

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070676.D
 Acq On : 12 Oct 2021 13:41
 Operator : VA/SY
 Sample : M4163-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-100821

Quant Time: Oct 13 06:35:54 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)

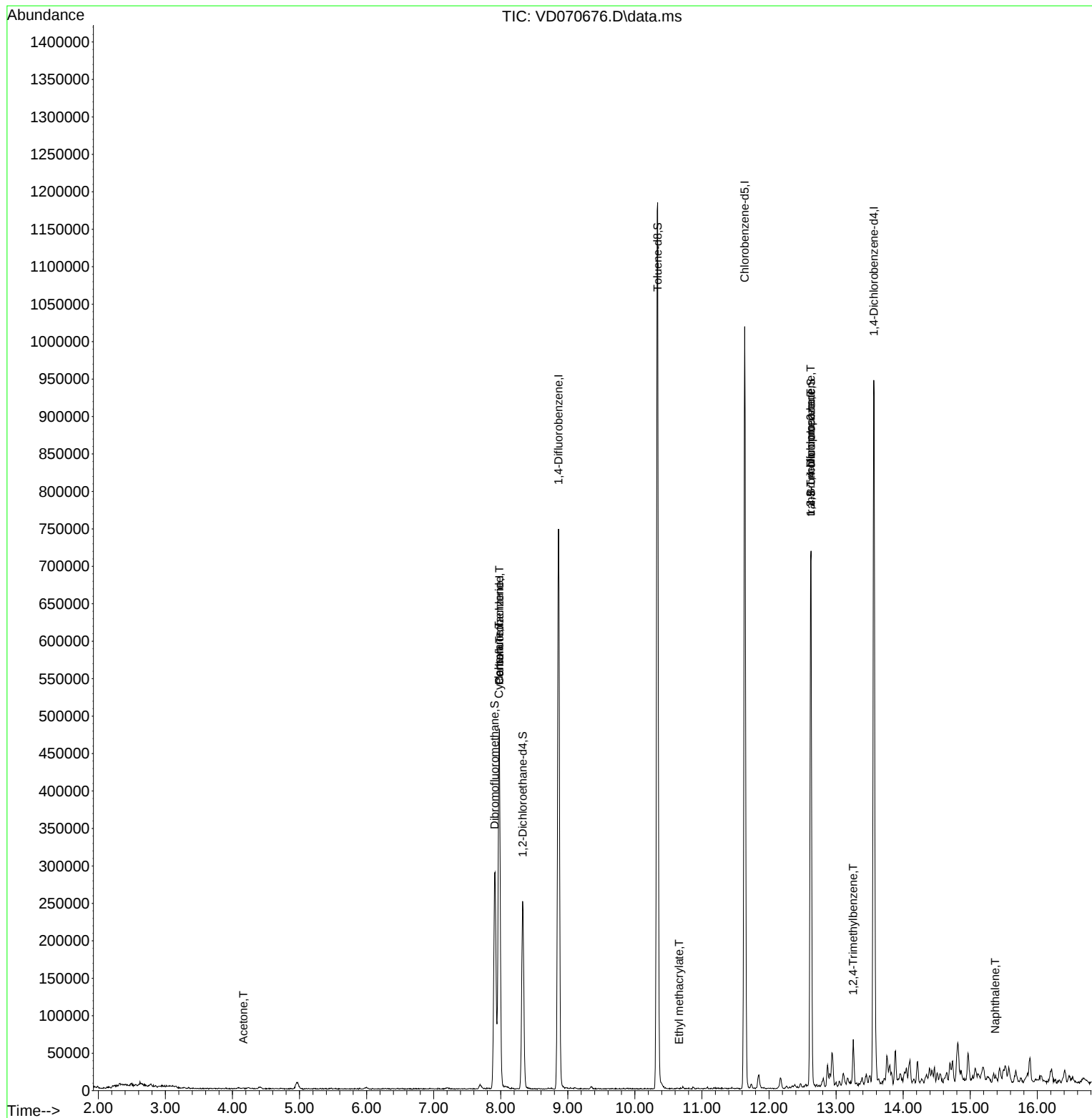
Internal Standards						
1) Pentafluorobenzene	7.979	168	336918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	610134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197296	49.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.909	113	214007	49.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.338	98	828980	50.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.626	95	255935	46.250	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.500%
Target Compounds						Qvalue
5) Bromomethane	2.779	94	2114	Below Cal		91
16) Acetone	4.162	43	969	1.439	ug/l	98
20) Methylene Chloride	4.973	84	7840	Below Cal	#	76
31) Cyclohexane	7.973	56	7892	1.075	ug/l #	1
38) Carbon Tetrachloride	7.979	117	37101	5.124	ug/l #	15
56) Ethyl methacrylate	10.661	69	69	1.389	ug/l #	6
59) 2-Hexanone	10.991	43	226	Below Cal		99
76) 1,2,3-Trichloropropane	12.620	75	120179	51.134	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	120179	113.525	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.255	105	31308	1.949	ug/l	91
95) Naphthalene	15.373	128	3702	2.917	ug/l #	87

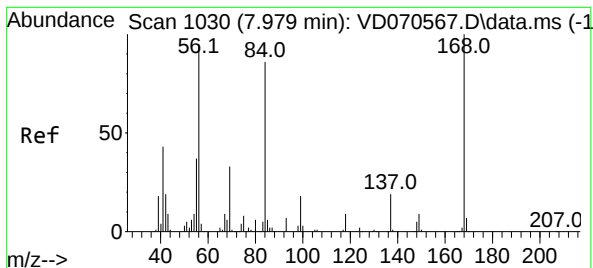
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

Quant Time: Oct 13 06:35:54 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

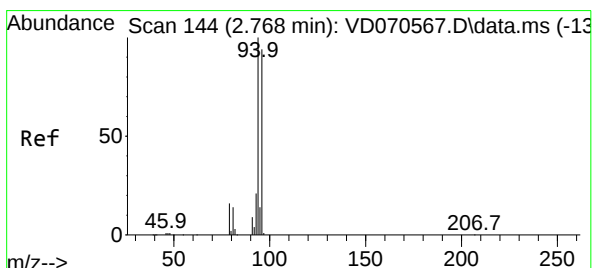
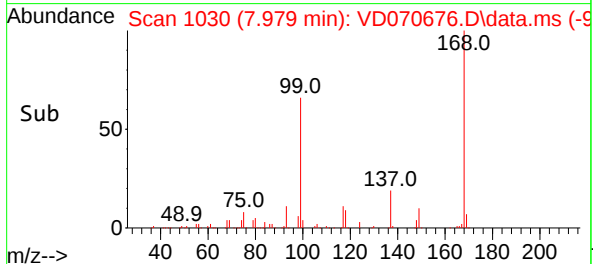
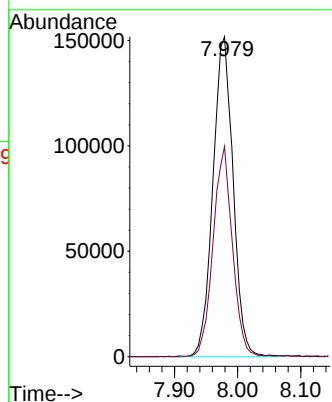
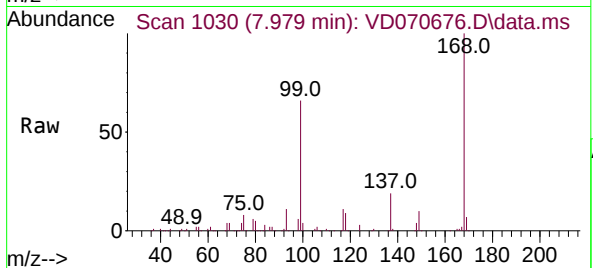




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

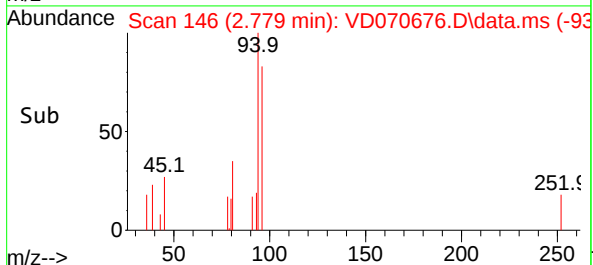
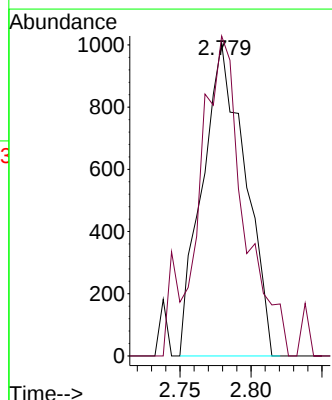
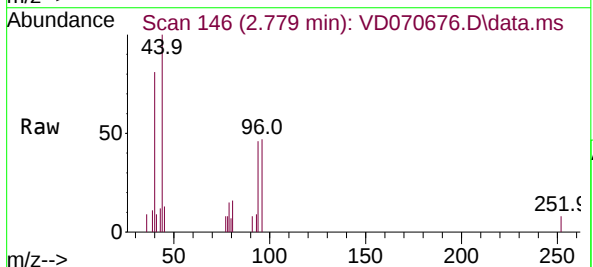
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

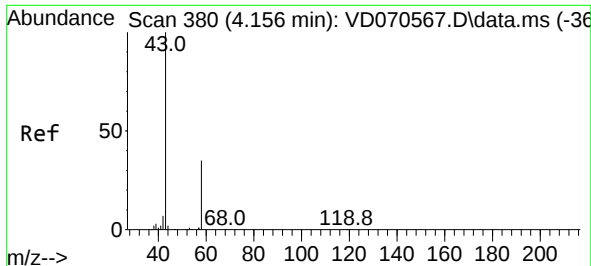
Tgt Ion:168 Resp: 336918
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 94 Resp: 2114
Ion Ratio Lower Upper
94 100
96 85.6 75.5 113.3

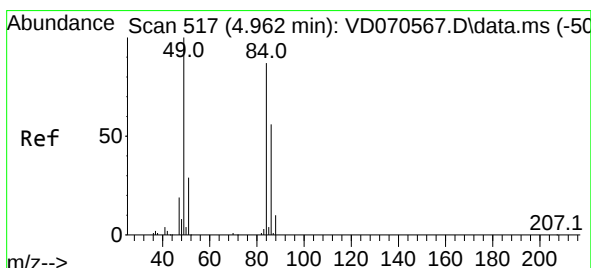
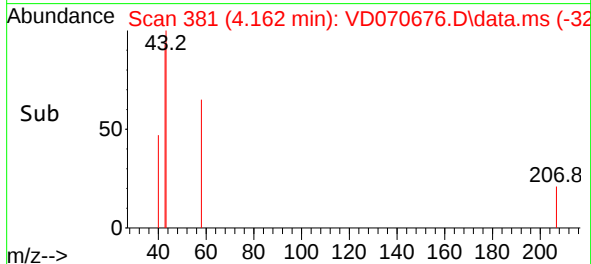
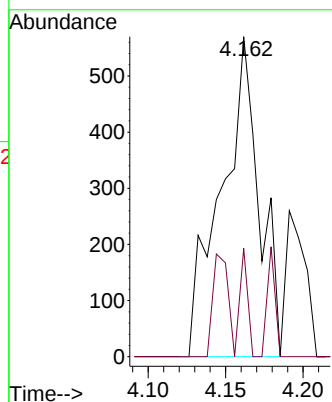
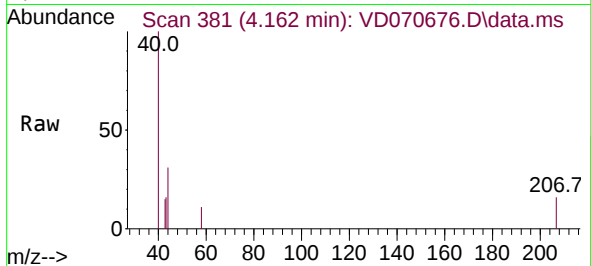




#16
Acetone
Concen: 1.439 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

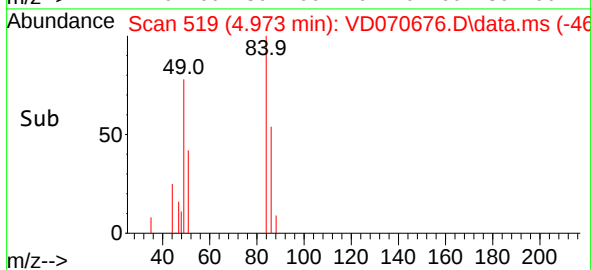
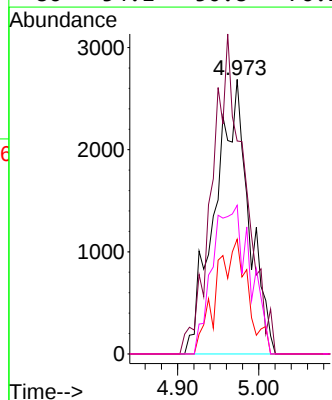
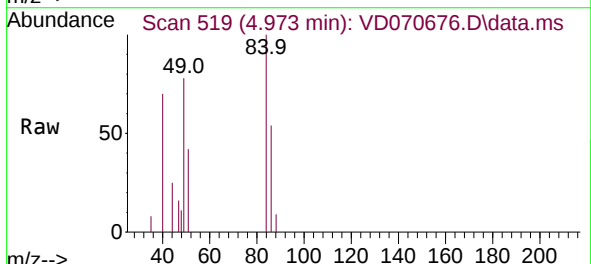
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

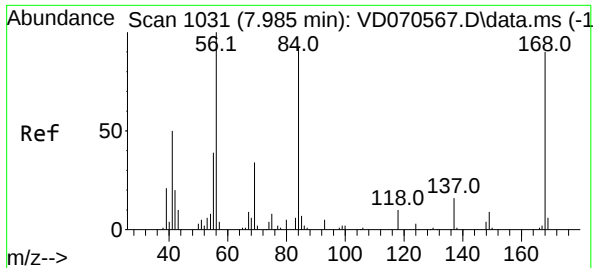
Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 33.9 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 84 Resp: 7840
Ion Ratio Lower Upper
84 100
49 77.6 91.4 137.2#
51 41.8 26.7 40.1#
86 54.1 50.8 76.2

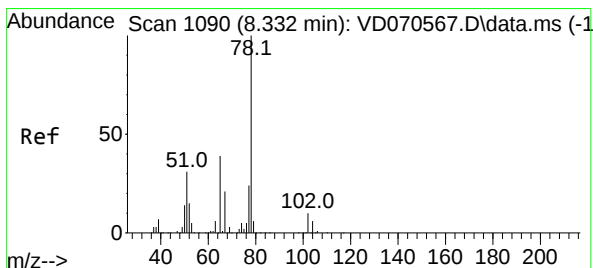
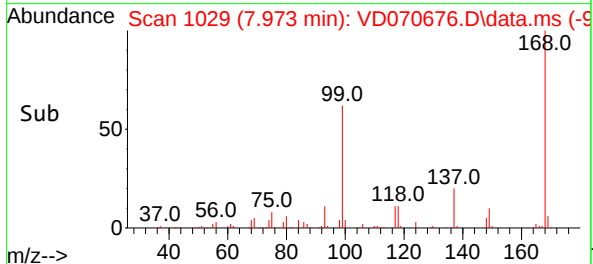
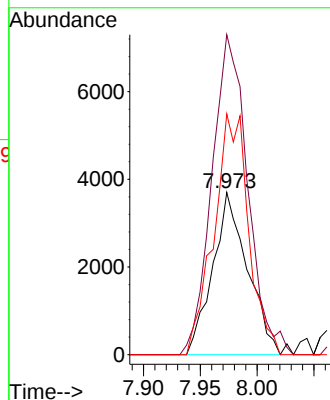
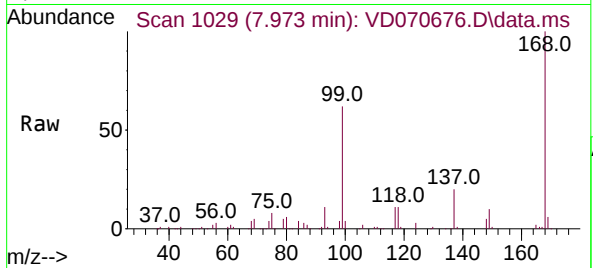




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

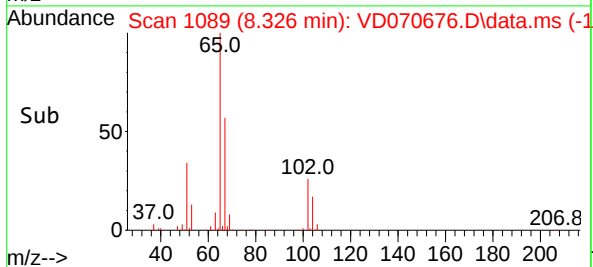
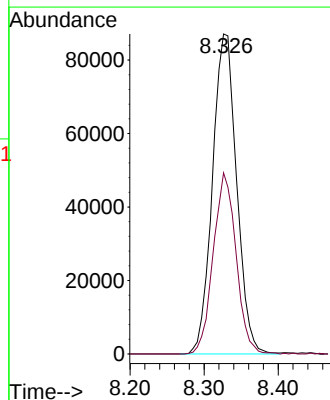
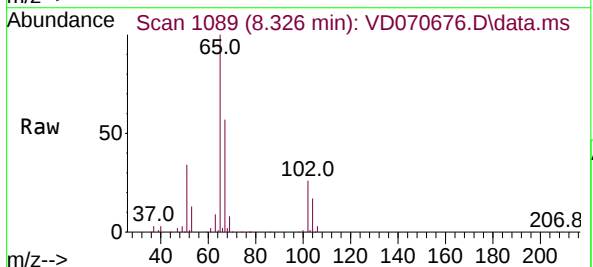
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

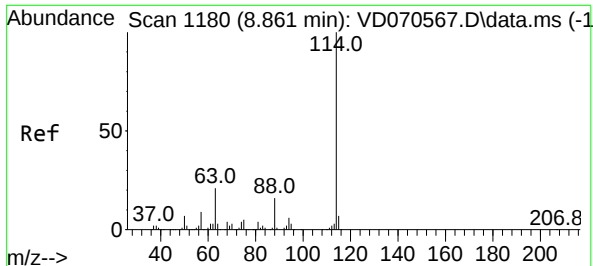
Tgt Ion: 56 Resp: 7892
Ion Ratio Lower Upper
56 100
69 197.3 27.4 41.2#
84 148.5 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 49.759 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 65 Resp: 197296
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2



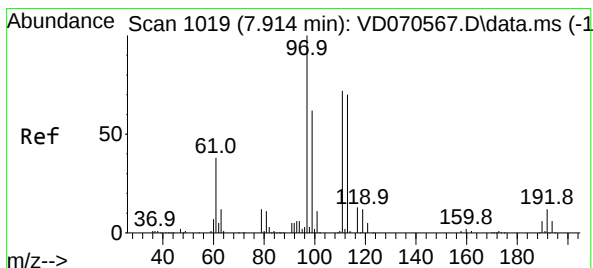
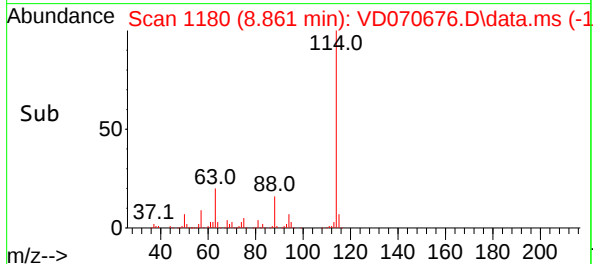
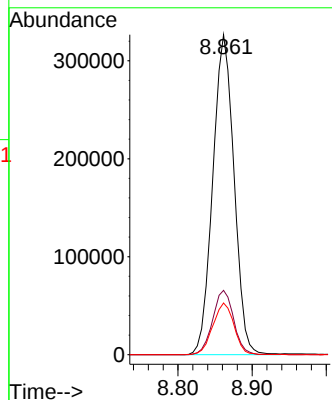
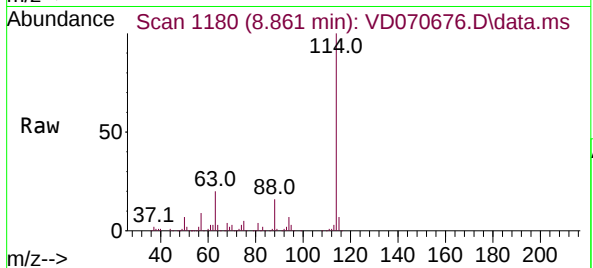


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

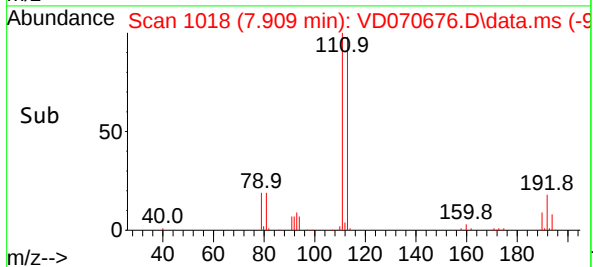
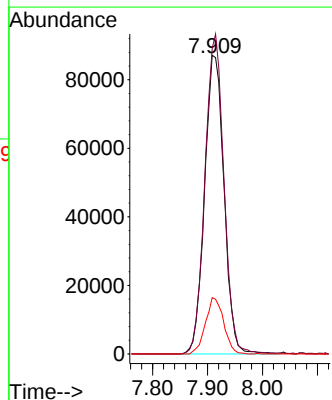
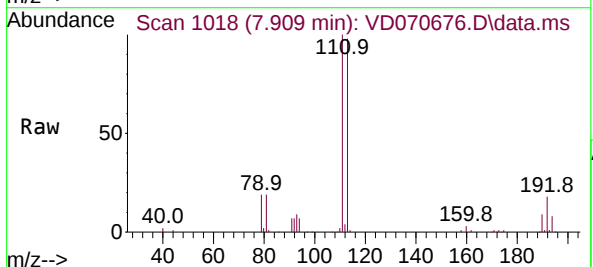
Tgt Ion:114 Resp: 651419
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 16.2 0.0 32.6

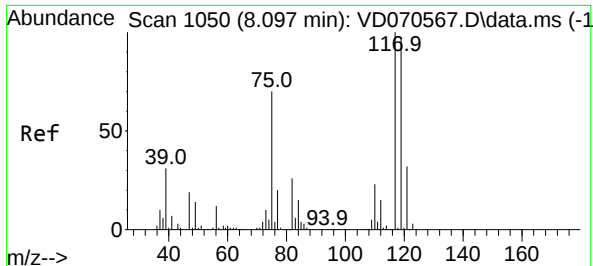


#35

Dibromofluoromethane
Concen: 49.413 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

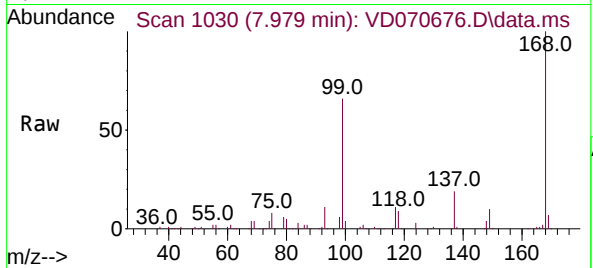
Tgt Ion:113 Resp: 214007
Ion Ratio Lower Upper
113 100
111 104.6 83.1 124.7
192 17.6 12.7 19.1



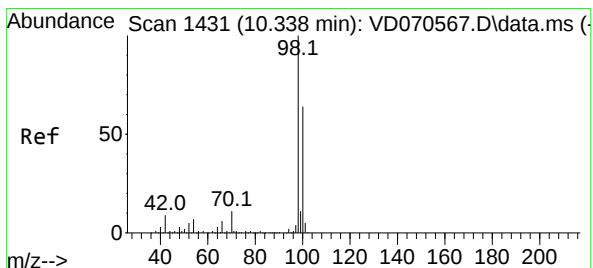
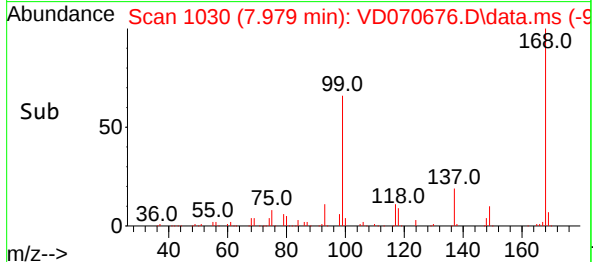
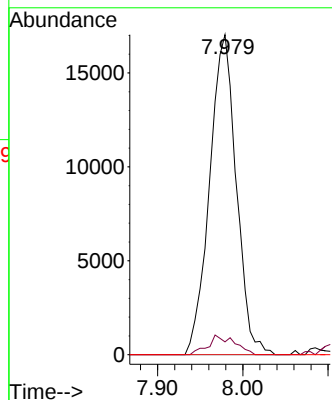


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

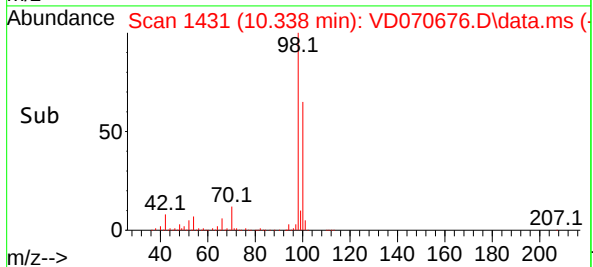
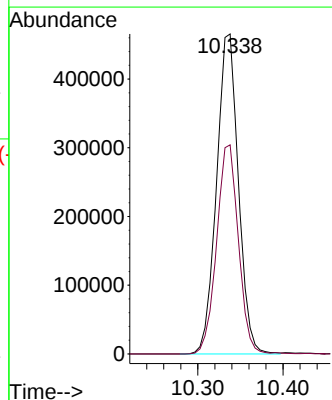
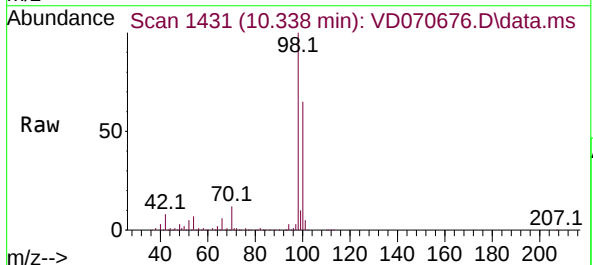


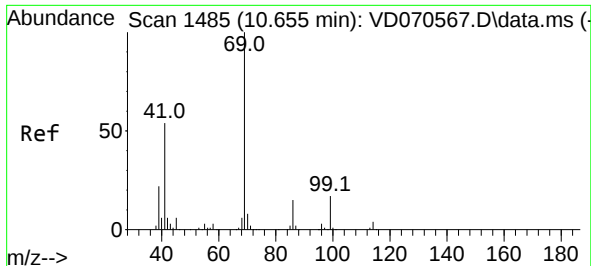
Tgt Ion:117 Resp: 37101
Ion Ratio Lower Upper
117 100
119 4.0 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.069 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 98 Resp: 828980
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

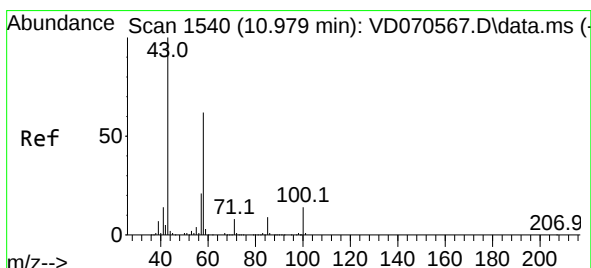
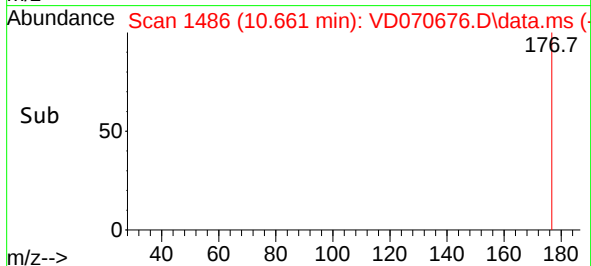
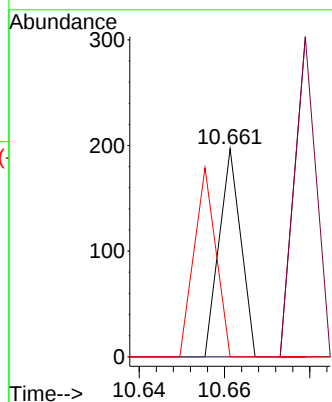
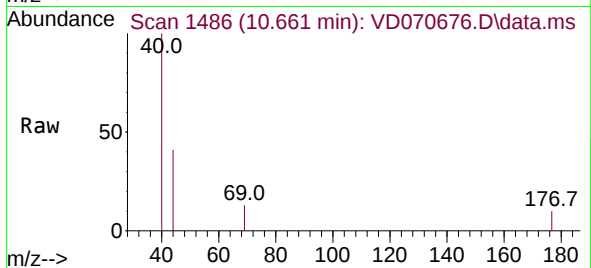




#56
Ethyl methacrylate
Concen: 1.389 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

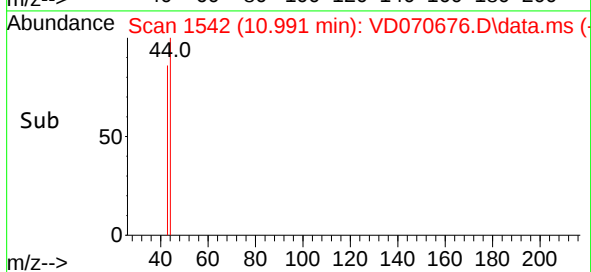
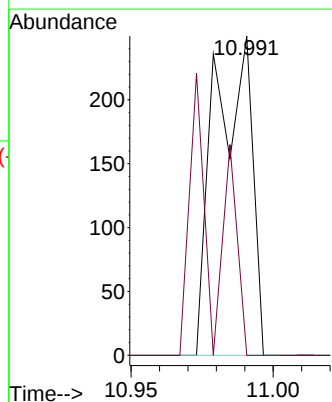
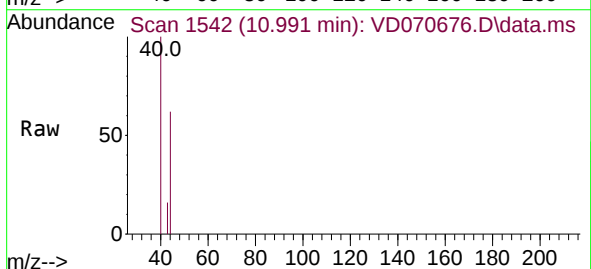
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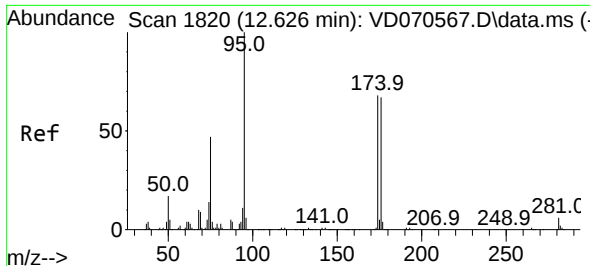
Tgt Ion: 69 Resp: 69
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 91.3 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.991 min Scan# 1542
Delta R.T. 0.012 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 60.2 30.4 91.3

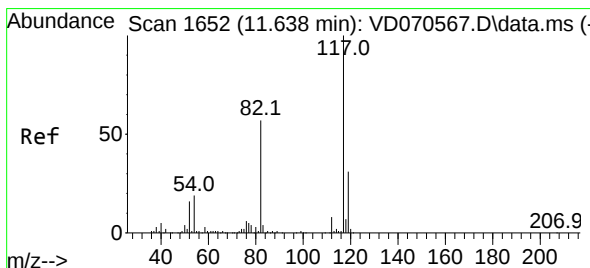
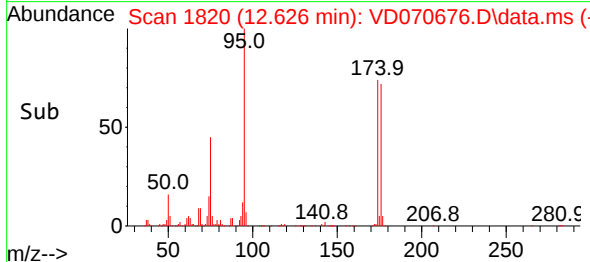
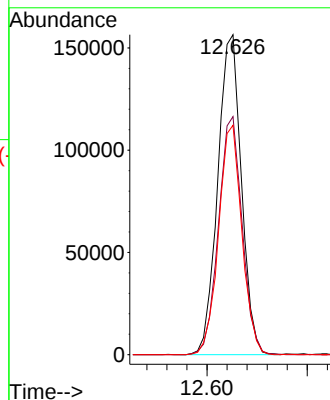
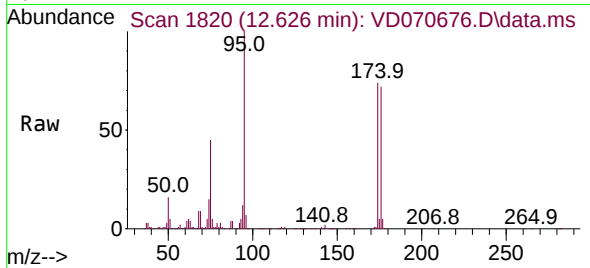




#62
4-Bromofluorobenzene
Concen: 46.250 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

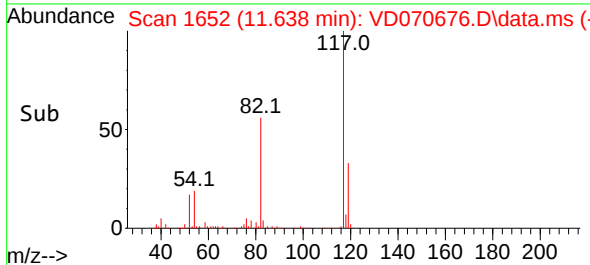
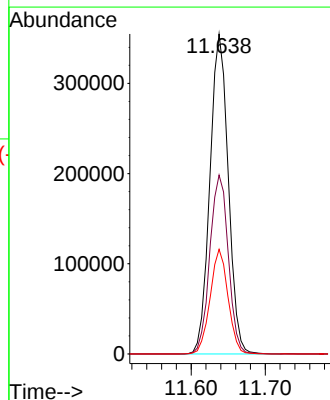
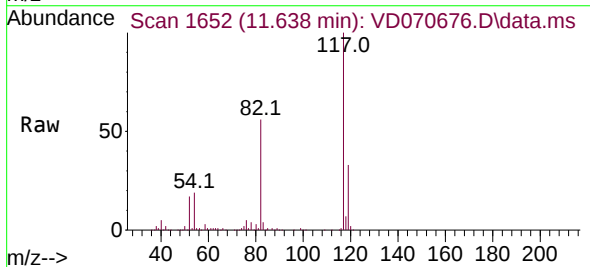
Instrument :
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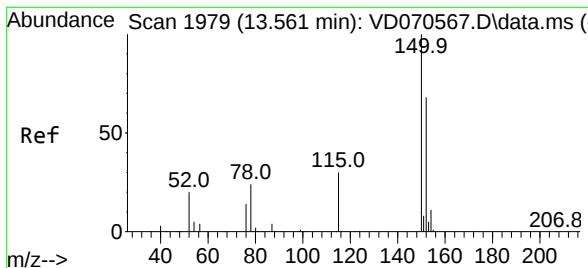
Tgt Ion: 95 Resp: 255935
Ion Ratio Lower Upper
95 100
174 74.4 0.0 138.0
176 70.6 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 117 Resp: 610134
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.7 24.7 37.1

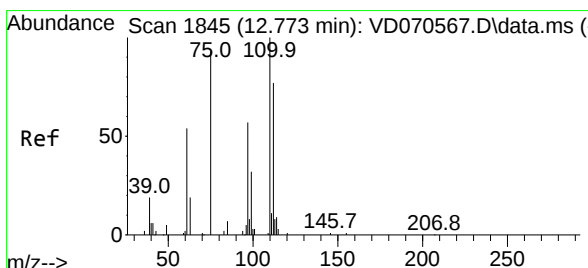
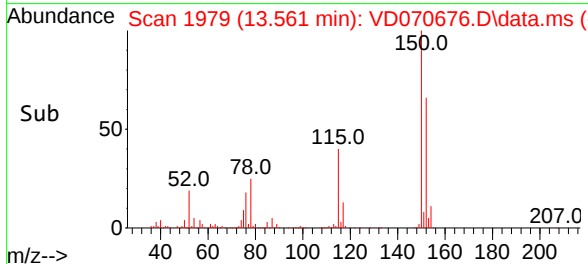
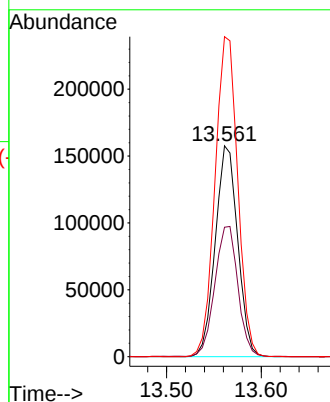
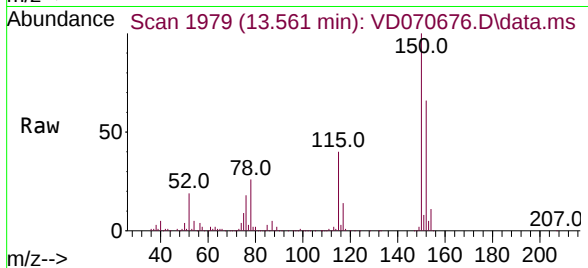




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

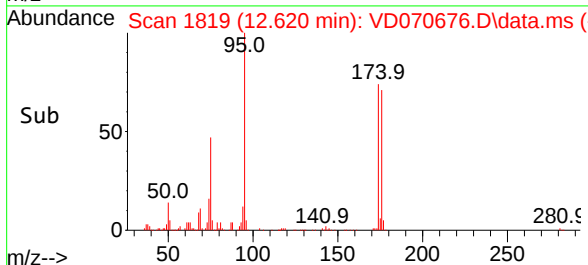
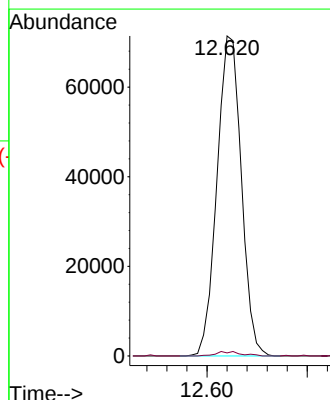
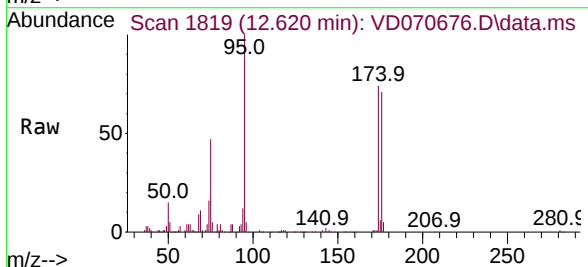
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

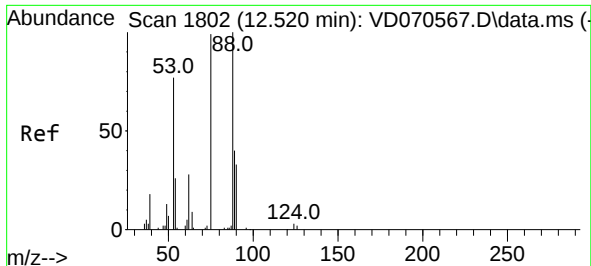
Tgt Ion:152 Resp: 259670
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 153.5 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 51.134 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion: 75 Resp: 120179
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

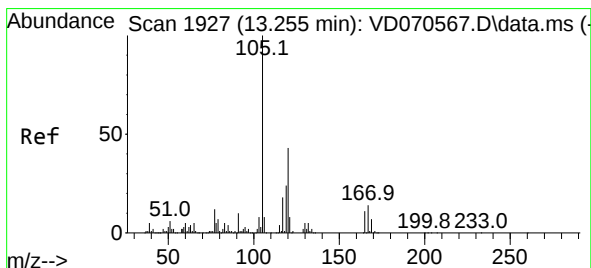
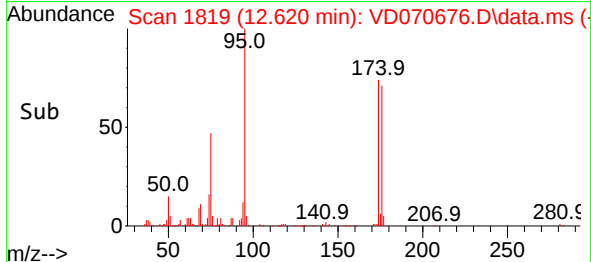
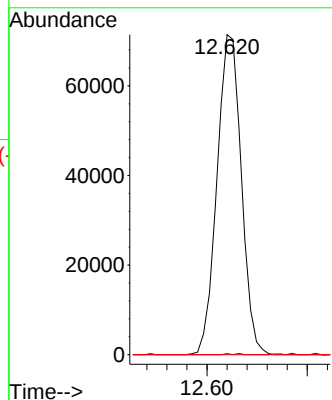
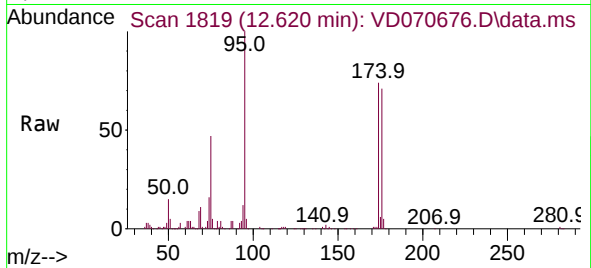




#81
trans-1,4-Dichloro-2-butene
Concen: 113.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

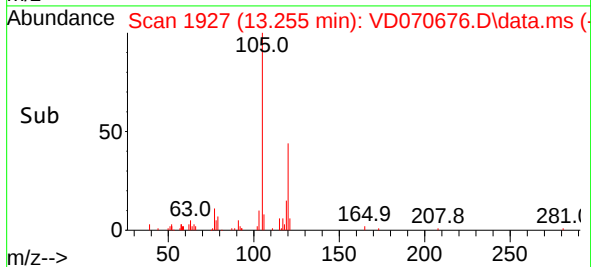
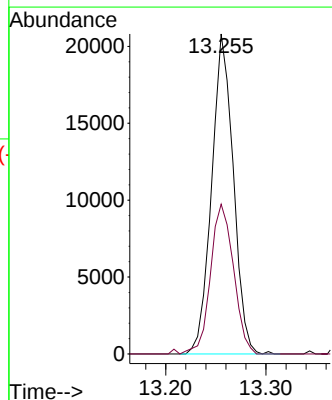
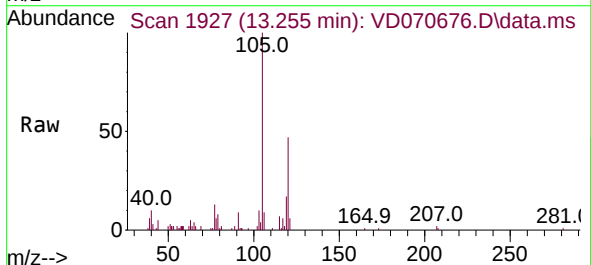
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

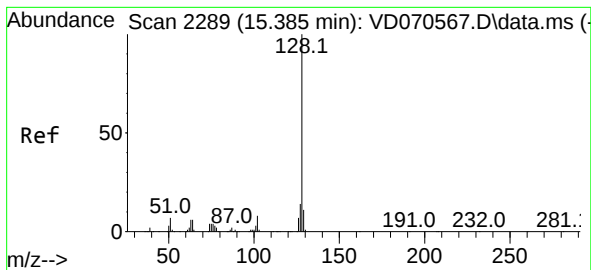
Tgt Ion: 75 Resp: 120179
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 35.3 52.9#



#84
1,2,4-Trimethylbenzene
Concen: 1.949 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Tgt Ion:105 Resp: 31308
Ion Ratio Lower Upper
105 100
120 49.6 21.9 65.8





#95
Naphthalene
Concen: 2.917 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD070676.D
Acq: 12 Oct 2021 13:41

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

Tgt Ion:128 Resp: 3702
Ion Ratio Lower Upper
128 100
127 16.4 10.9 16.3#
129 18.5 8.6 12.8#

