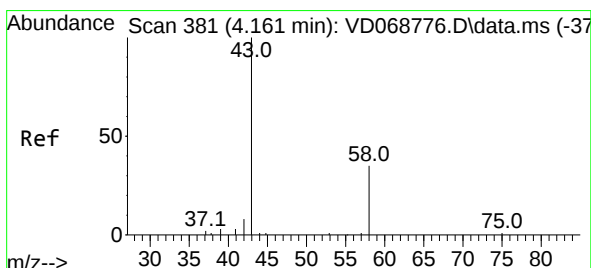
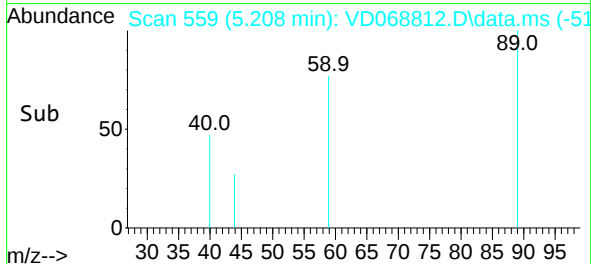
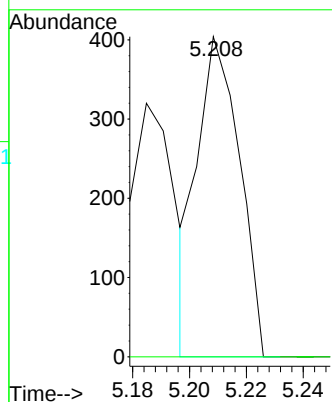
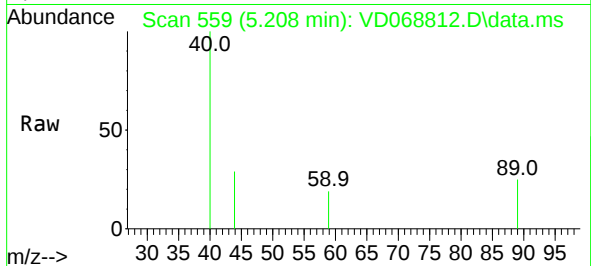




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

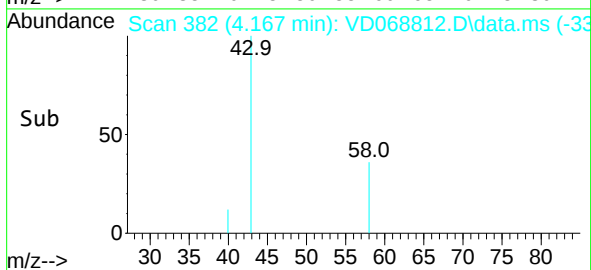
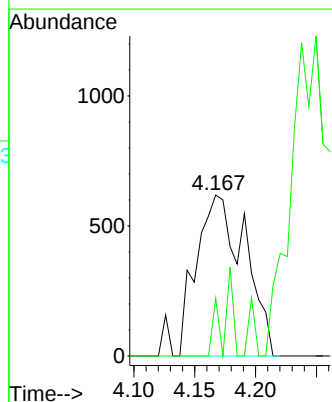
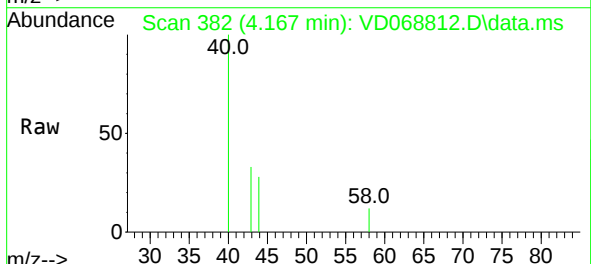
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

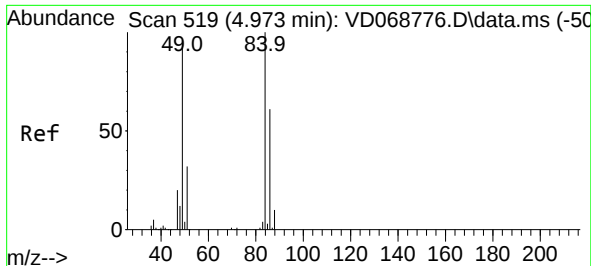
Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.44 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

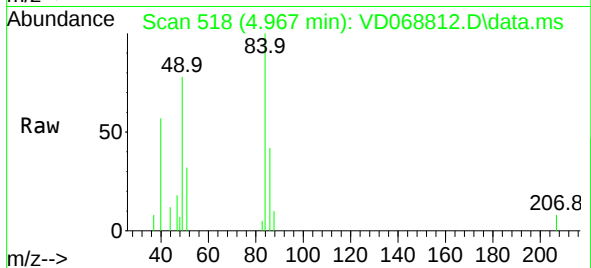
Tgt Ion: 43 Resp: 1718
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0



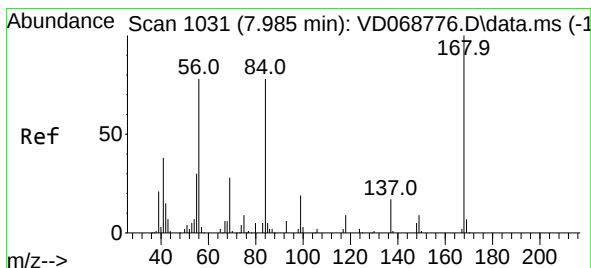
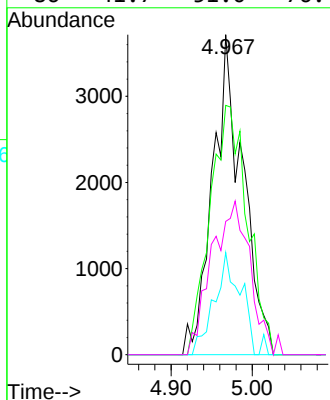
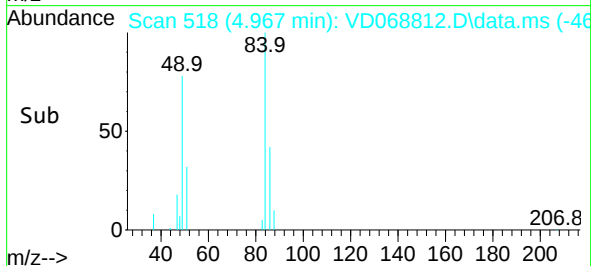


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

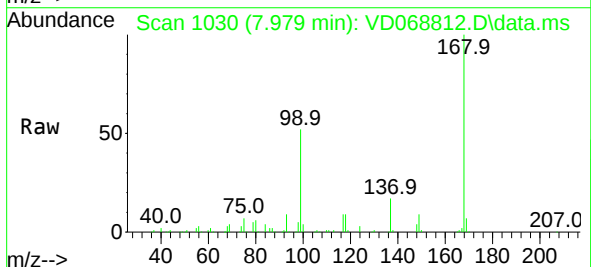
Instrument :
MSVOA_D
ClientSampleId :
SED-1A



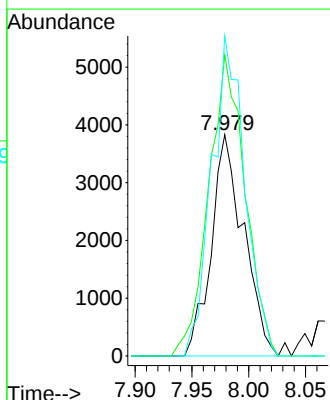
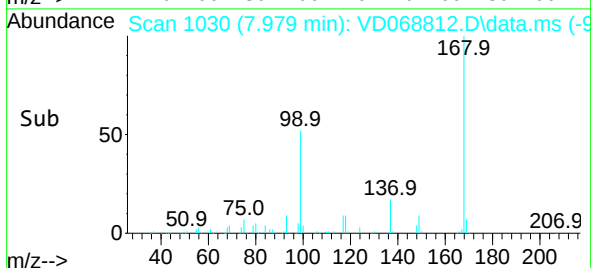
Tgt Ion:	84	Resp:	9574
Ion	Ratio	Lower	Upper
84	100		
49	77.9	83.4	125.0#
51	31.9	23.4	35.2
86	41.7	51.0	76.4#

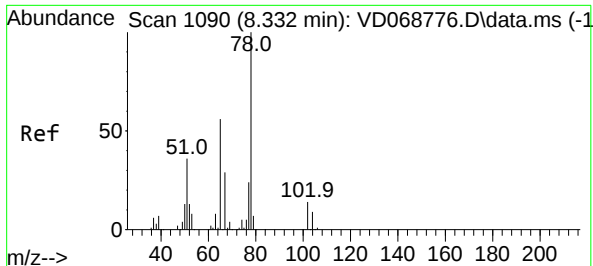


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22



Tgt Ion:	56	Resp:	7595
Ion	Ratio	Lower	Upper
56	100		
69	136.0	30.0	45.0#
84	144.7	82.0	123.0#

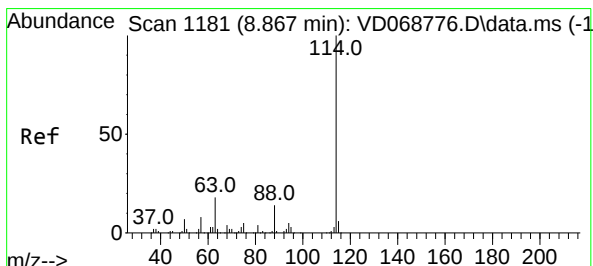
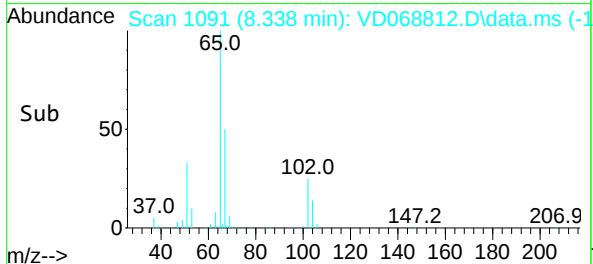
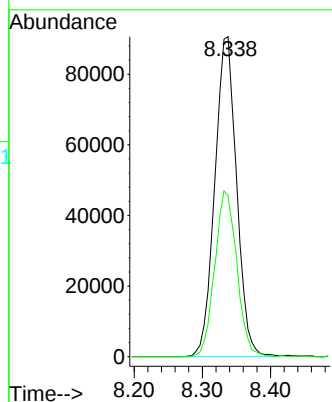
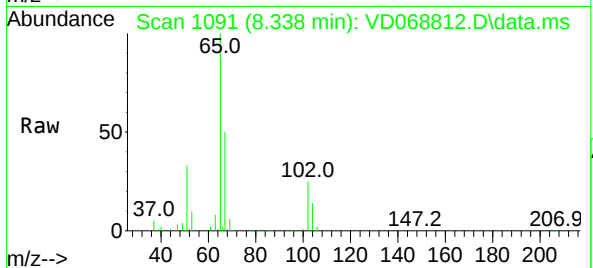




#33
1,2-Dichloroethane-d4
Concen: 55.98 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

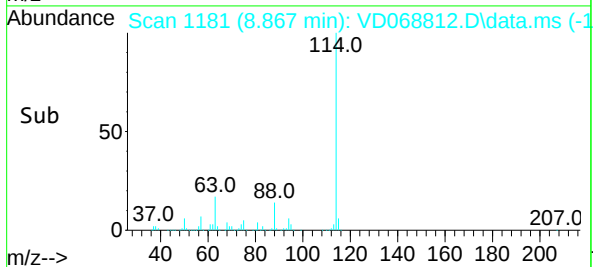
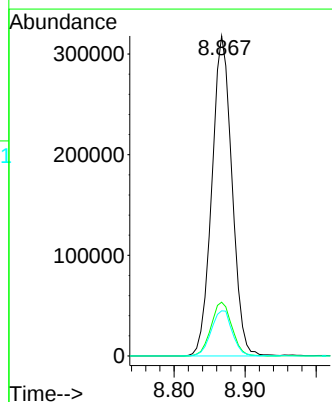
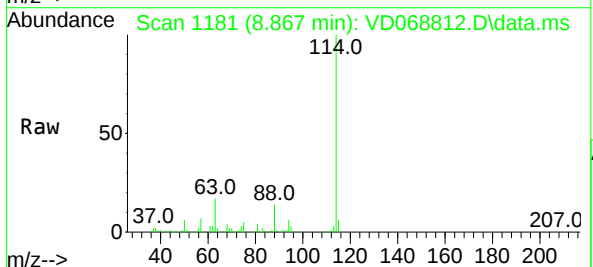
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

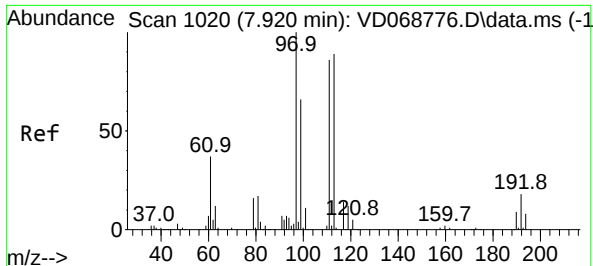
Tgt Ion: 65 Resp: 202038
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 114 Resp: 625058
Ion Ratio Lower Upper
114 100
63 16.8 0.0 38.2
88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 7.920 min Scan# 1020

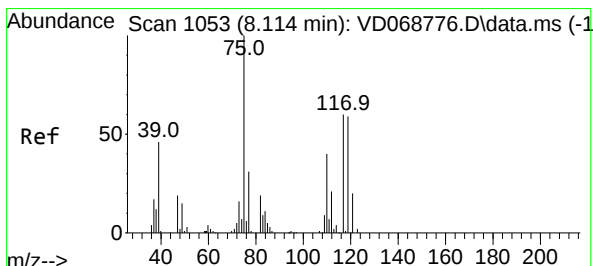
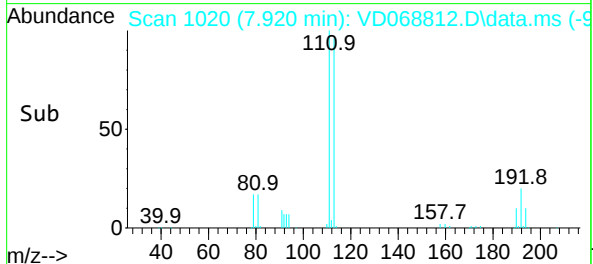
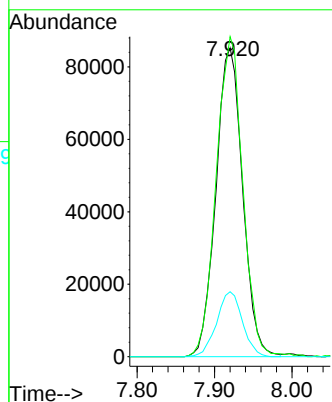
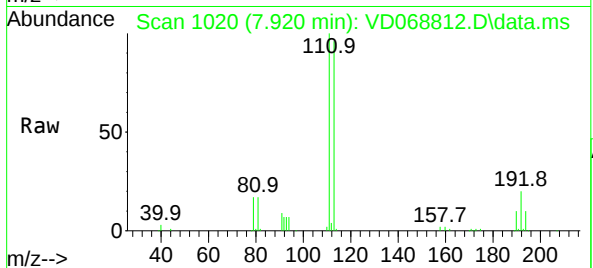
Delta R.T. -0.000 min

Lab File: VD068812.D

Acq: 09 Apr 2021 15:22

Tgt Ion:	113	Resp:	204241
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	20.4	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
SED-1A



#36

1,1-Dichloropropene

Concen: 3.97 ug/l

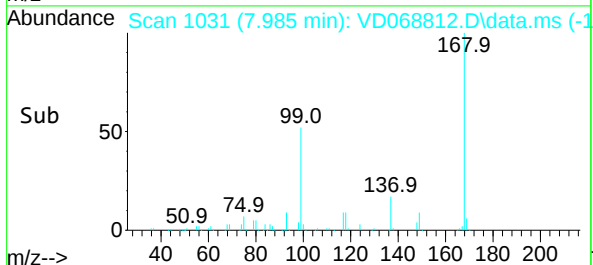
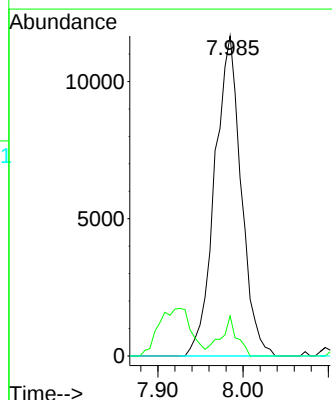
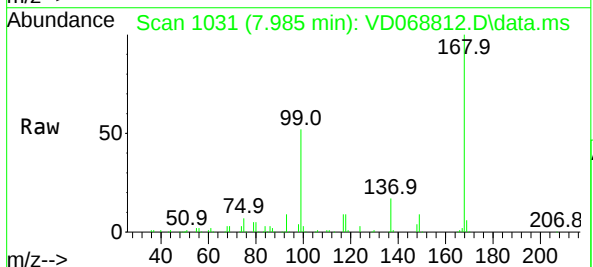
RT: 7.985 min Scan# 1031

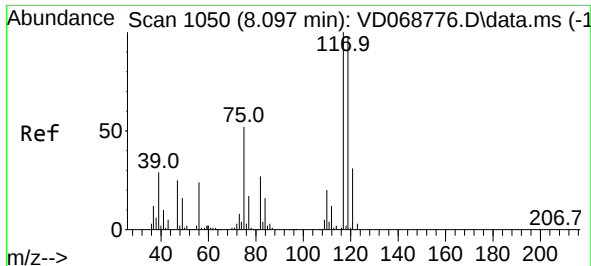
Delta R.T. -0.129 min

Lab File: VD068812.D

Acq: 09 Apr 2021 15:22

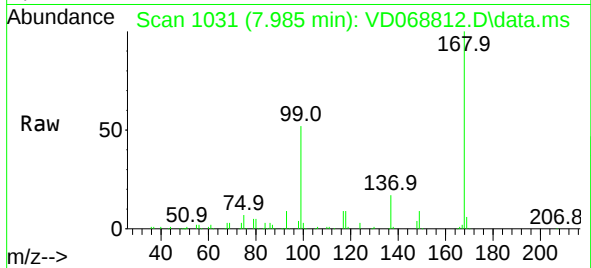
Tgt Ion:	75	Resp:	25104
Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.4#
77	0.0	24.7	37.1#



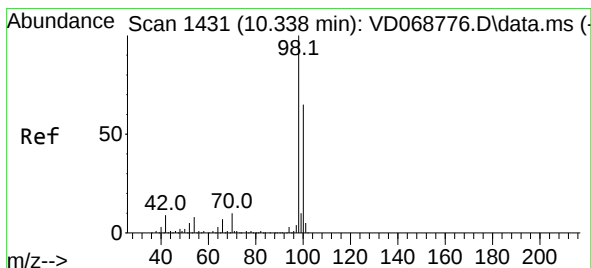
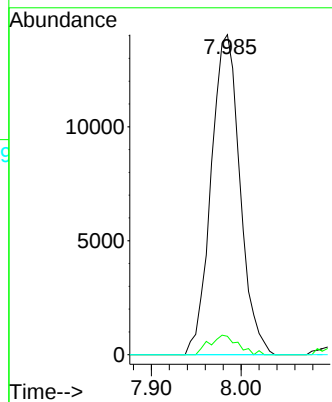
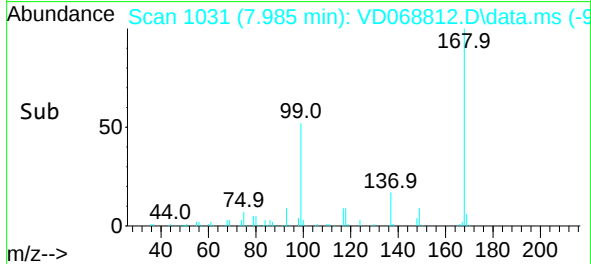


#38
Carbon Tetrachloride
Concen: 5.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

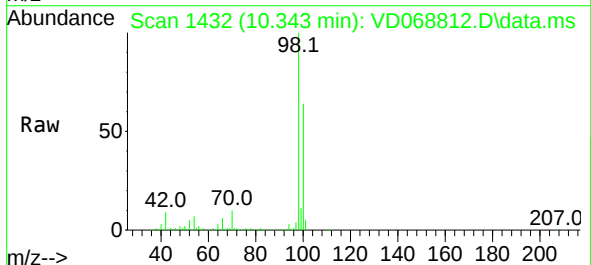
Instrument :
MSVOA_D
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SED-1A



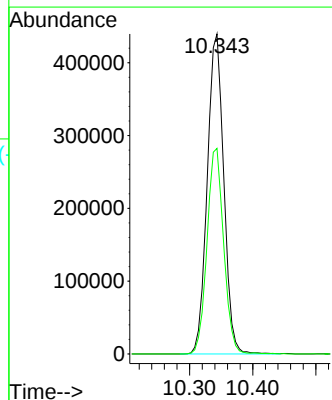
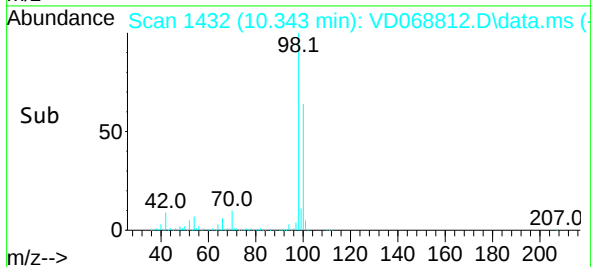
Tgt Ion:117 Resp: 31371
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 26.1 39.1#

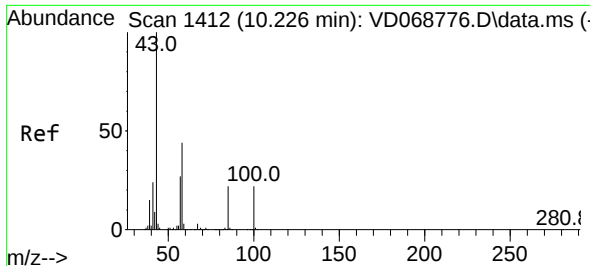


#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22



Tgt Ion: 98 Resp: 798815
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

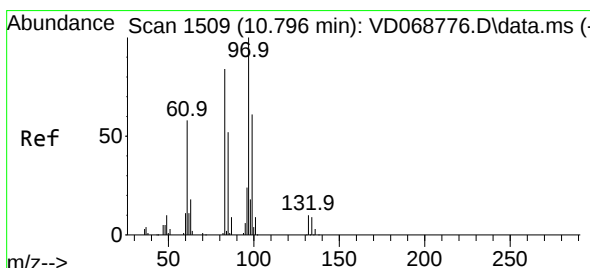
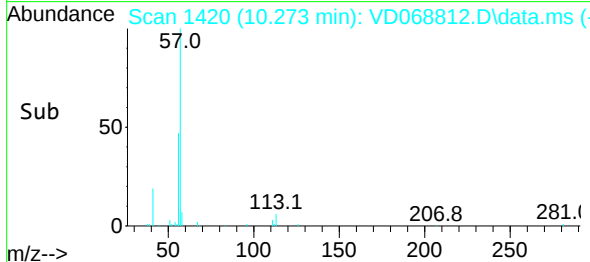
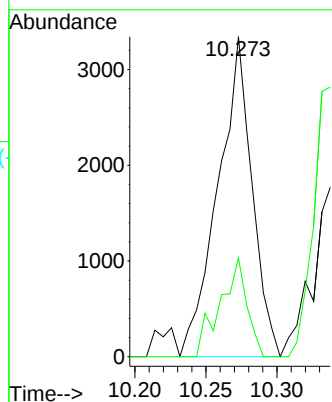
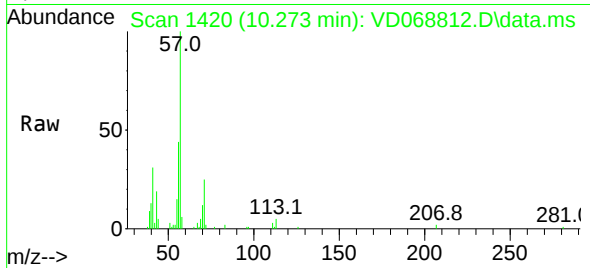




#51
4-Methyl-2-Pentanone
Concen: 2.91 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.047 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

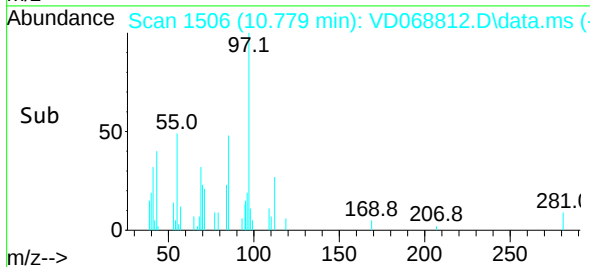
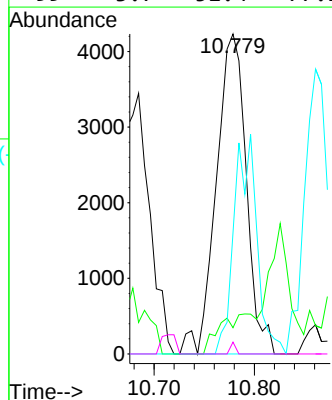
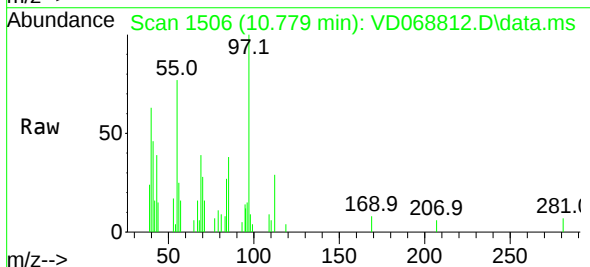
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

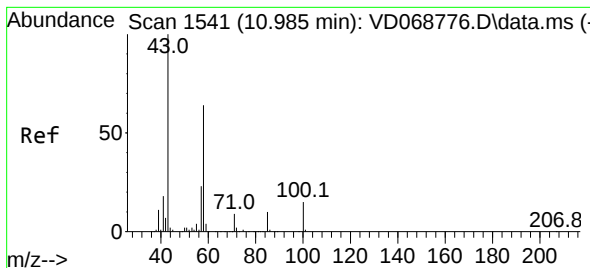
Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
58 24.3 37.3 55.9#



#55
1,1,2-Trichloroethane
Concen: 2.52 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.017 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 97 Resp: 8794
Ion Ratio Lower Upper
97 100
83 8.2 65.7 98.5#
85 37.9 44.3 66.5#
99 3.7 51.4 77.2#

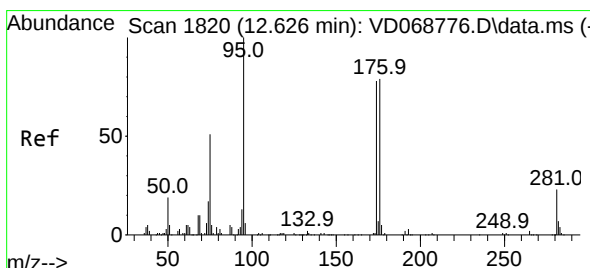
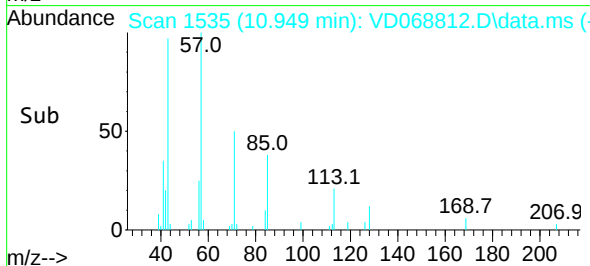
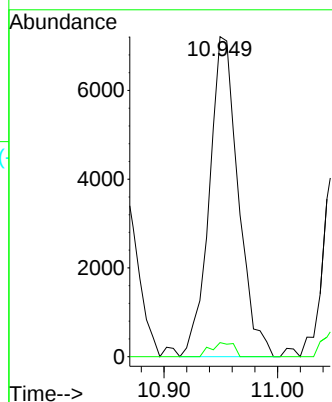
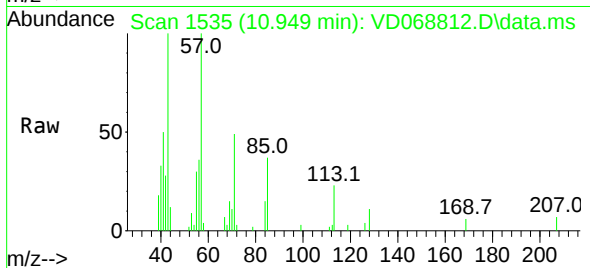




#59
2-Hexanone
Concen: 10.00 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.036 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

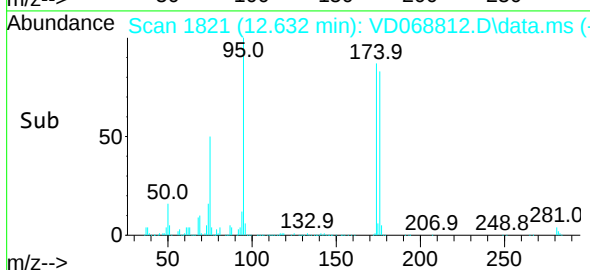
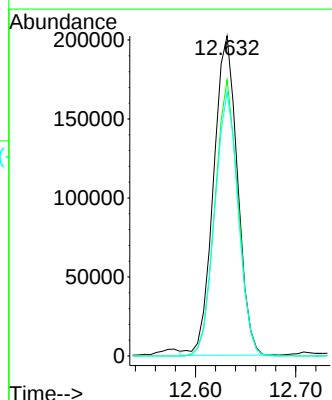
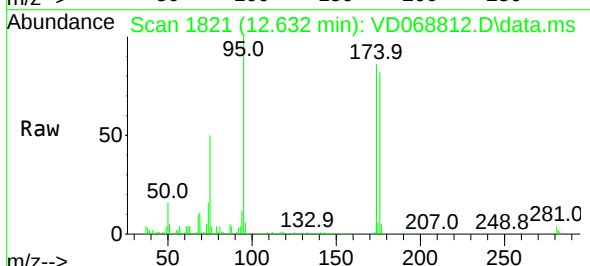
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

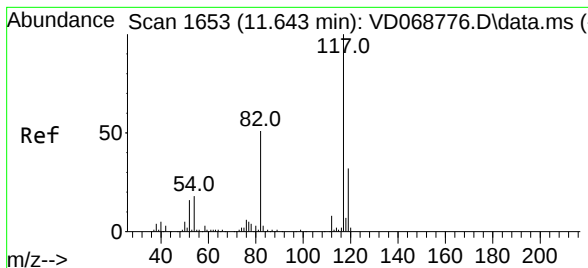
Tgt Ion: 43 Resp: 12774
Ion Ratio Lower Upper
43 100
58 3.5 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 65.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion: 95 Resp: 334407
Ion Ratio Lower Upper
95 100
174 83.5 0.0 168.0
176 81.0 0.0 160.2

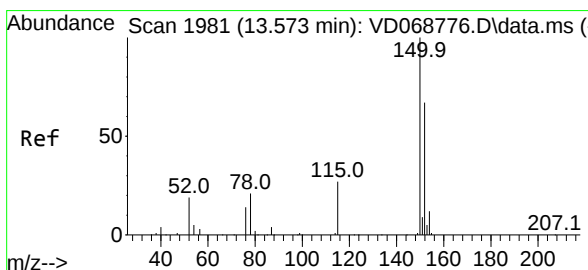
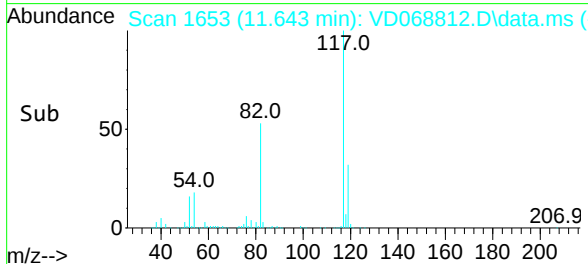
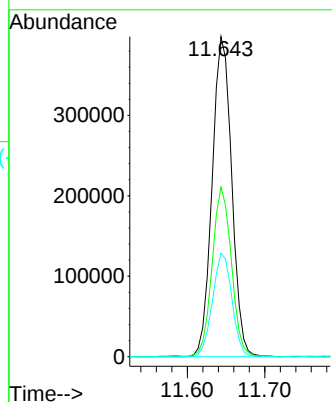
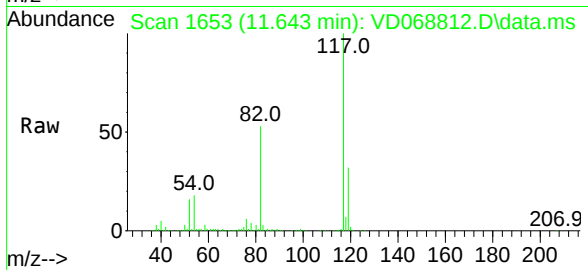




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

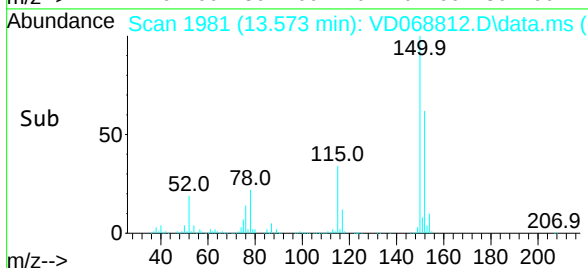
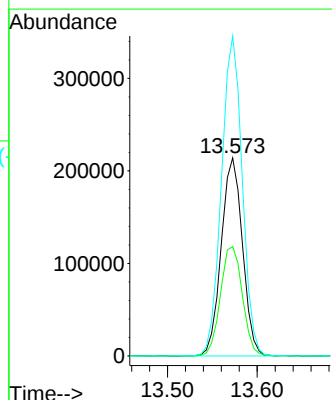
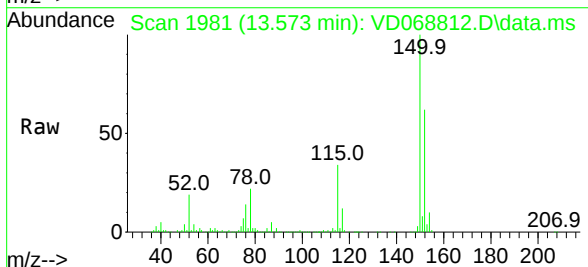
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

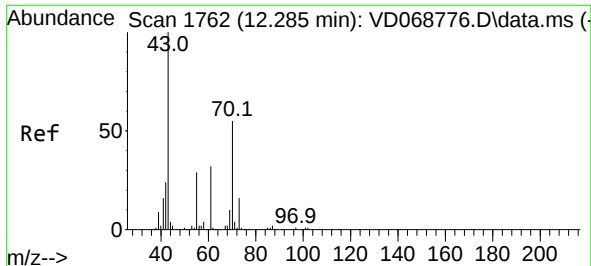
Tgt Ion:	117	Resp:	697714
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.5	65.3
119	32.4	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

Tgt Ion:	152	Resp:	352383
Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.3	87.8
150	157.8	0.0	347.6

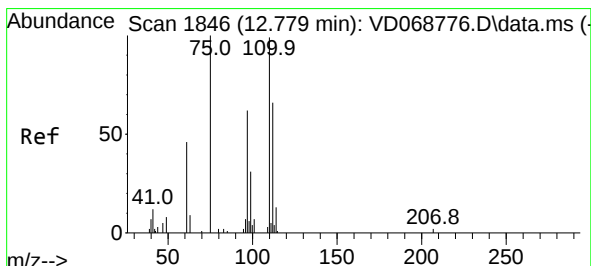
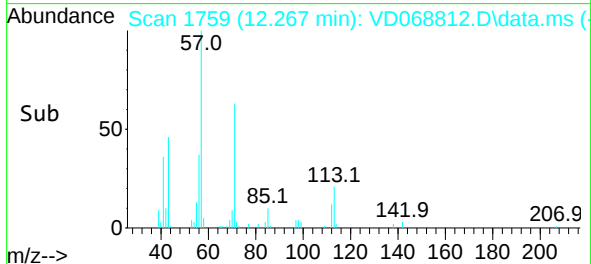
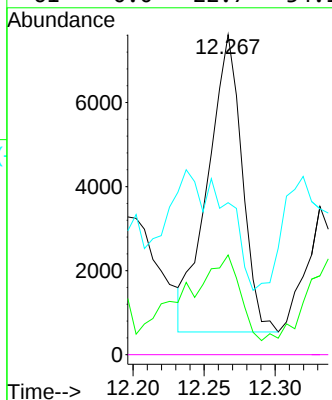
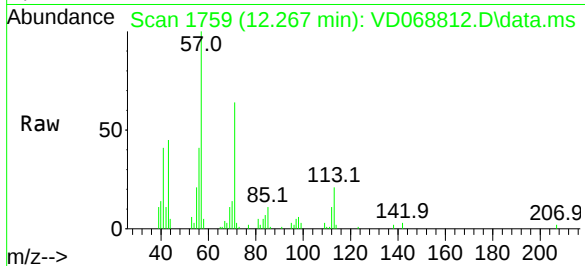




#74
N-amy1 acetate
Concen: 2.71 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

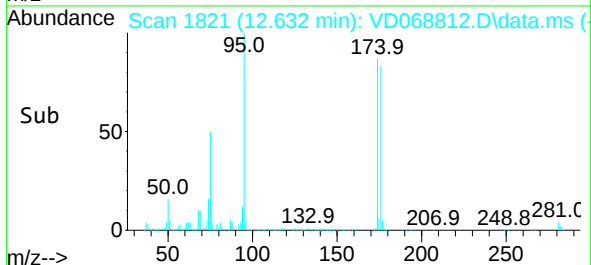
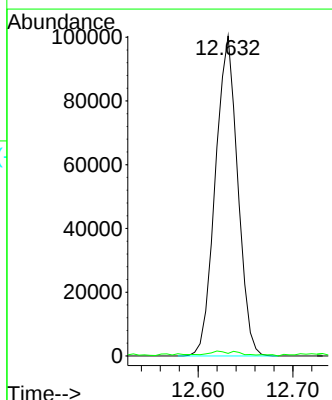
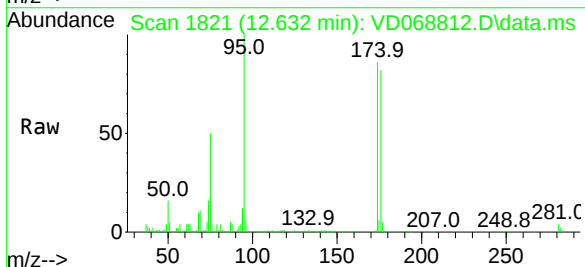
Instrument :
MSVOA_D
ClientSampleId :
SED-1A

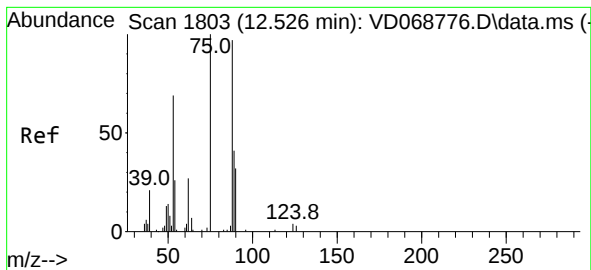
Tgt Ion:	43	Resp:	11842
Ion	Ratio	Lower	Upper
43	100		
70	44.6	41.9	62.9
55	0.0	22.8	34.2#
61	0.0	22.7	34.1#



#76
1,2,3-Trichloropropane
Concen: 51.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068812.D
Acq: 09 Apr 2021 15:22

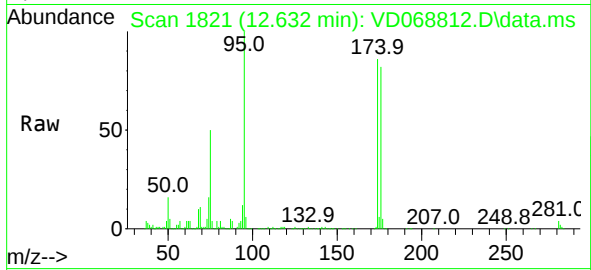
Tgt Ion:	75	Resp:	164729
Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.75 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068812.D
 Acq: 09 Apr 2021 15:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-1A



Tgt Ion: 75 Resp: 164729
 Ion Ratio Lower Upper
 75 100
 53 1.0 66.8 100.2#
 89 0.0 36.6 54.8#

