

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070675.D
 Acq On : 12 Oct 2021 13:13
 Operator : VA/SY
 Sample : M4136-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

Quant Time: Oct 13 06:35:37 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

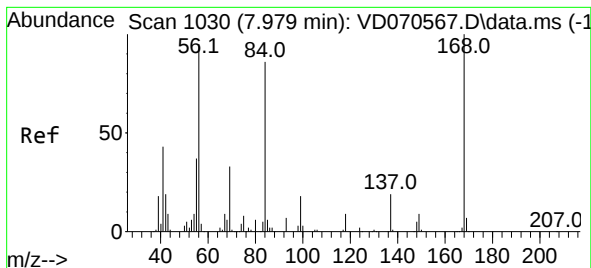
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	364272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	715406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212570	49.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.180%		
35) Dibromofluoromethane	7.914	113	230048	48.366	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.332	98	948897	52.185	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.380%		
62) 4-Bromofluorobenzene	12.620	95	306191	50.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.760%		
Target Compounds						
5) Bromomethane	2.779	94	2895	Below Cal		89
10) Methyl Iodide	4.297	142	1523	1.038 ug/l #		89
16) Acetone	4.150	43	1292	1.775 ug/l #		74
20) Methylene Chloride	4.956	84	15291	Below Cal		85
31) Cyclohexane	7.973	56	11990	1.510 ug/l #		27
39) Methylcyclohexane	9.350	83	15124	1.731 ug/l		86
55) 1,1,2-Trichloroethane	10.767	97	12663	3.169 ug/l #		22
56) Ethyl methacrylate	10.673	69	6453	2.689 ug/l #		19
59) 2-Hexanone	10.944	43	10865	2.667 ug/l #		26
74) N-amyl acetate	12.261	43	6192	1.621 ug/l #		57
76) 1,2,3-Trichloropropane	12.620	75	147453	58.580 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	147453	130.058 ug/l #		18
95) Naphthalene	15.379	128	4299	2.953 ug/l #		93

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

Quant Time: Oct 13 06:35:37 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

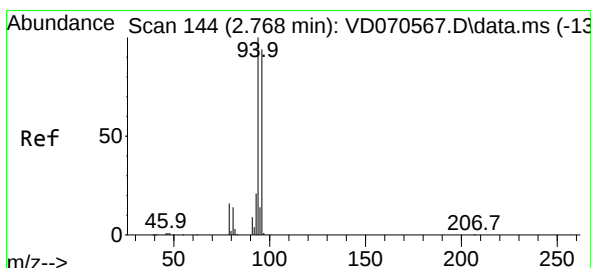
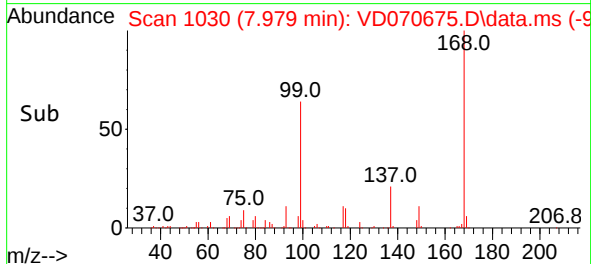
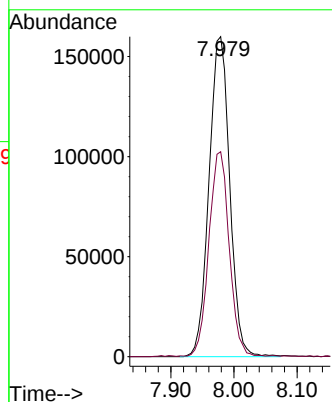
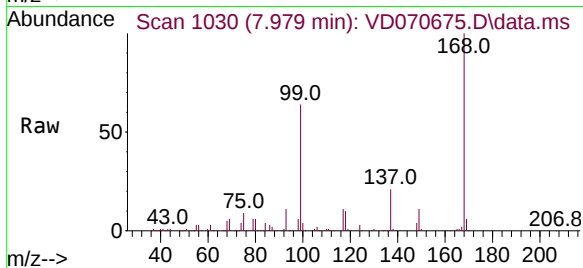




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

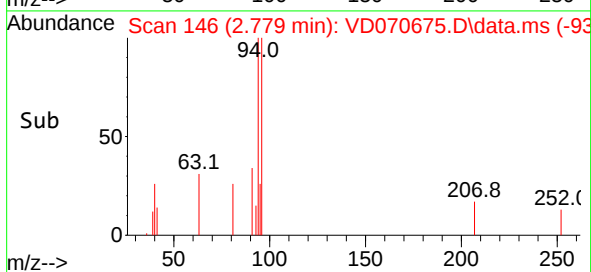
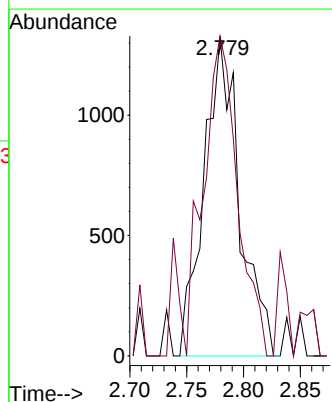
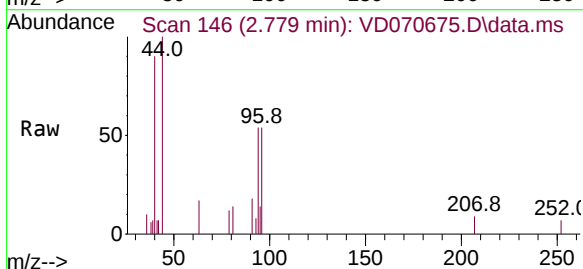
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

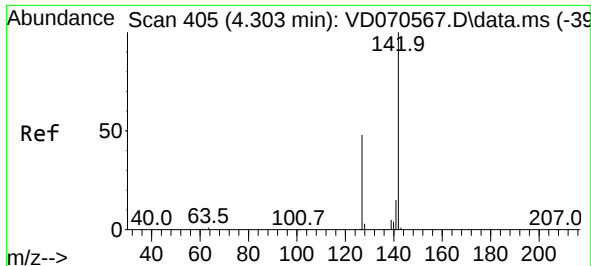
Tgt Ion:168 Resp: 364272
Ion Ratio Lower Upper
168 100
99 63.9 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

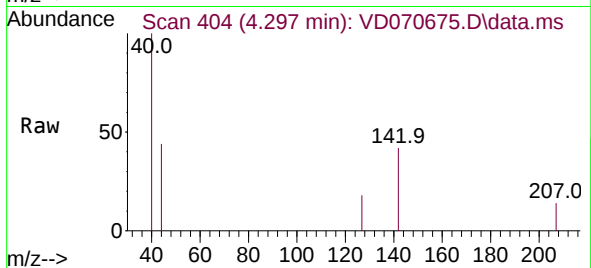
Tgt Ion: 94 Resp: 2895
Ion Ratio Lower Upper
94 100
96 83.8 75.5 113.3



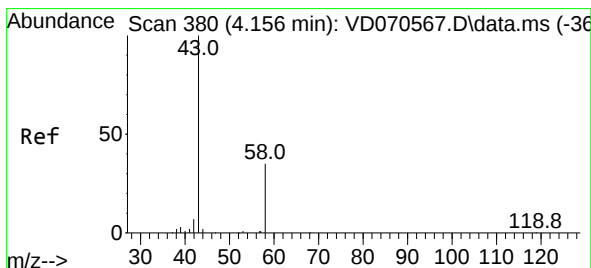
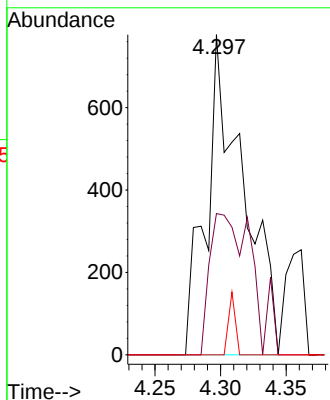
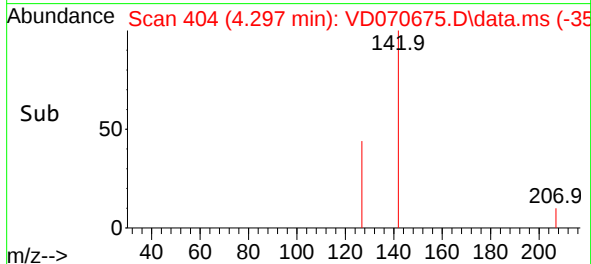


#10
Methyl Iodide
Concen: 1.038 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

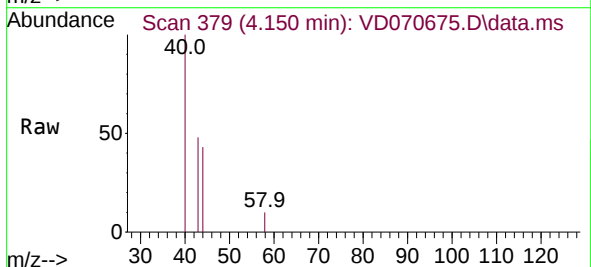
Instrument :
MSVOA_D
ClientSampleId :
PSC124042



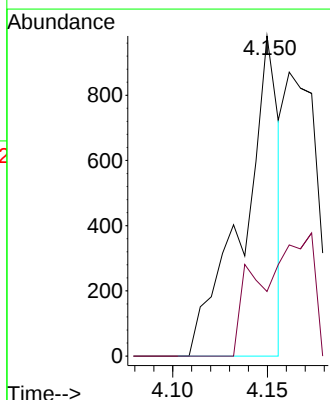
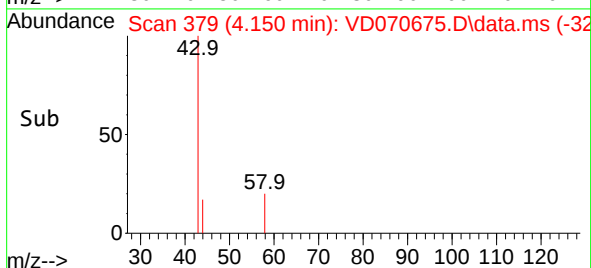
Tgt Ion:142 Resp: 1523
Ion Ratio Lower Upper
142 100
127 50.7 37.5 56.3
141 3.5 12.1 18.1#

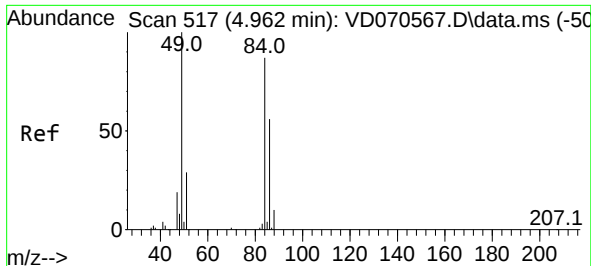


#16
Acetone
Concen: 1.775 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13



Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 20.2 28.2 42.2#

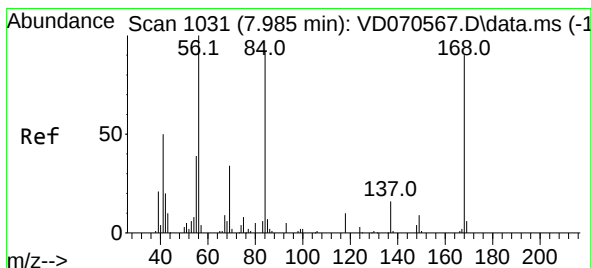
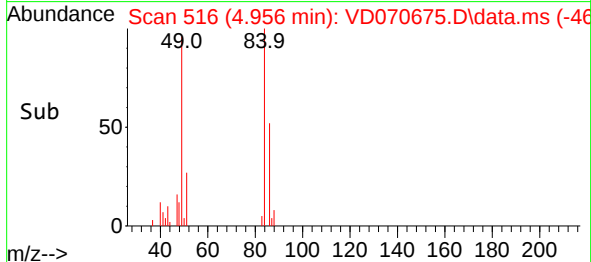
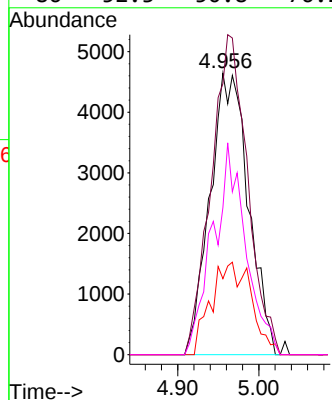
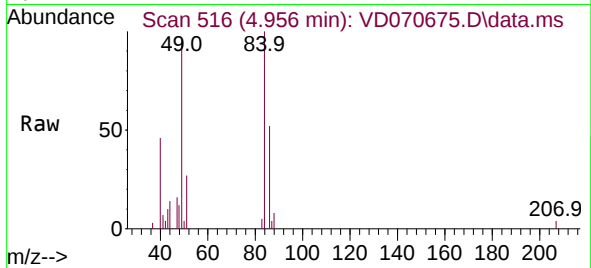




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

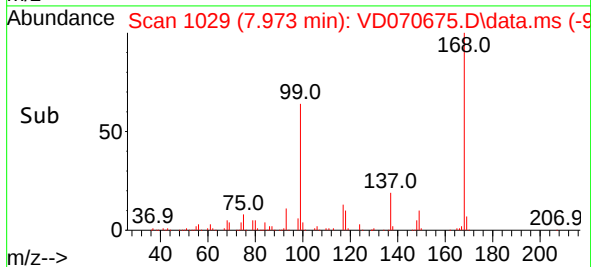
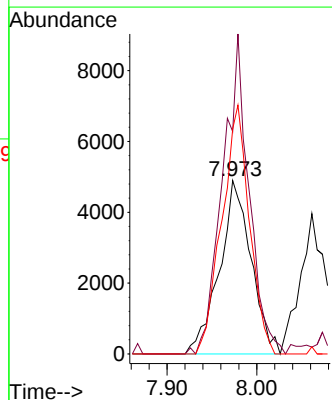
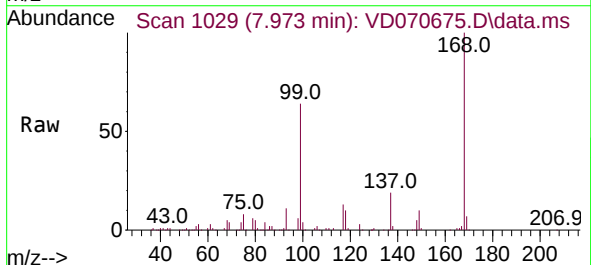
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

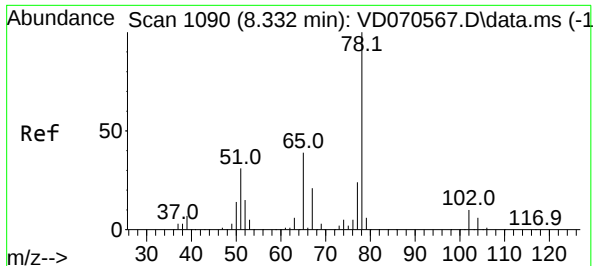
Tgt Ion:	84	Resp:	15291
Ion	Ratio	Lower	Upper
84	100		
49	96.3	91.4	137.2
51	27.0	26.7	40.1
86	52.3	50.8	76.2



#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion:	56	Resp:	11990
Ion	Ratio	Lower	Upper
56	100		
69	128.2	27.4	41.2#
84	129.7	73.6	110.4#



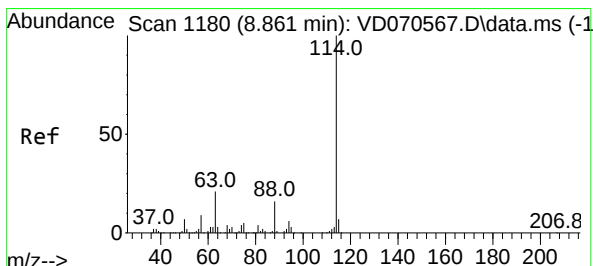
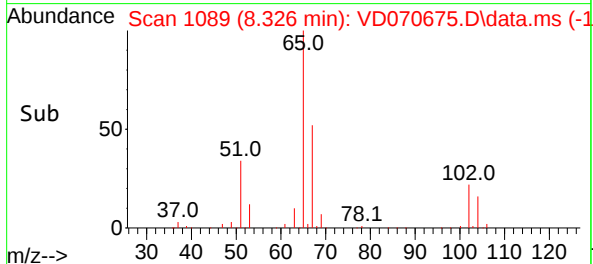
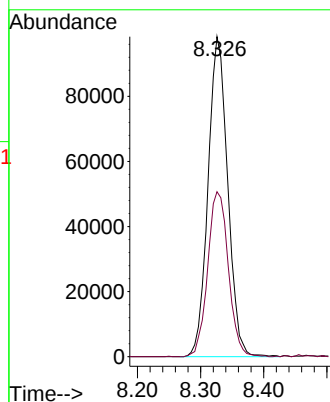
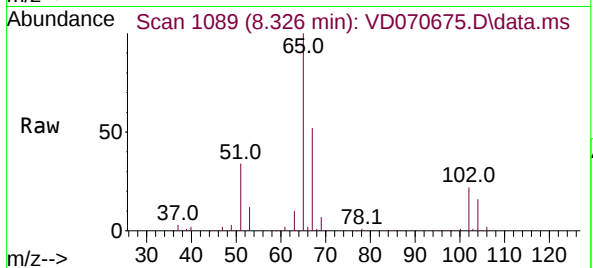


#33

1,2-Dichloroethane-d4
Concen: 49.585 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Instrument :
MSVOA_D
ClientSampleId :
PSC124042

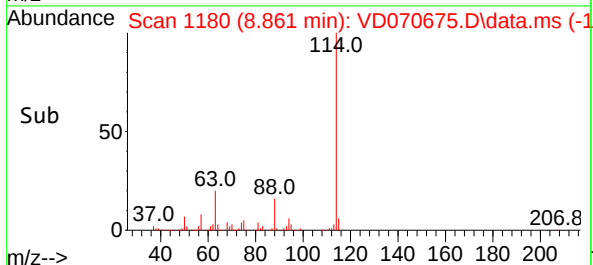
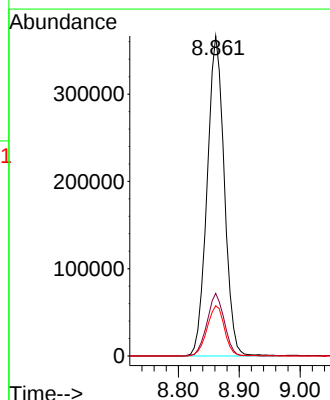
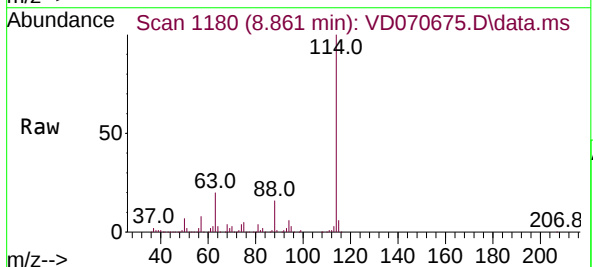
Tgt Ion: 65 Resp: 212570
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2

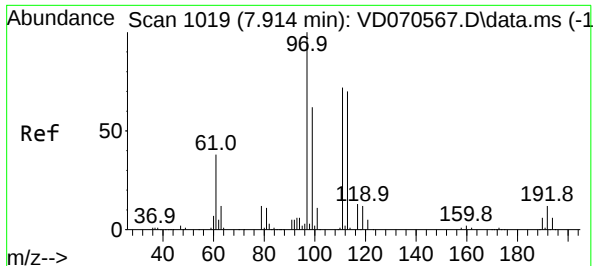


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion: 114 Resp: 715406
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.366 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070675.D

Acq: 12 Oct 2021 13:13

Tgt Ion:113 Resp: 230048

Ion Ratio Lower Upper

113 100

111 101.5 83.1 124.7

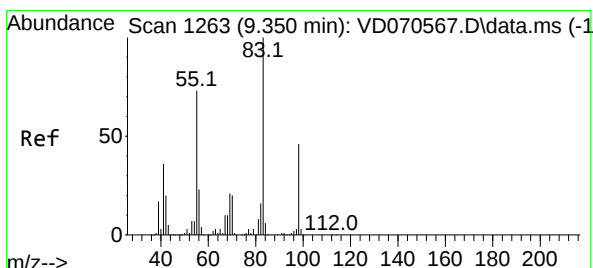
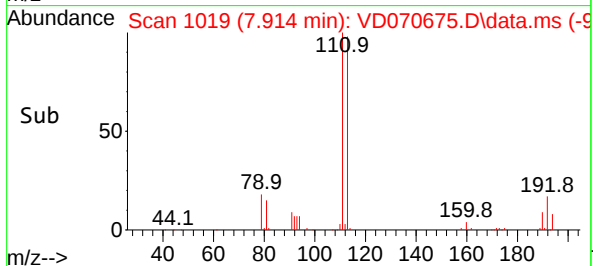
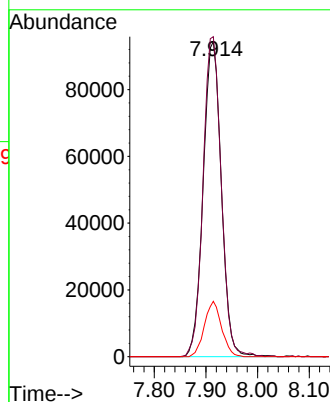
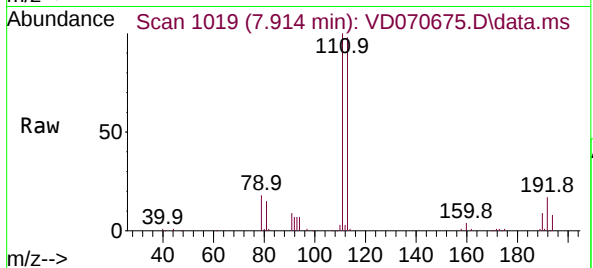
192 16.7 12.7 19.1

Instrument :

MSVOA_D

ClientSampleId :

PSC124042



#39

Methylcyclohexane

Concen: 1.731 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070675.D

Acq: 12 Oct 2021 13:13

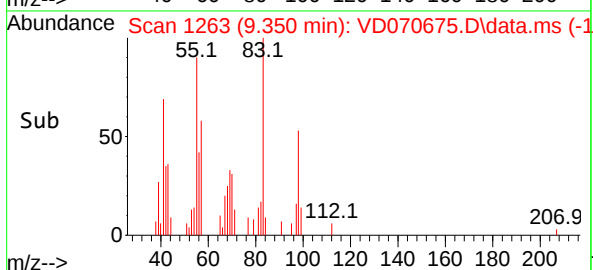
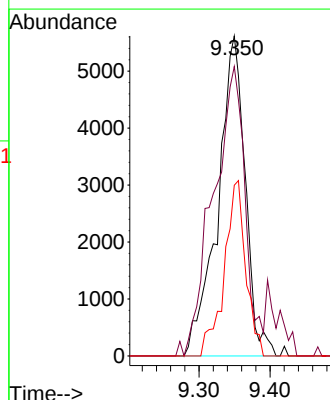
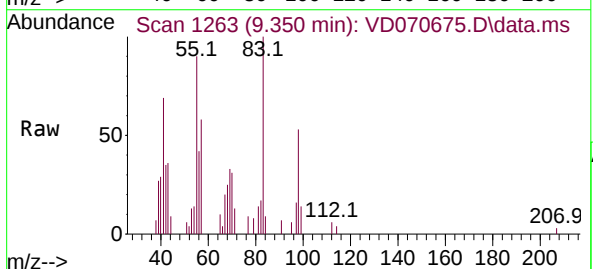
Tgt Ion: 83 Resp: 15124

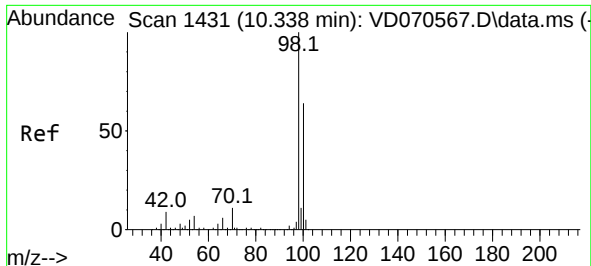
Ion Ratio Lower Upper

83 100

55 85.9 58.2 87.4

98 53.4 36.9 55.3

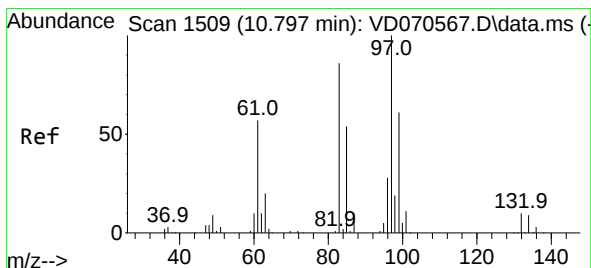
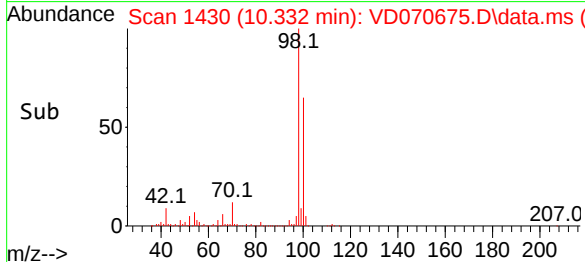
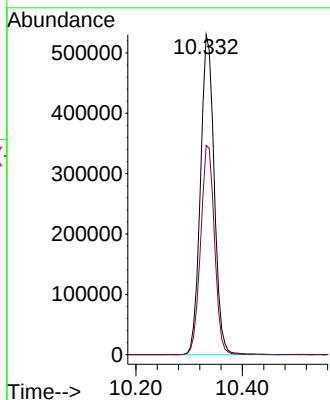
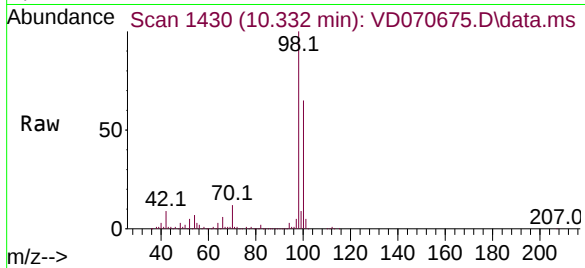




#50
Toluene-d8
Concen: 52.185 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

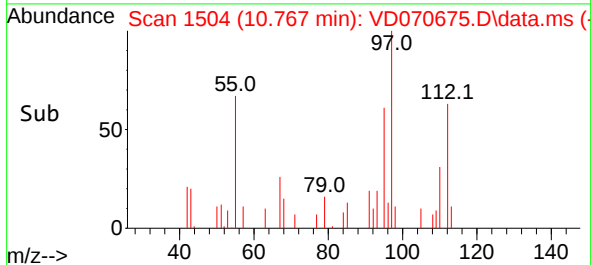
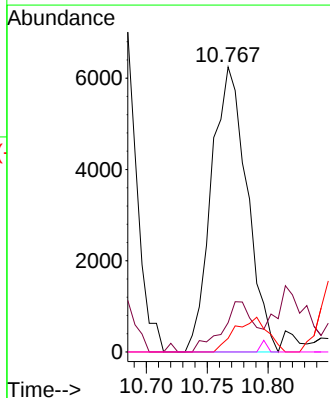
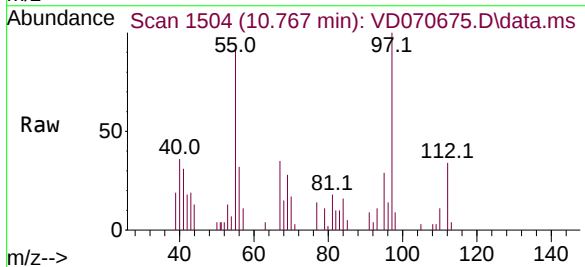
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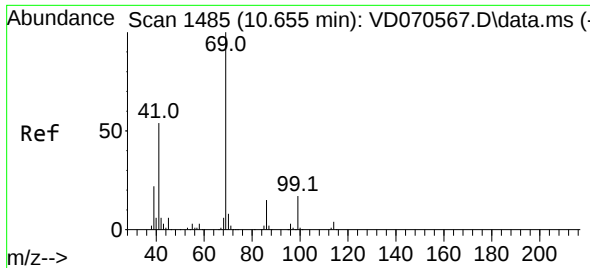
Tgt Ion: 98 Resp: 948897
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#55
1,1,2-Trichloroethane
Concen: 3.169 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion: 97 Resp: 12663
Ion Ratio Lower Upper
97 100
83 10.3 69.1 103.7#
85 4.8 43.0 64.6#
99 0.0 49.0 73.6#

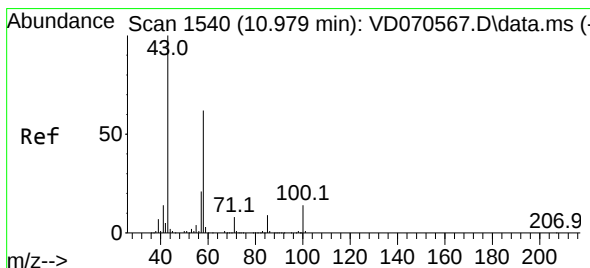
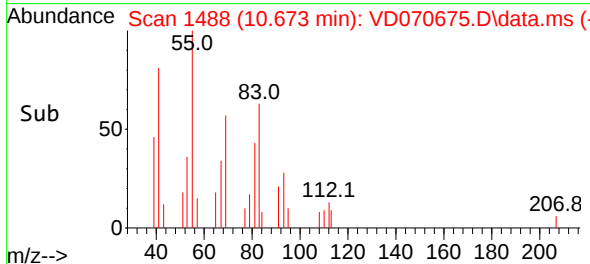
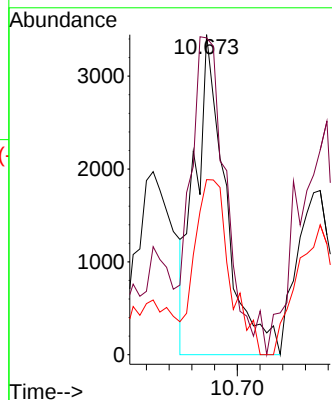
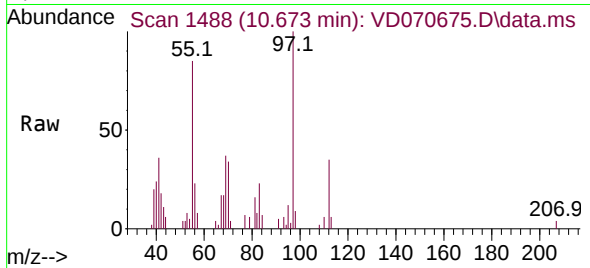




#56
Ethyl methacrylate
Concen: 2.689 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

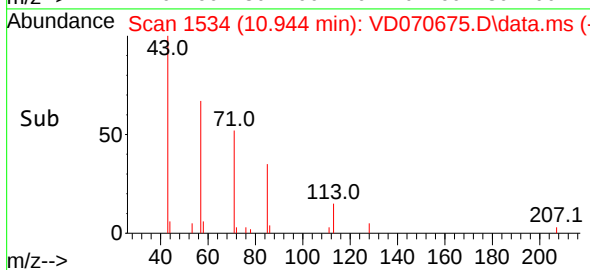
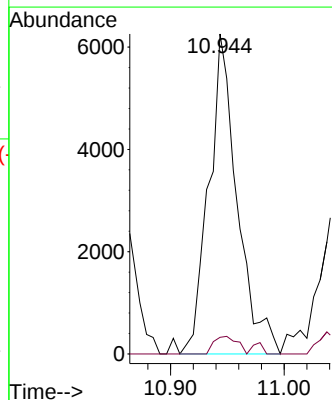
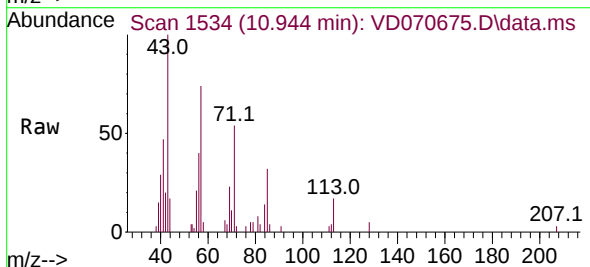
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

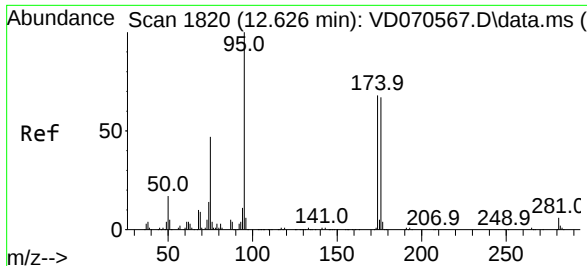
Tgt Ion: 69 Resp: 6453
Ion Ratio Lower Upper
69 100
41 116.4 44.7 67.1#
39 62.5 19.5 29.3#



#59
2-Hexanone
Concen: 2.667 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion: 43 Resp: 10865
Ion Ratio Lower Upper
43 100
58 4.5 30.4 91.3#

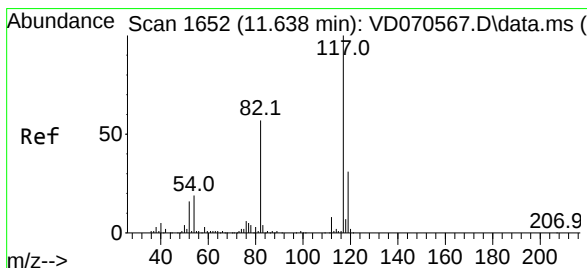
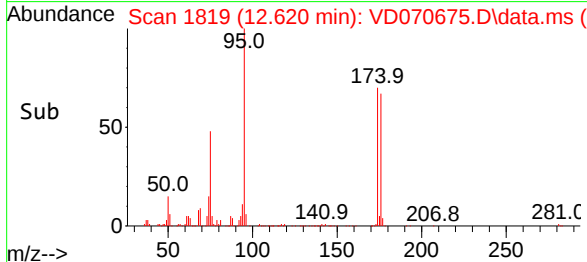
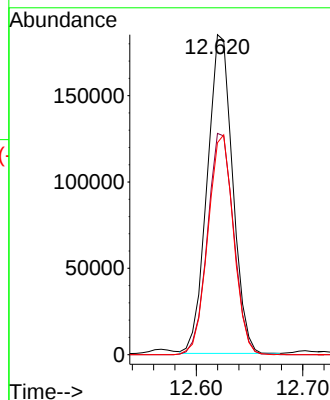
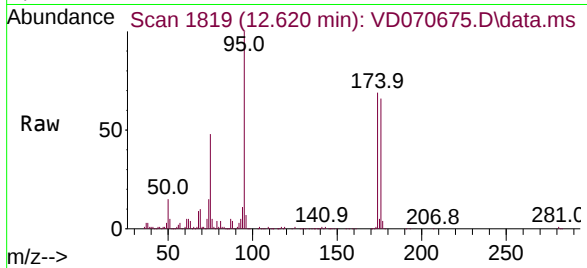




#62
4-Bromofluorobenzene
Concen: 50.383 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

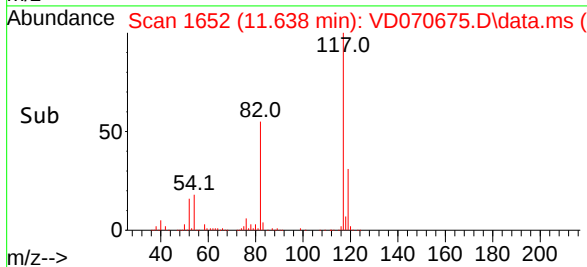
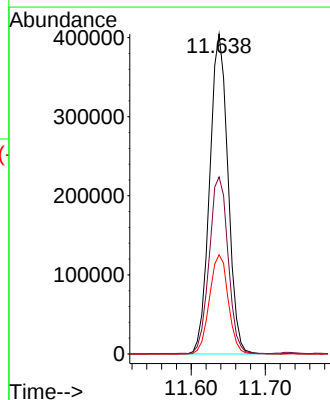
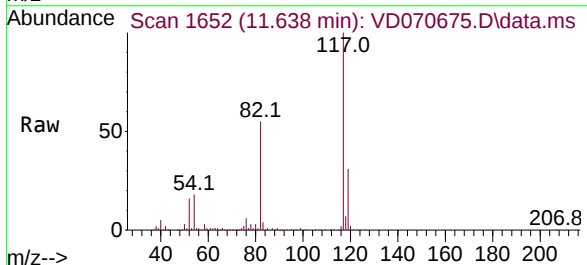
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

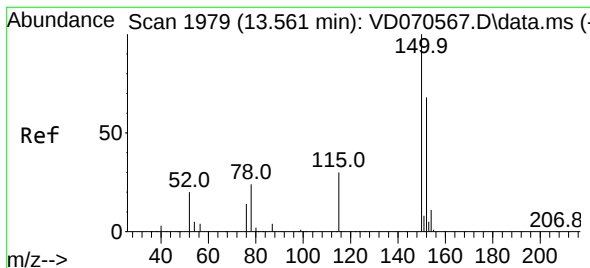
Tgt Ion: 95 Resp: 306191
Ion Ratio Lower Upper
95 100
174 71.5 0.0 138.0
176 69.5 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion: 117 Resp: 693627
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.0 24.7 37.1

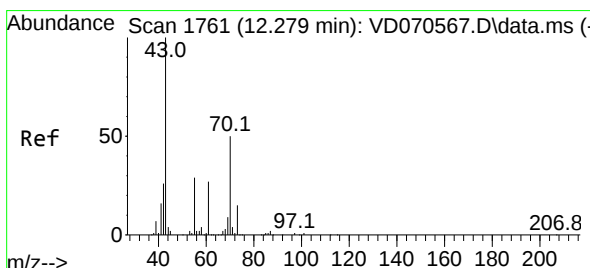
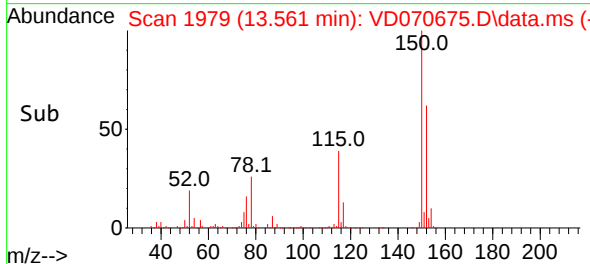
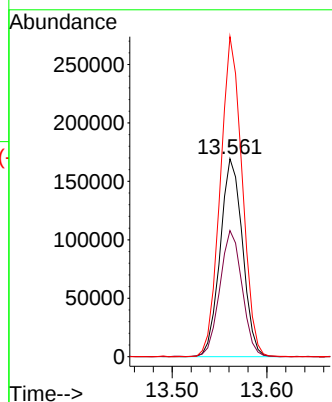
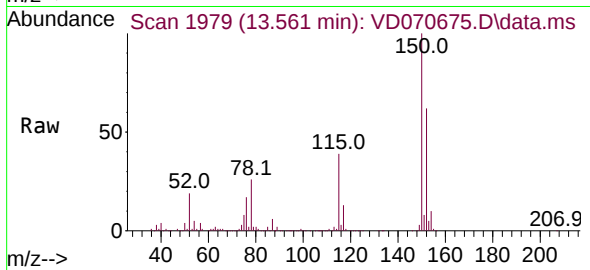




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

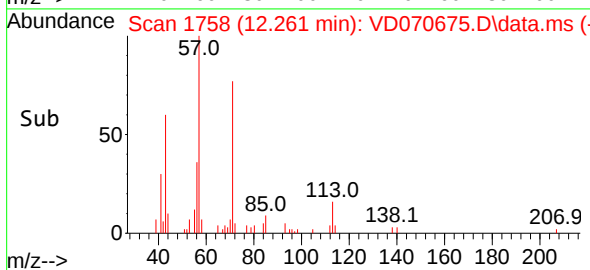
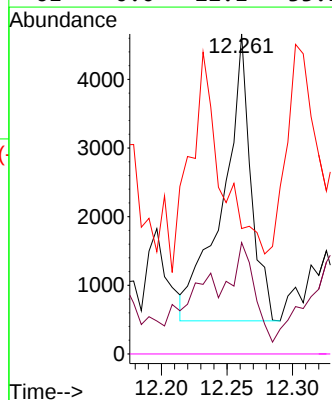
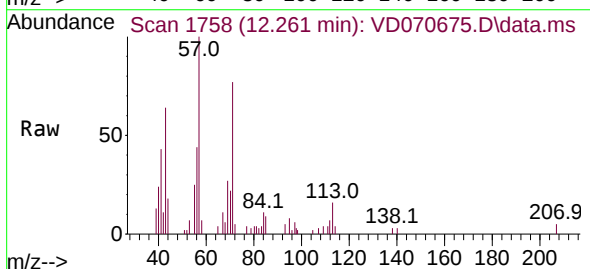
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

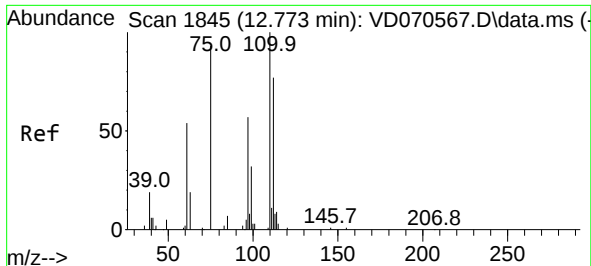
Tgt Ion:152 Resp: 278101
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.7
150 158.4 0.0 350.0



#74
N-ethyl acetate
Concen: 1.621 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
70 29.4 40.0 60.0#
55 0.0 23.8 35.6#
61 0.0 22.1 33.1#

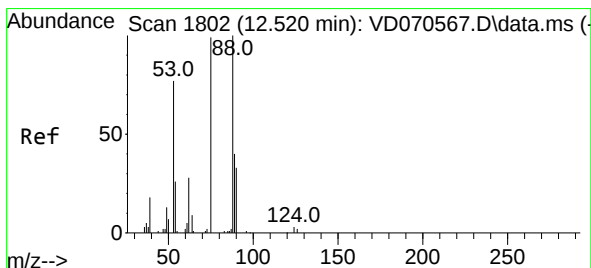
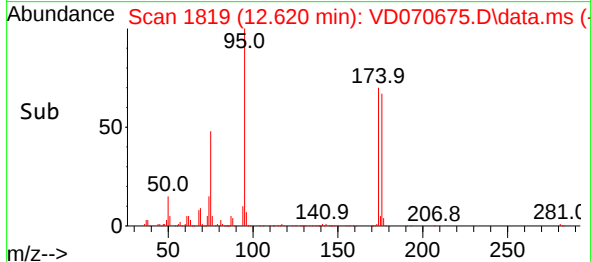
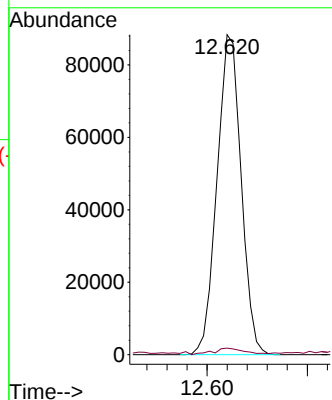
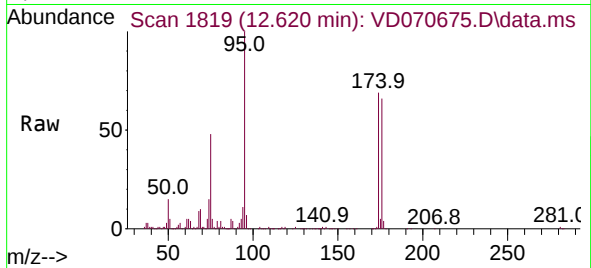




#76
1,2,3-Trichloropropane
Concen: 58.580 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

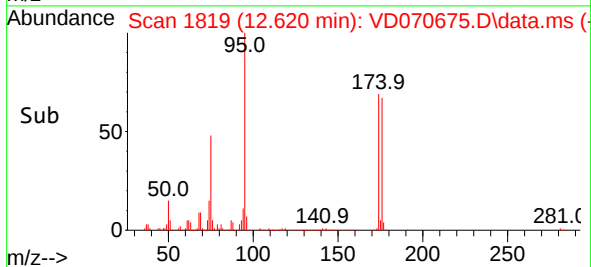
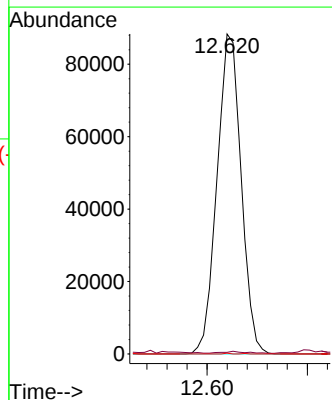
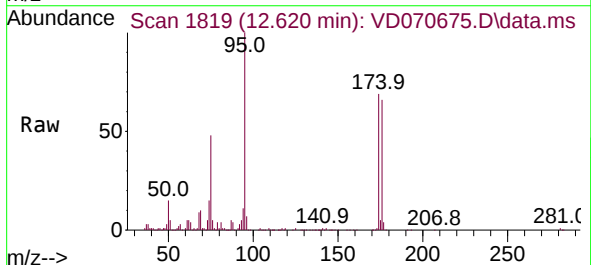
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

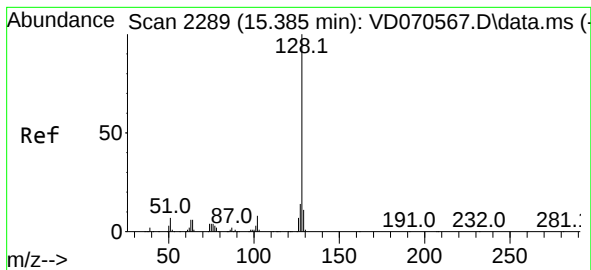
Tgt Ion: 75 Resp: 147453
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.058 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Tgt Ion: 75 Resp: 147453
Ion Ratio Lower Upper
75 100
53 0.6 64.5 96.7#
89 0.1 35.3 52.9#





#95
Naphthalene
Concen: 2.953 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070675.D
Acq: 12 Oct 2021 13:13

Instrument :
MSVOA_D
ClientSampleId :
PSC124042

Tgt Ion:128 Resp: 4299
Ion Ratio Lower Upper
128 100
127 12.0 10.9 16.3
129 6.9 8.6 12.8#

