

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071543.D
 Acq On : 30 Dec 2021 12:26
 Operator : VA/SY
 Sample : M5237-01
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

Quant Time: Dec 30 15:31:54 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)

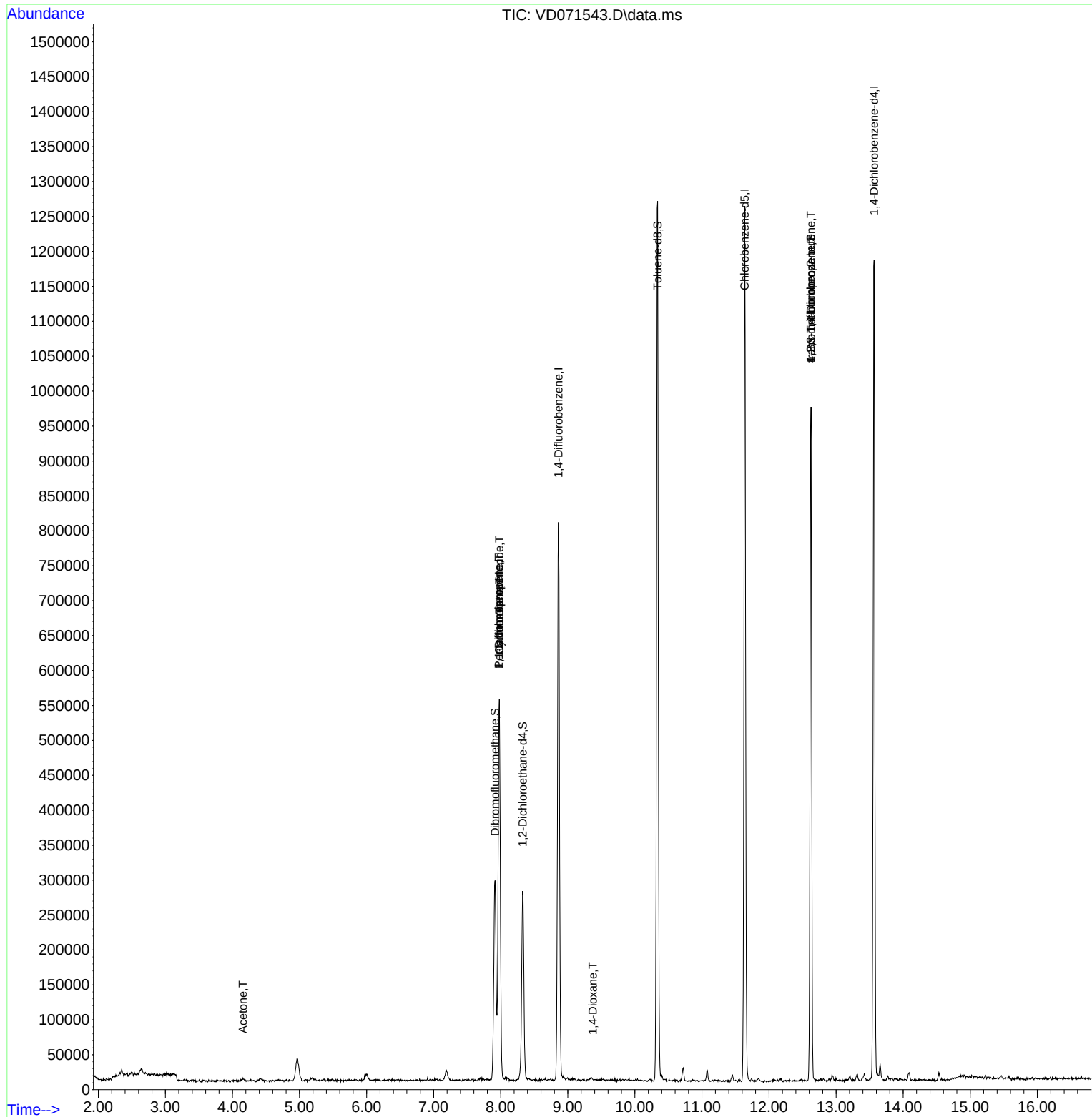
Internal Standards						
1) Pentafluorobenzene	7.973	168	378944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	641468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	624825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	284292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217453	43.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.420%
35) Dibromofluoromethane	7.914	113	201347	46.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.400%
50) Toluene-d8	10.338	98	822456	50.482	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.626	95	283591	48.985	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	2858	Below Cal	#	71
16) Acetone	4.156	43	5583	4.417	ug/l	92
20) Methylene Chloride	4.968	84	23261	Below Cal		90
31) Cyclohexane	7.979	56	11996	1.403	ug/l	# 17
36) 1,1-Dichloropropene	7.973	75	35961	5.221	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	42697	6.283	ug/l	# 16
49) 1,4-Dioxane	9.373	88	79	2.634	ug/l	# 23
76) 1,2,3-Trichloropropane	12.626	75	165661	49.043	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	165661	138.571	ug/l	# 18

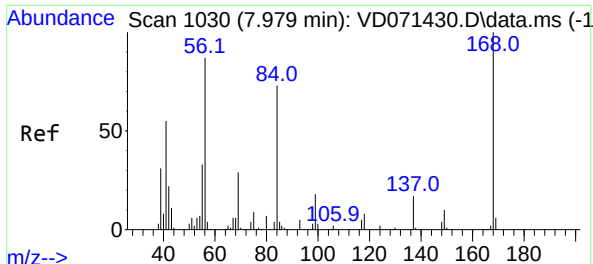
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071543.D
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Operator : VA/SY
Sample : M5237-01
Misc : 4.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1S

Quant Time: Dec 30 15:31:54 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

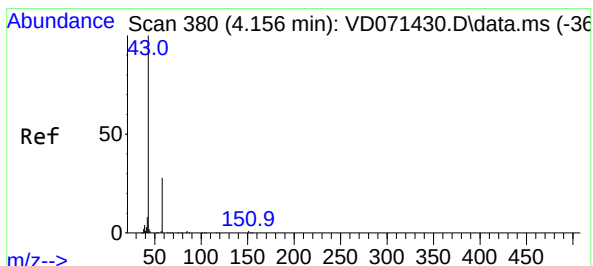
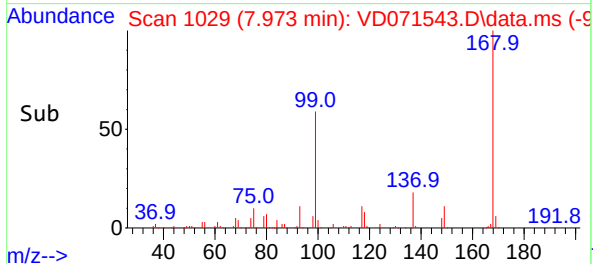
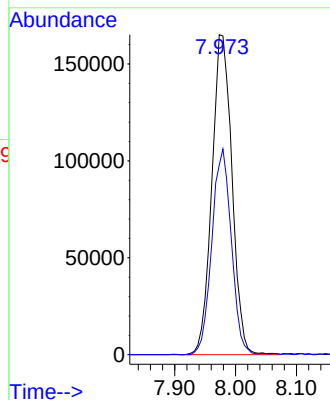
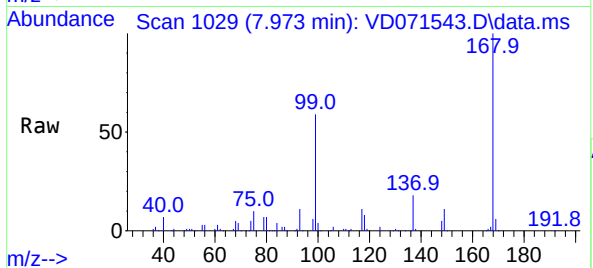




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

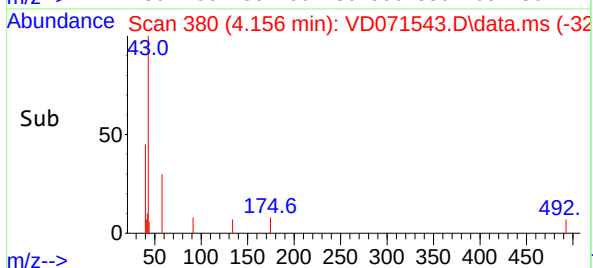
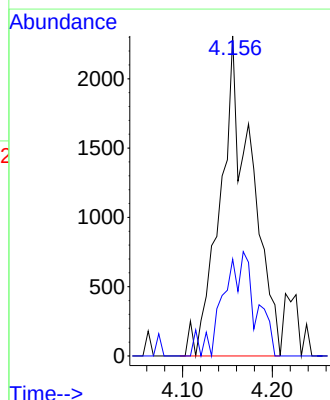
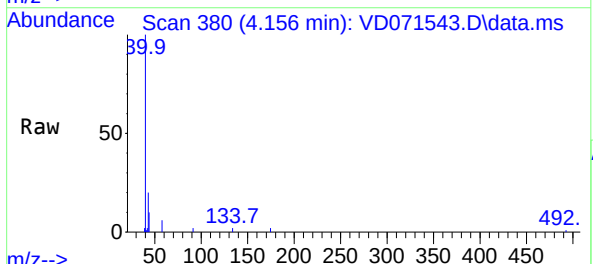
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

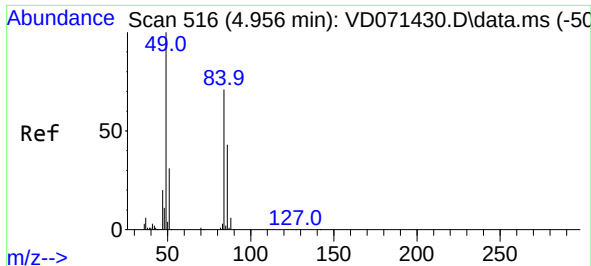
Tgt Ion:168 Resp: 378944
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8



#16
Acetone
Concen: 4.417 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
58 30.3 27.8 41.8



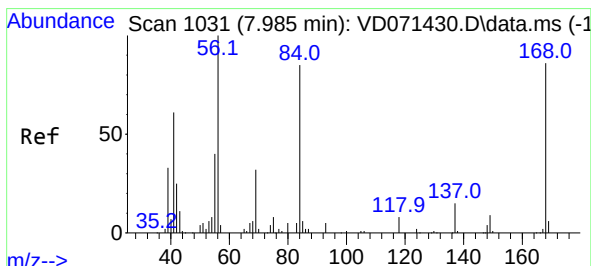
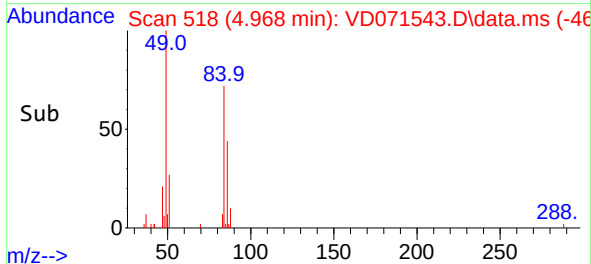
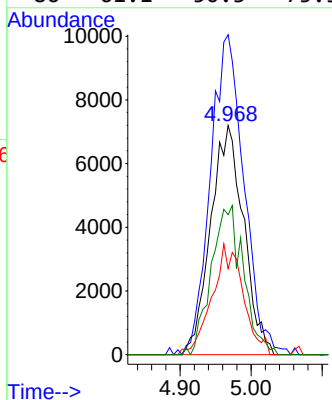
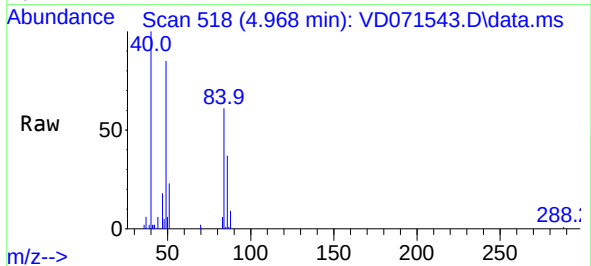


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
TP-1S

Tgt Ion: 84 Resp: 23261

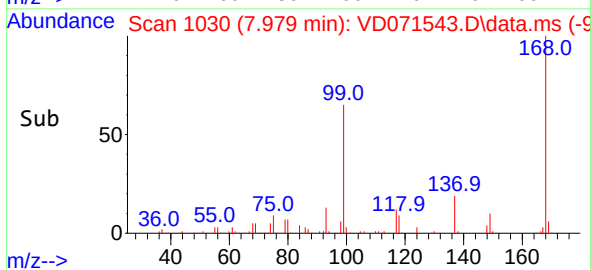
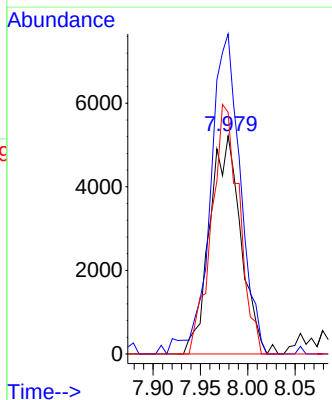
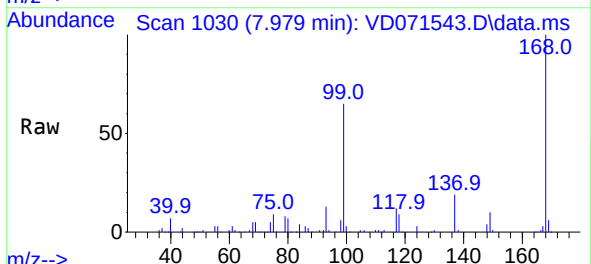
Ion	Ratio	Lower	Upper
84	100		
49	137.5	95.8	143.6
51	37.6	30.9	46.3
86	61.1	50.3	75.5

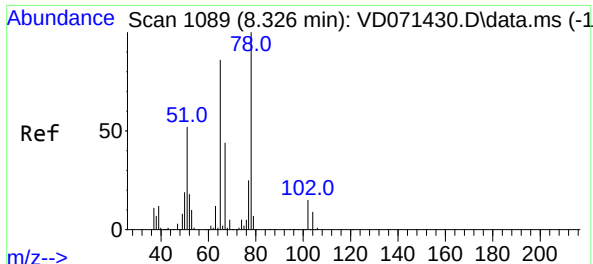


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion: 56 Resp: 11996

Ion	Ratio	Lower	Upper
56	100		
69	146.6	25.9	38.9#
84	110.7	64.3	96.5#

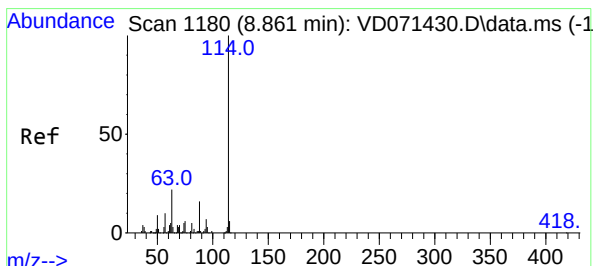
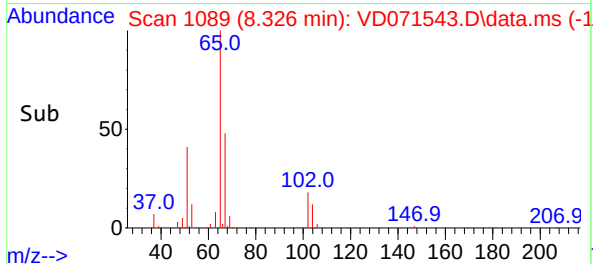
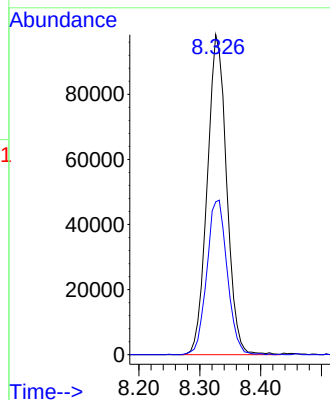
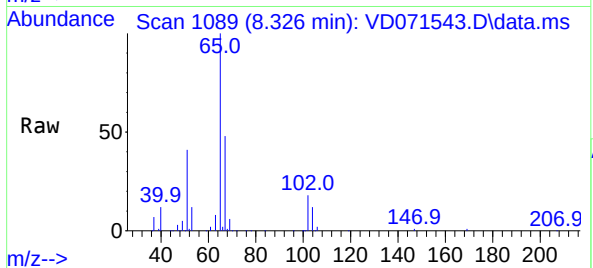




#33
1,2-Dichloroethane-d4
Concen: 43.208 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

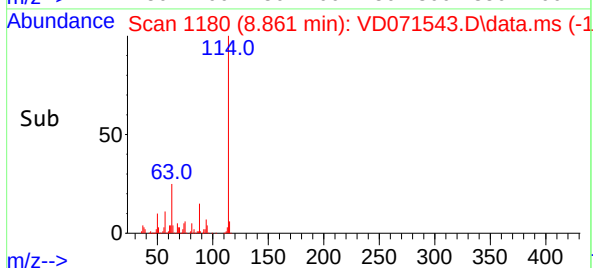
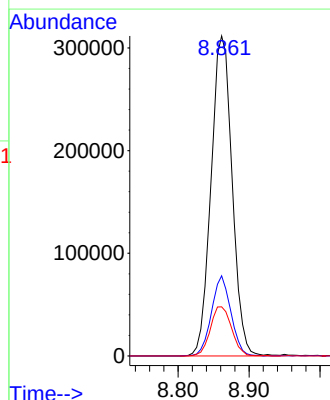
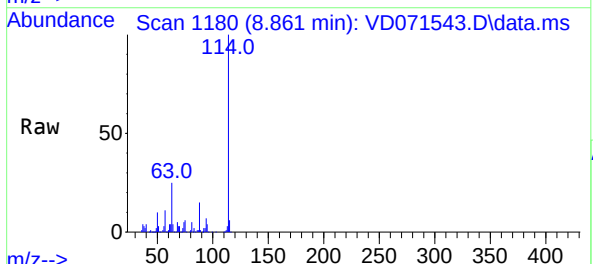
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

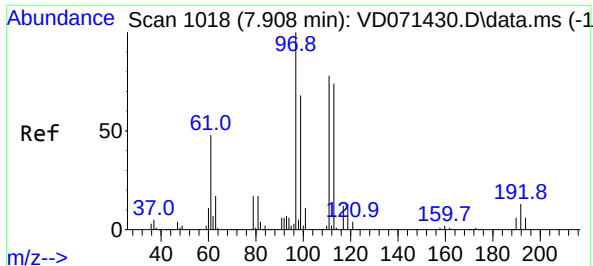
Tgt Ion: 65 Resp: 217453
Ion Ratio Lower Upper
65 100
67 50.9 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion:114 Resp: 641468
Ion Ratio Lower Upper
114 100
63 25.1 0.0 41.8
88 15.3 0.0 32.8

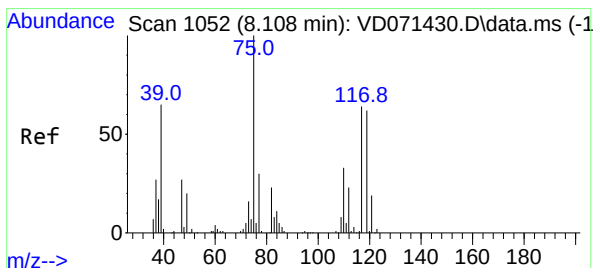
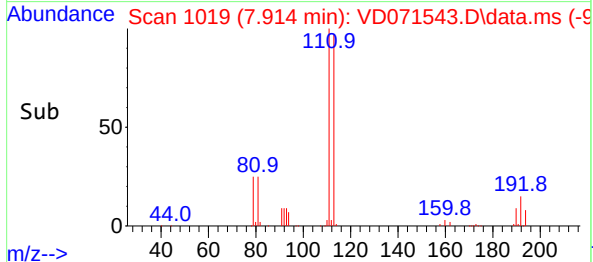
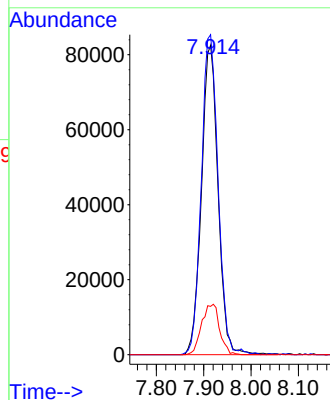
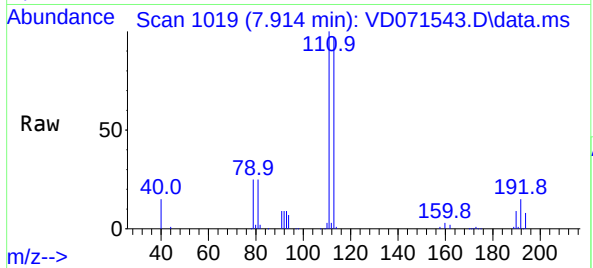




#35
Dibromofluoromethane
Concen: 46.704 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

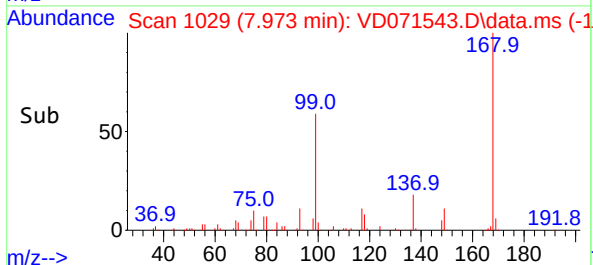
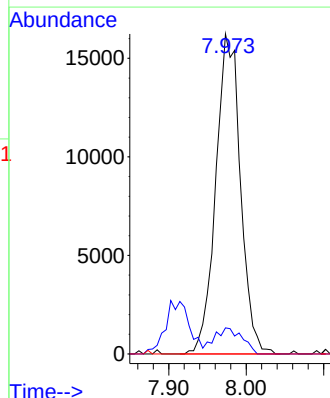
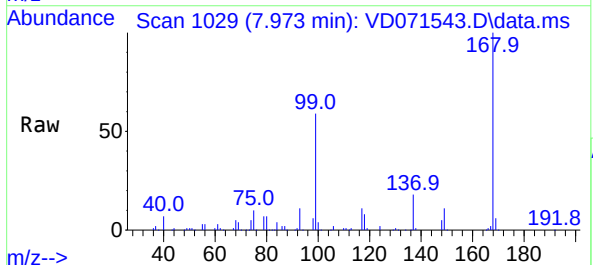
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

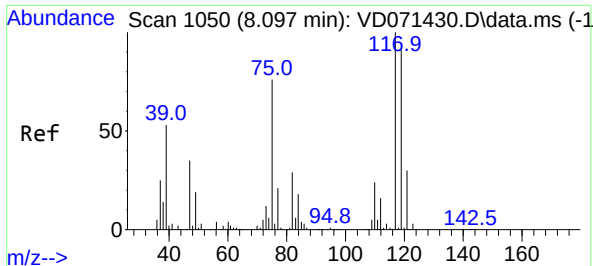
Tgt Ion:113 Resp: 201347
Ion Ratio Lower Upper
113 100
111 104.5 82.0 123.0
192 17.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.221 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion: 75 Resp: 35961
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.4#
77 0.0 24.8 37.2#

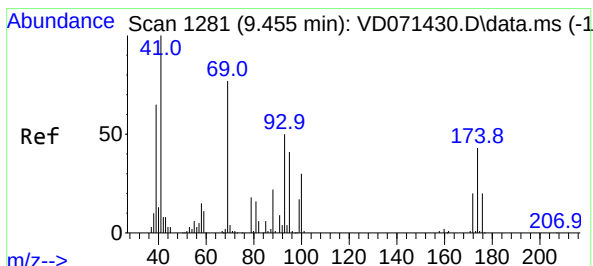
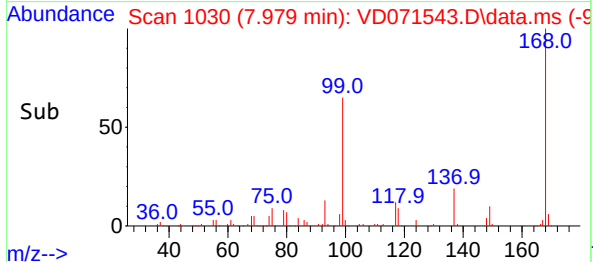
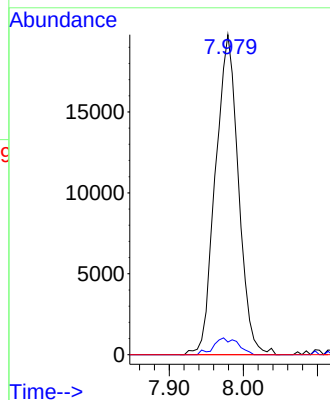
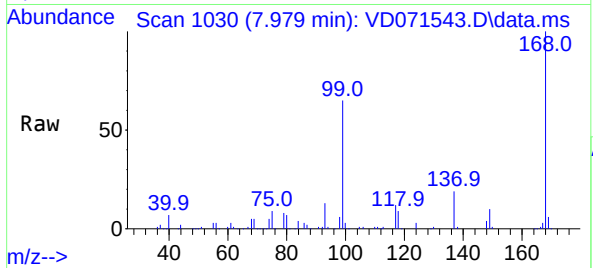




#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

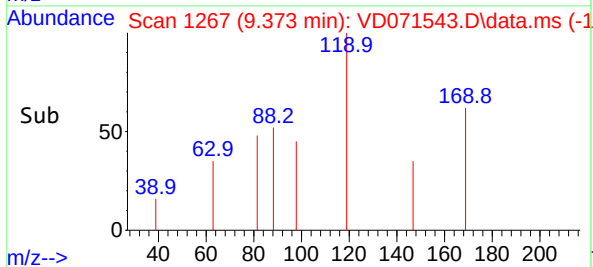
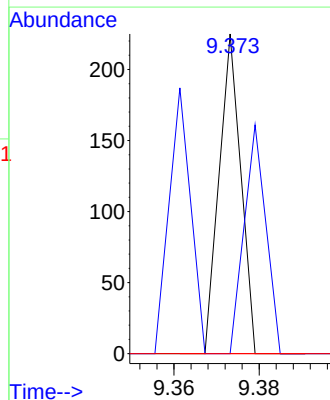
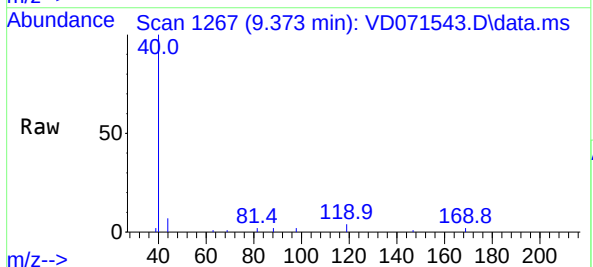
Instrument :
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ClientSampleId :
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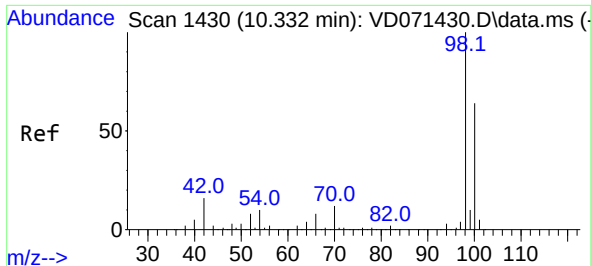
Tgt Ion:117 Resp: 42697
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 2.634 ug/l
RT: 9.373 min Scan# 1267
Delta R.T. -0.082 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 72.2 28.9 43.3#
58 0.0 56.3 84.5#

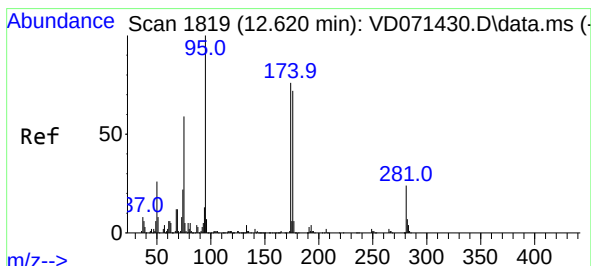
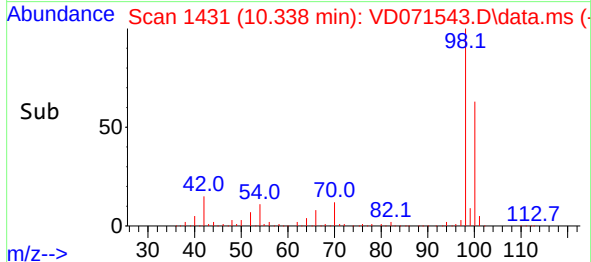
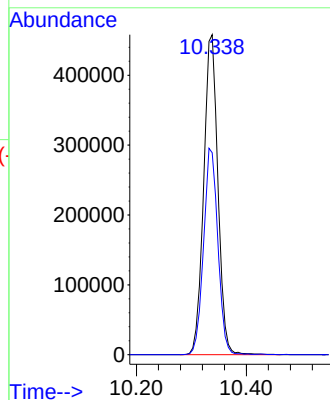
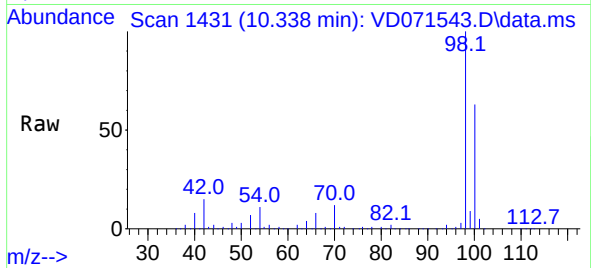




#50
Toluene-d8
Concen: 50.482 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

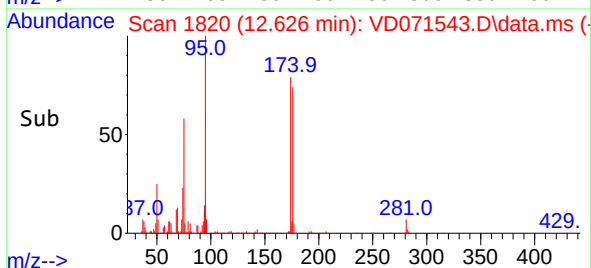
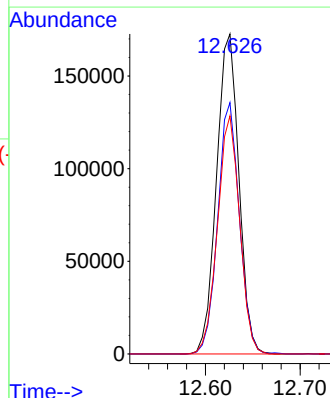
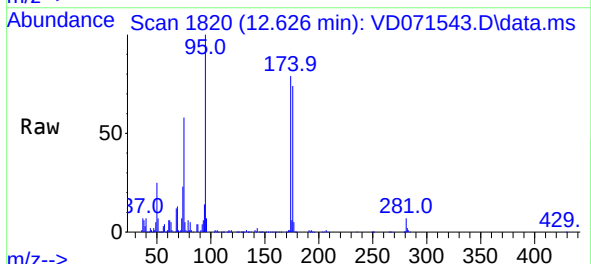
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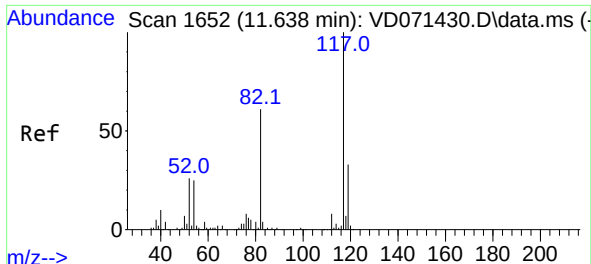
Tgt Ion: 98 Resp: 822456
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.985 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion: 95 Resp: 283591
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.6 0.0 154.0

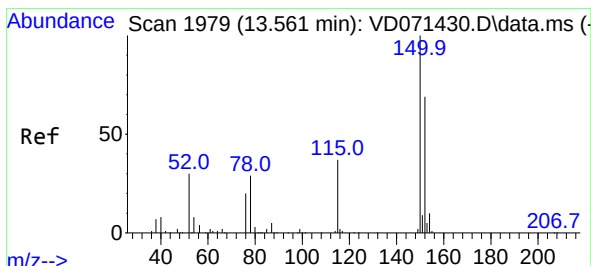
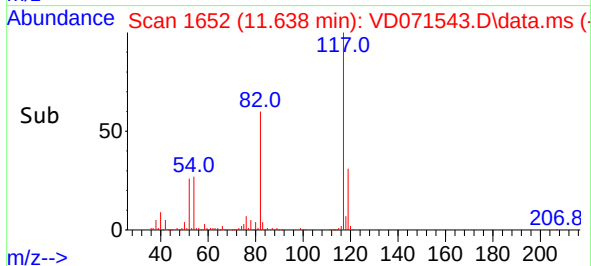
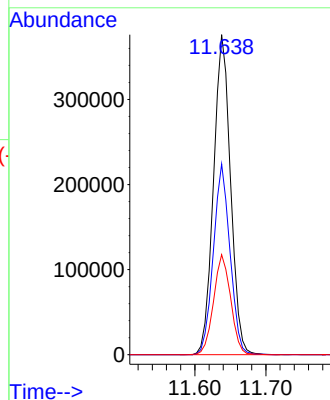
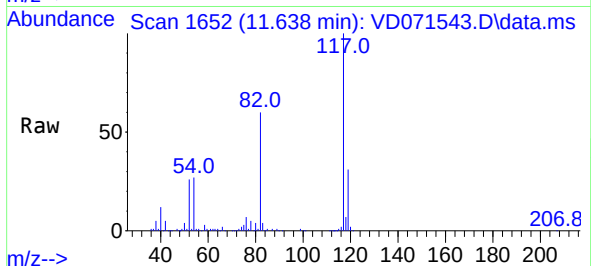




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

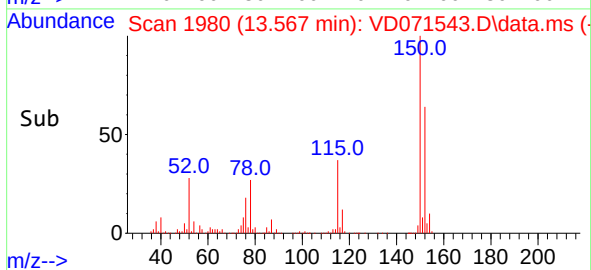
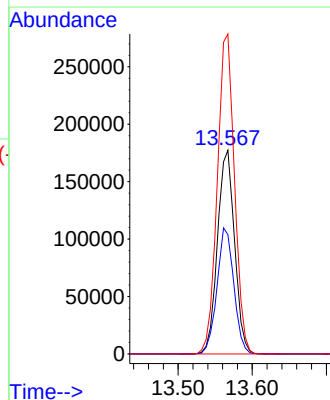
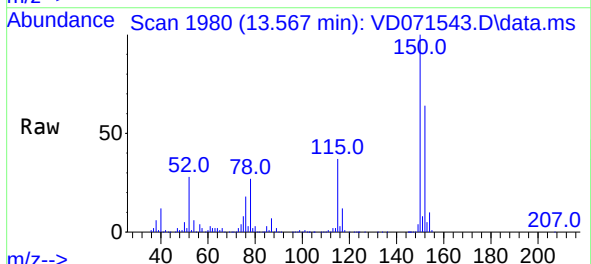
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

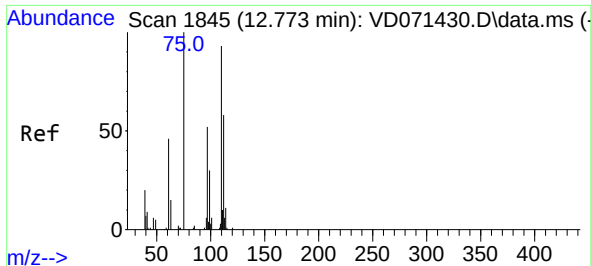
Tgt Ion:117 Resp: 624825
Ion Ratio Lower Upper
117 100
82 59.6 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion:152 Resp: 284292
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 157.7 0.0 349.2

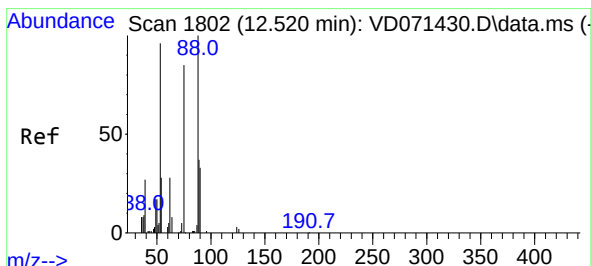
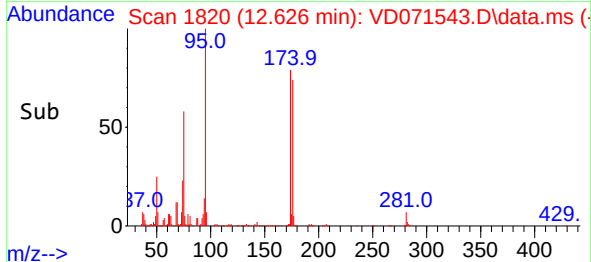
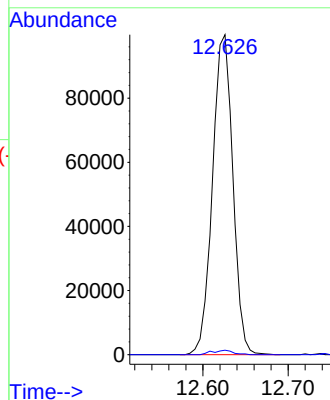
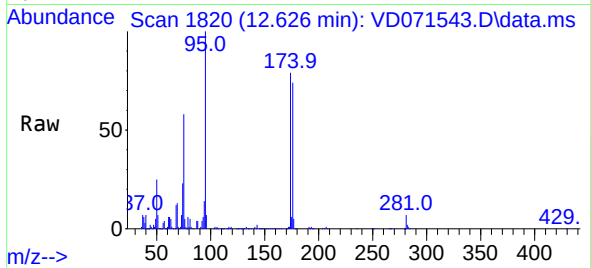




#76
1,2,3-Trichloropropane
Concen: 49.043 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
TP-1S

Tgt Ion: 75 Resp: 165661
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.571 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071543.D
Acq: 30 Dec 2021 12:26

Tgt Ion: 75 Resp: 165661
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#

