

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071522.D
 Acq On : 29 Dec 2021 12:09
 Operator : VA/SY
 Sample : M5230-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

Quant Time: Dec 29 15:27:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

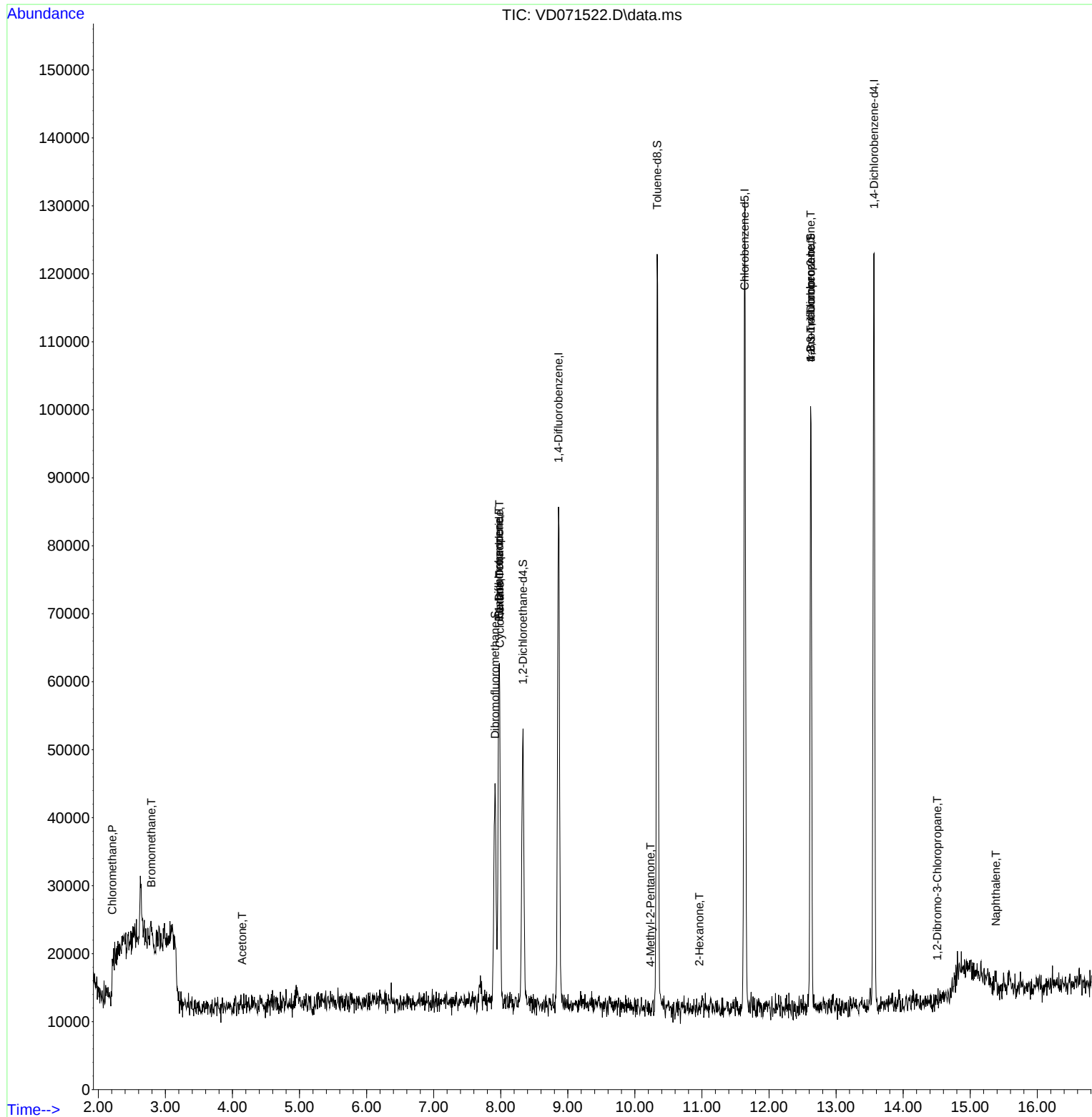
Internal Standards						
1) Pentafluorobenzene	7.973	168	34996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	55503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	59945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	30385	65.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.760%	
35) Dibromofluoromethane	7.914	113	21040	56.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.332	98	72183	51.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.620	95	27658	55.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	747	1.591	ug/l #	40
5) Bromomethane	2.791	94	931	2.365	ug/l #	76
11) Tert butyl alcohol	5.444	59	56	Below Cal	#	71
16) Acetone	4.144	43	411	3.521	ug/l #	40
20) Methylene Chloride	4.950	84	473	Below Cal	#	68
31) Cyclohexane	7.985	56	1404	1.778	ug/l #	10
36) 1,1-Dichloropropene	7.973	75	3272	5.490	ug/l #	41
38) Carbon Tetrachloride	7.979	117	3908	6.647	ug/l #	21
51) 4-Methyl-2-Pentanone	10.232	43	297	1.034	ug/l #	34
59) 2-Hexanone	10.961	43	246	1.212	ug/l	64
76) 1,2,3-Trichloropropane	12.620	75	15597	47.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	15597	135.578	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.508	75	76	1.149	ug/l #	4
95) Naphthalene	15.385	128	1626	1.748	ug/l #	69

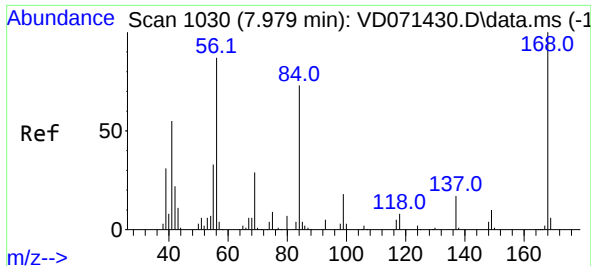
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

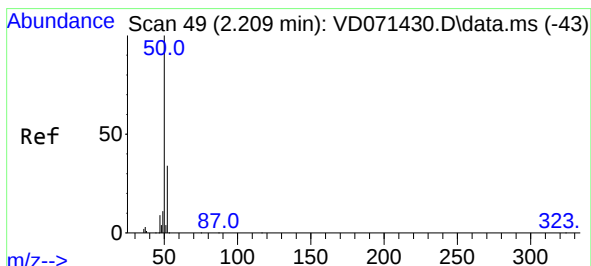
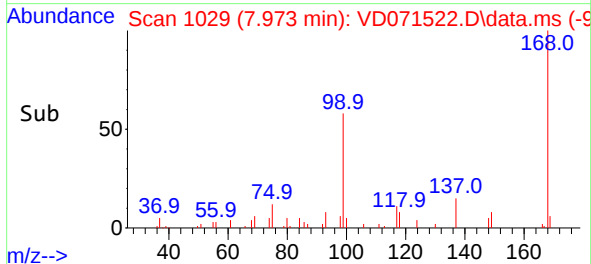
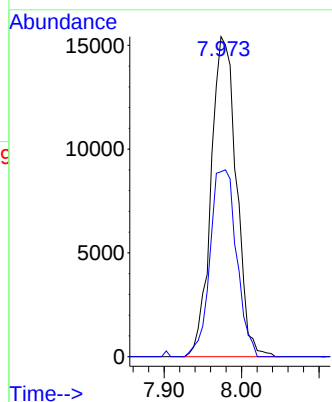
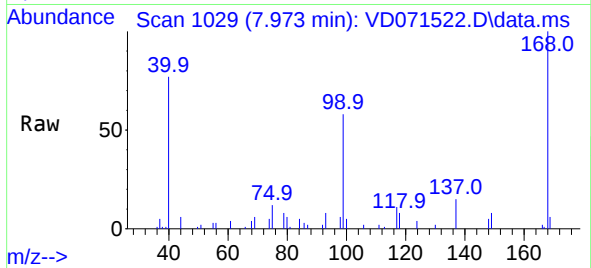




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

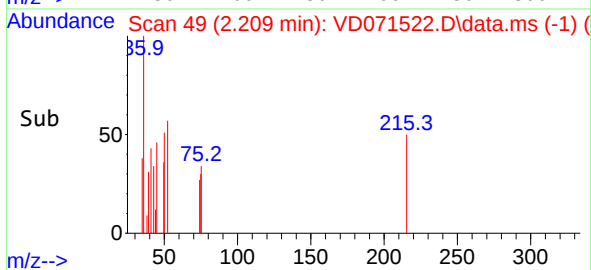
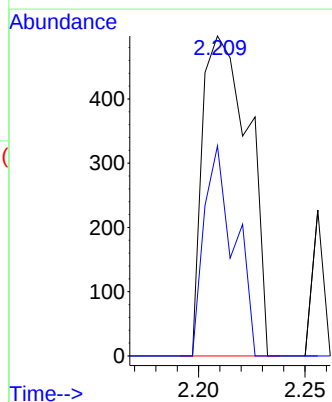
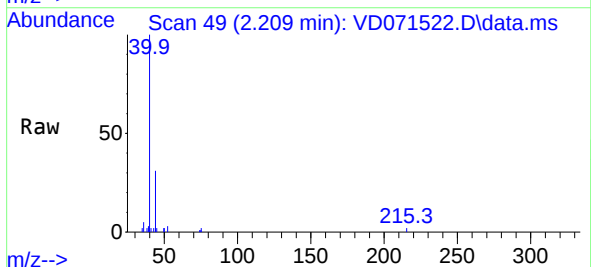
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

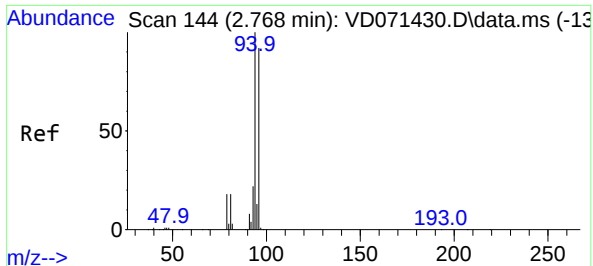
Tgt Ion:168 Resp: 34996
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#3
Chloromethane
Concen: 1.591 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 50 Resp: 747
Ion Ratio Lower Upper
50 100
52 65.7 25.8 38.8#

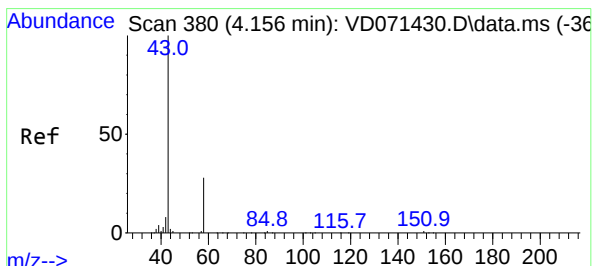
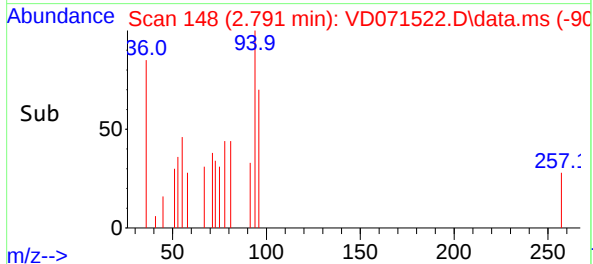
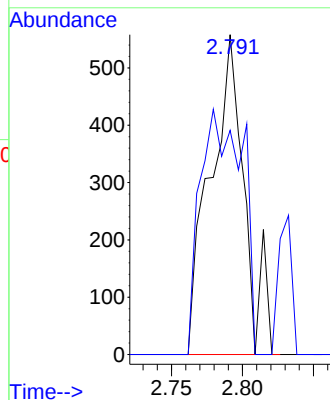
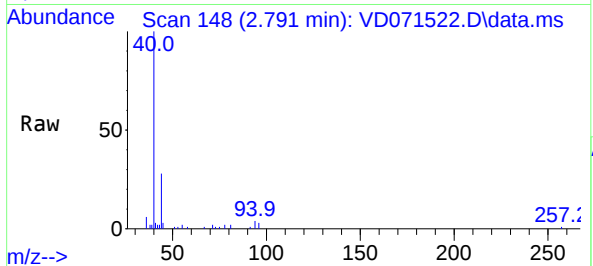




#5
Bromomethane
Concen: 2.365 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.041 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

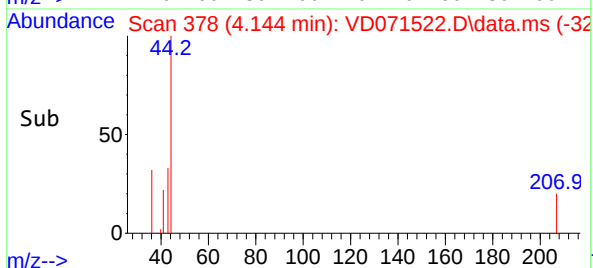
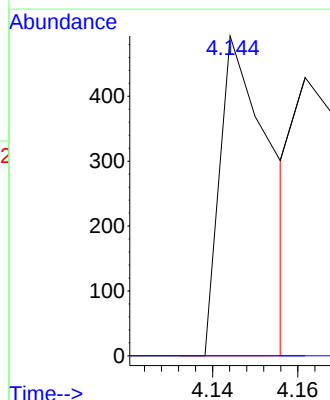
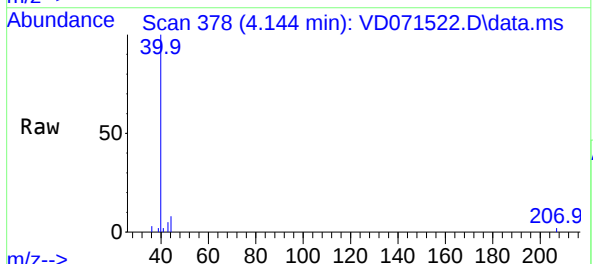
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

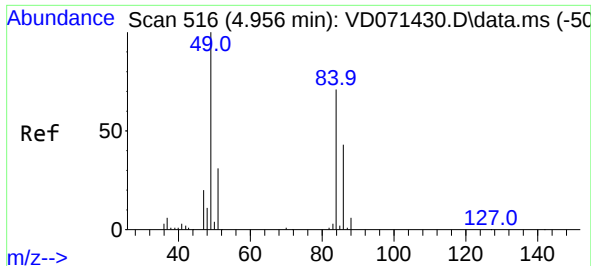
Tgt Ion: 94 Resp: 931
Ion Ratio Lower Upper
94 100
96 70.1 74.8 112.2#



#16
Acetone
Concen: 3.521 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



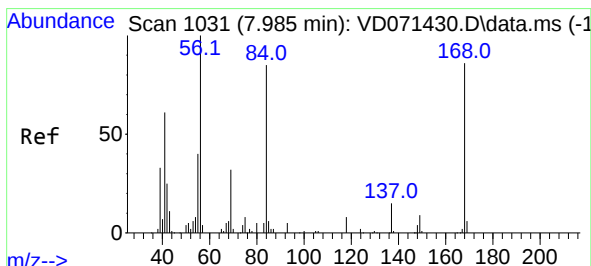
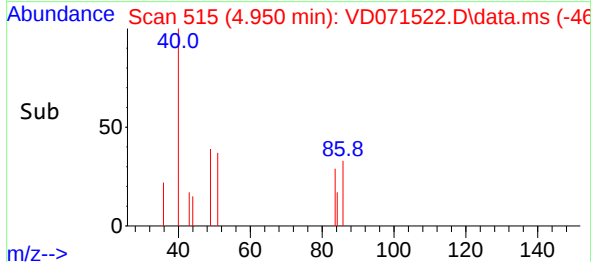
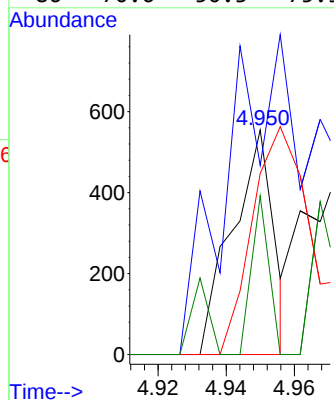
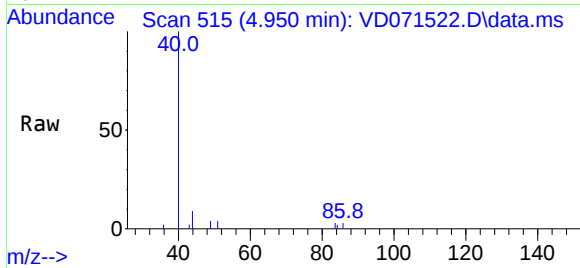


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :
PSC124042

Tgt Ion: 84 Resp: 473

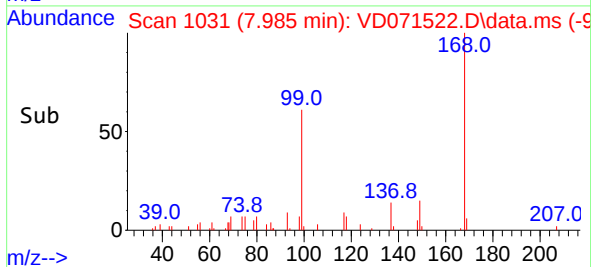
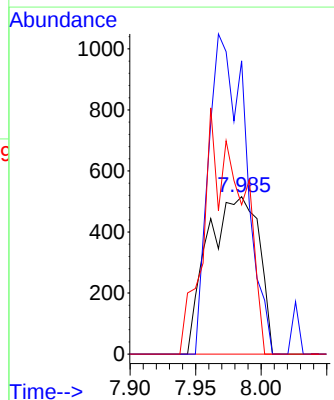
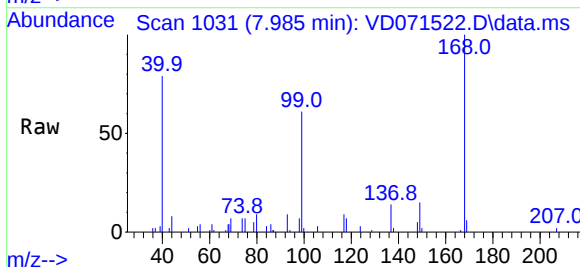
Ion	Ratio	Lower	Upper
84	100		
49	84.1	95.8	143.6#
51	80.5	30.9	46.3#
86	70.6	50.3	75.5

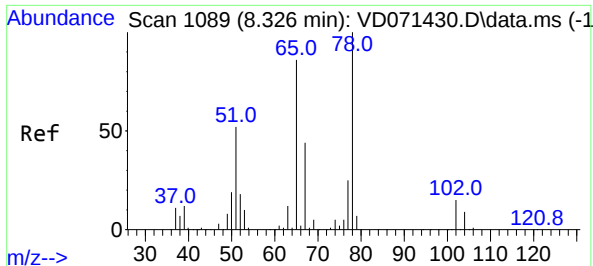


#31
Cyclohexane
Concen: 1.778 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 56 Resp: 1404

Ion	Ratio	Lower	Upper
56	100		
69	186.2	25.9	38.9#
84	94.8	64.3	96.5

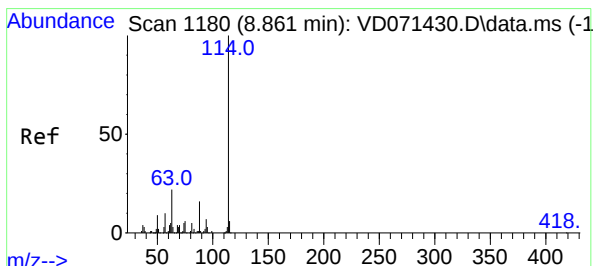
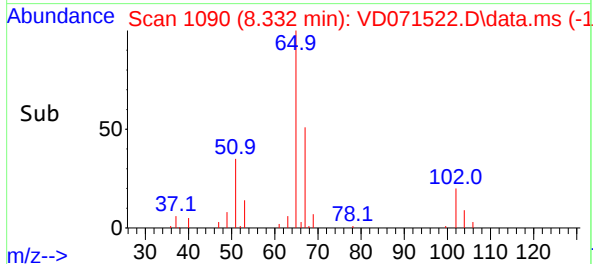
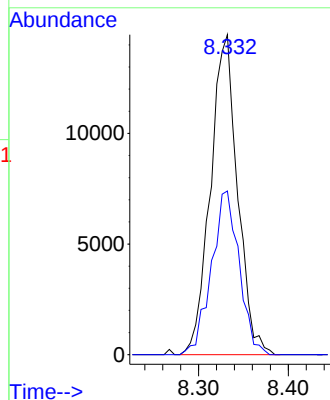
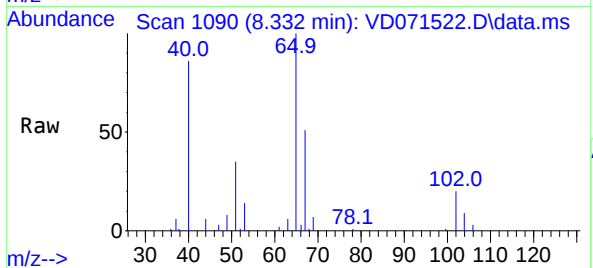




#33
1,2-Dichloroethane-d4
Concen: 65.375 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

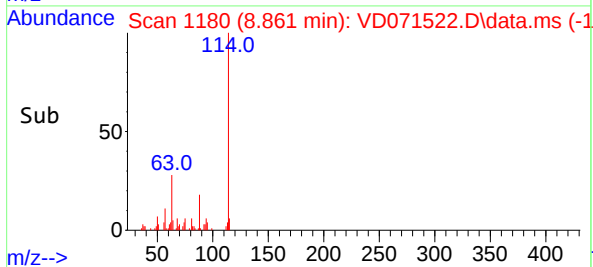
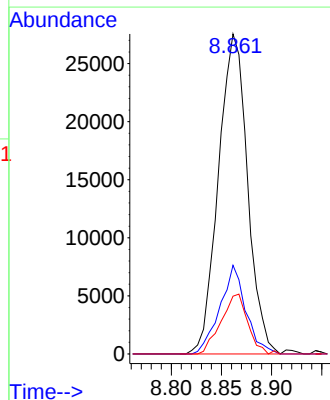
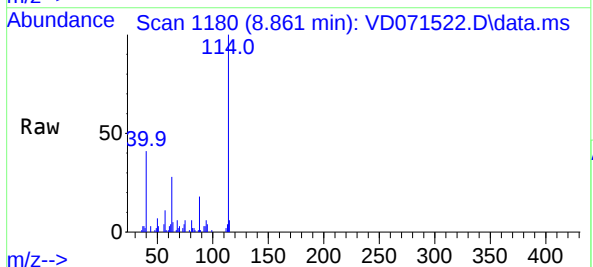
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

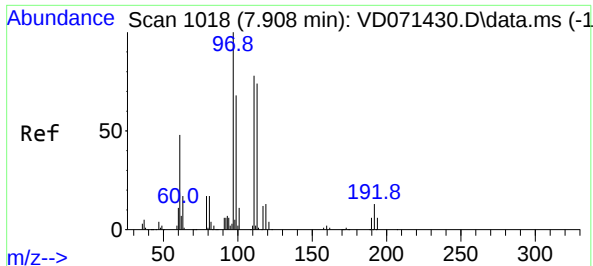
Tgt Ion: 65 Resp: 30385
Ion Ratio Lower Upper
65 100
67 52.2 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 114 Resp: 55503
Ion Ratio Lower Upper
114 100
63 27.7 0.0 41.8
88 18.1 0.0 32.8

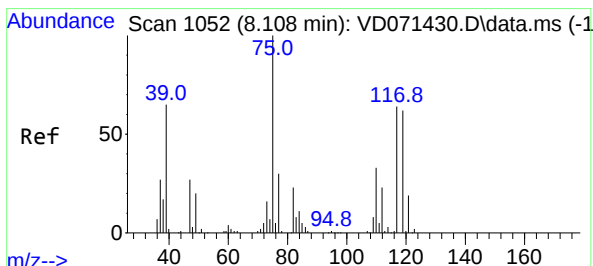
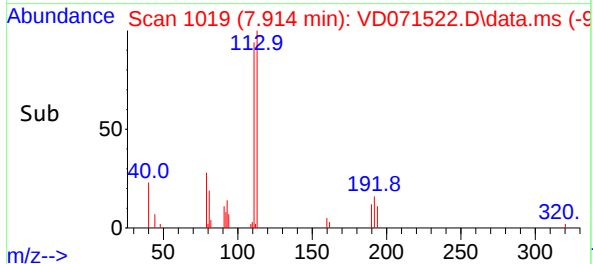
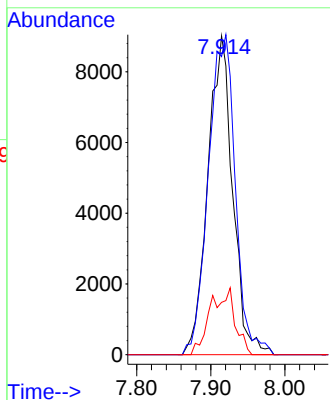
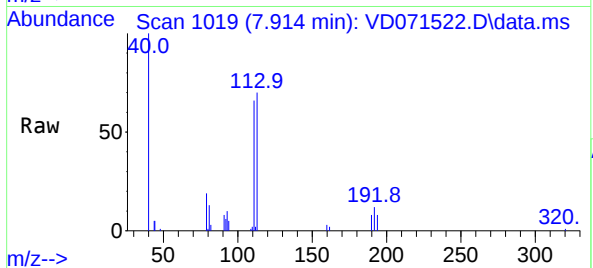




#35
Dibromofluoromethane
Concen: 56.404 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

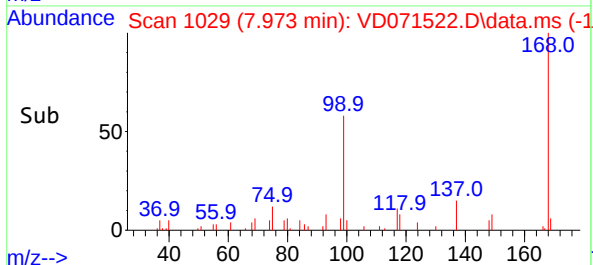
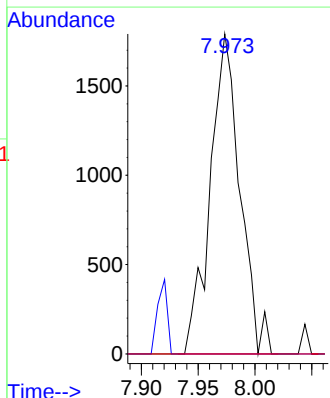
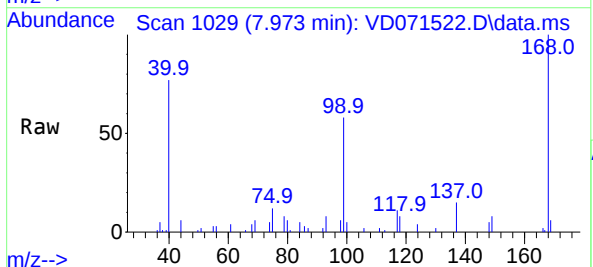
Instrument :
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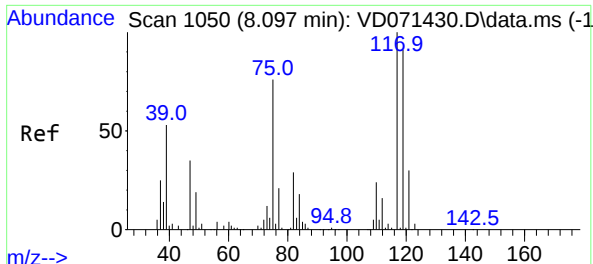
Tgt Ion:113 Resp: 21040
Ion Ratio Lower Upper
113 100
111 108.6 82.0 123.0
192 9.0 15.2 22.8#



#36
1,1-Dichloropropene
Concen: 5.490 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

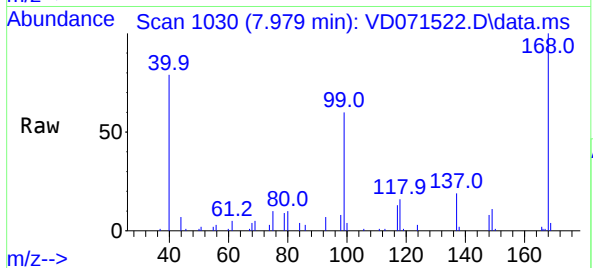
Tgt Ion: 75 Resp: 3272
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.8 37.2#



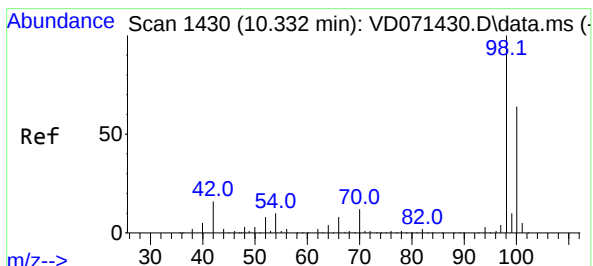
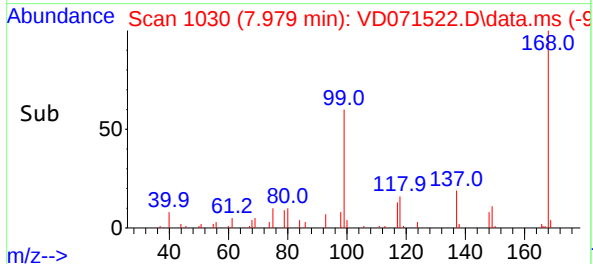
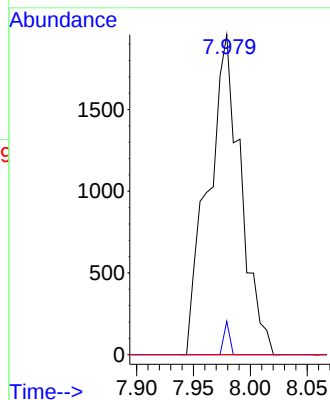


#38
Carbon Tetrachloride
Concen: 6.647 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :
PSC124042

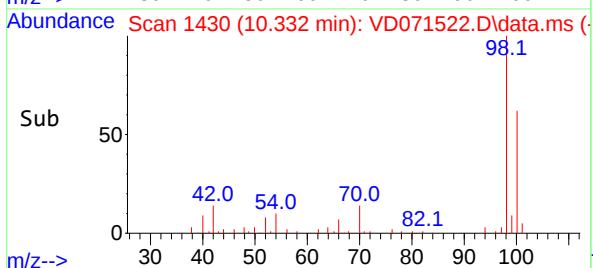
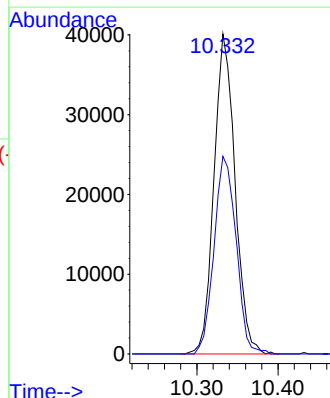
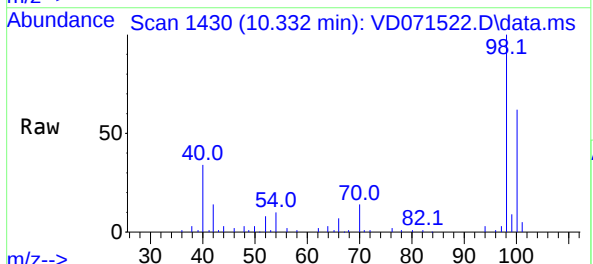


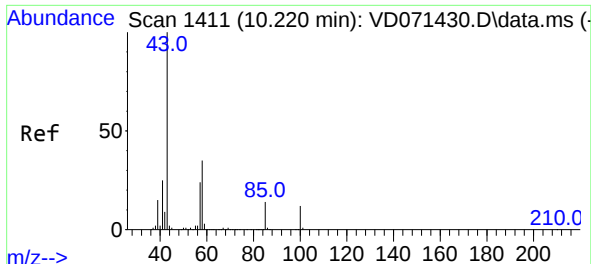
Tgt Ion:117 Resp: 3908
Ion Ratio Lower Upper
117 100
119 10.4 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 98 Resp: 72183
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 1.034 ug/l

RT: 10.232 min Scan# 1411

Delta R.T. 0.012 min

Lab File: VD071522.D

Acq: 29 Dec 2021 12:09

Instrument :

MSVOA_D

ClientSampleId :

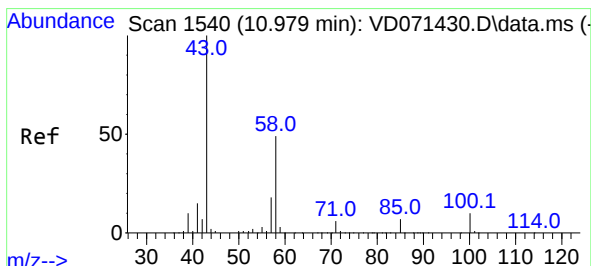
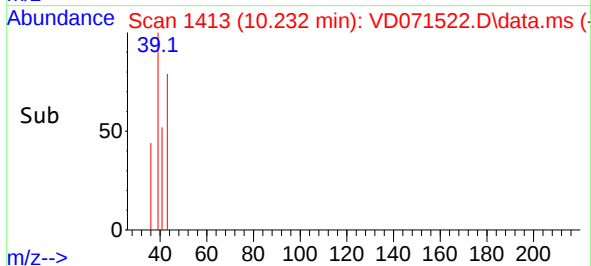
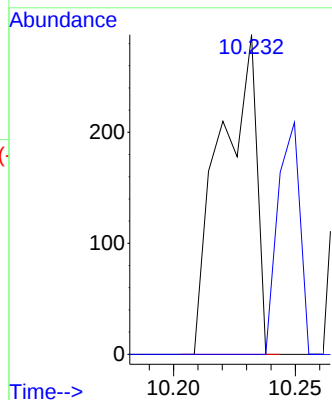
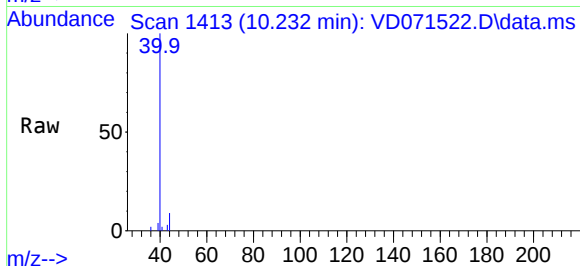
PSC124042

Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



#59

2-Hexanone

Concen: 1.212 ug/l

RT: 10.961 min Scan# 1537

Delta R.T. -0.018 min

Lab File: VD071522.D

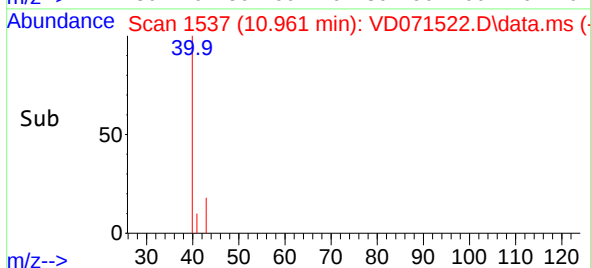
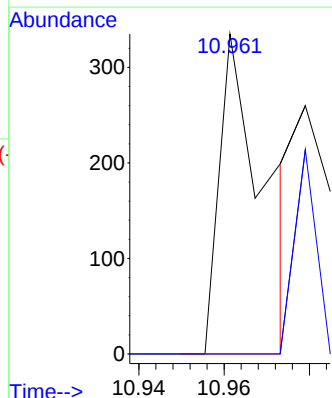
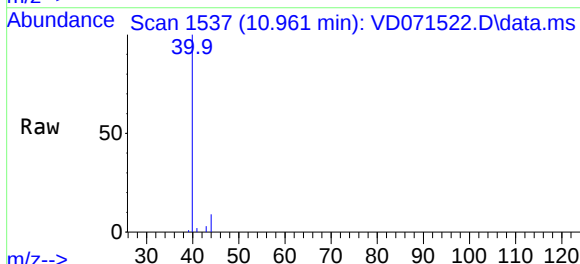
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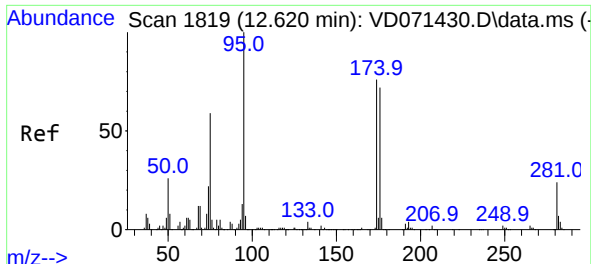
Tgt Ion: 43 Resp: 246

Ion Ratio Lower Upper

43 100

58 30.9 28.7 86.1

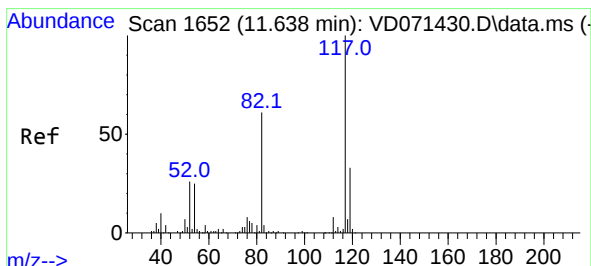
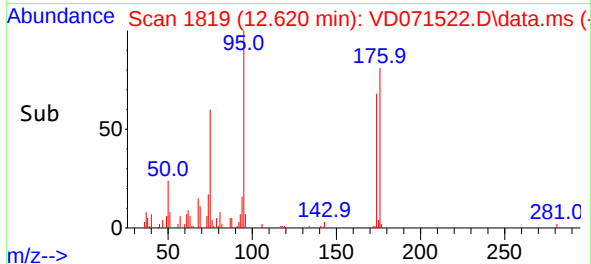
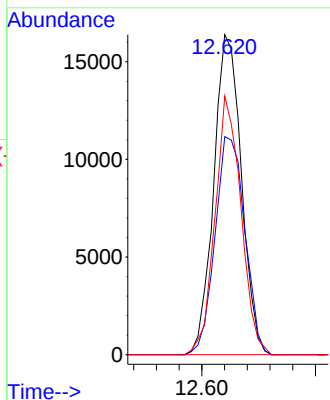
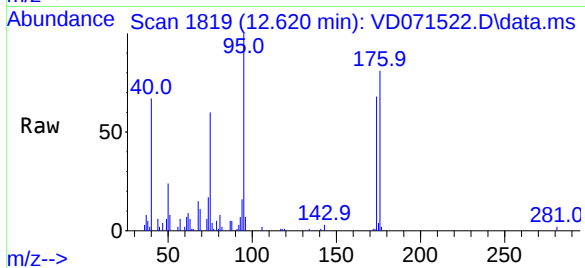




#62
4-Bromofluorobenzene
Concen: 55.214 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

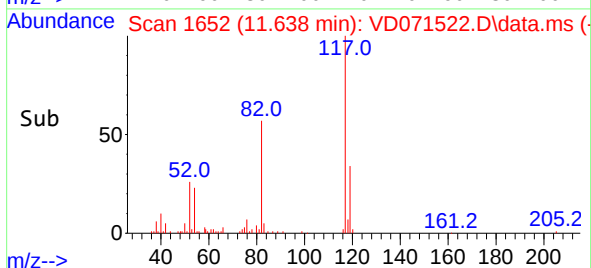
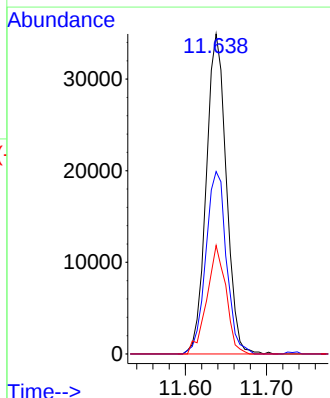
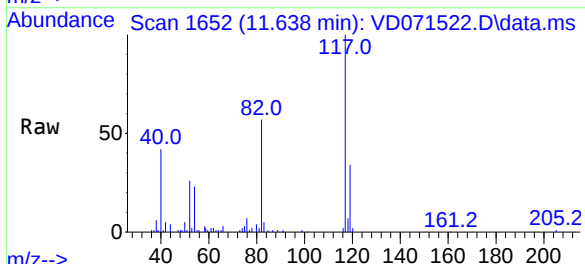
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

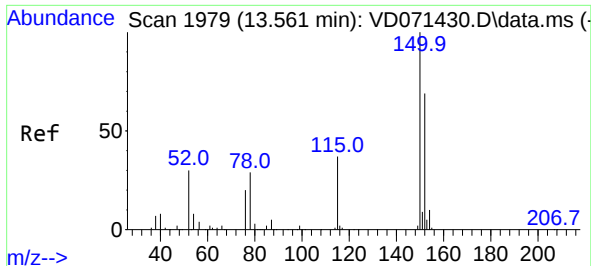
Tgt Ion:	95	Resp:	27658
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	159.4
176	75.9	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion:	117	Resp:	59945
Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.7	67.1
119	33.9	26.2	39.4

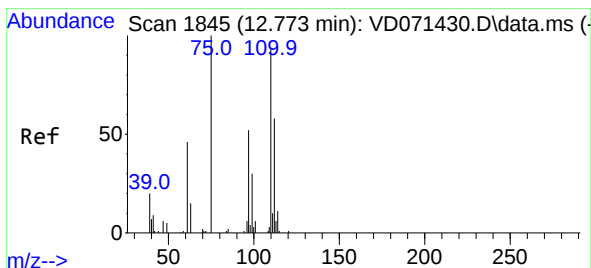
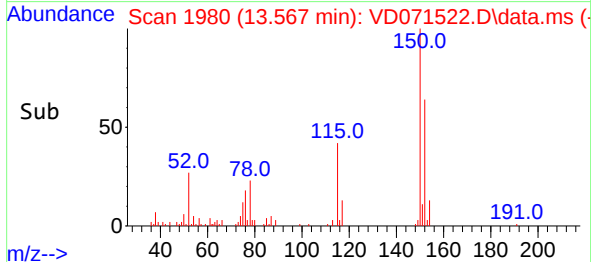
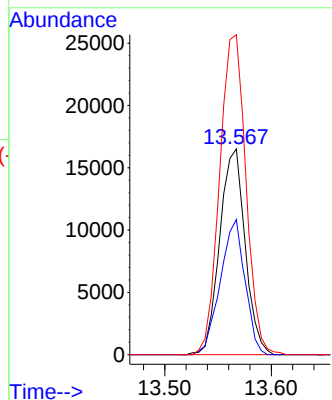
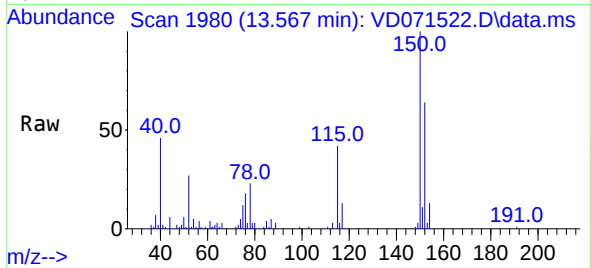




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

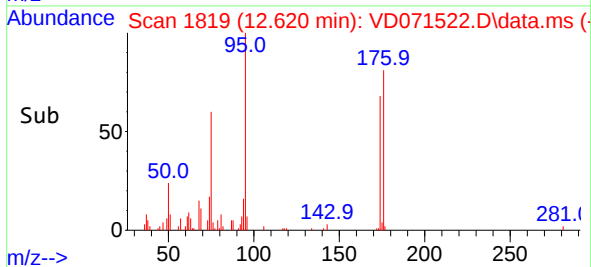
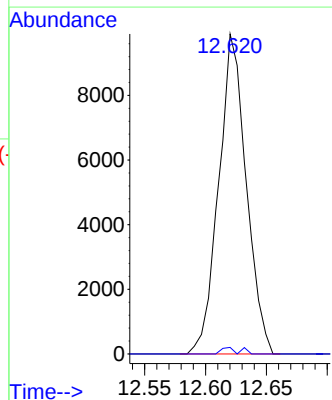
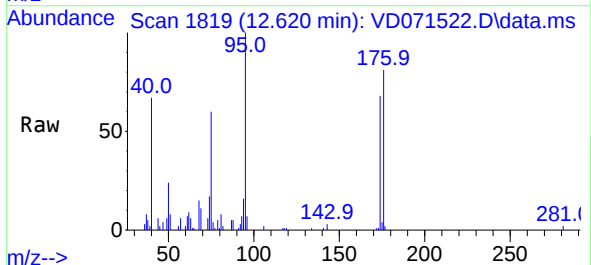
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

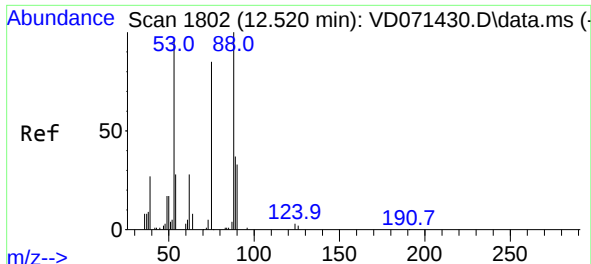
Tgt Ion:152 Resp: 27357
Ion Ratio Lower Upper
152 100
115 63.7 29.8 89.3
150 160.6 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 47.983 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 75 Resp: 15597
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#

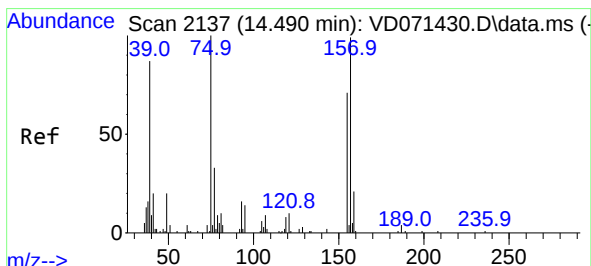
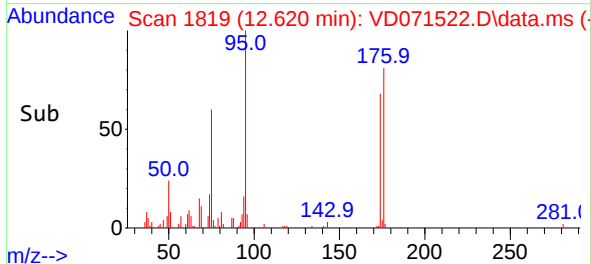
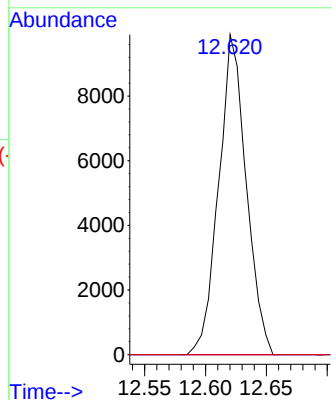
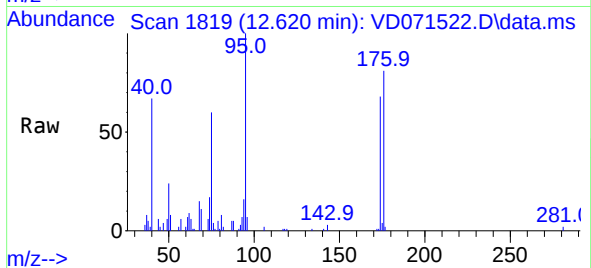




#81
trans-1,4-Dichloro-2-butene
Concen: 135.578 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

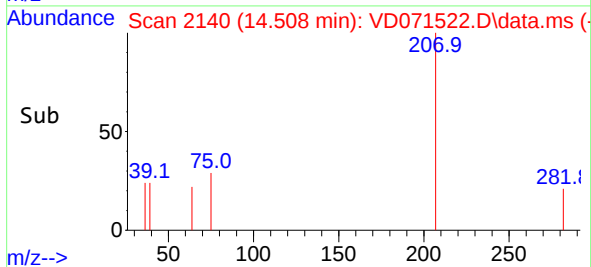
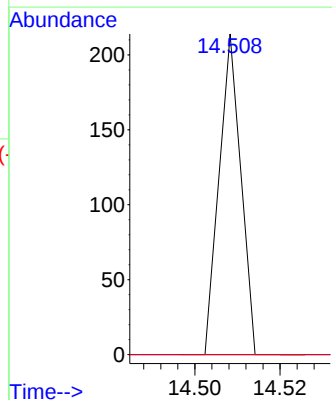
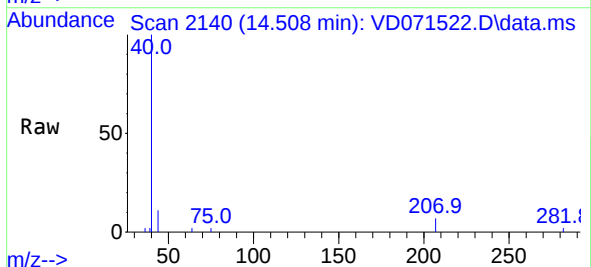
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

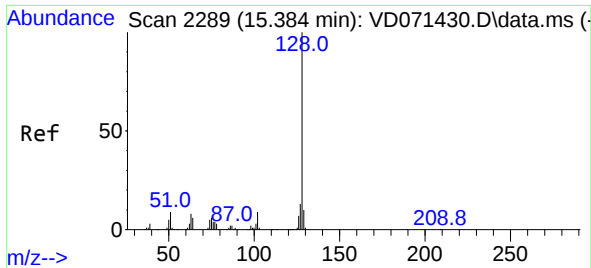
Tgt Ion: 75 Resp: 15597
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.149 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.018 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

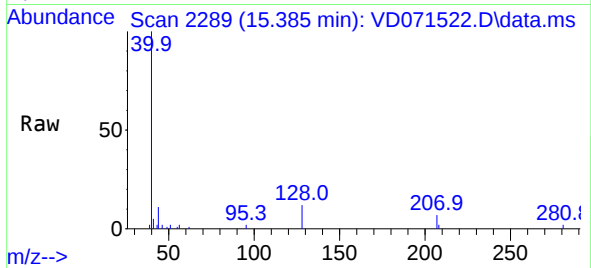
Tgt Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
155 0.0 40.0 120.0#
157 0.0 49.8 149.3#





#95
Naphthalene
Concen: 1.748 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :
PSC124042



Tgt Ion:128 Resp: 1626
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

