

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071512.D
 Acq On : 28 Dec 2021 19:28
 Operator : VA/SY
 Sample : M5236-08
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Dec 28 20:43:10 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)

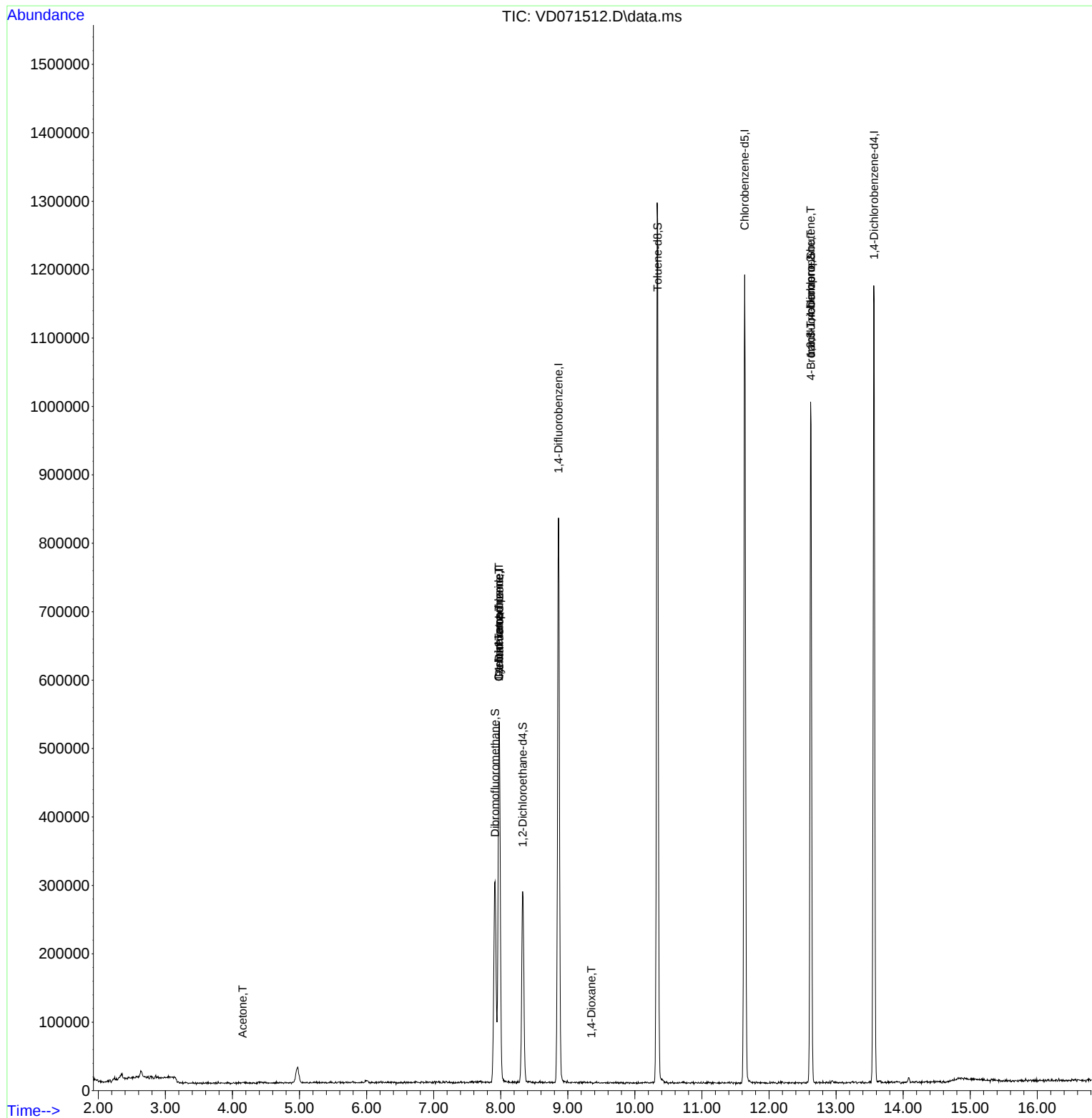
Internal Standards						
1) Pentafluorobenzene	7.979	168	367925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	654314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	618281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	276902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	228230	46.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.914	113	208727	47.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.920%		
50) Toluene-d8	10.338	98	823459	49.551	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.626	95	282165	47.782	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.560%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	96	Below Cal	#	71
16) Acetone	4.150	43	1362	1.110	ug/l #	82
20) Methylene Chloride	4.962	84	16254	Below Cal		92
31) Cyclohexane	7.973	56	11543	1.391	ug/l #	37
36) 1,1-Dichloropropene	7.973	75	33374	4.750	ug/l #	50
38) Carbon Tetrachloride	7.973	117	39854	5.750	ug/l #	16
49) 1,4-Dioxane	9.350	88	63	2.059	ug/l #	23
76) 1,2,3-Trichloropropane	12.620	75	162728	49.460	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	162728	139.751	ug/l #	18

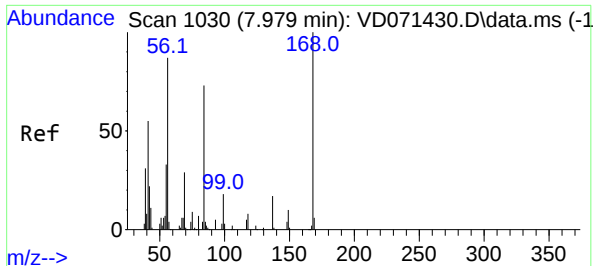
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

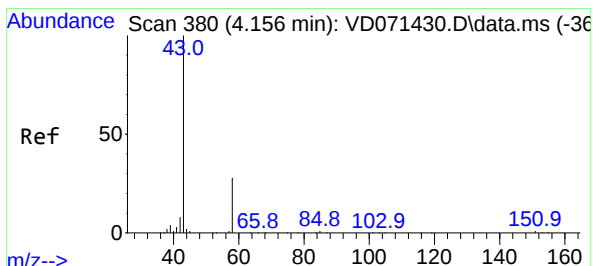
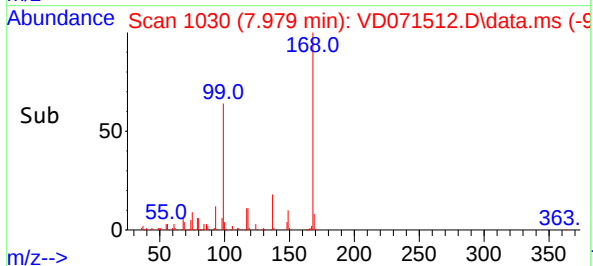
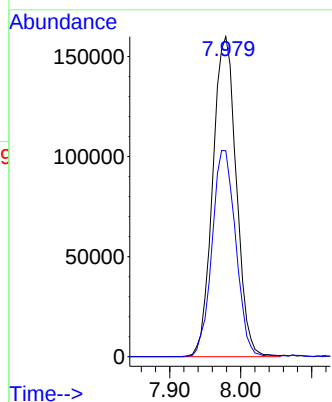
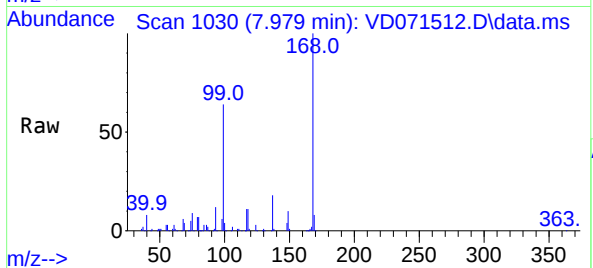




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

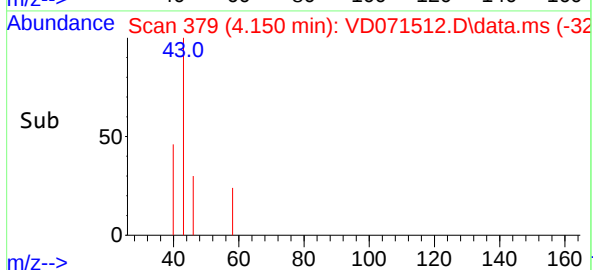
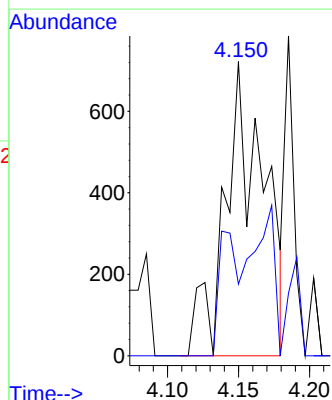
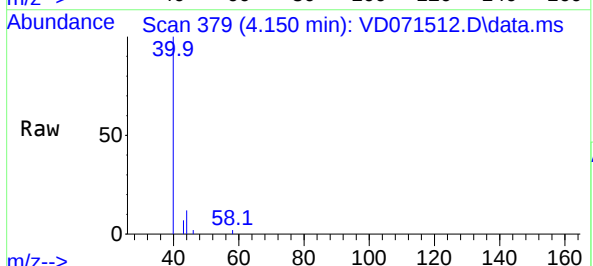
Instrument :
MSVOA_D
ClientSampleId :
SB-5

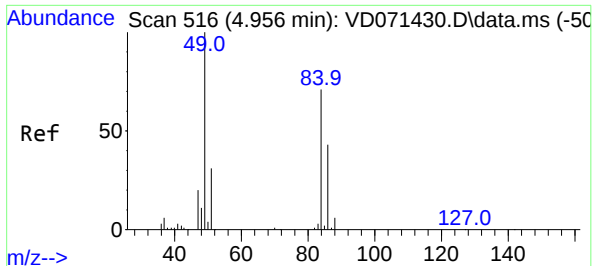
Tgt Ion:168 Resp: 367925
Ion Ratio Lower Upper
168 100
99 64.4 46.6 69.8



#16
Acetone
Concen: 1.110 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion: 43 Resp: 1362
Ion Ratio Lower Upper
43 100
58 24.4 27.8 41.8#



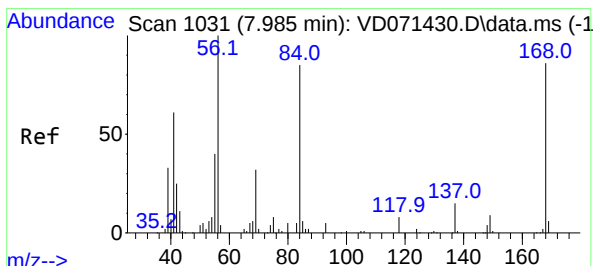
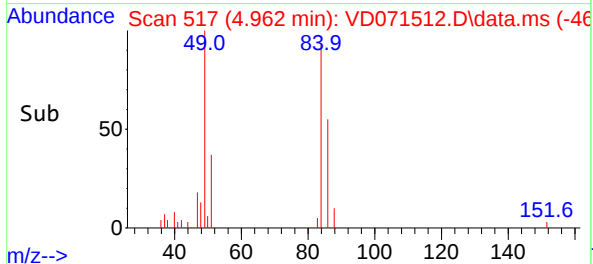
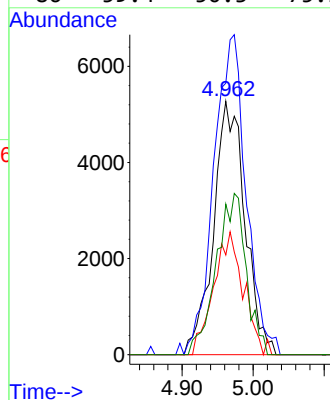
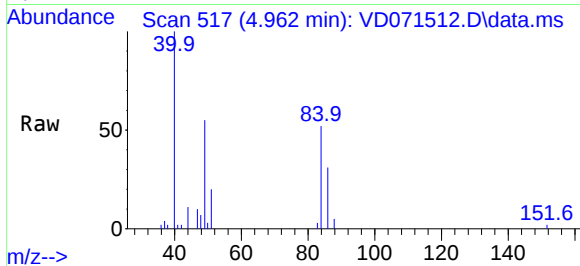


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion: 84 Resp: 16254

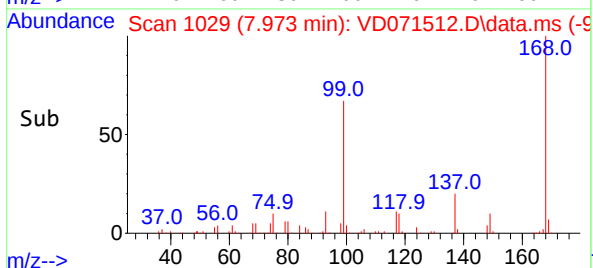
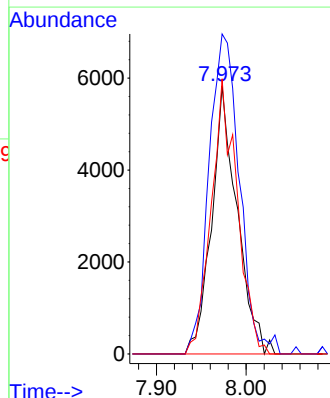
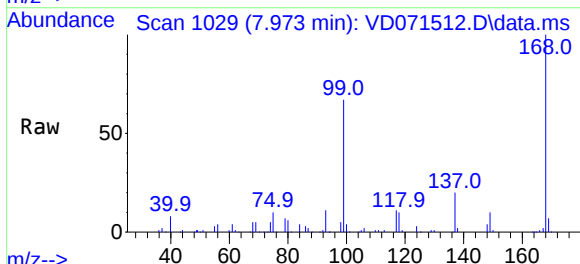
Ion	Ratio	Lower	Upper
84	100		
49	107.2	95.8	143.6
51	39.3	30.9	46.3
86	59.4	50.3	75.5

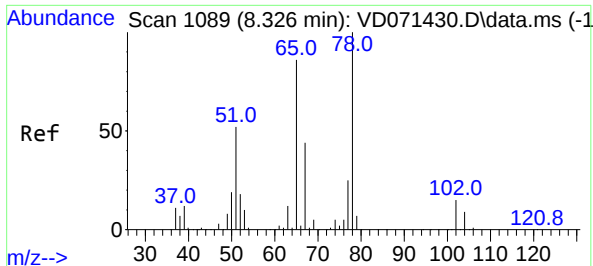


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion: 56 Resp: 11543

Ion	Ratio	Lower	Upper
56	100		
69	119.5	25.9	38.9#
84	102.7	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 46.708 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071512.D

Acq: 28 Dec 2021 19:28

Instrument :

MSVOA_D

ClientSampleId :

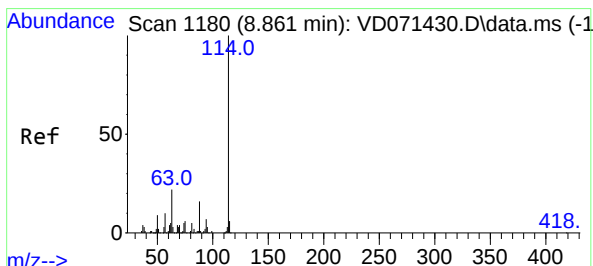
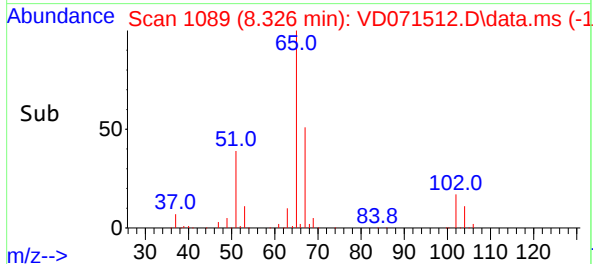
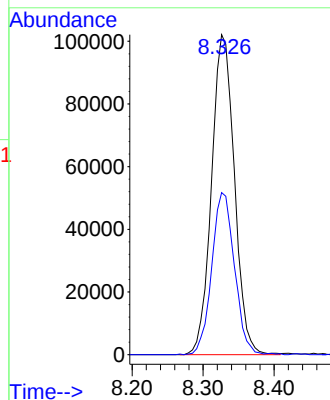
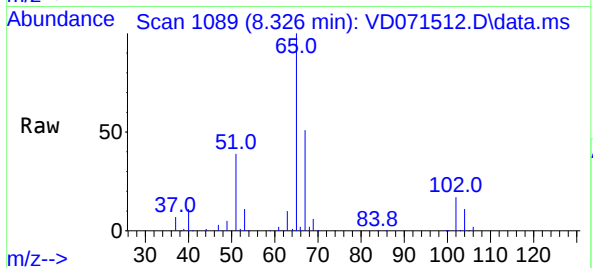
SB-5

Tgt Ion: 65 Resp: 228230

Ion Ratio Lower Upper

65 100

67 50.4 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: VD071512.D

Acq: 28 Dec 2021 19:28

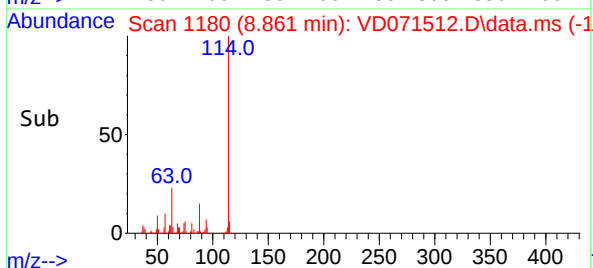
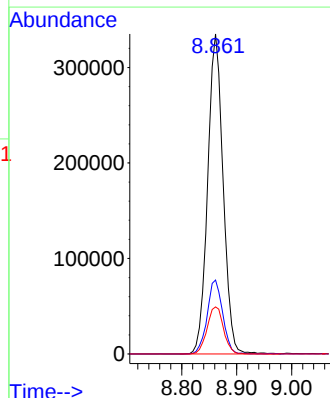
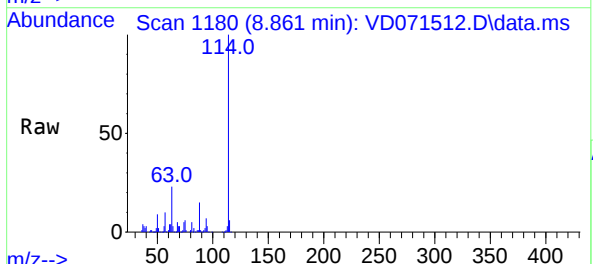
Tgt Ion: 114 Resp: 654314

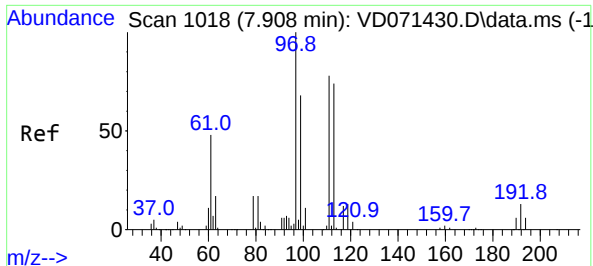
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 14.7 0.0 32.8

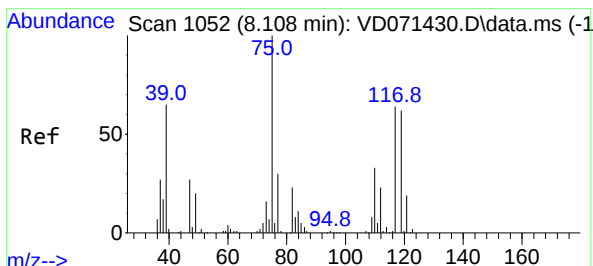
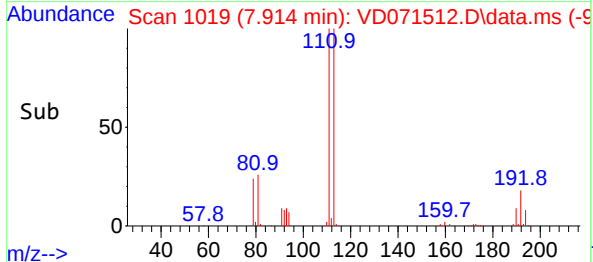
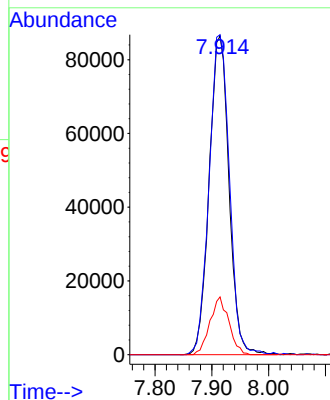
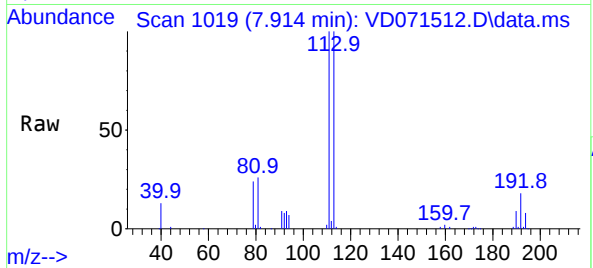




#35
Dibromofluoromethane
Concen: 47.465 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

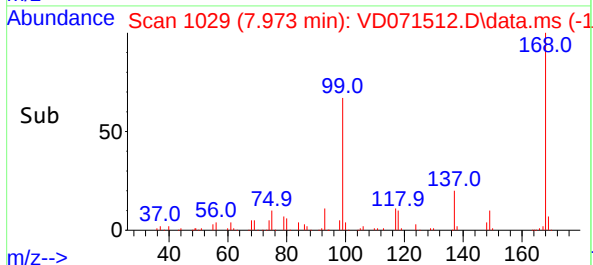
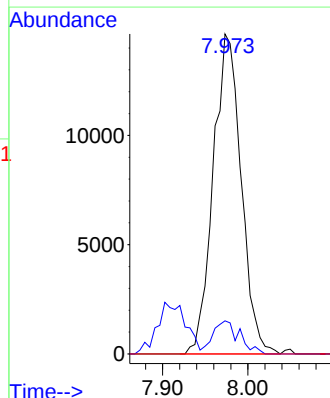
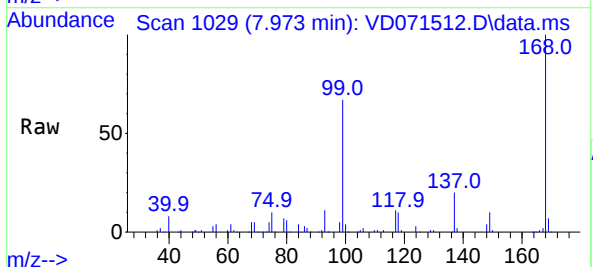
Instrument :
MSVOA_D
ClientSampleId :
SB-5

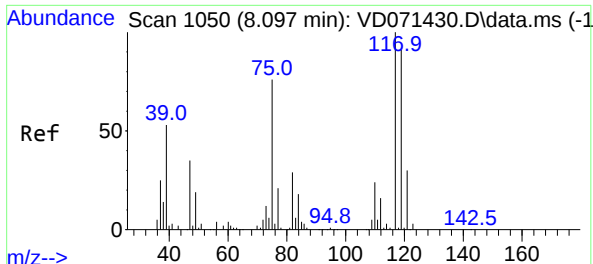
Tgt Ion:113 Resp: 208727
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 17.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

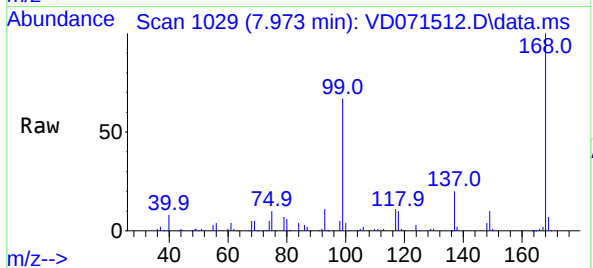
Tgt Ion: 75 Resp: 33374
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.4#
77 0.0 24.8 37.2#



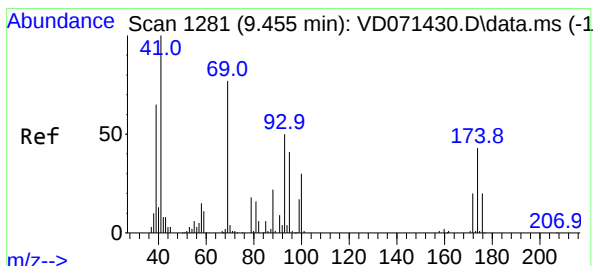
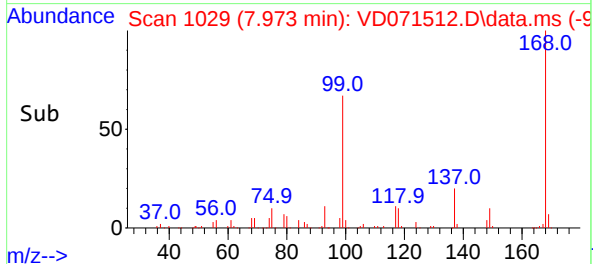
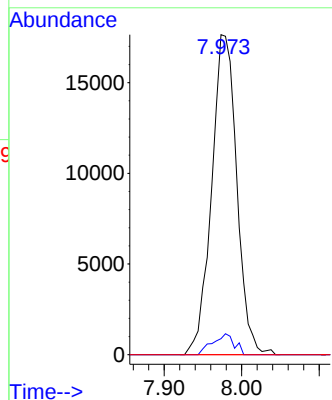


#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Instrument :
MSVOA_D
ClientSampleId :
SB-5

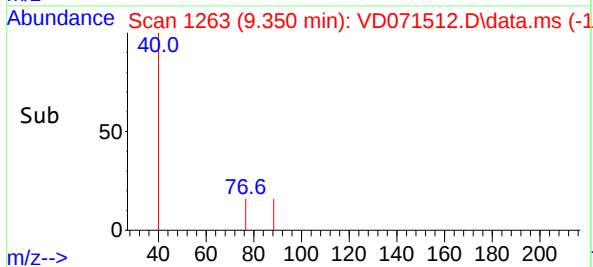
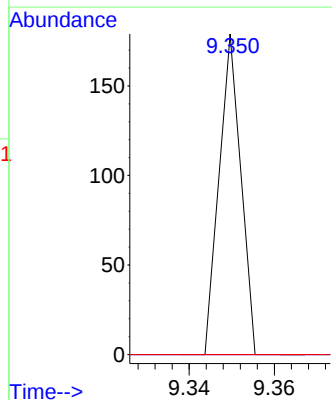
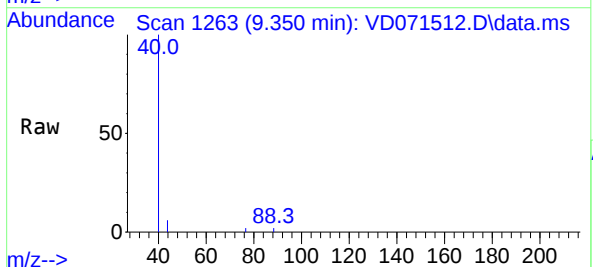


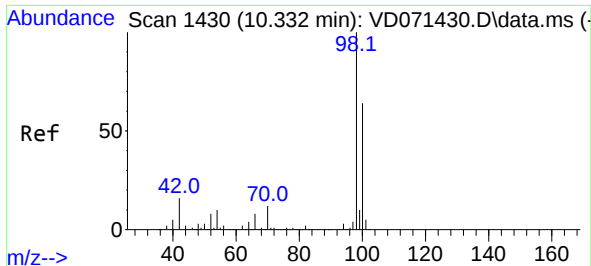
Tgt Ion:117 Resp: 39854
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 2.059 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.105 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#

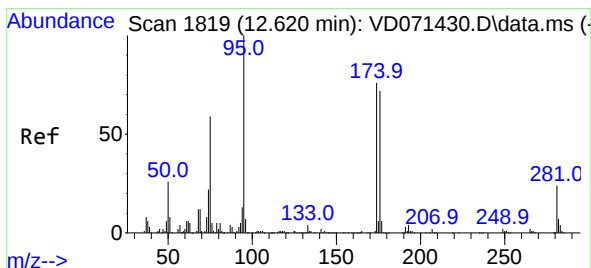
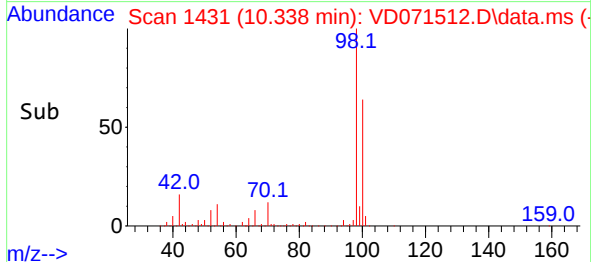
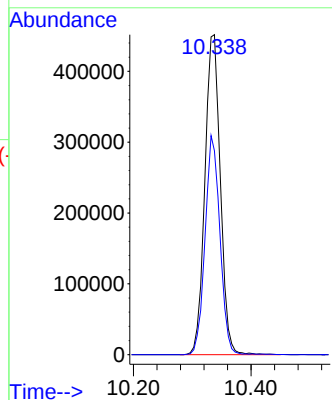
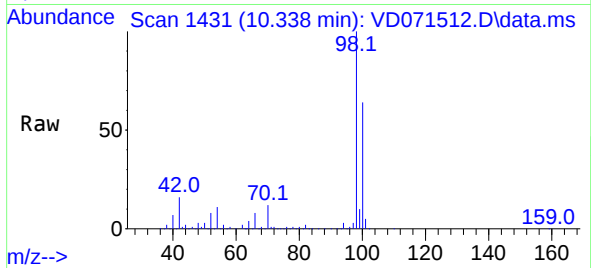




#50
Toluene-d8
Concen: 49.551 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

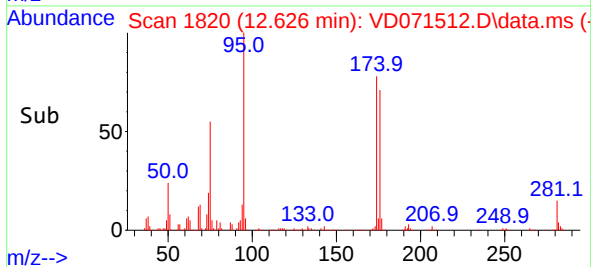
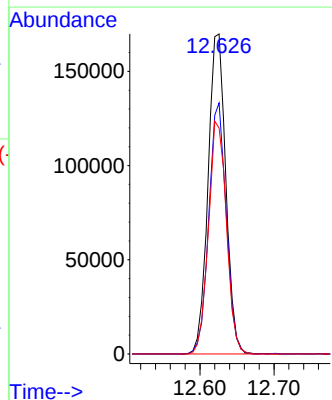
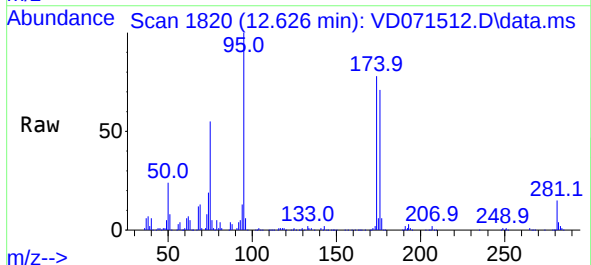
Instrument :
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ClientSampleId :
SB-5

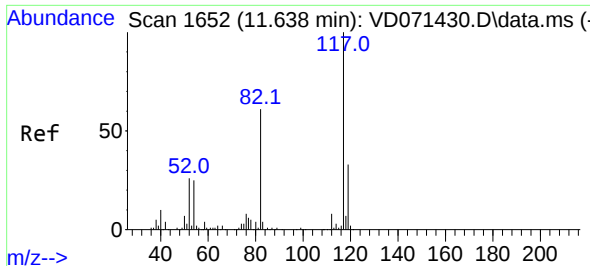
Tgt Ion: 98 Resp: 823459
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.782 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion: 95 Resp: 282165
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 73.4 0.0 154.0

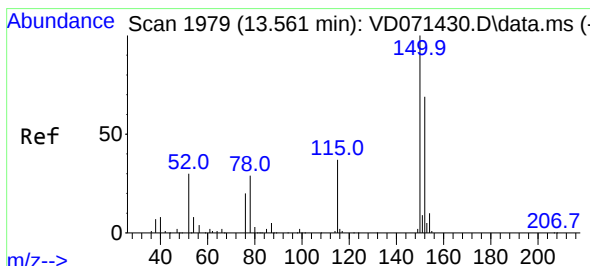
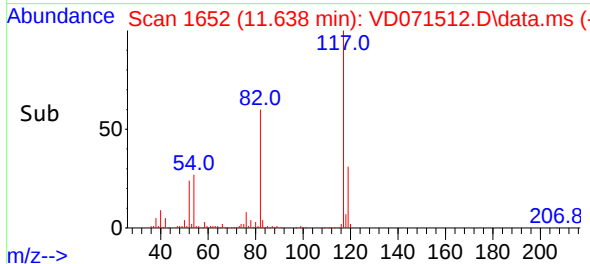
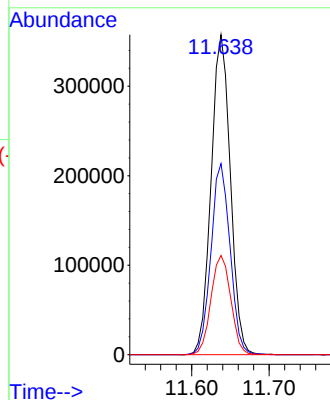
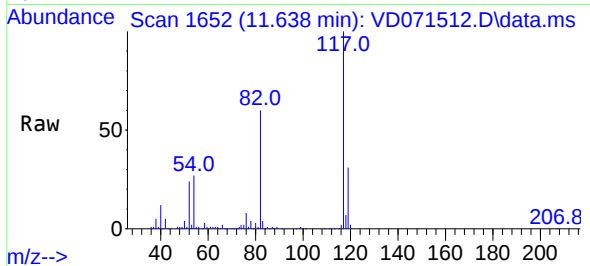




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

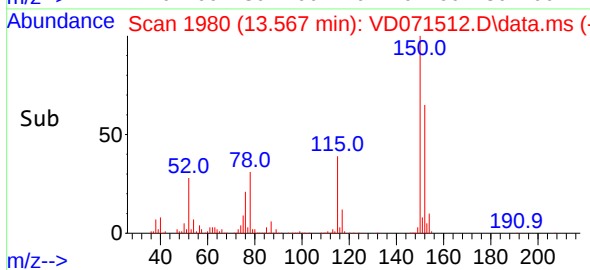
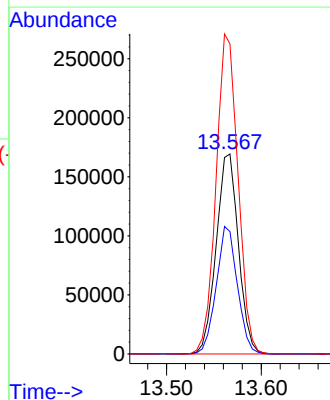
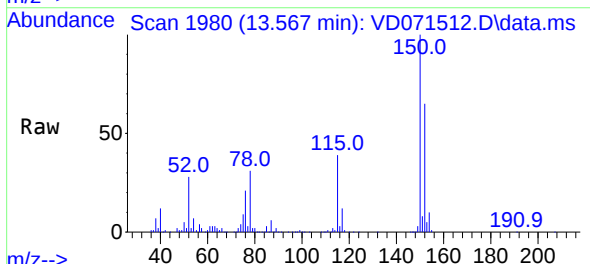
Instrument :
MSVOA_D
ClientSampleId :
SB-5

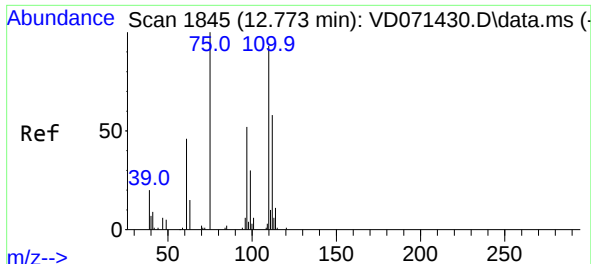
Tgt Ion:117 Resp: 618281
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 31.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion:152 Resp: 276902
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 158.0 0.0 349.2

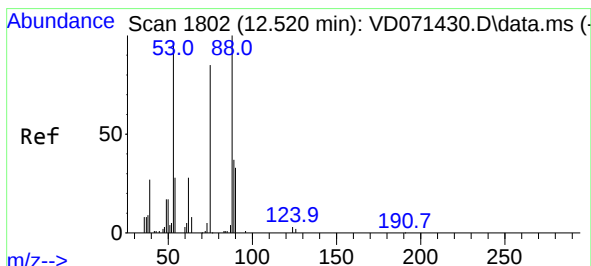
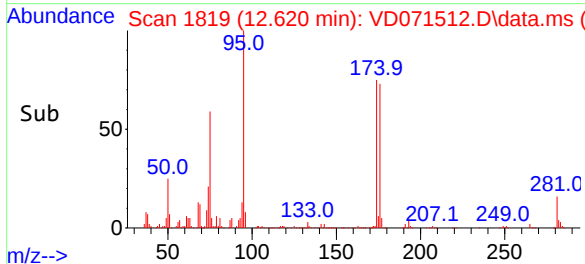
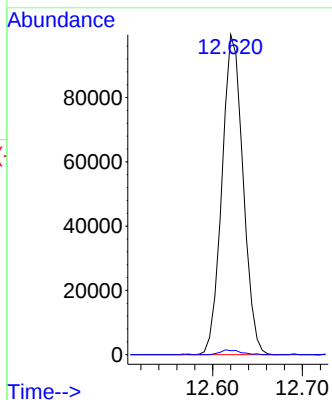
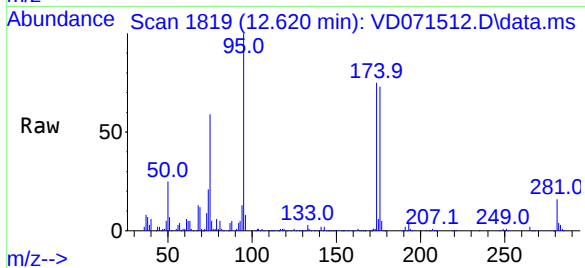




#76
1,2,3-Trichloropropane
Concen: 49.460 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion: 75 Resp: 162728
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.751 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071512.D
Acq: 28 Dec 2021 19:28

Tgt Ion: 75 Resp: 162728
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.2 34.5 51.7#

