

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071542.D
 Acq On : 30 Dec 2021 11:58
 Operator : VA/SY
 Sample : M5210-05
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT3990

Quant Time: Dec 30 15:31:08 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)

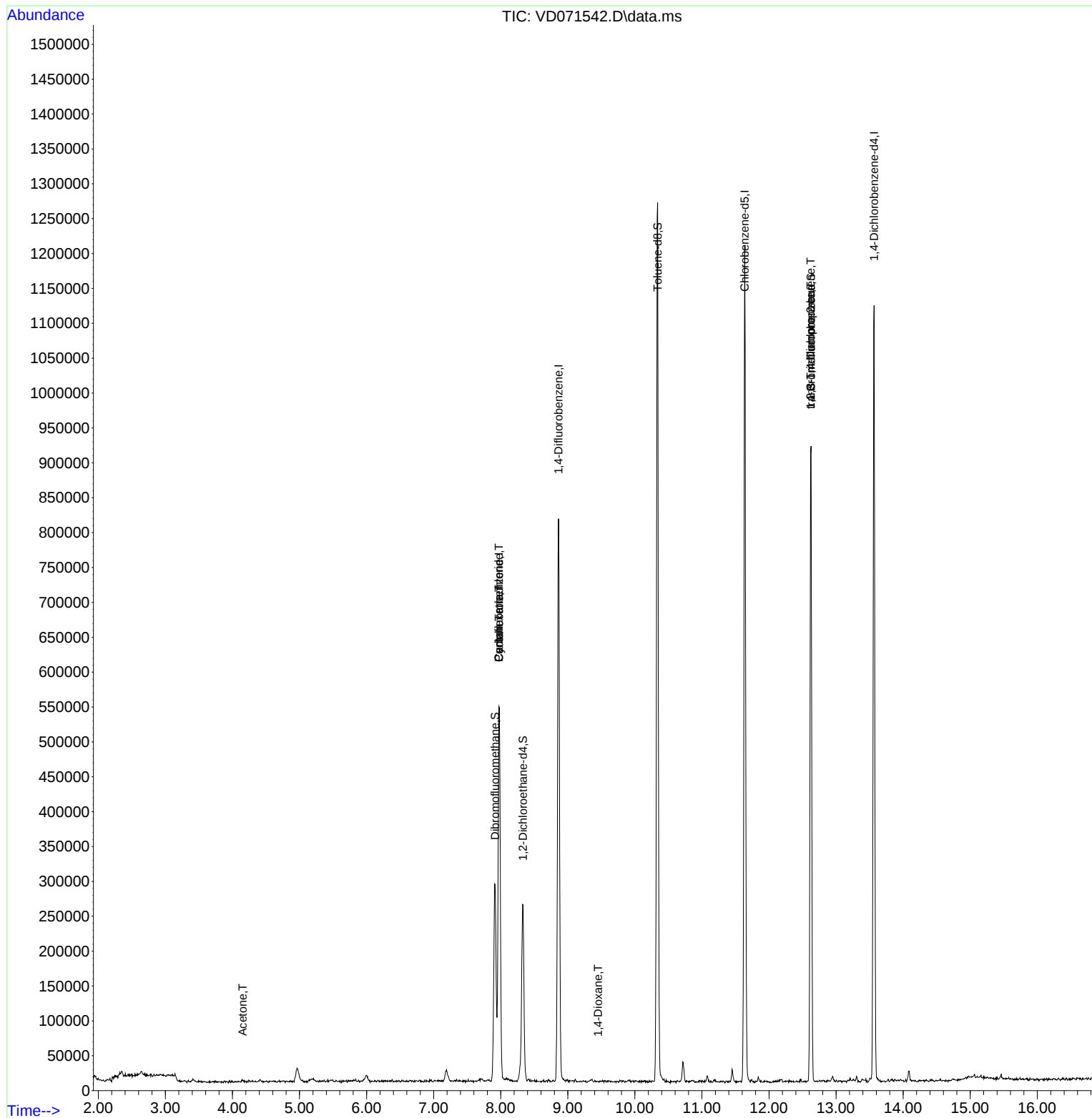
Internal Standards						
1) Pentafluorobenzene	7.973	168	378651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	644835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	615727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204886	40.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.480%
35) Dibromofluoromethane	7.914	113	202429	46.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.420%
50) Toluene-d8	10.338	98	818642	49.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.626	95	273799	47.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	4437	Below Cal	#	71
16) Acetone	4.150	43	3741	2.962	ug/l #	87
20) Methylene Chloride	4.956	84	13606	Below Cal		87
31) Cyclohexane	7.973	56	11958	1.400	ug/l #	17
38) Carbon Tetrachloride	7.973	117	40531	5.933	ug/l #	18
49) 1,4-Dioxane	9.450	88	55	1.824	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	159364	50.018	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	159364	141.327	ug/l #	18

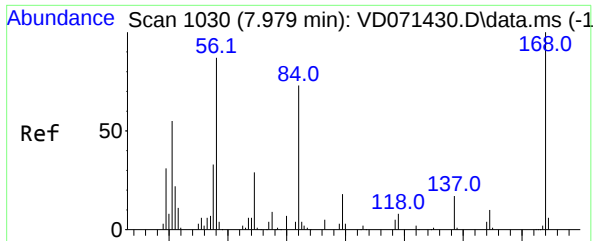
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071542.D
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Operator : VA/SY
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Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT3990

Quant Time: Dec 30 15:31:08 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

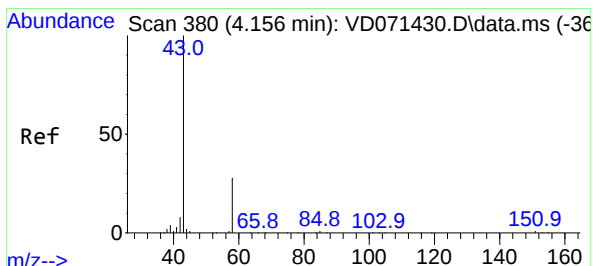
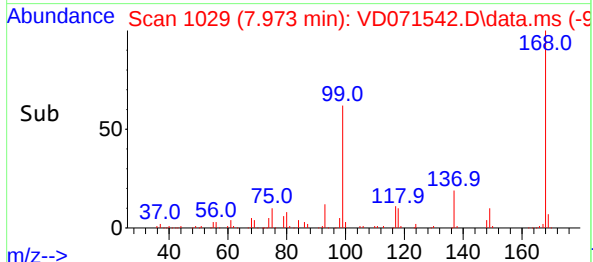
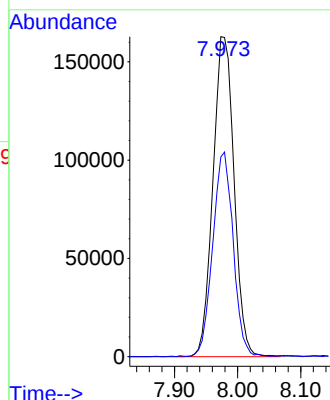
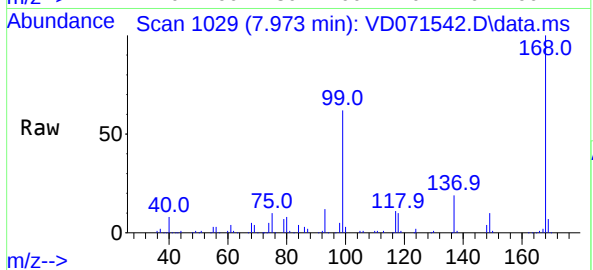




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

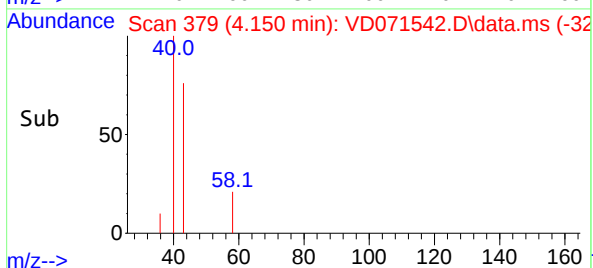
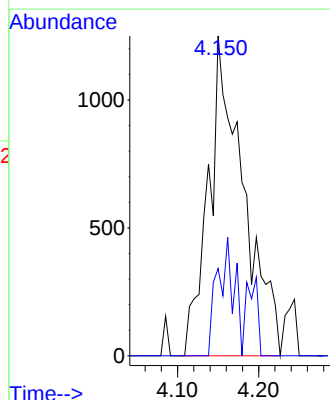
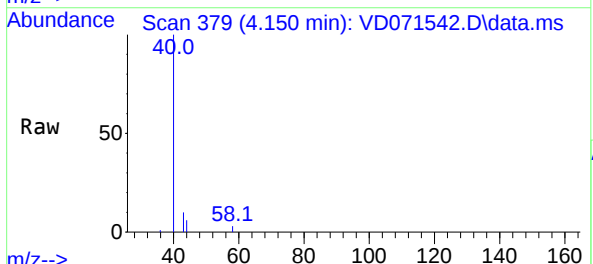
Instrument :
MSVOA_D
ClientSampleId :
RT3990

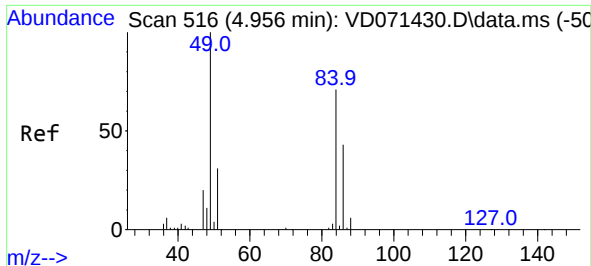
Tgt Ion:168 Resp: 378651
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#16
Acetone
Concen: 2.962 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 43 Resp: 3741
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



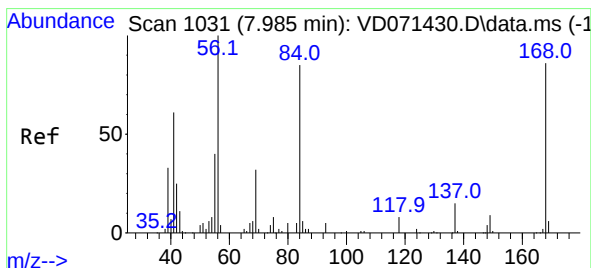
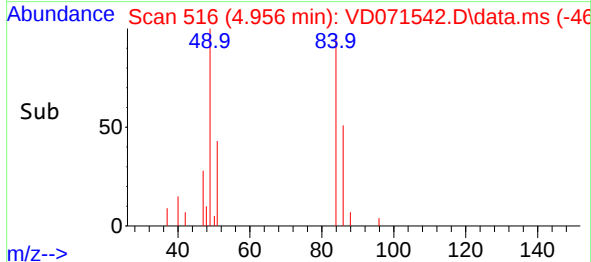
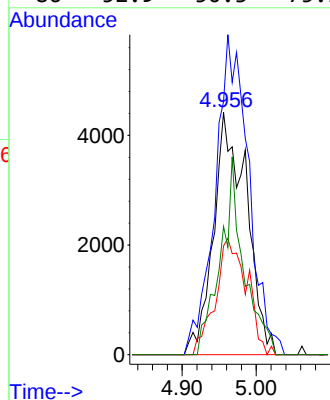
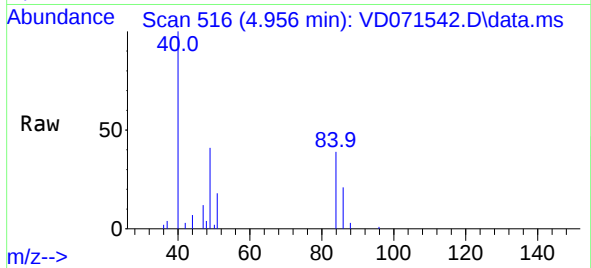


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
RT3990

Tgt Ion: 84 Resp: 13606

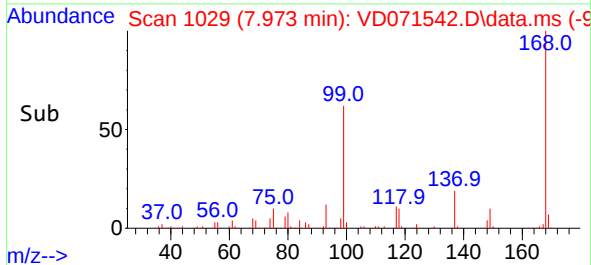
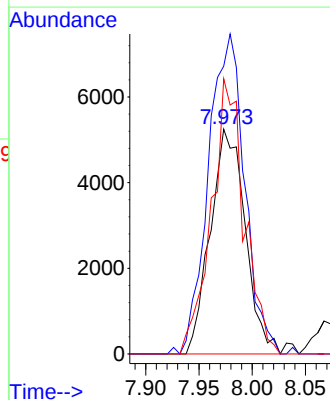
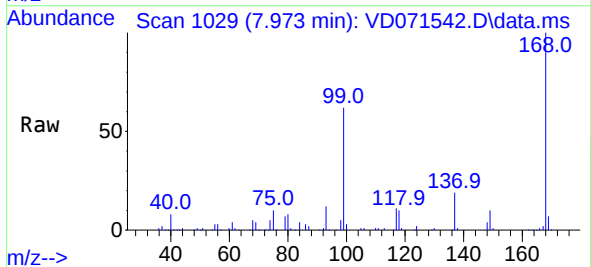
Ion	Ratio	Lower	Upper
84	100		
49	104.5	95.8	143.6
51	44.9	30.9	46.3
86	52.9	50.3	75.5

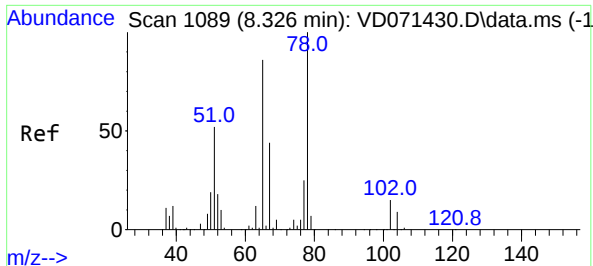


#31
Cyclohexane
Concen: 1.400 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 56 Resp: 11958

Ion	Ratio	Lower	Upper
56	100		
69	128.0	25.9	38.9#
84	122.4	64.3	96.5#

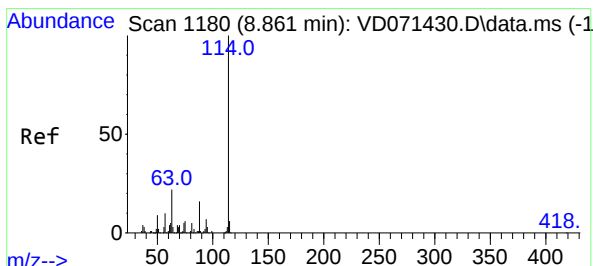
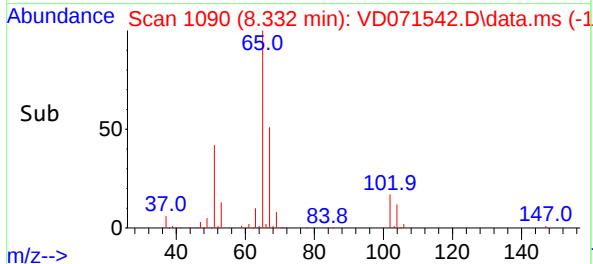
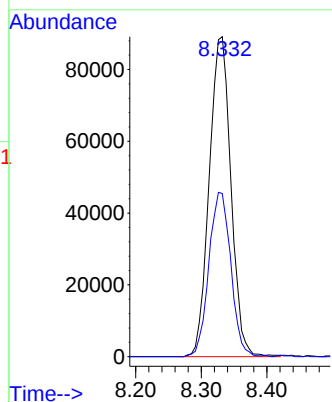
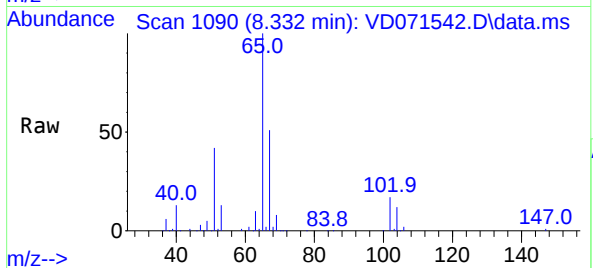




#33
1,2-Dichloroethane-d4
Concen: 40.742 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

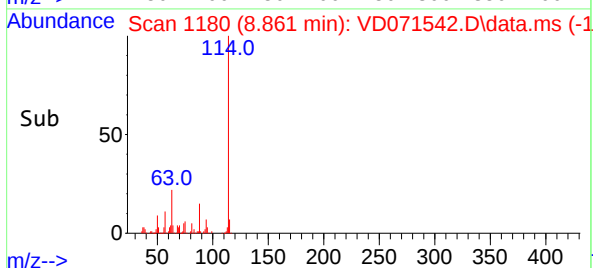
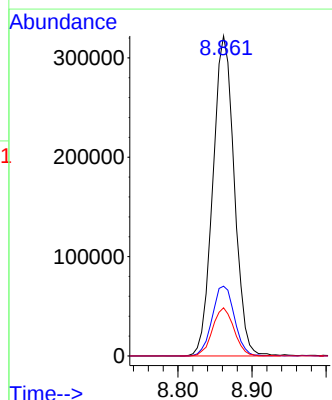
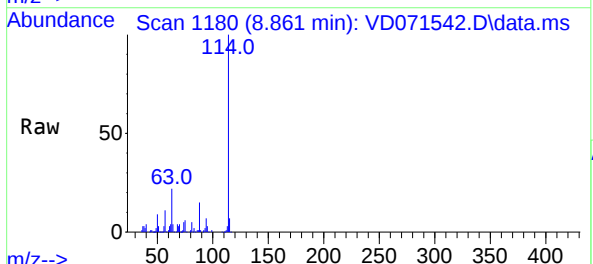
Instrument :
MSVOA_D
ClientSampleId :
RT3990

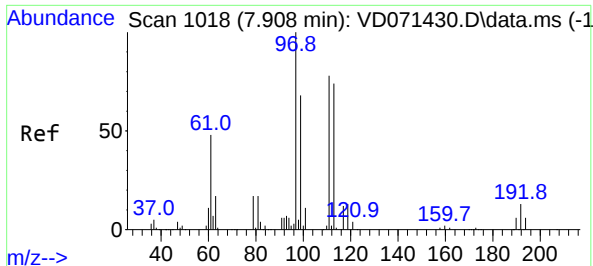
Tgt Ion: 65 Resp: 204886
Ion Ratio Lower Upper
65 100
67 52.0 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 114 Resp: 644835
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.8
88 15.1 0.0 32.8

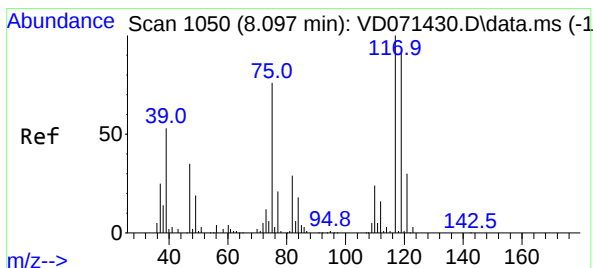
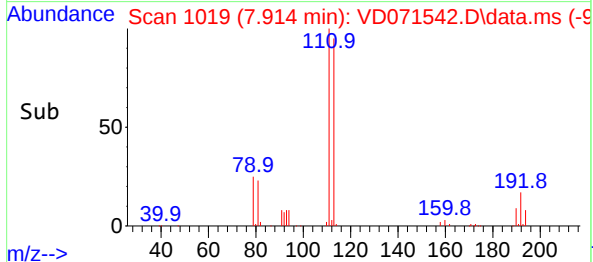
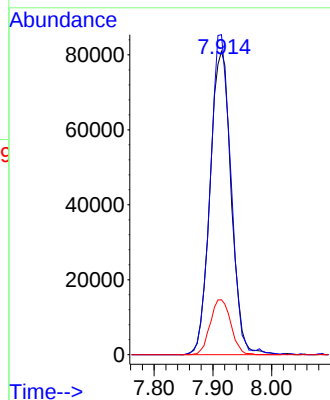
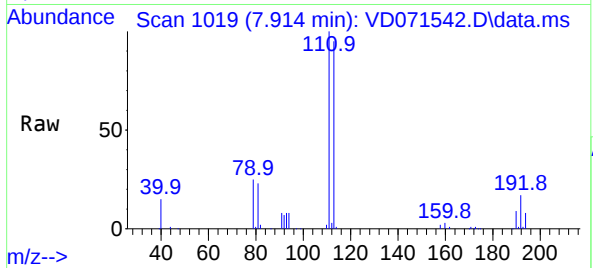




#35
Dibromofluoromethane
Concen: 46.709 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

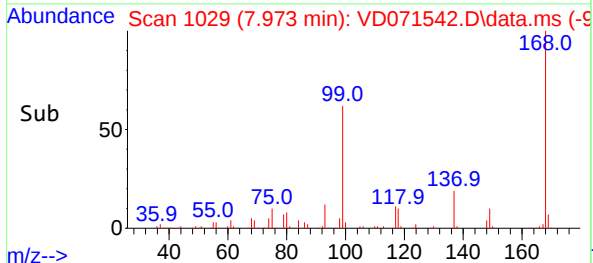
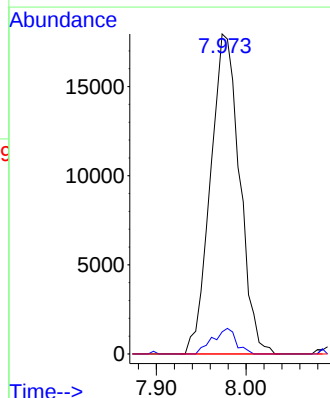
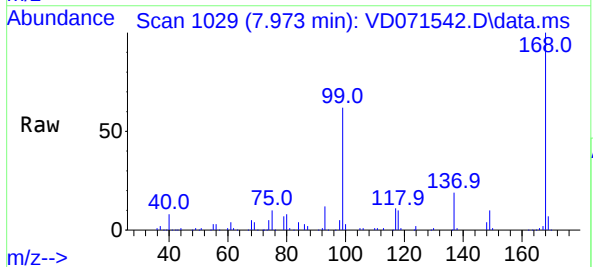
Instrument :
MSVOA_D
ClientSampleId :
RT3990

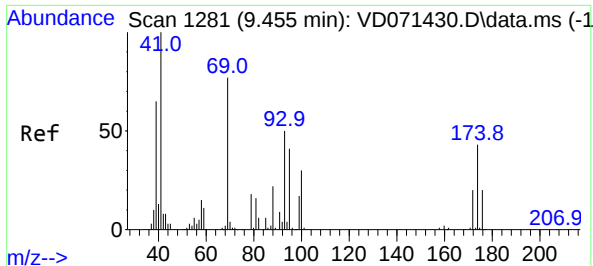
Tgt Ion:113 Resp: 202429
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 17.6 15.2 22.8



#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion:117 Resp: 40531
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 23.6 35.4#

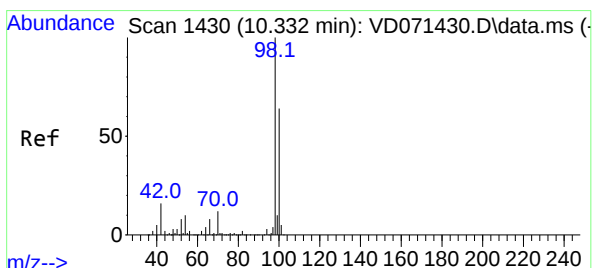
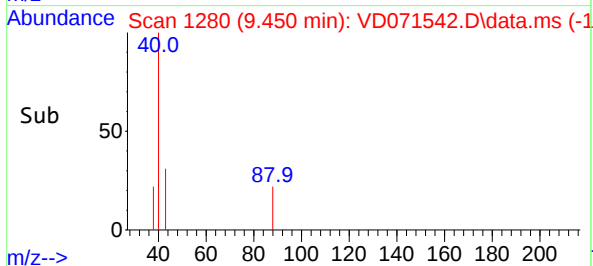
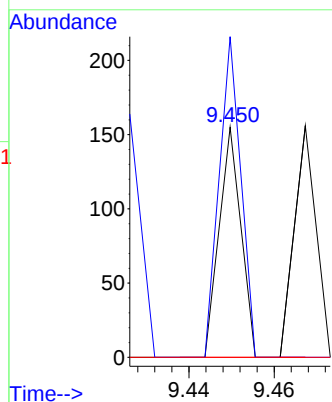
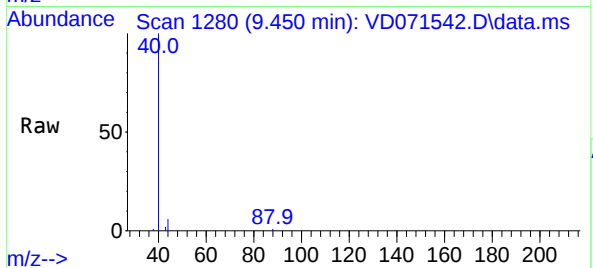




#49
1,4-Dioxane
Concen: 1.824 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

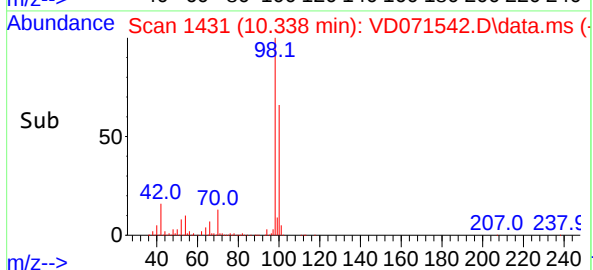
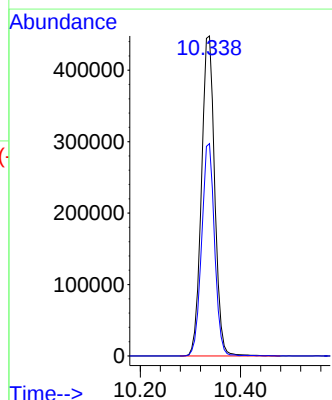
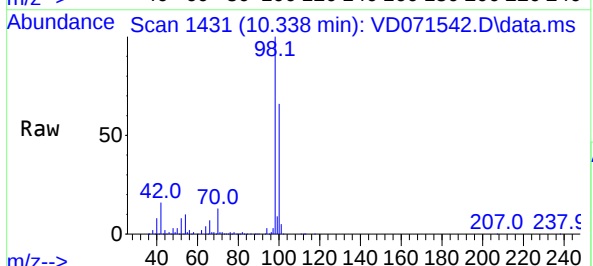
Instrument :
MSVOA_D
ClientSampleId :
RT3990

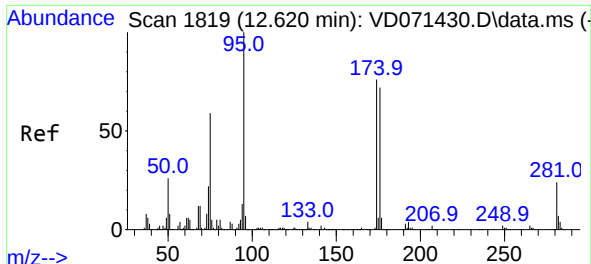
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 138.2 28.9 43.3#
58 0.0 56.3 84.5#



#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 98 Resp: 818642
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

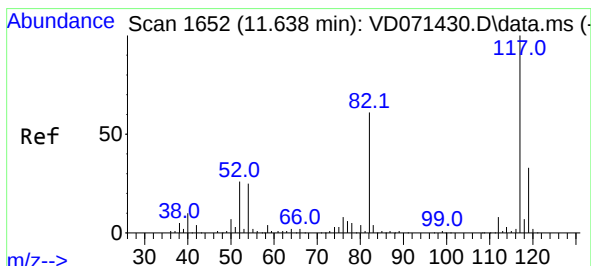
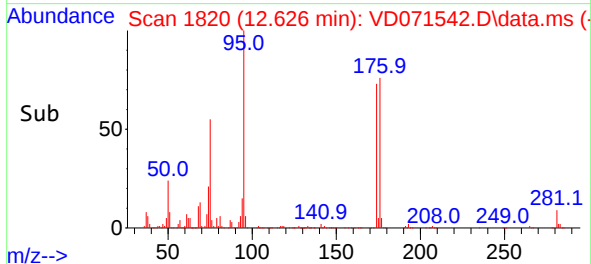
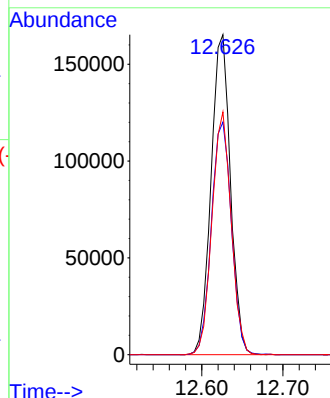
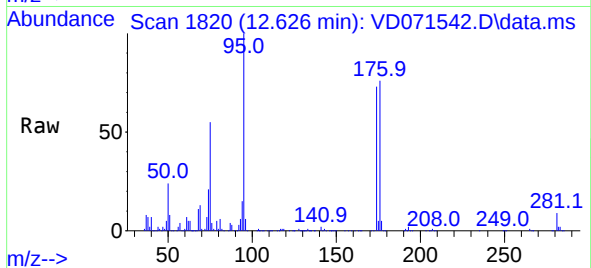




#62
4-Bromofluorobenzene
Concen: 47.047 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

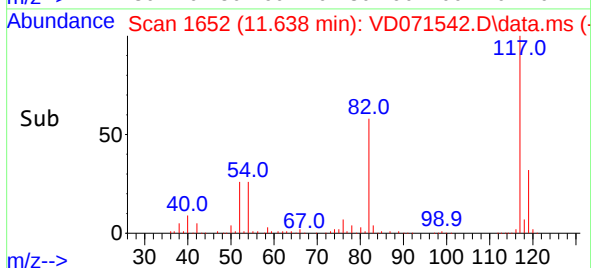
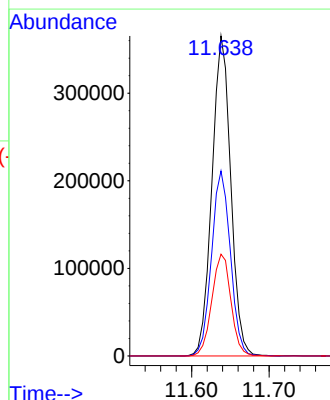
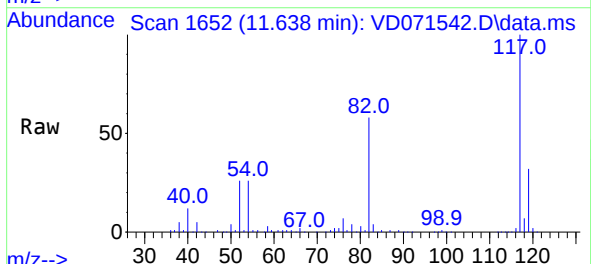
Instrument :
MSVOA_D
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RT3990

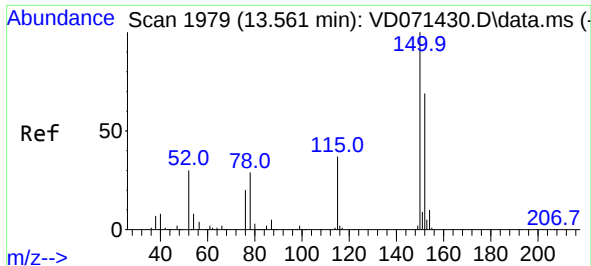
Tgt Ion: 95 Resp: 273799
Ion Ratio Lower Upper
95 100
174 75.3 0.0 159.4
176 75.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 117 Resp: 615727
Ion Ratio Lower Upper
117 100
82 57.8 44.7 67.1
119 31.8 26.2 39.4

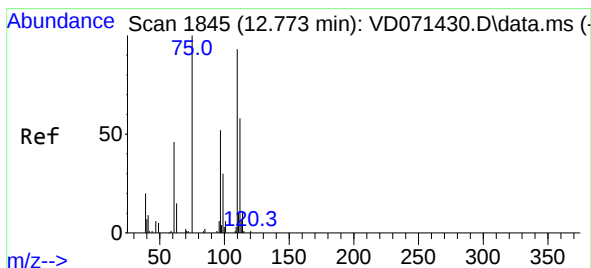
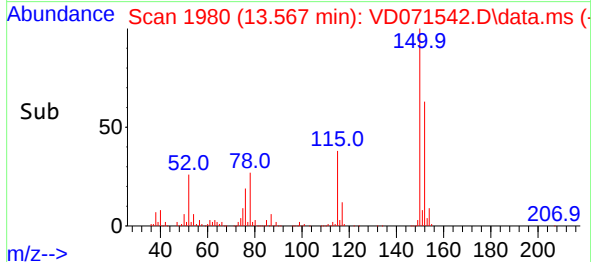
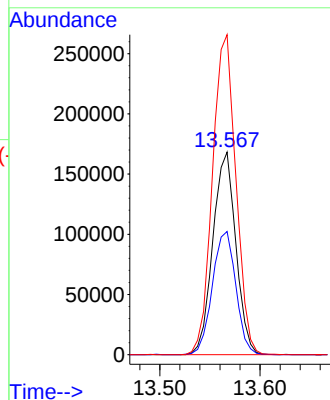
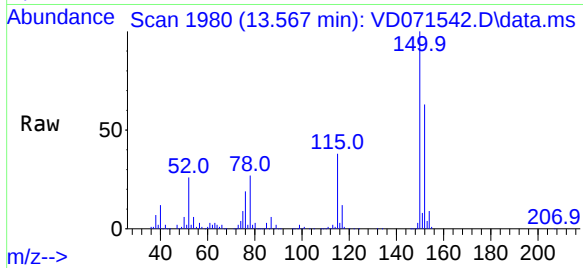




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1819
 Delta R.T. 0.006 min
 Lab File: VD071542.D
 Acq: 30 Dec 2021 11:58

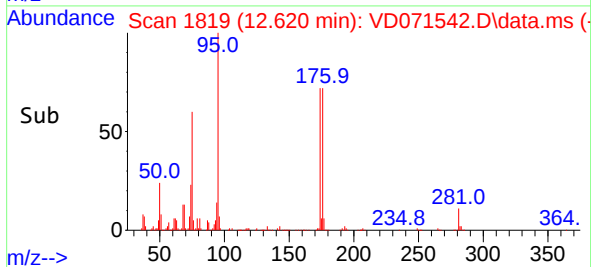
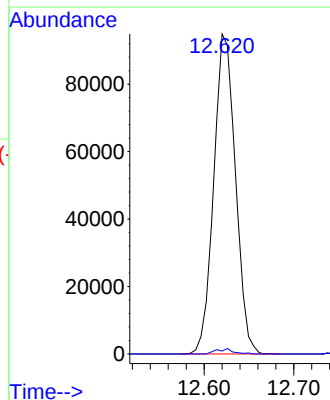
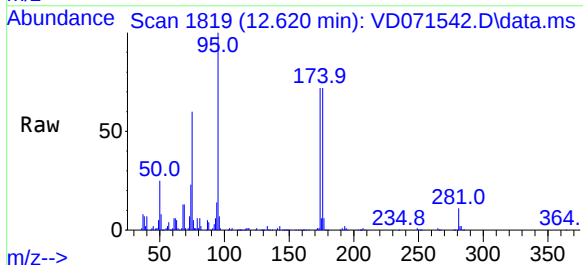
Instrument :
 MSVOA_D
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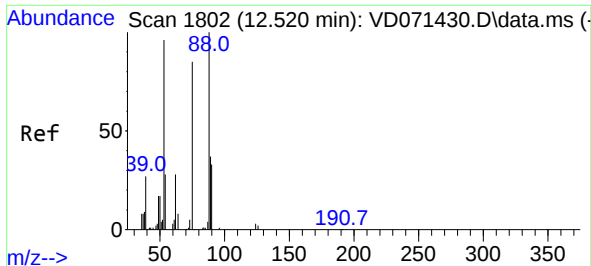
Tgt Ion:152 Resp: 268154
 Ion Ratio Lower Upper
 152 100
 115 62.2 29.8 89.3
 150 160.9 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 50.018 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071542.D
 Acq: 30 Dec 2021 11:58

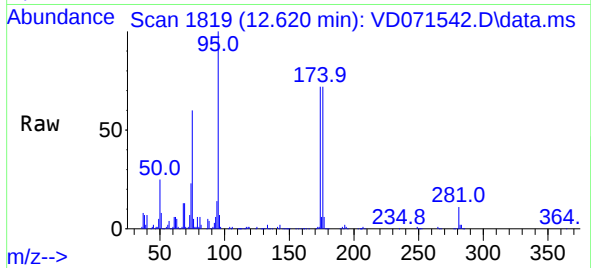
Tgt Ion: 75 Resp: 159364
 Ion Ratio Lower Upper
 75 100
 77 1.3 158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 141.327 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
RT3990



Tgt Ion: 75 Resp: 159364
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.3 34.5 51.7#

