

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070697.D
 Acq On : 13 Oct 2021 14:56
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 04:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	313351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184351	49.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.908	113	192713	49.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.332	98	679790	45.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.600%
62) 4-Bromofluorobenzene	12.620	95	210521	42.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%

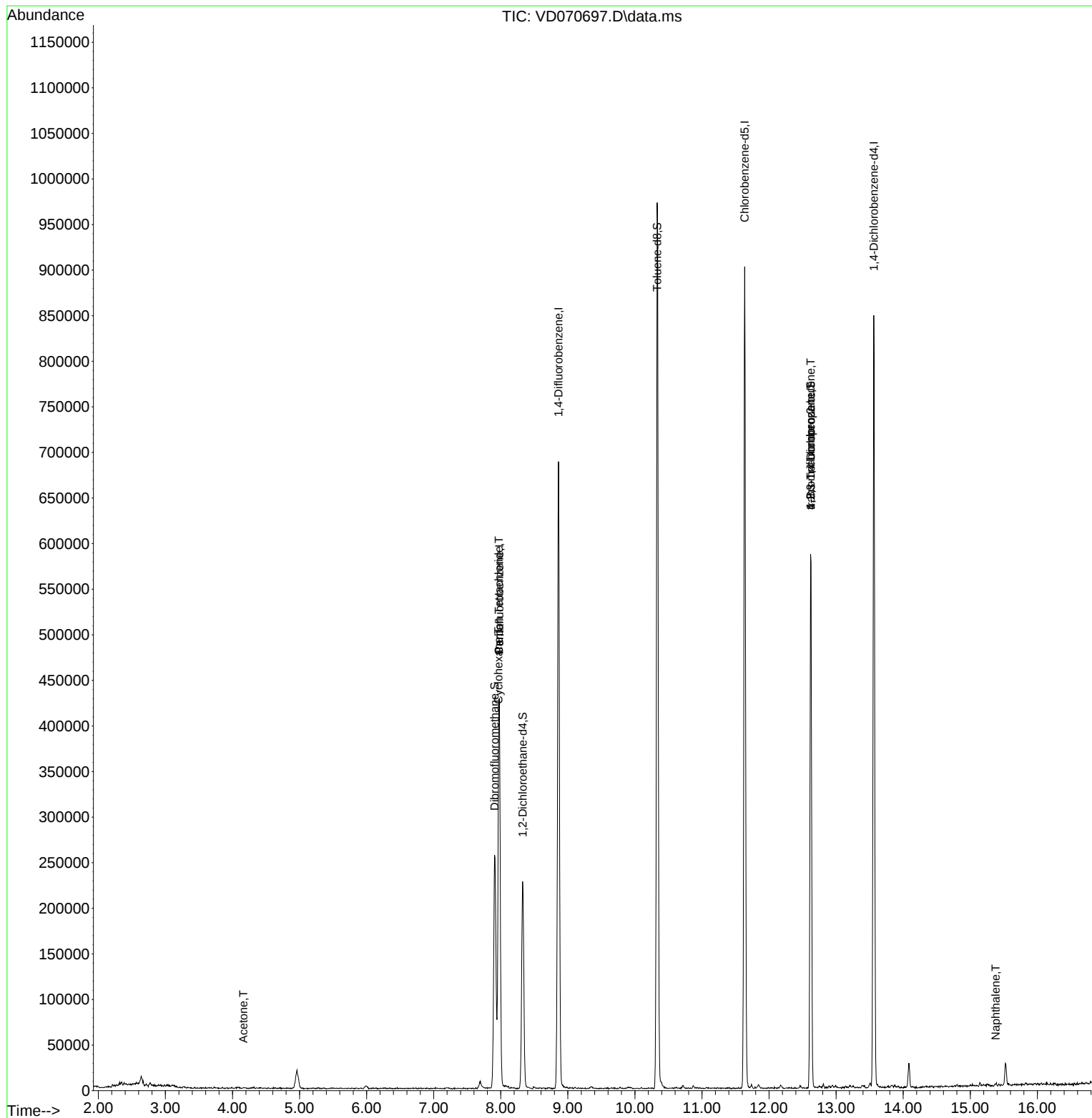
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	1776	Below Cal		95
16) Acetone	4.162	43	974	1.555 ug/l #		40
20) Methylene Chloride	4.962	84	16102	Below Cal		89
31) Cyclohexane	7.967	56	7269	1.065 ug/l #		1
38) Carbon Tetrachloride	7.973	117	34103	5.255 ug/l #		17
59) 2-Hexanone	10.979	43	263	Below Cal #		20
76) 1,2,3-Trichloropropane	12.620	75	98677	47.708 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	98677	105.920 ug/l #		17
95) Naphthalene	15.379	128	1835	2.730 ug/l #		76

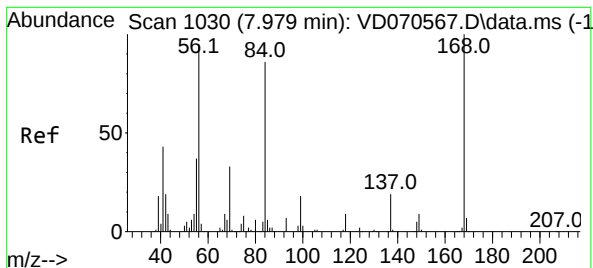
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
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Quant Time: Oct 14 04:04:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

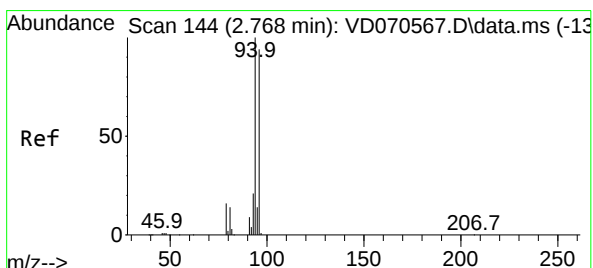
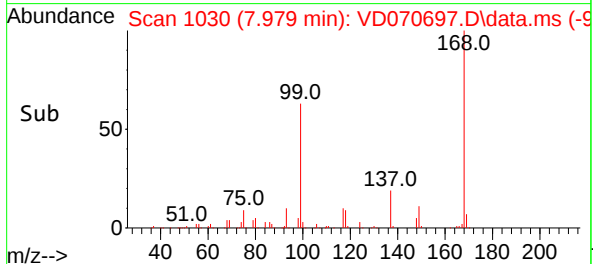
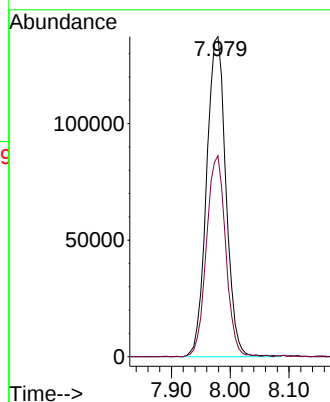
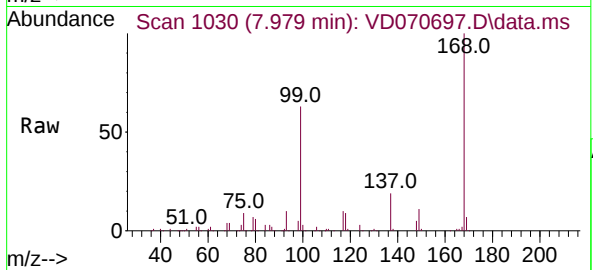




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

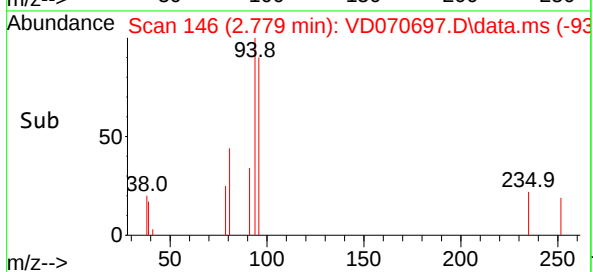
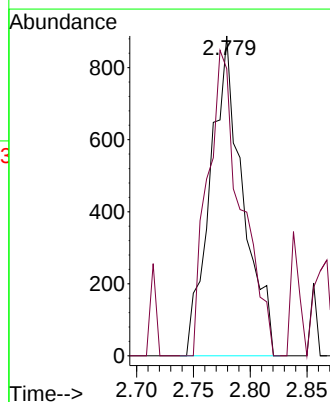
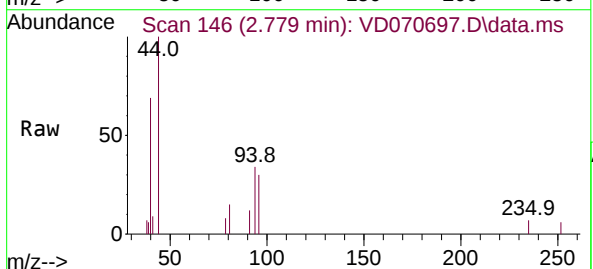
Instrument :
MSVOA_D
ClientSampled :

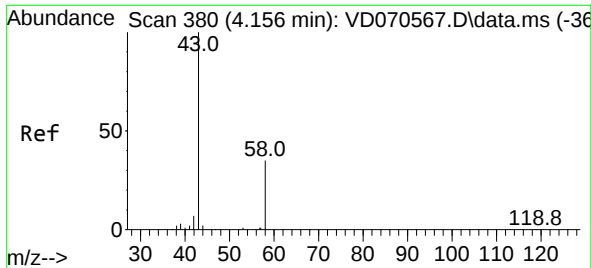
Tgt Ion:168 Resp: 313351
Ion Ratio Lower Upper
168 100
99 62.8 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 94 Resp: 1776
Ion Ratio Lower Upper
94 100
96 89.8 75.5 113.3

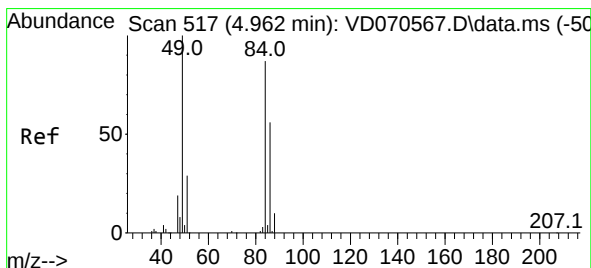
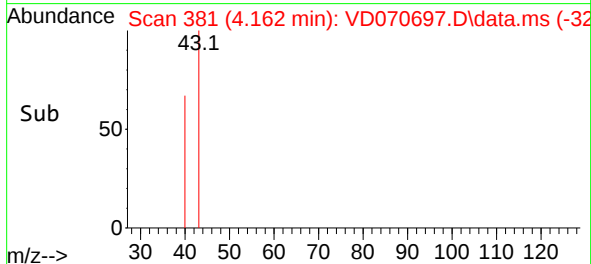
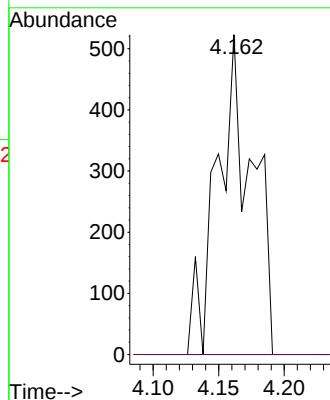
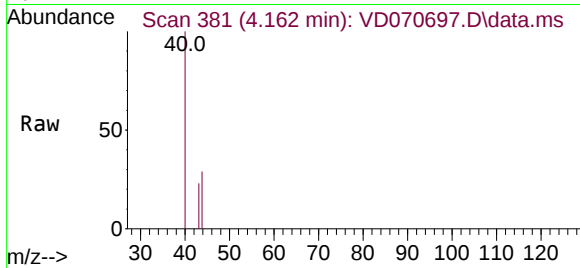




#16
Acetone
Concen: 1.555 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

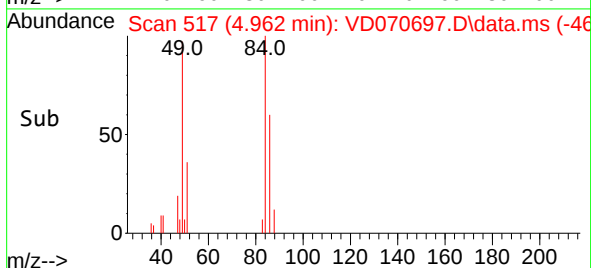
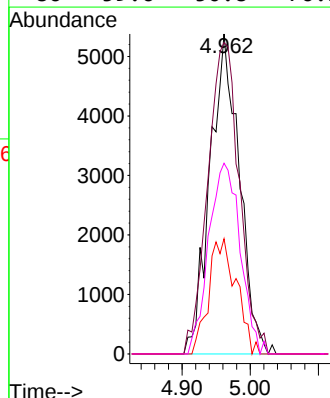
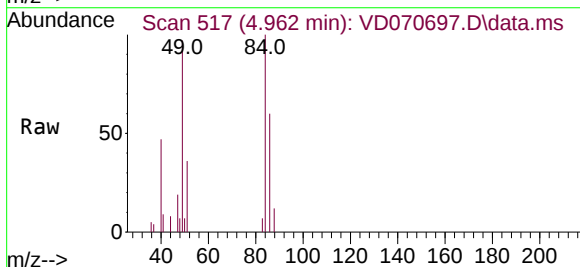
Instrument :
MSVOA_D
ClientSampled :

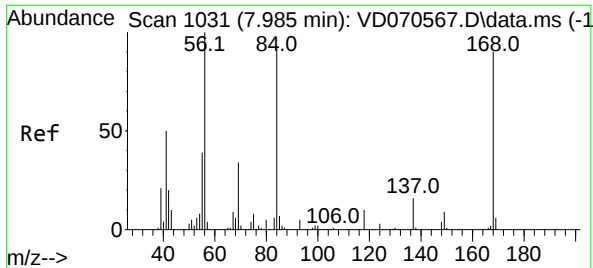
Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 84 Resp: 16102
Ion Ratio Lower Upper
84 100
49 97.3 91.4 137.2
51 36.0 26.7 40.1
86 59.6 50.8 76.2

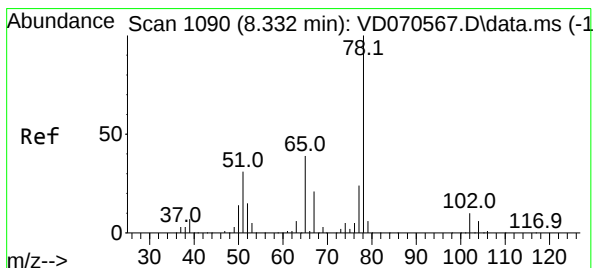
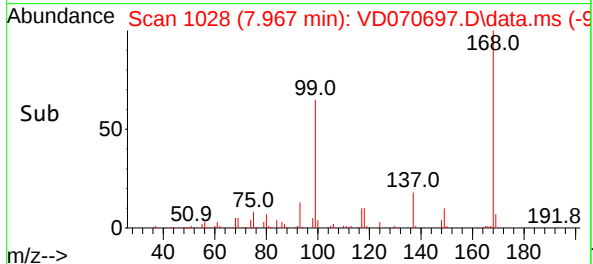
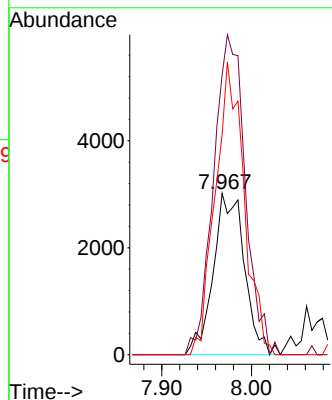
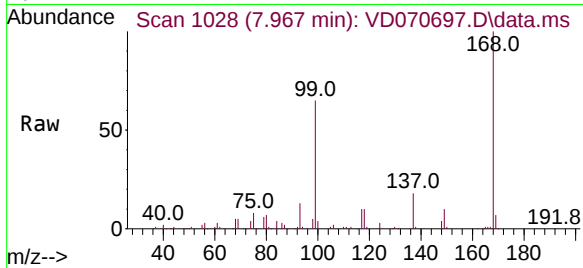




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

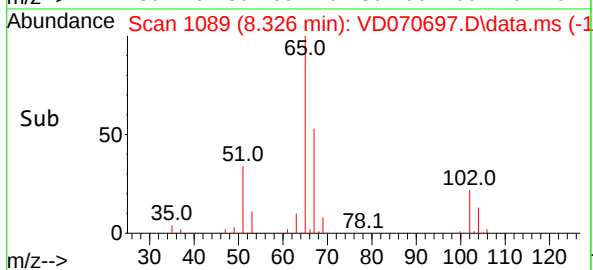
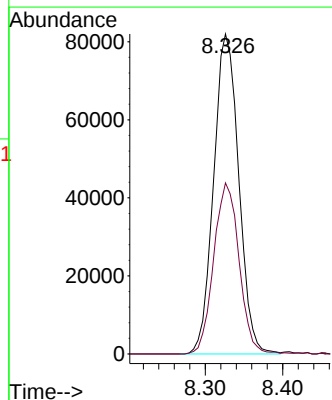
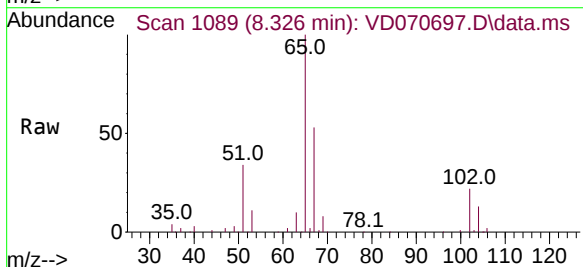
Instrument :
MSVOA_D
ClientSampleId :

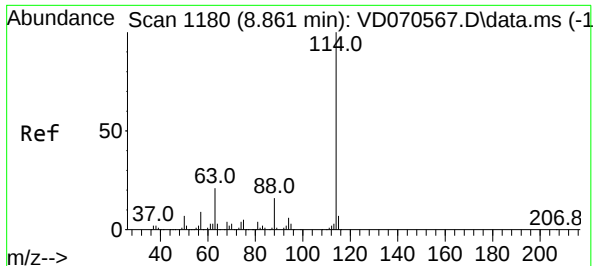
Tgt Ion: 56 Resp: 7269
Ion Ratio Lower Upper
56 100
69 173.4 27.4 41.2#
84 136.5 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 49.991 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 65 Resp: 184351
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2



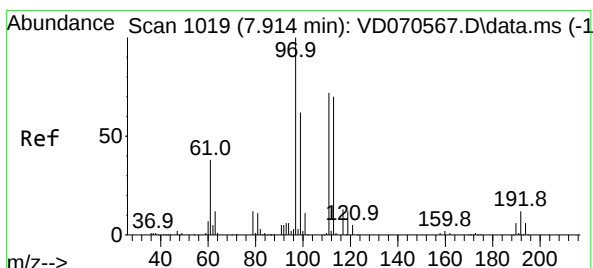
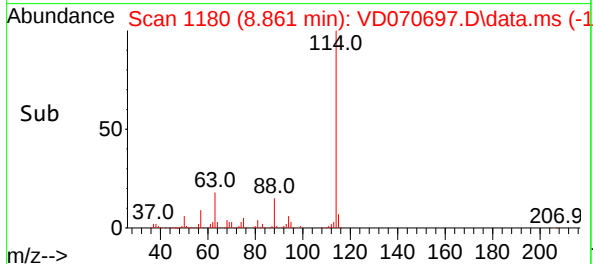
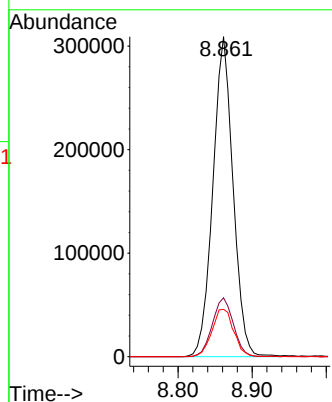
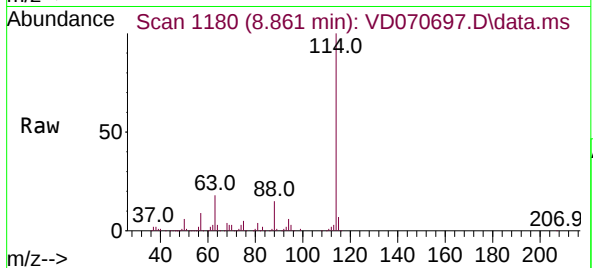


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :

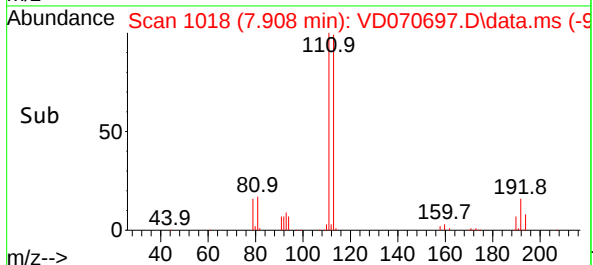
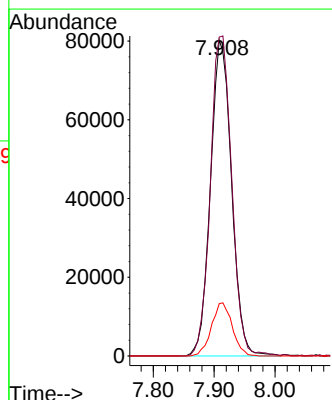
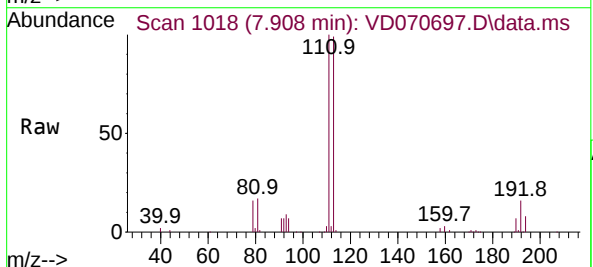
Tgt Ion:	114	Resp:	583930
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	41.8
88	14.8	0.0	32.6

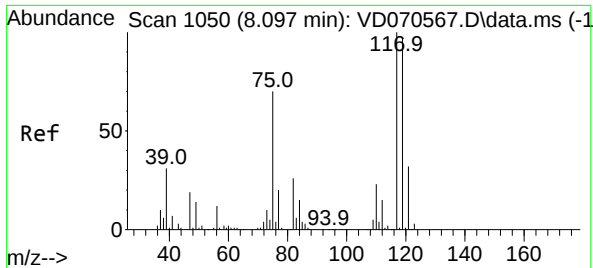


#35

Dibromofluoromethane
Concen: 49.639 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

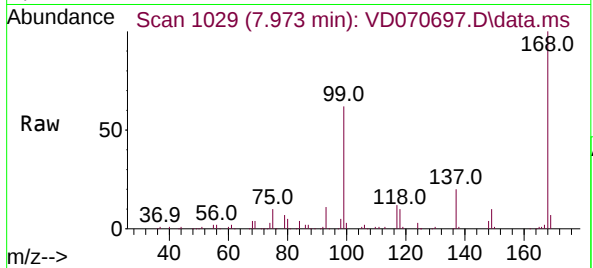
Tgt Ion:	113	Resp:	192713
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.1	124.7
192	16.6	12.7	19.1



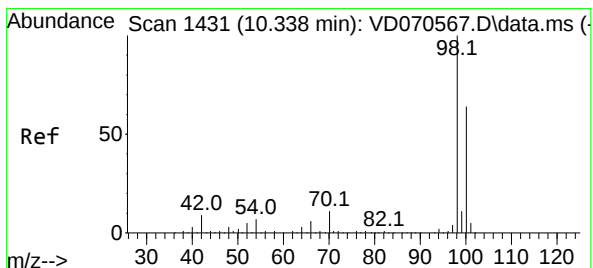
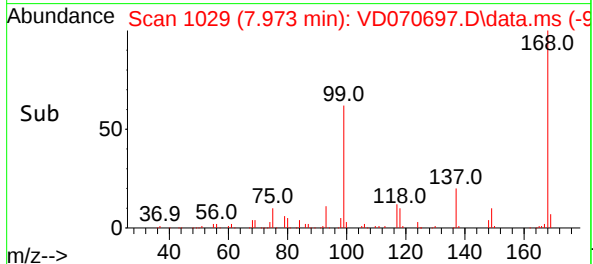
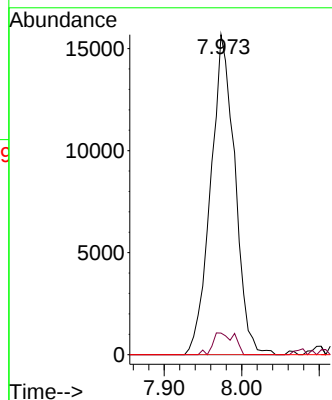


#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :

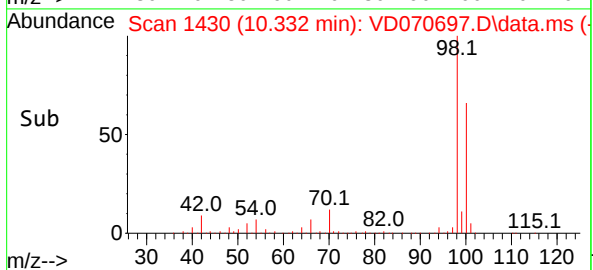
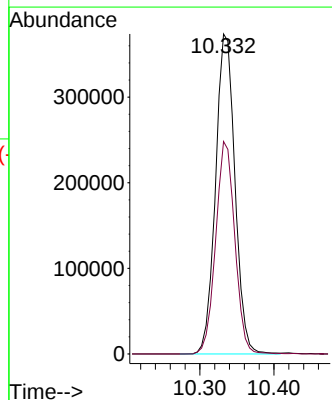
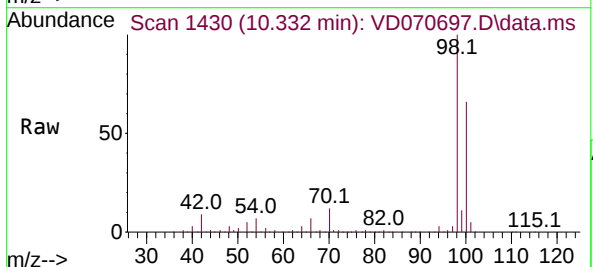


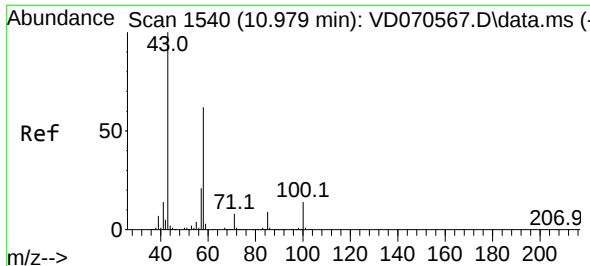
Tgt Ion:117 Resp: 34103
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 45.803 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 98 Resp: 679790
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

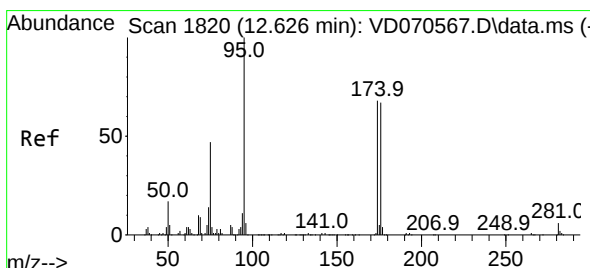
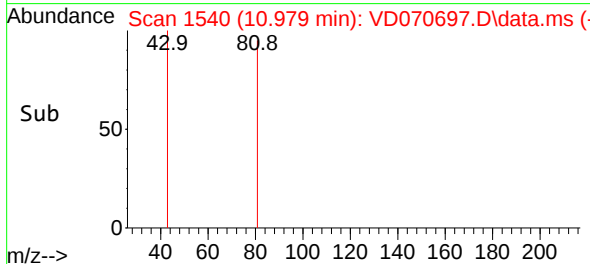
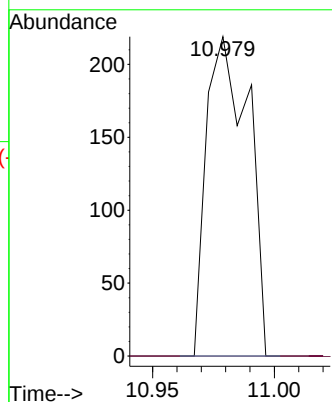
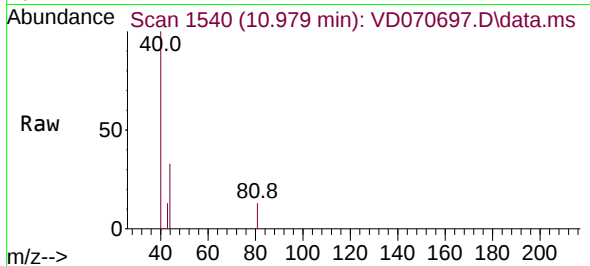




#59
2-Hexanone
Concen: Below Cal
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

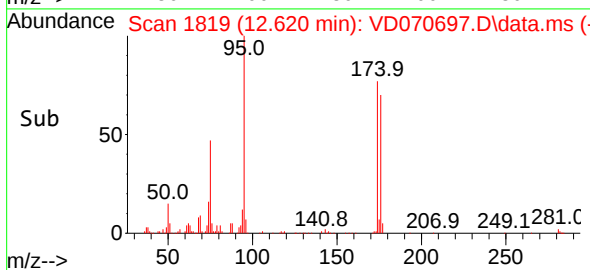
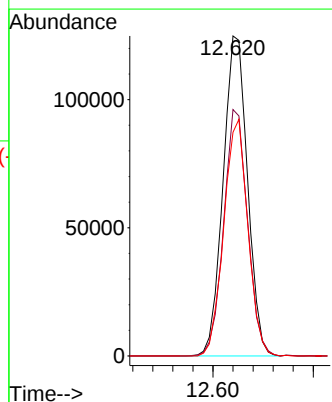
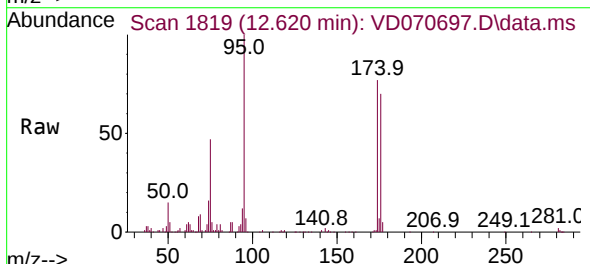
Instrument :
MSVOA_D
ClientSampled :

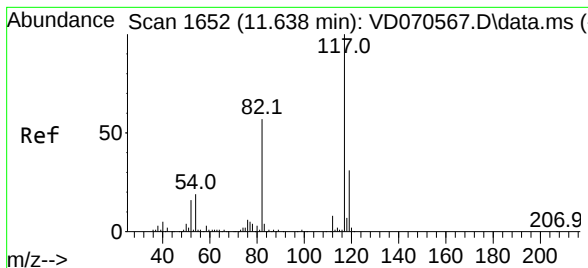
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 42.440 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 95 Resp: 210521
Ion Ratio Lower Upper
95 100
174 75.4 0.0 138.0
176 72.9 0.0 135.6

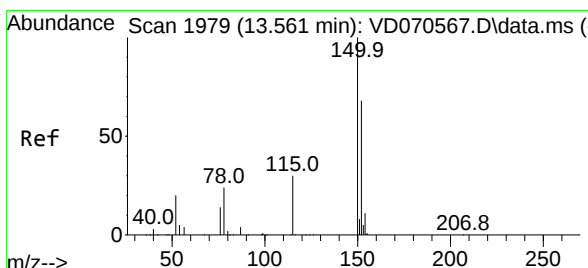
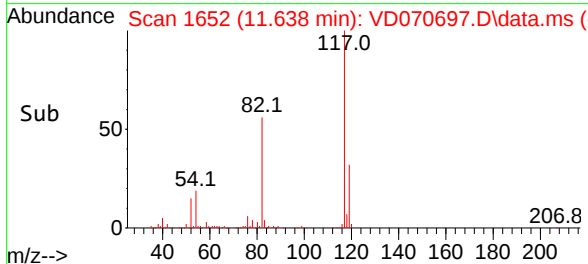
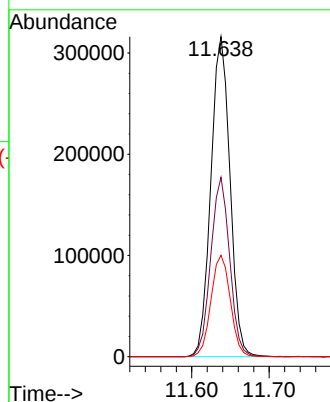
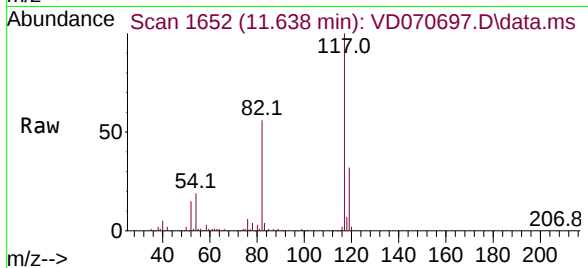




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

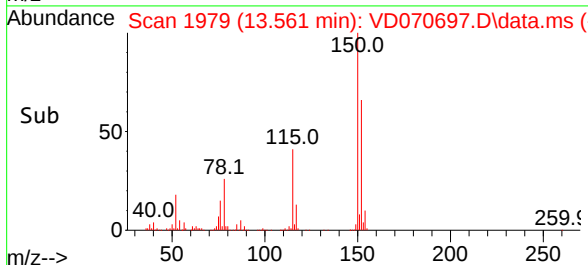
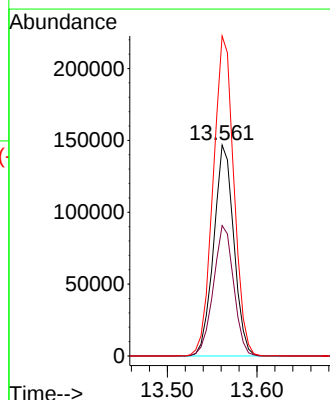
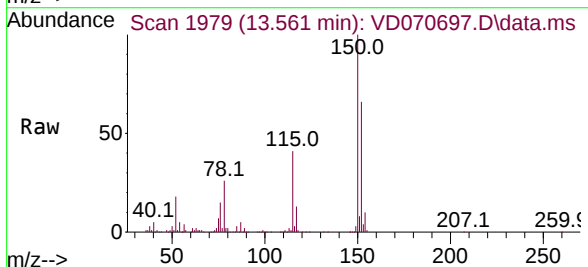
Instrument :
MSVOA_D
ClientSampleId :

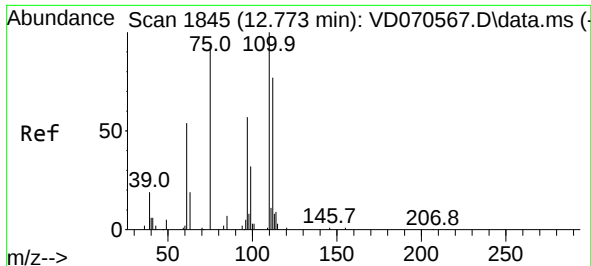
Tgt Ion:117 Resp: 542412
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion:152 Resp: 228519
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.7
150 156.1 0.0 350.0

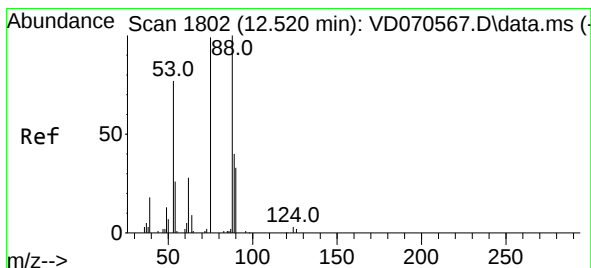
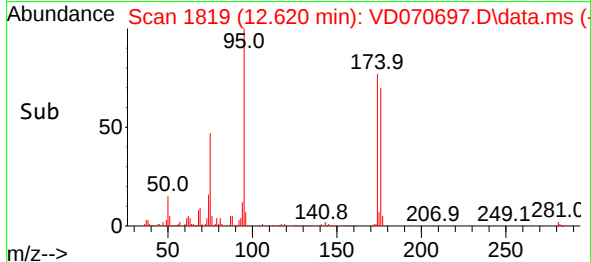
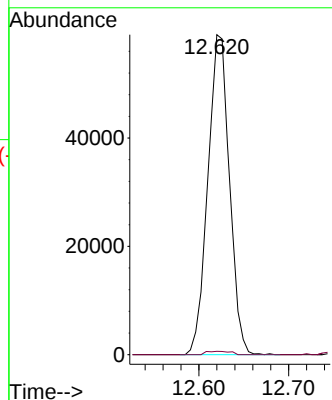
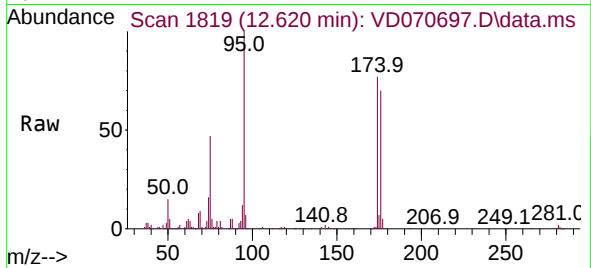




#76
1,2,3-Trichloropropane
Concen: 47.708 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

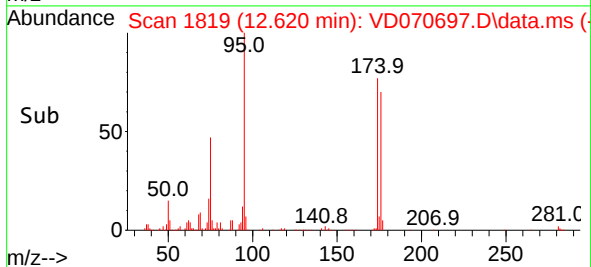
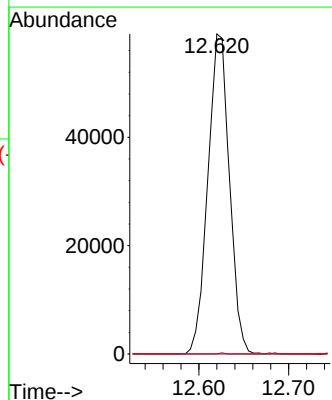
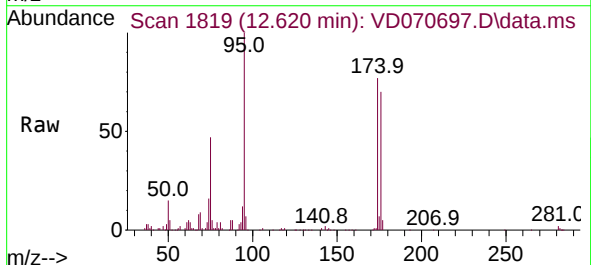
Instrument :
MSVOA_D
ClientSampled :

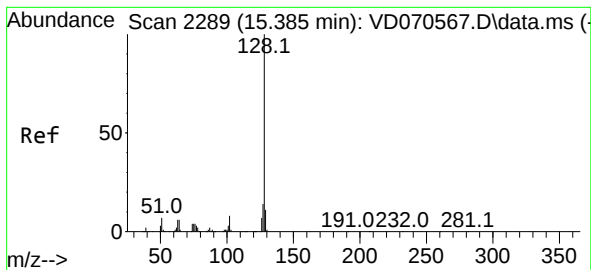
Tgt Ion: 75 Resp: 98677
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.920 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Tgt Ion: 75 Resp: 98677
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.730 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070697.D
Acq: 13 Oct 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1835
Ion Ratio Lower Upper
128 100
127 5.5 10.9 16.3#
129 0.0 8.6 12.8#

