

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069031.D
 Acq On : 29 Apr 2021 21:16
 Operator : VA/SY
 Sample : M2224-01
 Misc : 5.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:58:48 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	313008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	698107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	388224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	128152	38.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.48%
35) Dibromofluoromethane	7.914	113	164361	47.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.30%
50) Toluene-d8	10.338	98	693718	53.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.62%
62) 4-Bromofluorobenzene	12.632	95	347990	80.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	161.04%#

Target Compounds

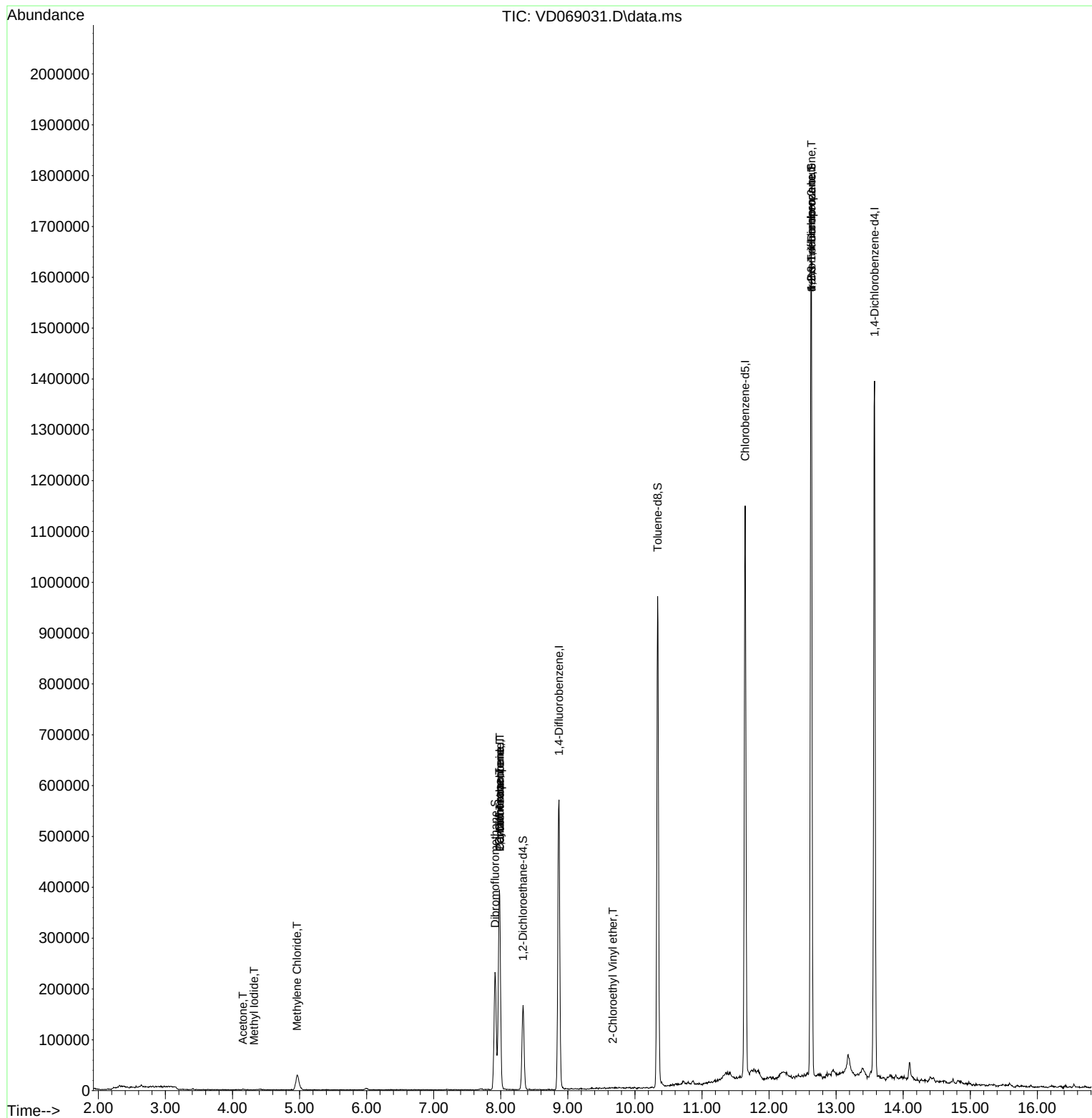
					Qvalue	
10) Methyl Iodide	4.320	142	71	2.26	ug/l #	41
11) Tert butyl alcohol	5.226	59	280	Below	Cal #	73
16) Acetone	4.156	43	2035	4.44	ug/l	97
20) Methylene Chloride	4.961	84	25811	2.37	ug/l	92
31) Cyclohexane	7.979	56	6352	1.15	ug/l #	23
36) 1,1-Dichloropropene	7.985	75	21788	4.06	ug/l #	48
38) Carbon Tetrachloride	7.985	117	30139	5.67	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.673	63	55	17.02	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	172599	48.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	172599	112.94	ug/l #	17

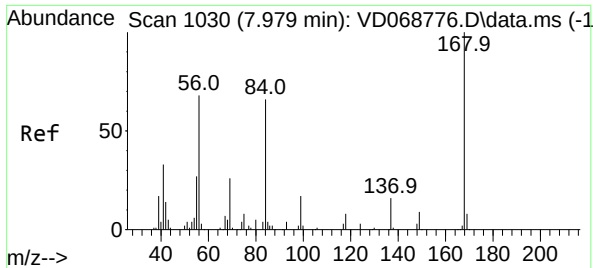
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069031.D
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Misc : 5.89G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
ClientSampleId :

Quant Time: Apr 30 02:58:48 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

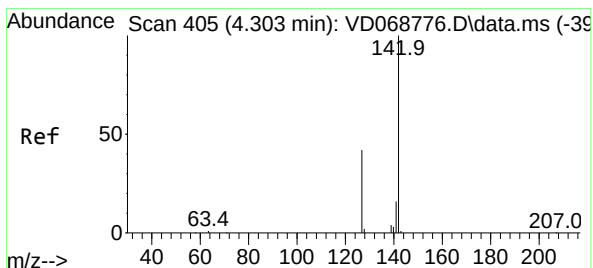
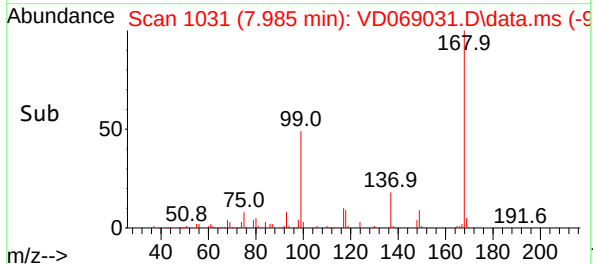
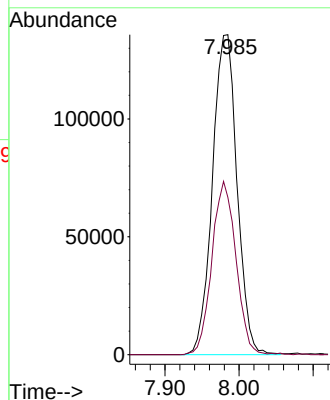
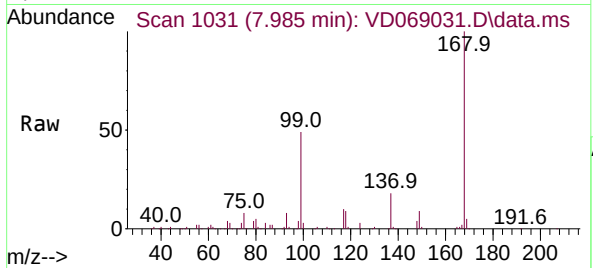




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

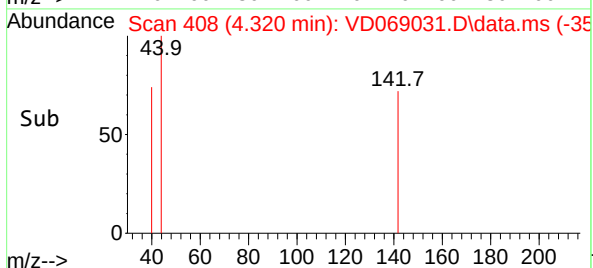
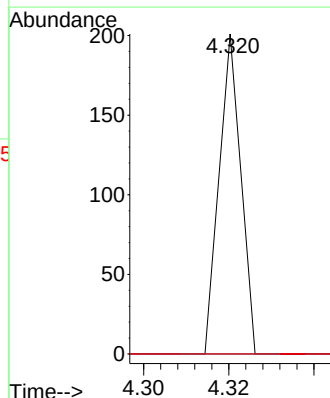
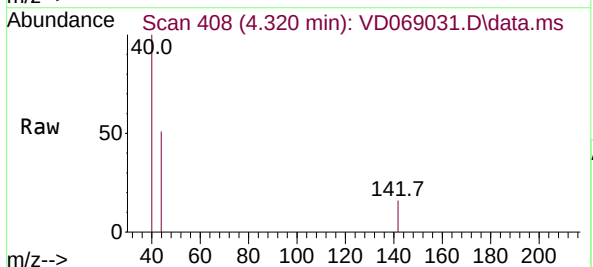
Instrument :
MSVOA_D
ClientSampled :

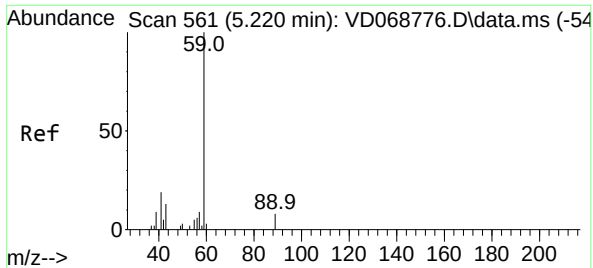
Tgt Ion:168 Resp: 313008
Ion Ratio Lower Upper
168 100
99 49.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

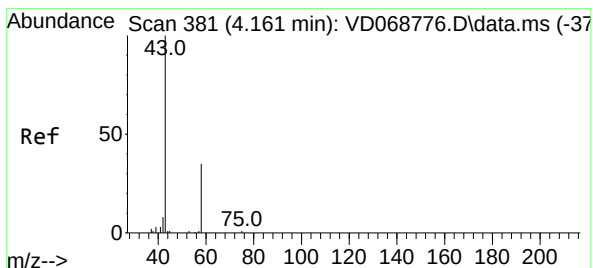
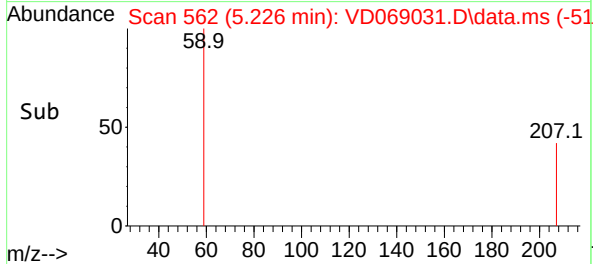
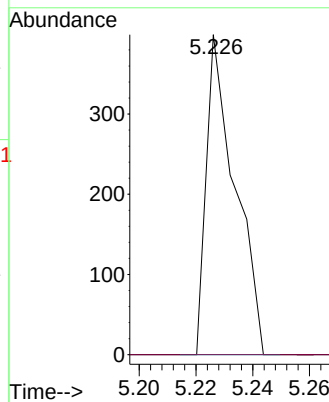
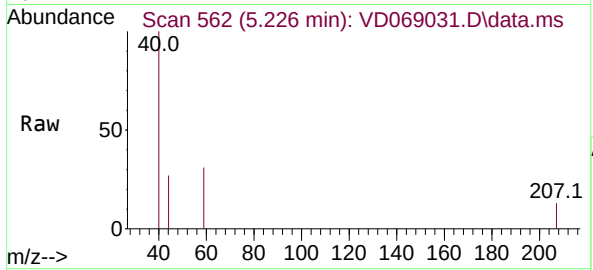




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

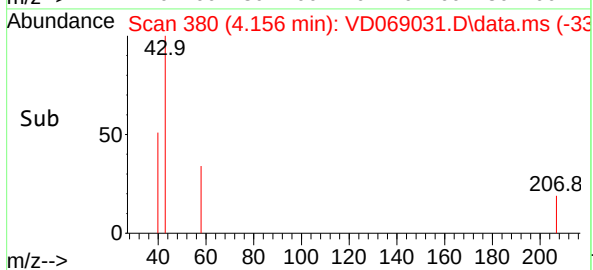
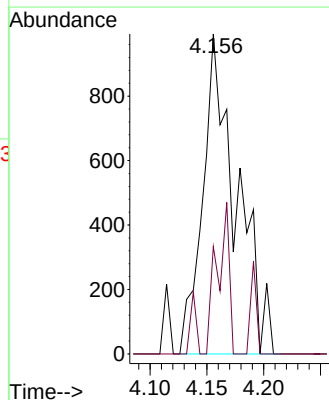
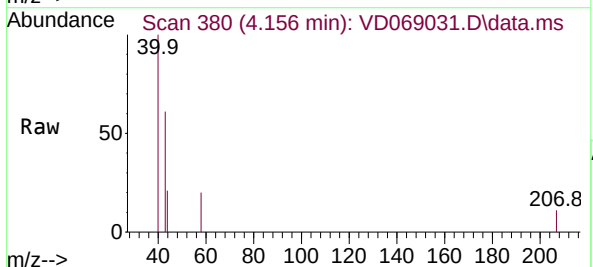
Instrument :
MSVOA_D
ClientSampleId :

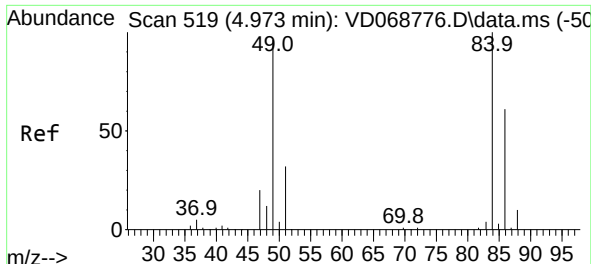
Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.44 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

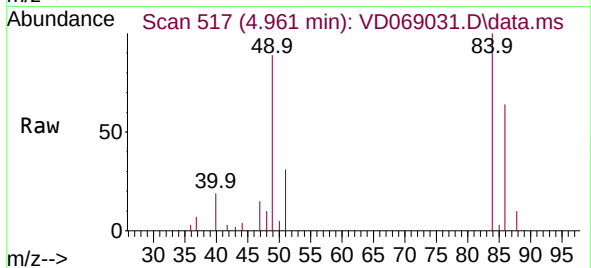
Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0



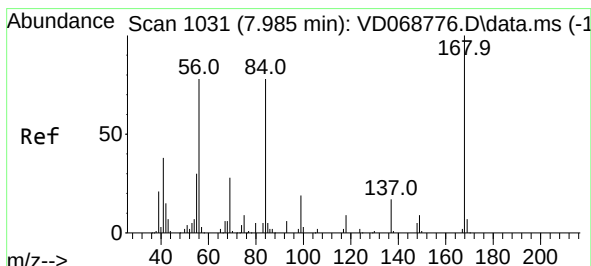
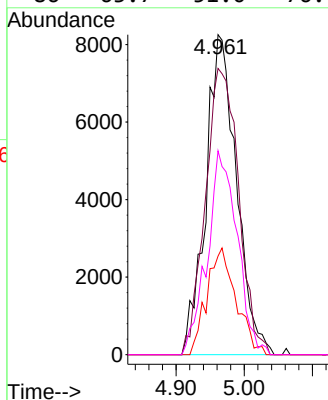
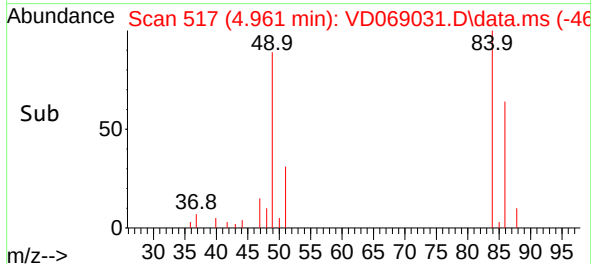


#20
Methylene Chloride
Concen: 2.37 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

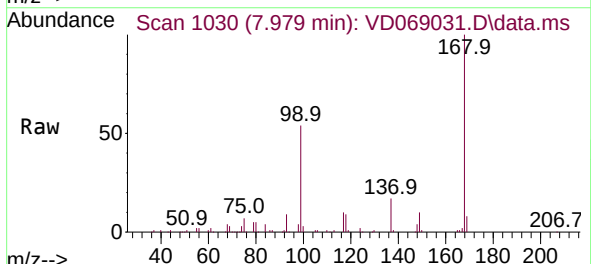
Instrument :
MSVOA_D
ClientSampleId :



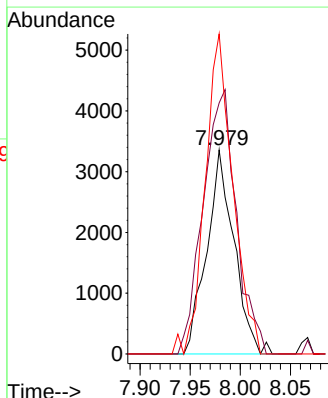
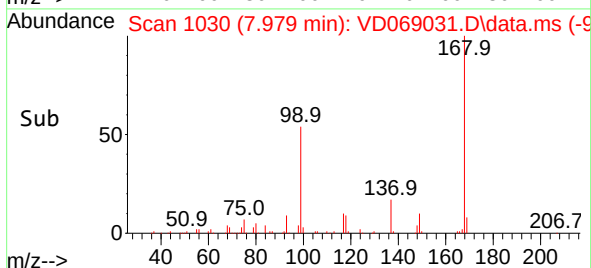
Tgt Ion:	84	Resp:	25811
Ion	Ratio	Lower	Upper
84	100		
49	89.5	83.4	125.0
51	30.8	23.4	35.2
86	63.7	51.0	76.4

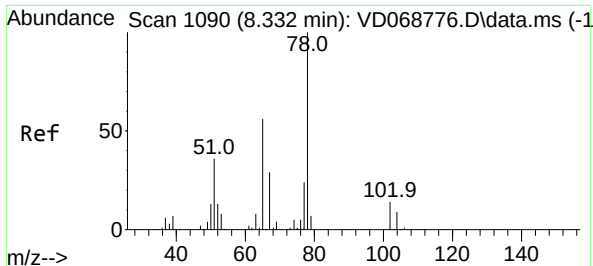


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16



Tgt Ion:	56	Resp:	6352
Ion	Ratio	Lower	Upper
56	100		
69	123.0	30.0	45.0#
84	156.8	82.0	123.0#

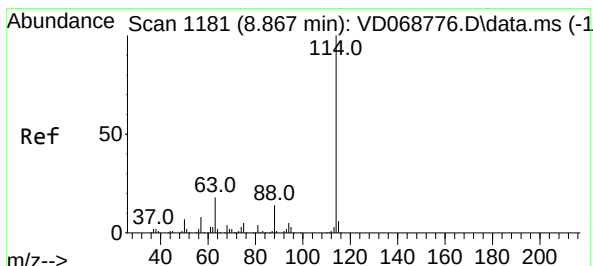
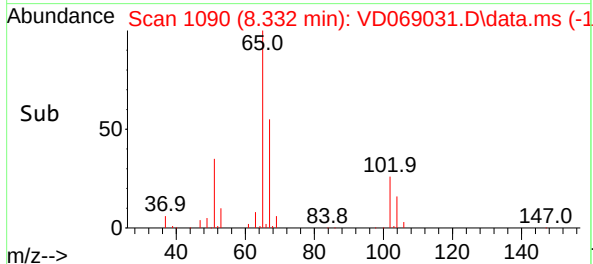
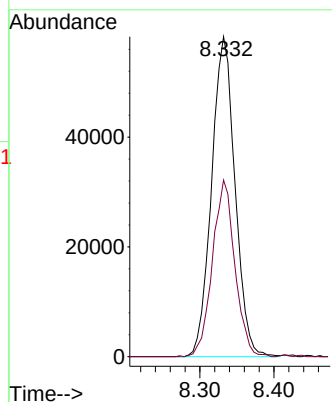
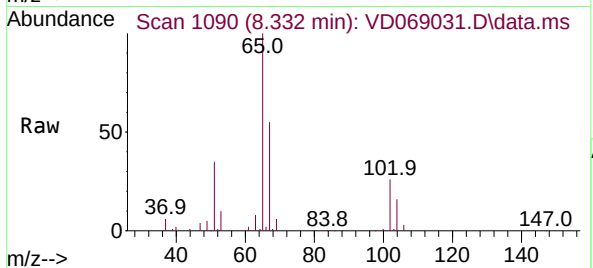




#33
1,2-Dichloroethane-d4
Concen: 38.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

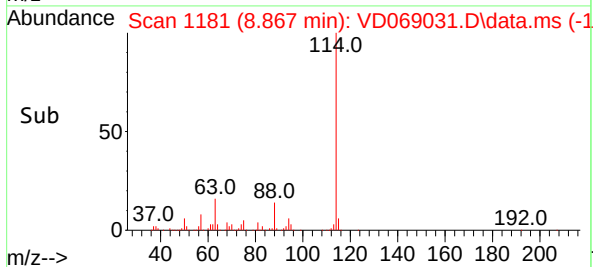
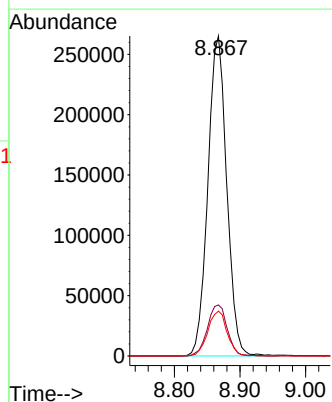
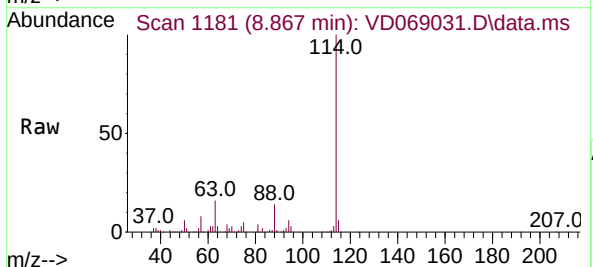
Instrument :
MSVOA_D
ClientSampled :

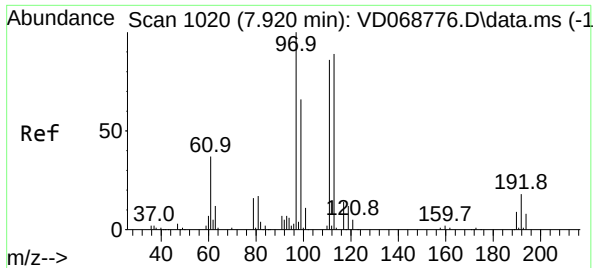
Tgt Ion: 65 Resp: 128152
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 114 Resp: 530309
Ion Ratio Lower Upper
114 100
63 15.9 0.0 38.2
88 14.0 0.0 29.4

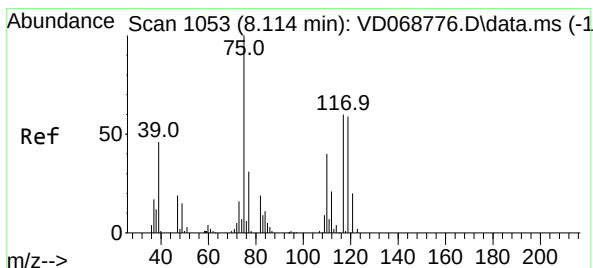
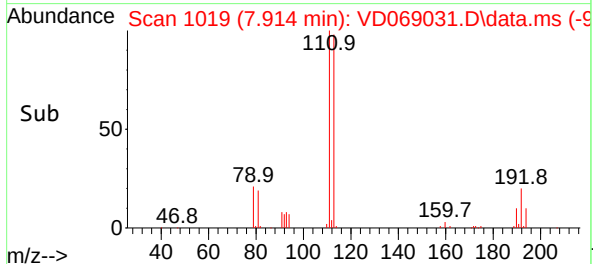
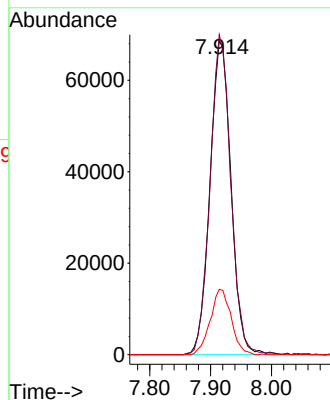
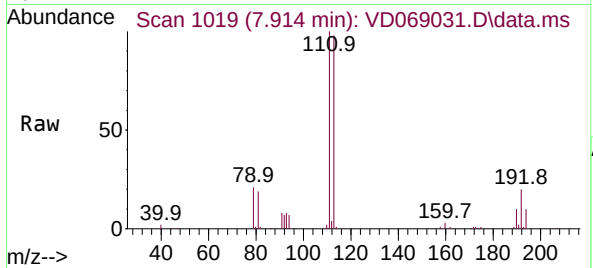




#35
Dibromofluoromethane
Concen: 47.65 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

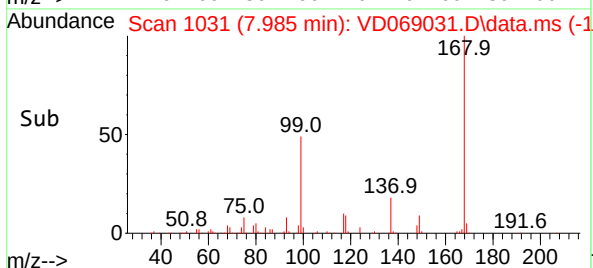
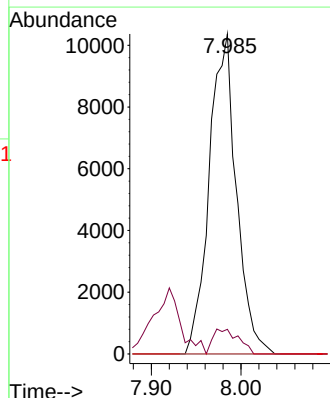
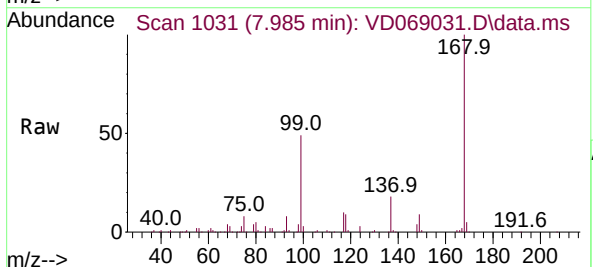
Instrument :
MSVOA_D
ClientSampleId :

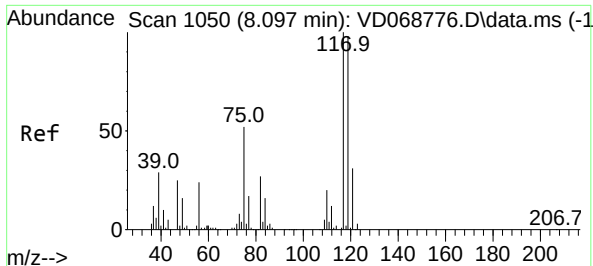
Tgt Ion:113 Resp: 164361
Ion Ratio Lower Upper
113 100
111 100.6 82.5 123.7
192 20.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.06 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

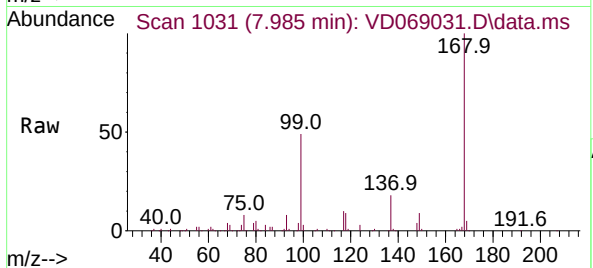
Tgt Ion: 75 Resp: 21788
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 24.7 37.1#



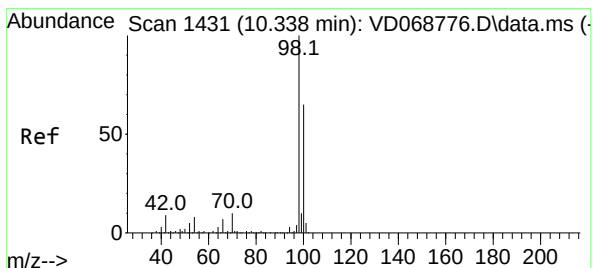
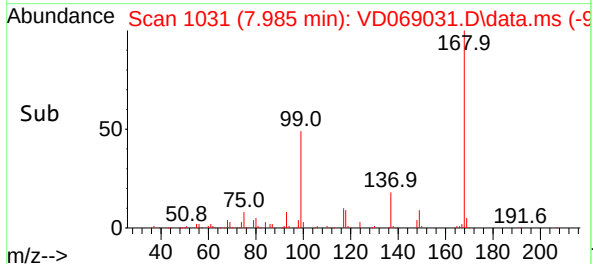
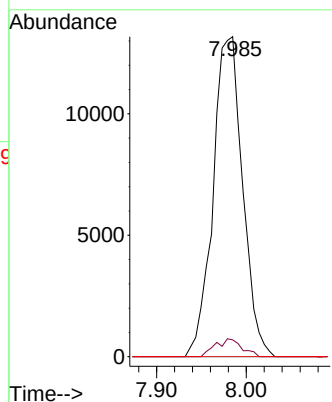


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Instrument :
MSVOA_D
ClientSampled :

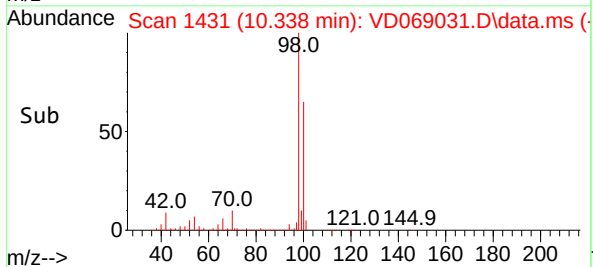
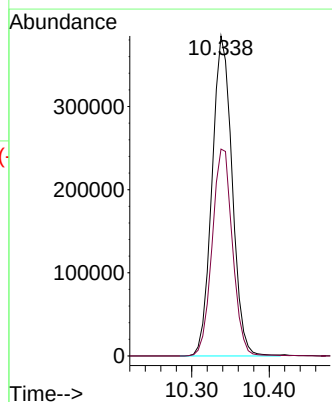
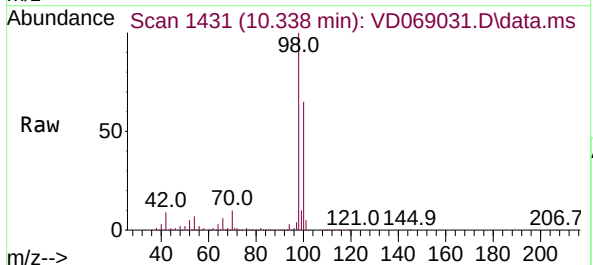


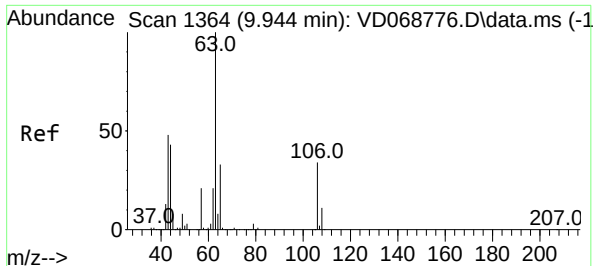
Tgt Ion:117 Resp: 30139
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.31 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 98 Resp: 693718
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

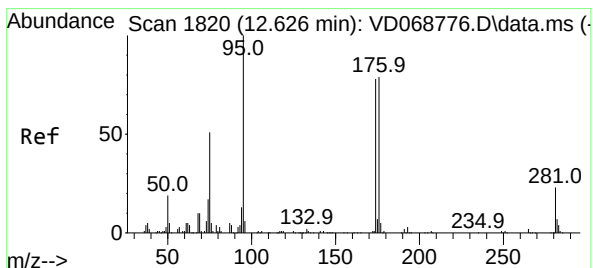
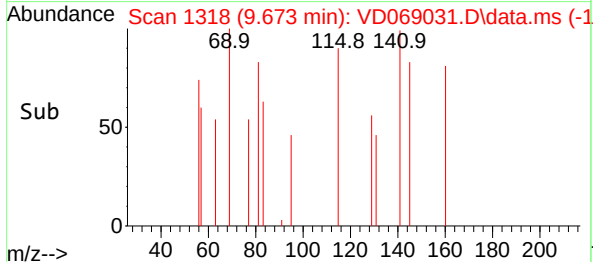
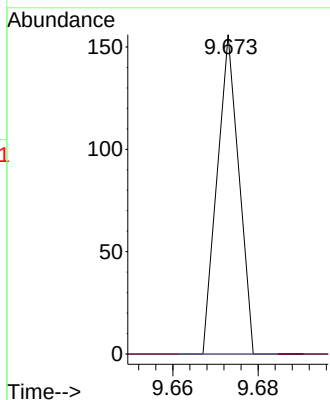
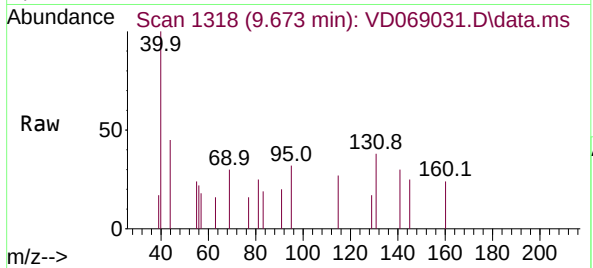




#58
2-Chloroethyl Vinyl ether
Concen: 17.02 ug/l
RT: 9.673 min Scan# 1318
Delta R.T. -0.271 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

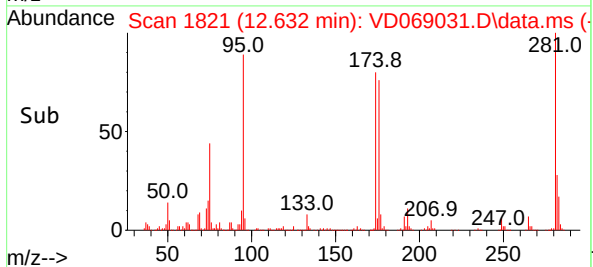
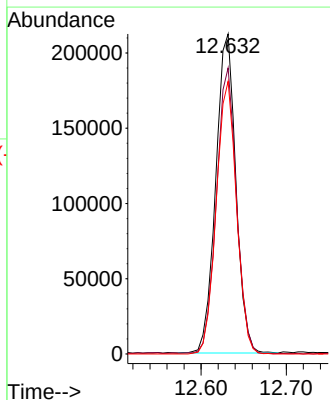
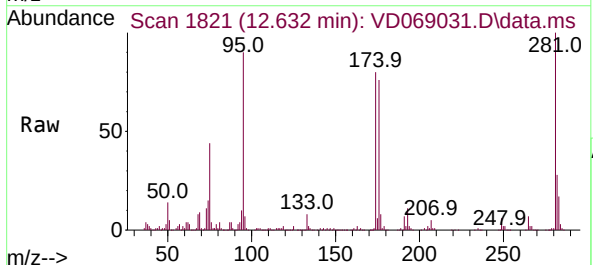
Instrument :
MSVOA_D
ClientSampled :

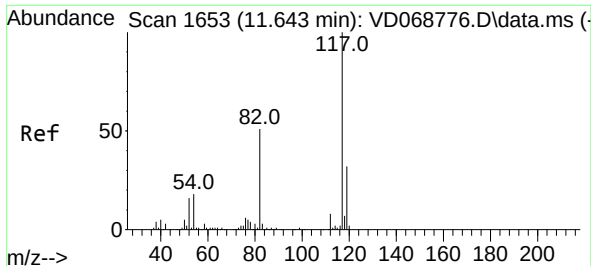
Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 80.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 95 Resp: 347990
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.0
176 85.9 0.0 160.2

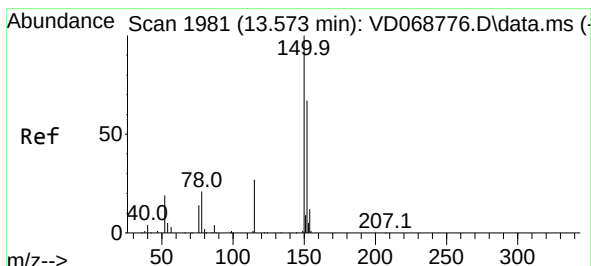
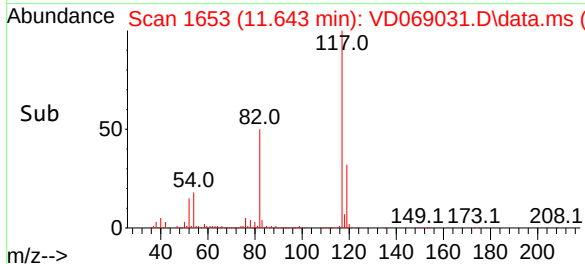
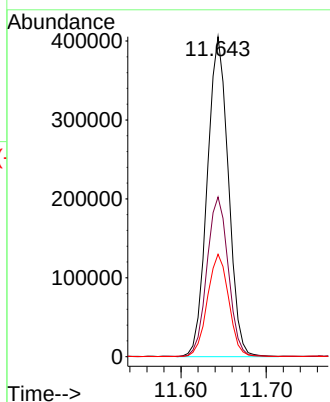
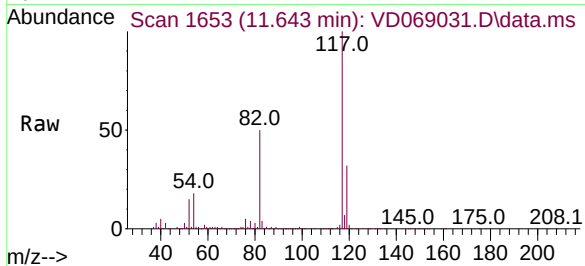




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

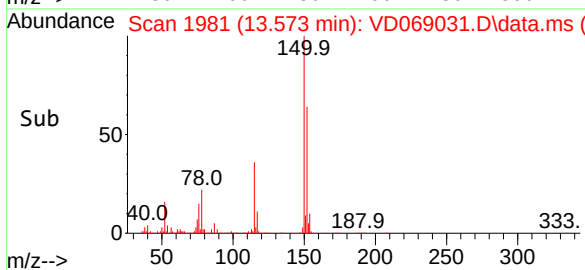
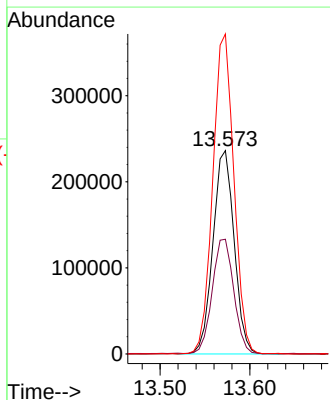
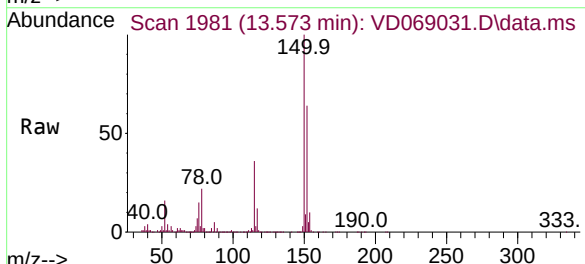
Instrument :
MSVOA_D
ClientSampleId :

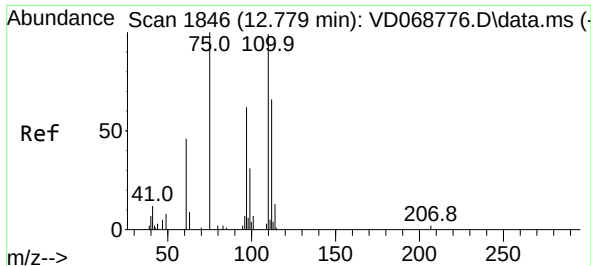
Tgt Ion:117 Resp: 698107
Ion Ratio Lower Upper
117 100
82 49.9 43.5 65.3
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion:152 Resp: 388224
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 156.5 0.0 347.6

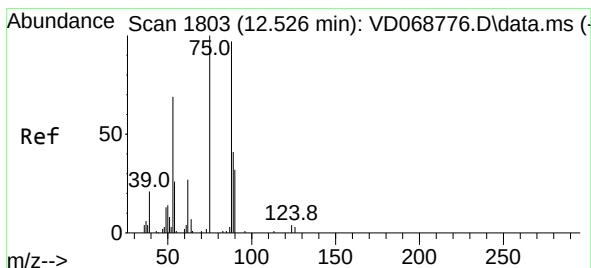
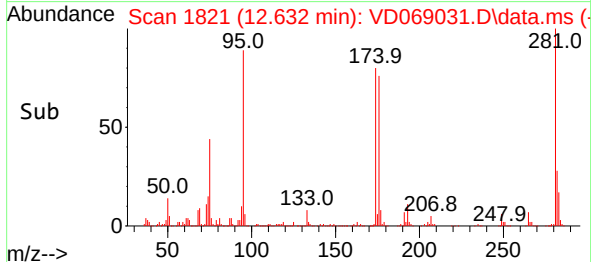
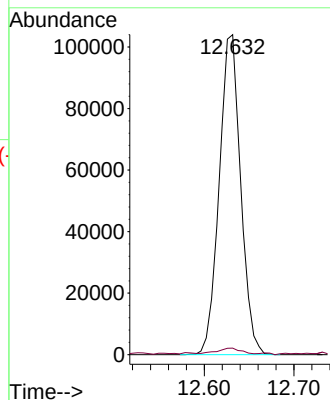
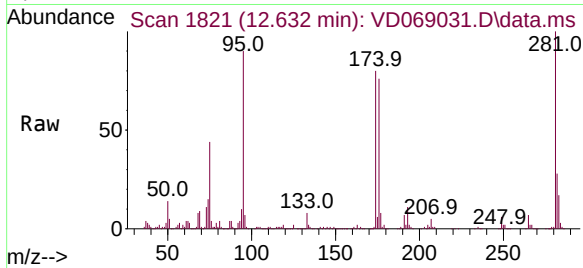




#76
1,2,3-Trichloropropane
Concen: 48.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 172599
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.94 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069031.D
Acq: 29 Apr 2021 21:16

Tgt Ion: 75 Resp: 172599
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 1.7 36.6 54.8#

