

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071509.D
 Acq On : 28 Dec 2021 18:04
 Operator : VA/SY
 Sample : M5236-12
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8-(19.5-20)

Quant Time: Dec 28 19:27:12 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)

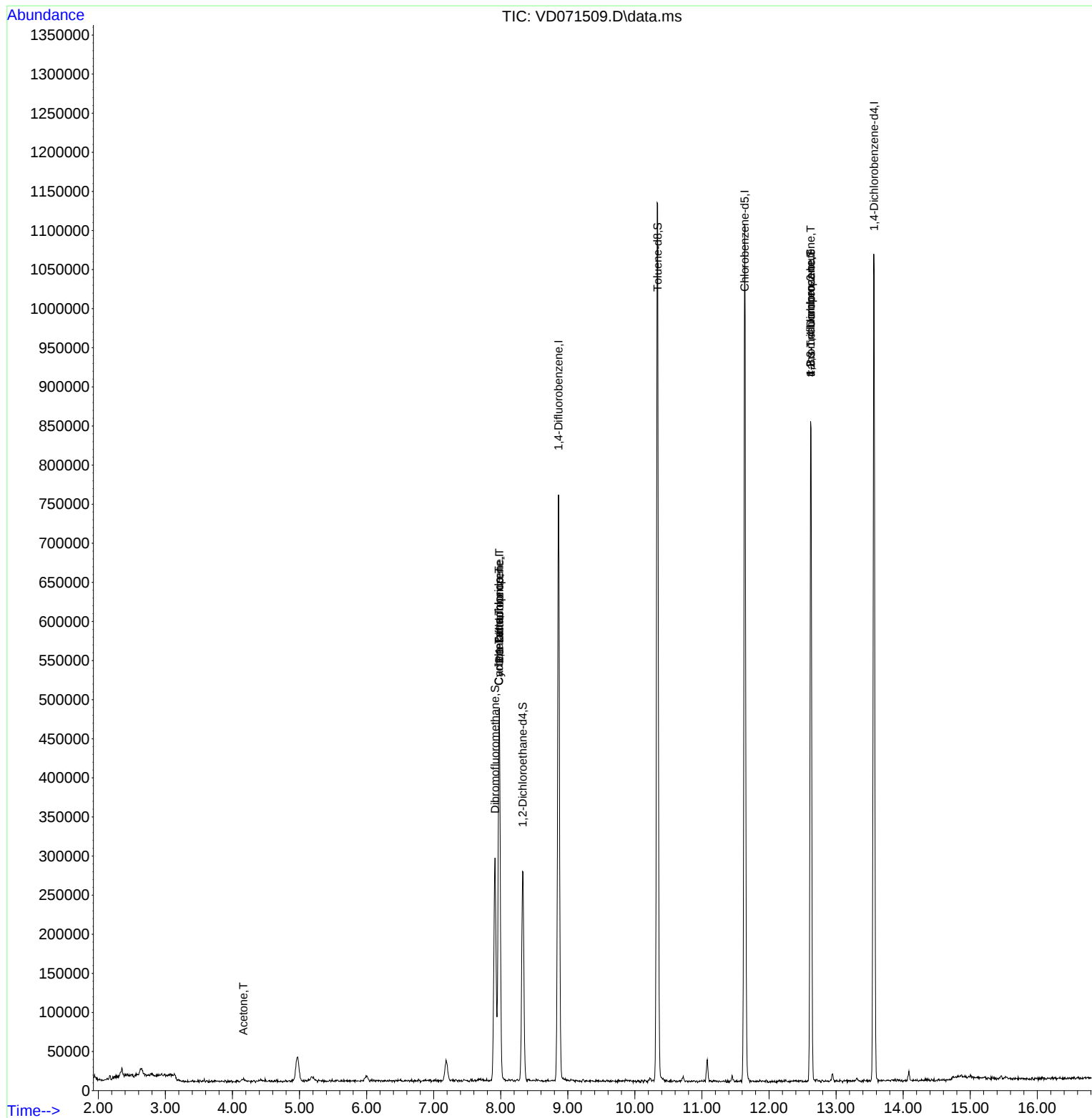
Internal Standards						
1) Pentafluorobenzene	7.979	168	332782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	567112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218431	49.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.914	113	195123	49.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.338	98	749332	50.556	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.620	95	262917	49.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.840%
Target Compounds						
11) Tert butyl alcohol	5.185	59	5894	Below Cal	#	71
16) Acetone	4.162	43	6759	6.089	ug/l #	65
20) Methylene Chloride	4.968	84	22801	Below Cal		90
31) Cyclohexane	7.973	56	9480	1.263	ug/l #	12
36) 1,1-Dichloropropene	7.979	75	30751	4.907	ug/l #	50
38) Carbon Tetrachloride	7.973	117	36888	5.967	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	150765	49.376	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	150765	139.512	ug/l #	18

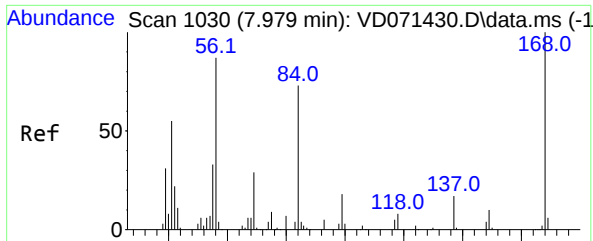
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
SB-8-(19.5-20)

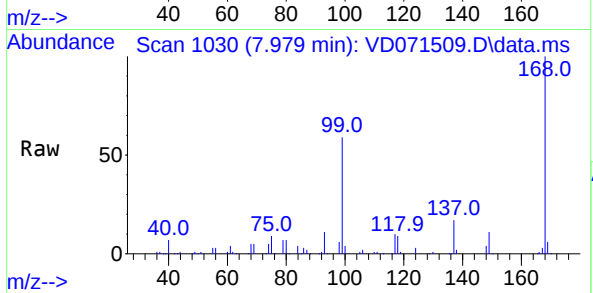
Quant Time: Dec 28 19:27:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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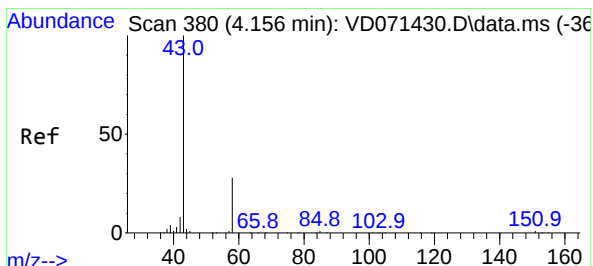
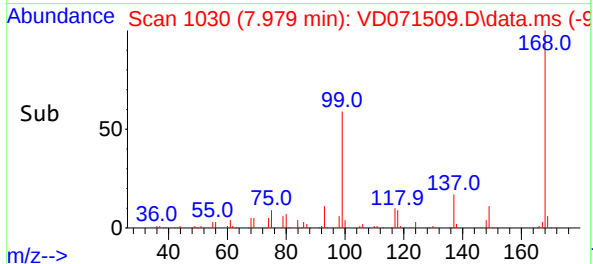
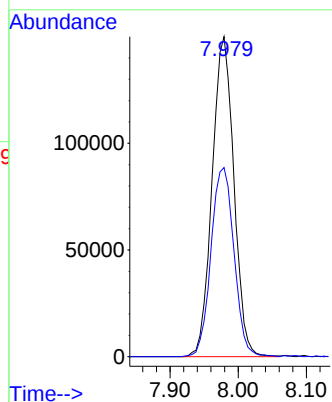


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Instrument :
MSVOA_D
ClientSampleId :
SB-8-(19.5-20)

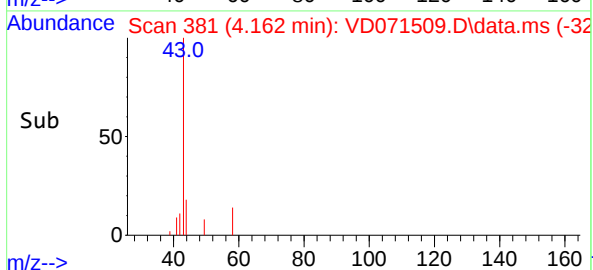
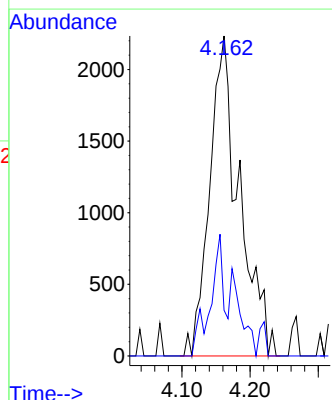
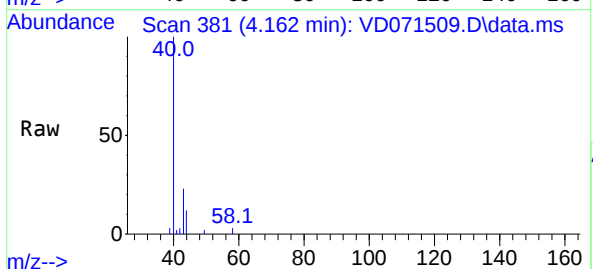


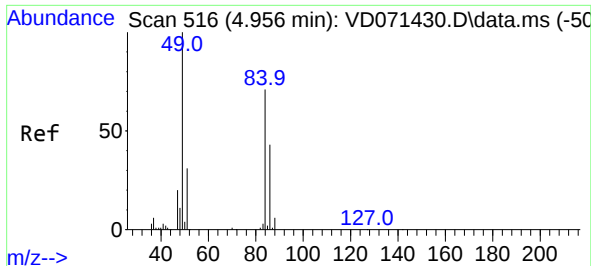
Tgt Ion:168 Resp: 332782
Ion Ratio Lower Upper
168 100
99 59.1 46.6 69.8



#16
Acetone
Concen: 6.089 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Tgt Ion: 43 Resp: 6759
Ion Ratio Lower Upper
43 100
58 14.3 27.8 41.8#



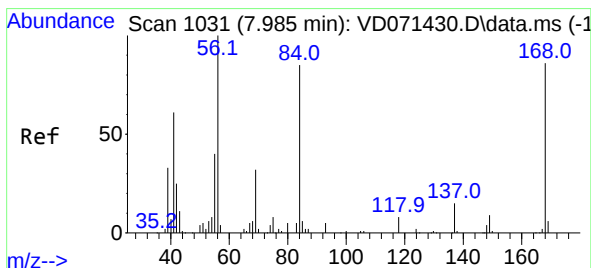
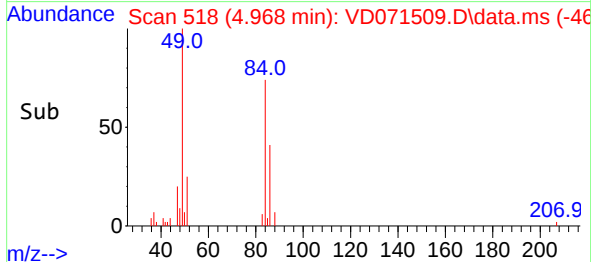
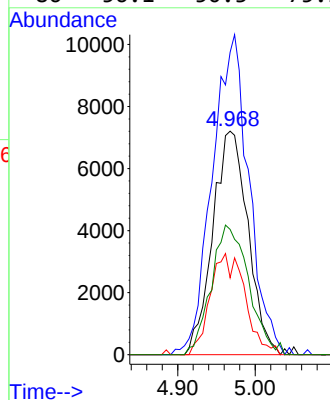
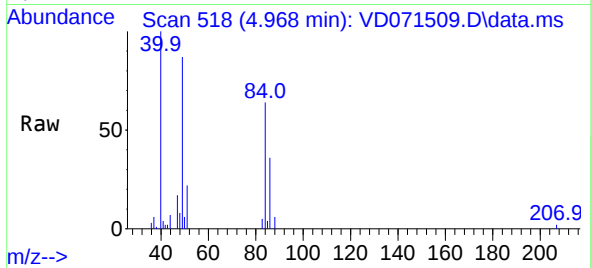


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 516
Delta R.T. 0.007 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Instrument :
MSVOA_D
ClientSampleId :
SB-8-(19.5-20)

Tgt Ion: 84 Resp: 22801

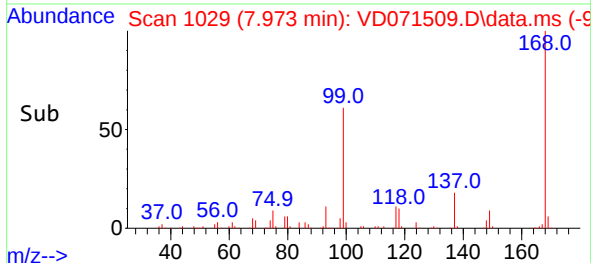
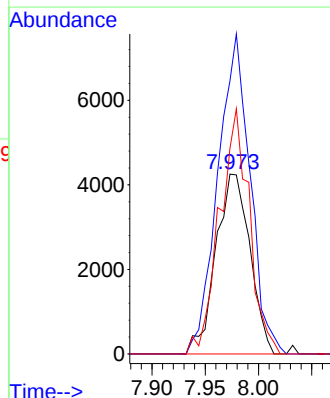
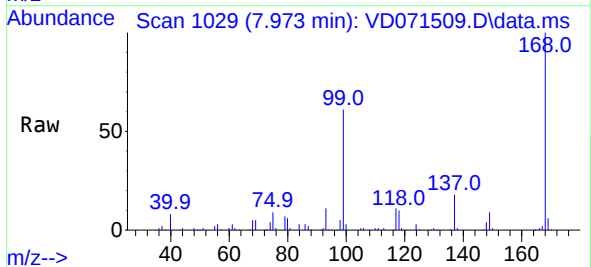
Ion	Ratio	Lower	Upper
84	100		
49	133.0	95.8	143.6
51	34.4	30.9	46.3
86	56.1	50.3	75.5

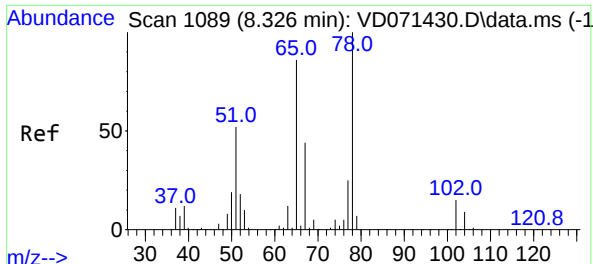


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Tgt Ion: 56 Resp: 9480

Ion	Ratio	Lower	Upper
56	100		
69	151.8	25.9	38.9#
84	114.3	64.3	96.5#

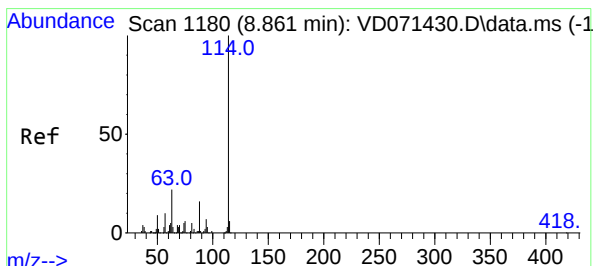
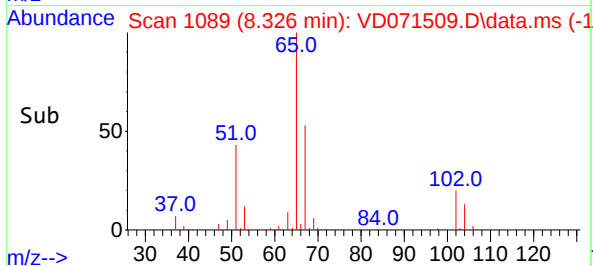
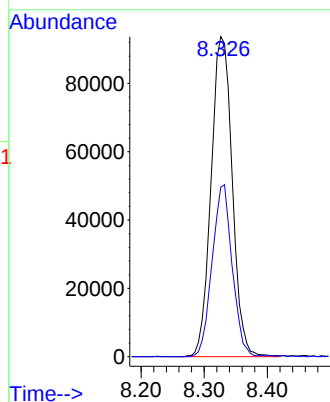
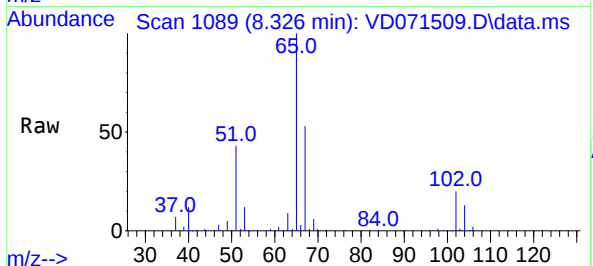




#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

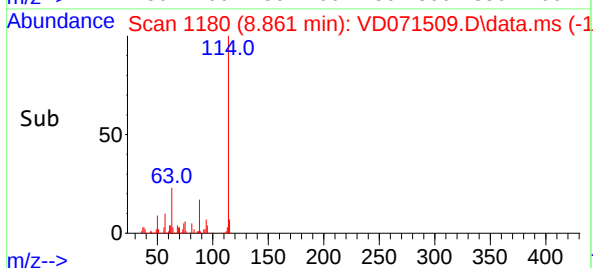
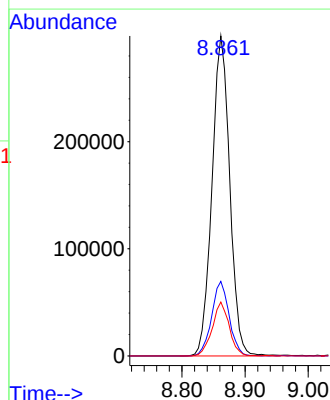
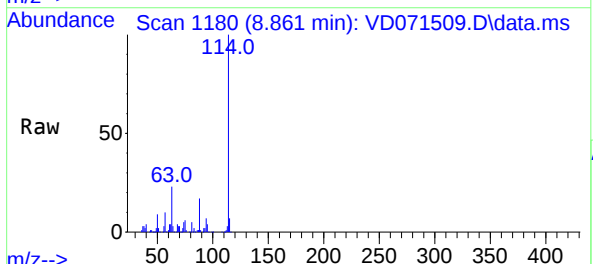
Instrument :
MSVOA_D
ClientSampleId :
SB-8-(19.5-20)

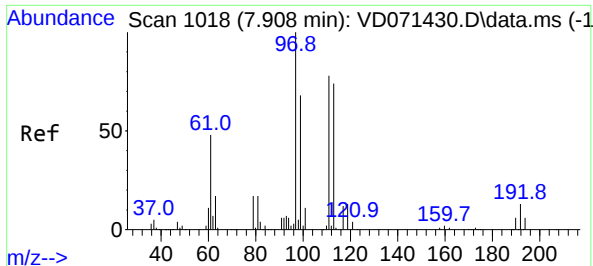
Tgt Ion: 65 Resp: 218431
Ion Ratio Lower Upper
65 100
67 50.8 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Tgt Ion: 114 Resp: 583584
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.9 0.0 32.8

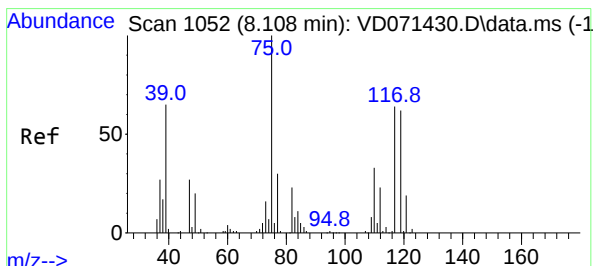
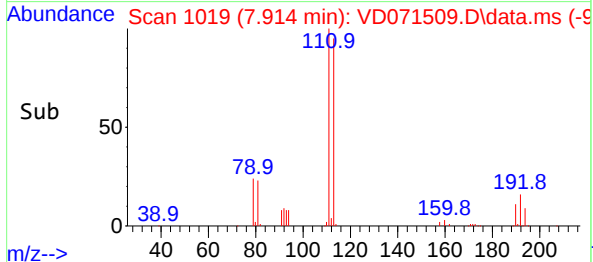
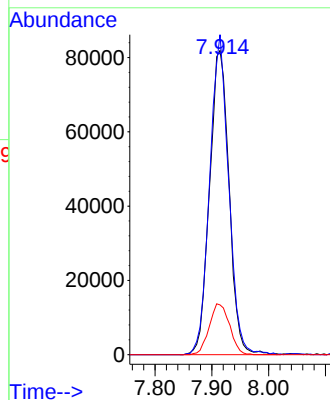
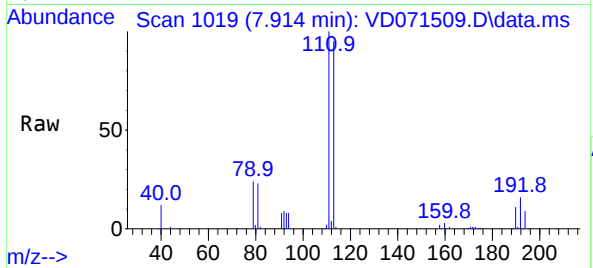




#35
Dibromofluoromethane
Concen: 49.749 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

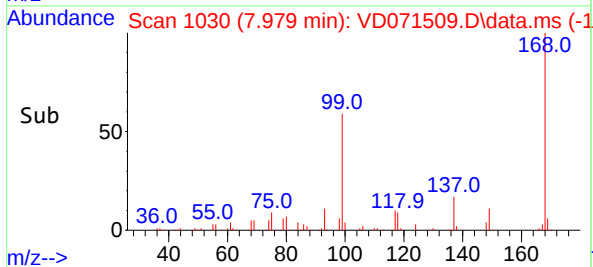
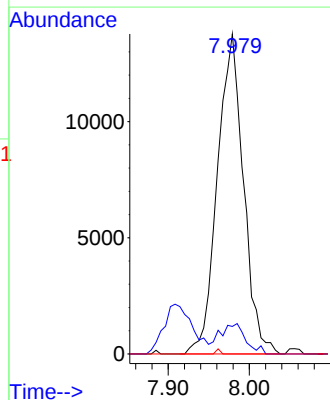
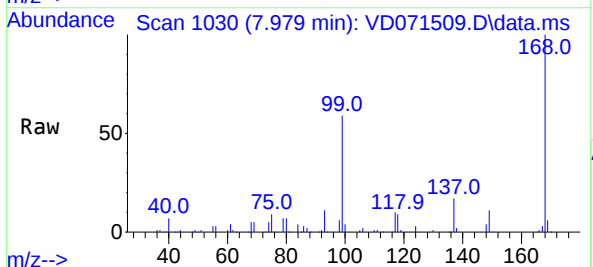
Instrument :
MSVOA_D
ClientSampleId :
SB-8-(19.5-20)

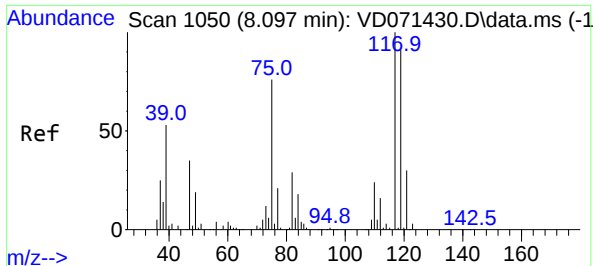
Tgt Ion:113 Resp: 195123
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 17.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

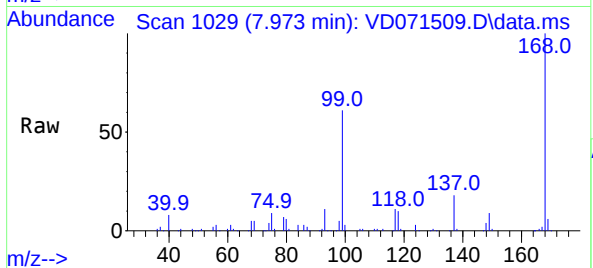
Tgt Ion: 75 Resp: 30751
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.4#
77 0.0 24.8 37.2#



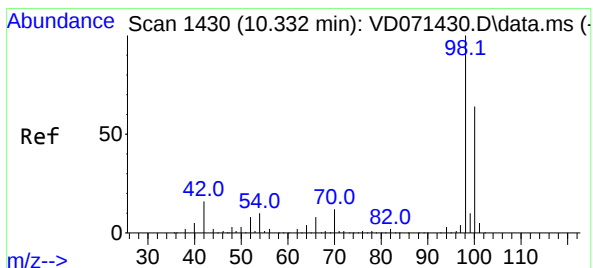
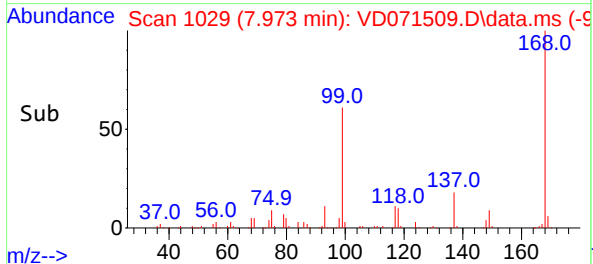
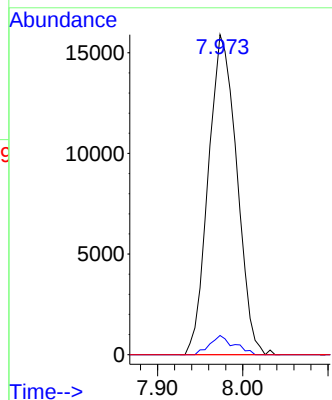


#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Instrument :
MSVOA_D
ClientSampleId :
SB-8-(19.5-20)

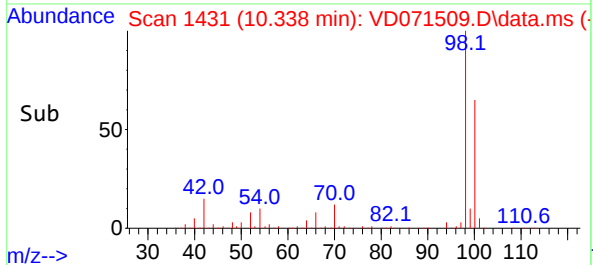
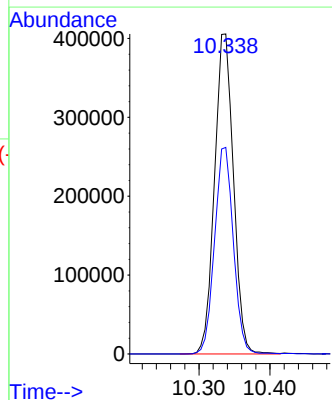
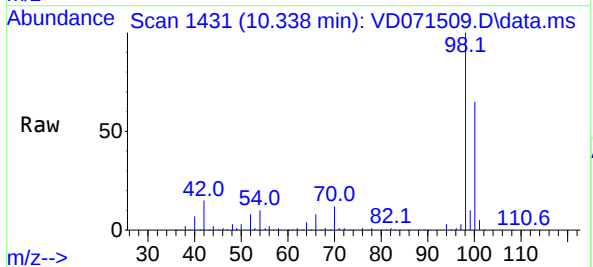


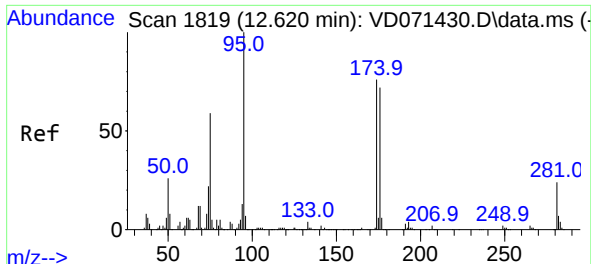
Tgt Ion:117 Resp: 36888
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.556 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Tgt Ion: 98 Resp: 749332
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

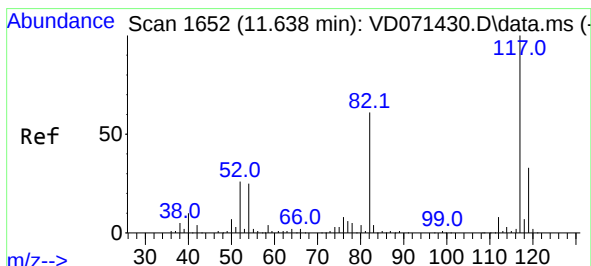
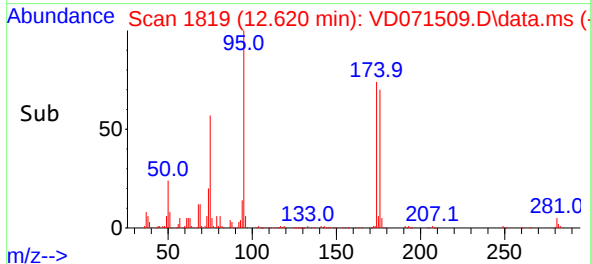
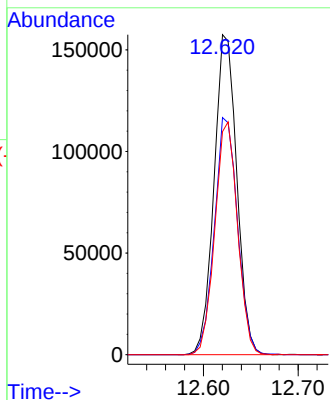
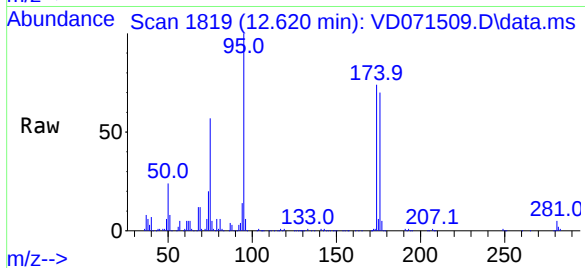




#62
4-Bromofluorobenzene
Concen: 49.918 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

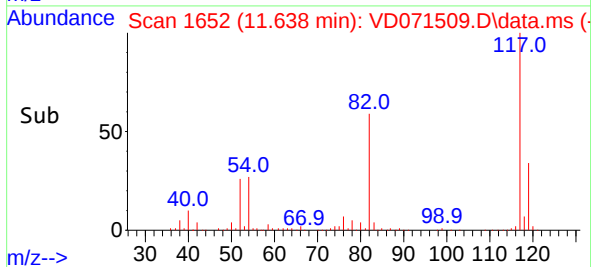
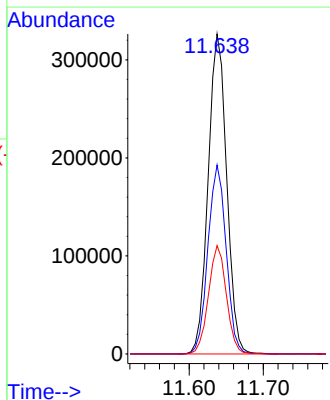
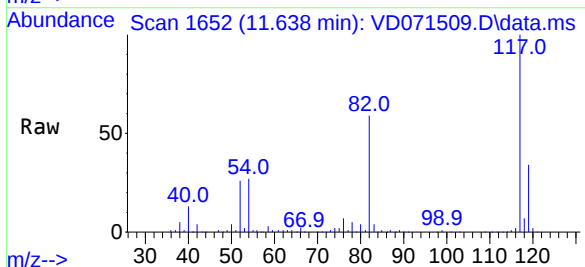
Instrument :
MSVOA_D
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SB-8-(19.5-20)

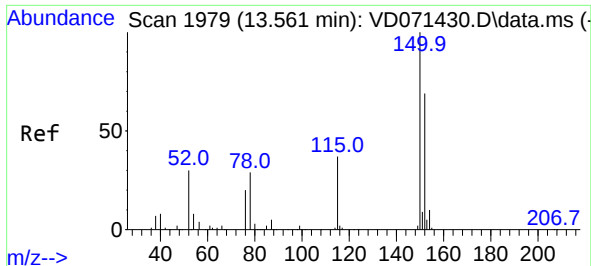
Tgt Ion: 95 Resp: 262917
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Tgt Ion: 117 Resp: 567112
Ion Ratio Lower Upper
117 100
82 59.0 44.7 67.1
119 33.9 26.2 39.4

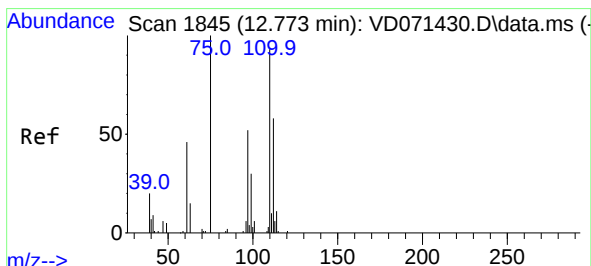
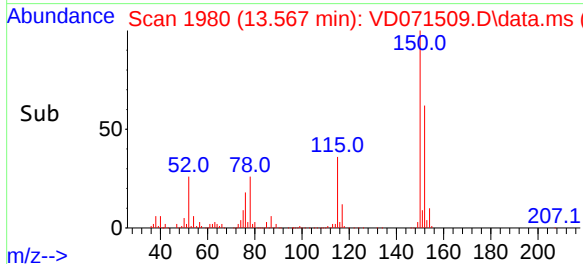
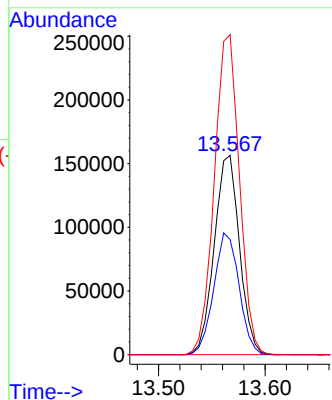
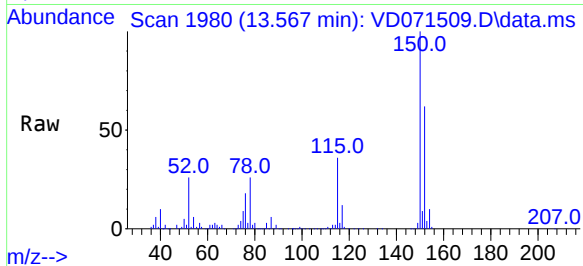




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

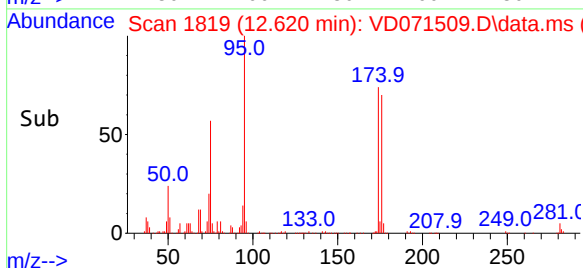
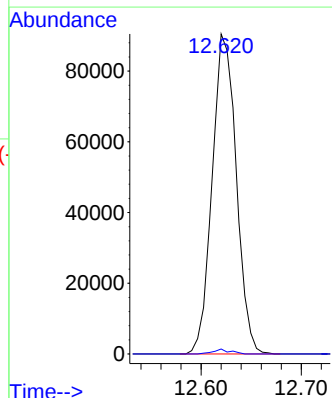
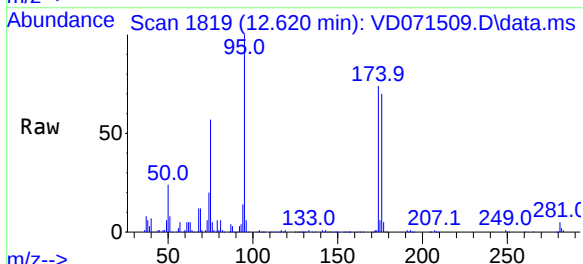
Instrument :
MSVOA_D
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SB-8-(19.5-20)

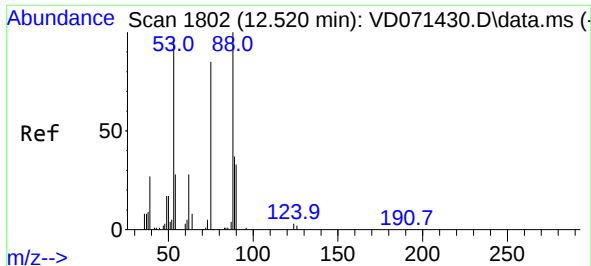
Tgt Ion:152 Resp: 256984
Ion Ratio Lower Upper
152 100
115 61.4 29.8 89.3
150 160.2 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 49.376 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

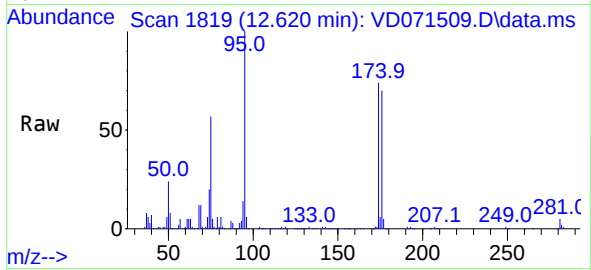
Tgt Ion: 75 Resp: 150765
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.512 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071509.D
Acq: 28 Dec 2021 18:04

Instrument :
MSVOA_D
ClientSampleId :
SB-8-(19.5-20)



Tgt Ion: 75 Resp: 150765
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.3 34.5 51.7#

