

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071545.D
 Acq On : 30 Dec 2021 13:22
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 30 15:32:45 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)

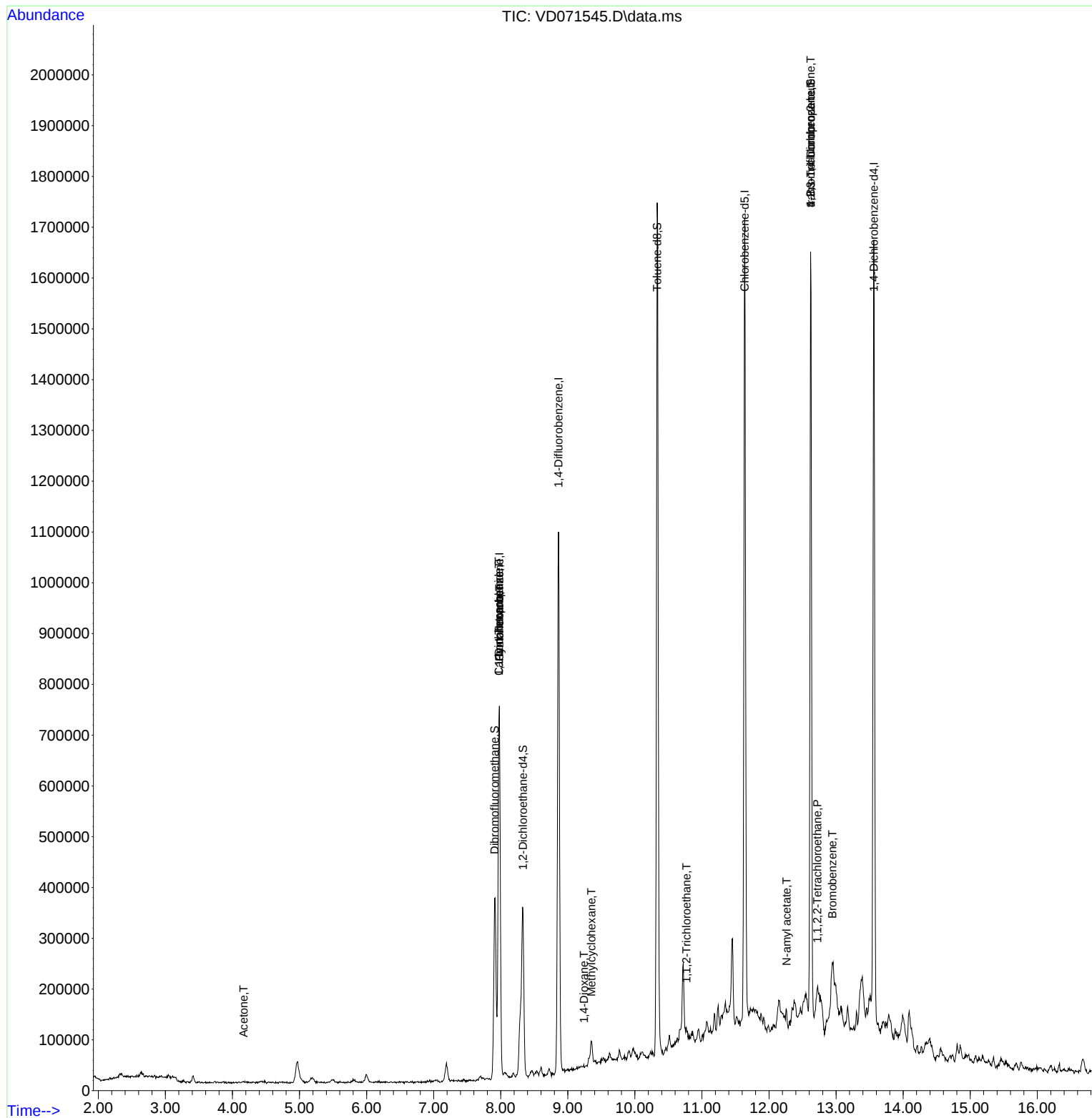
Internal Standards						
1) Pentafluorobenzene	7.979	168	508406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	825180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	386806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	262413	38.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.720%
35) Dibromofluoromethane	7.909	113	253708	44.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.620%
50) Toluene-d8	10.332	98	1073399	49.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.620	95	397366	51.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	9309	Below Cal	#	71
16) Acetone	4.168	43	4967	2.929	ug/l #	73
20) Methylene Chloride	4.956	84	13025	Below Cal		95
31) Cyclohexane	7.979	56	18796	1.639	ug/l #	31
36) 1,1-Dichloropropene	7.973	75	47002	5.138	ug/l #	51
38) Carbon Tetrachloride	7.973	117	56714	6.284	ug/l #	16
39) Methylcyclohexane	9.350	83	20234	1.890	ug/l	90
49) 1,4-Dioxane	9.244	88	54	1.356	ug/l #	1
55) 1,1,2-Trichloroethane	10.767	97	5649	1.262	ug/l #	31
74) N-amyl acetate	12.261	43	10728	1.341	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.720	83	8931	1.657	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	233622	50.832	ug/l #	1
77) Bromobenzene	12.944	156	46026	6.936	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	233622	143.628	ug/l #	19

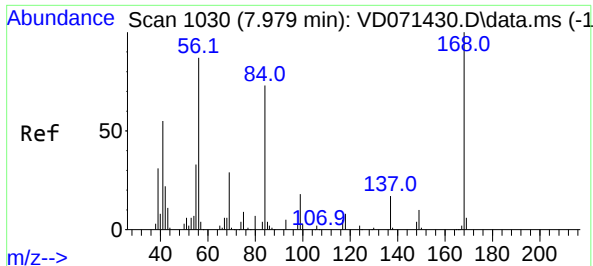
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071545.D
Acq On : 30 Dec 2021 13:22
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Dec 30 15:32:45 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

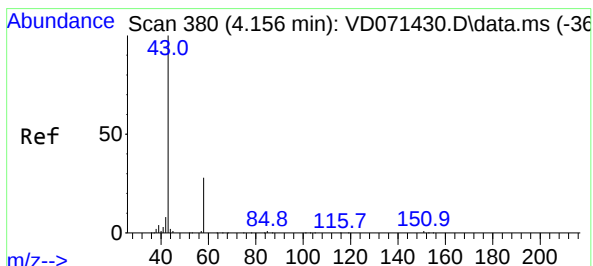
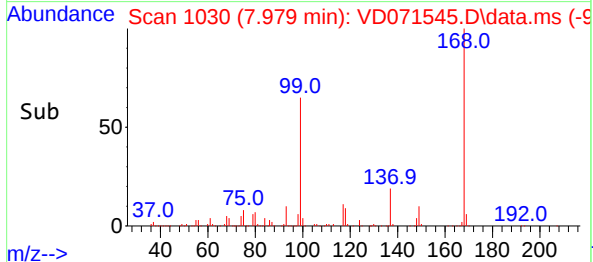
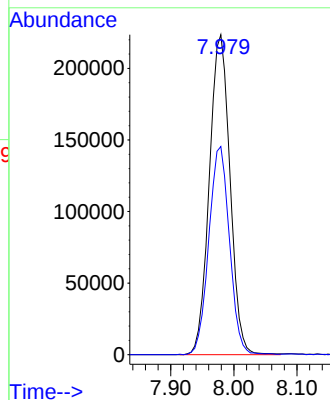
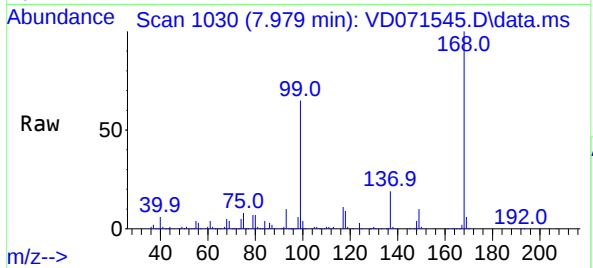




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

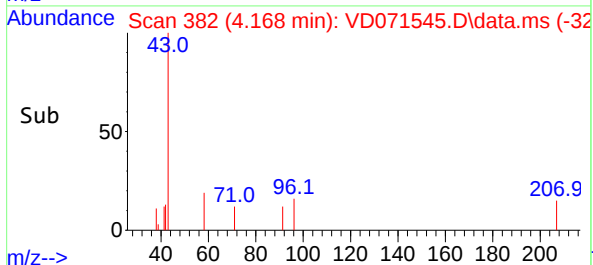
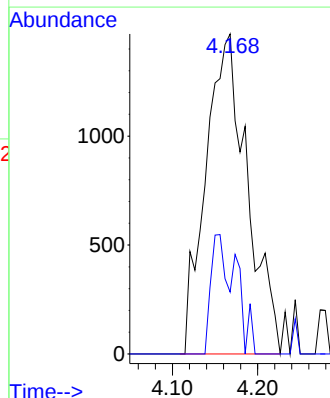
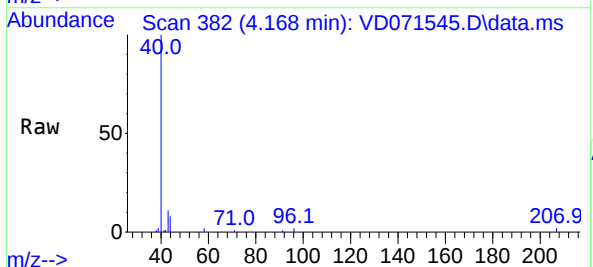
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

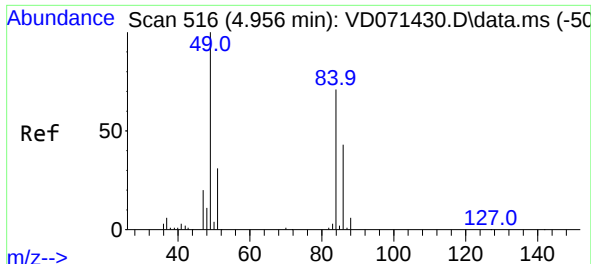
Tgt Ion:168 Resp: 508406
Ion Ratio Lower Upper
168 100
99 64.9 46.6 69.8



#16
Acetone
Concen: 2.929 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
58 19.3 27.8 41.8#



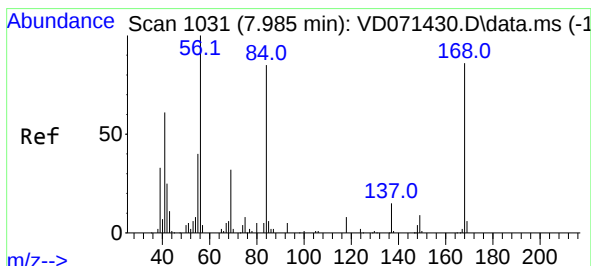
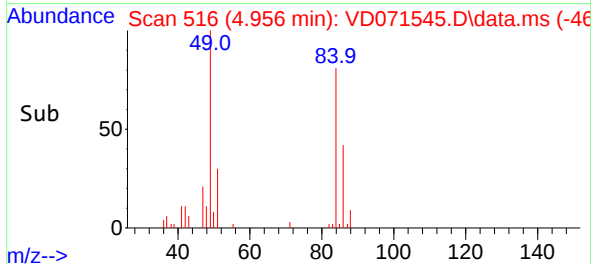
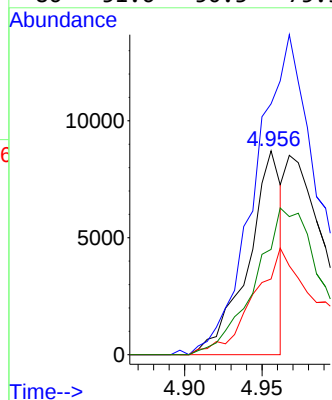
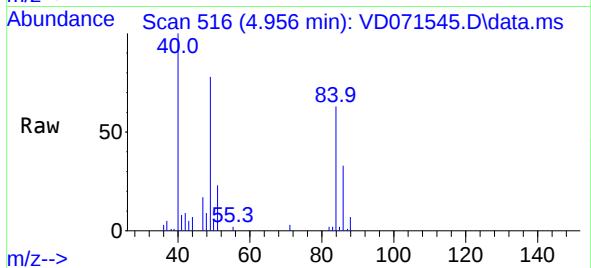


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 13025

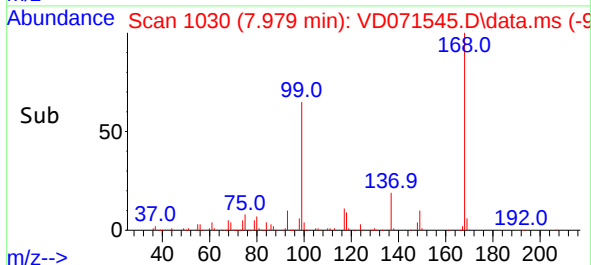
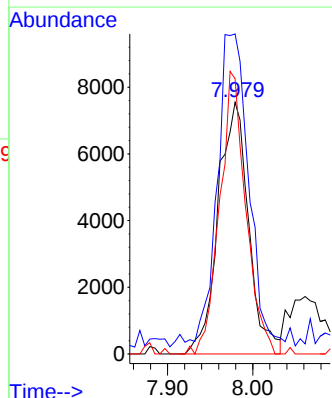
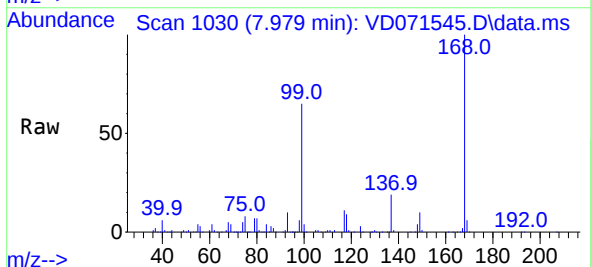
Ion	Ratio	Lower	Upper
84	100		
49	120.8	95.8	143.6
51	37.1	30.9	46.3
86	51.6	50.3	75.5

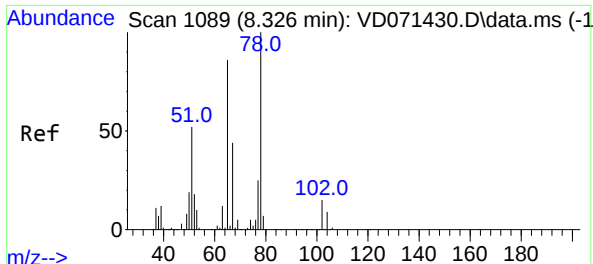


#31
Cyclohexane
Concen: 1.639 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 56 Resp: 18796

Ion	Ratio	Lower	Upper
56	100		
69	120.7	25.9	38.9#
84	109.3	64.3	96.5#

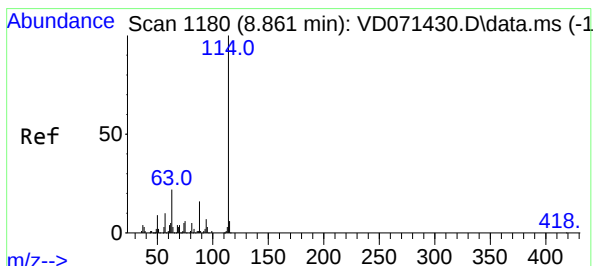
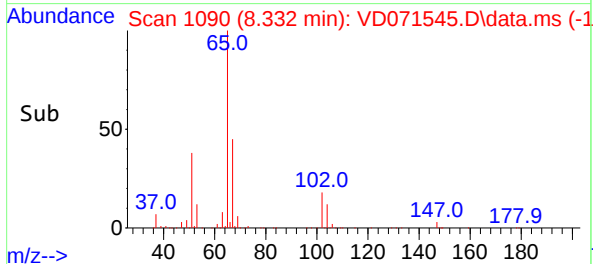
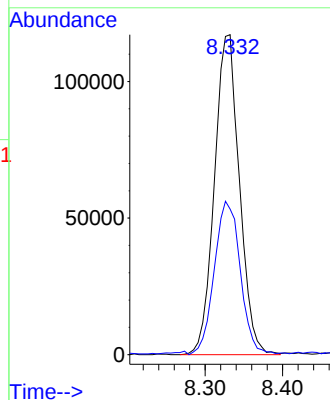
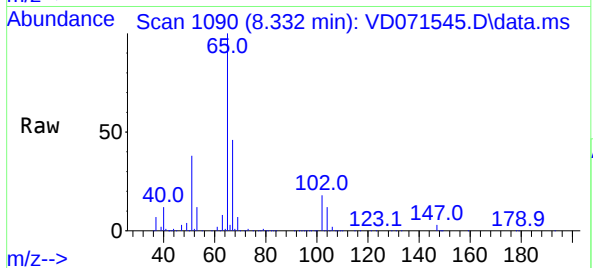




#33
1,2-Dichloroethane-d4
Concen: 38.864 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

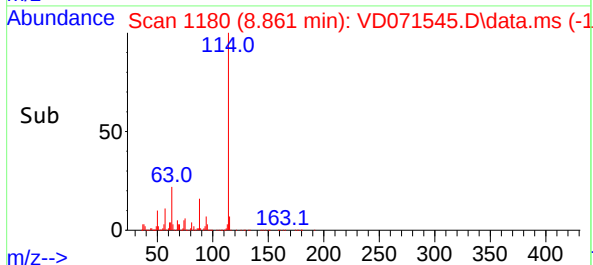
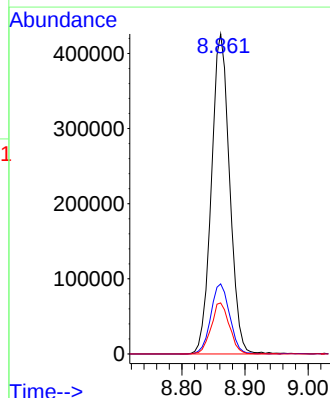
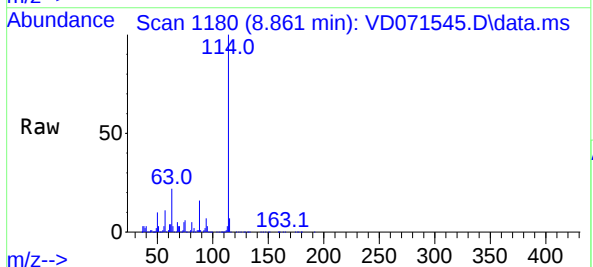
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

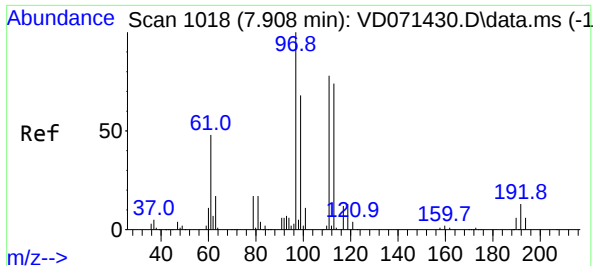
Tgt Ion: 65 Resp: 262413
Ion Ratio Lower Upper
65 100
67 49.9 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 114 Resp: 851923
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 16.0 0.0 32.8

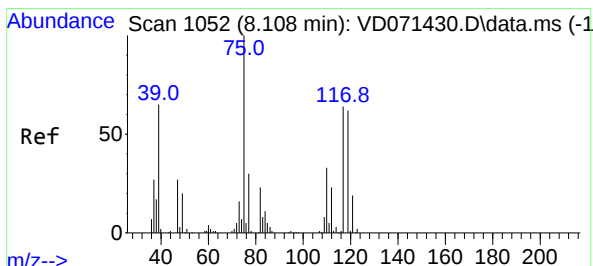
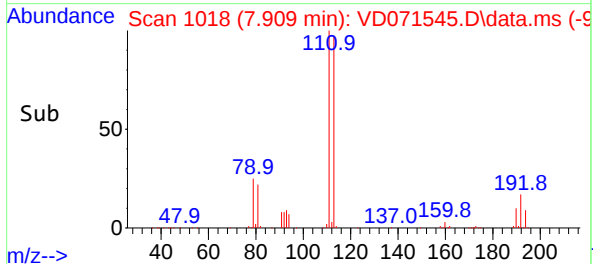
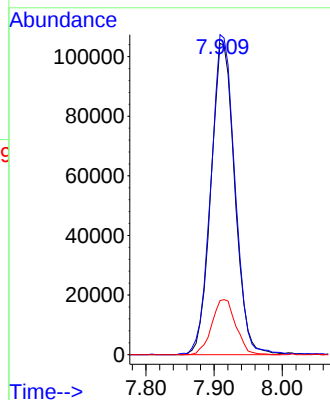
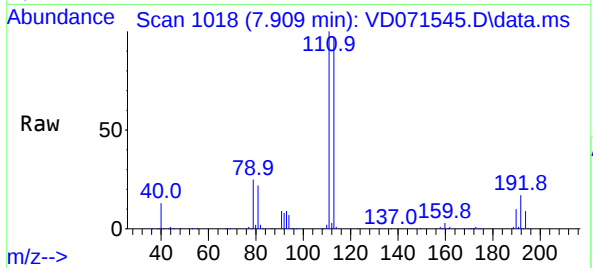




#35
Dibromofluoromethane
Concen: 44.311 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

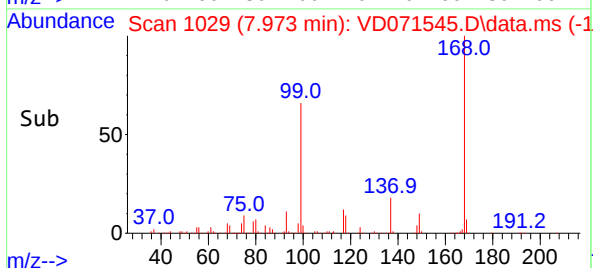
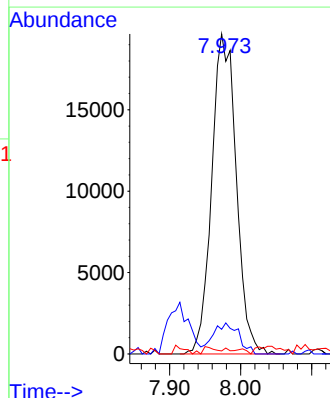
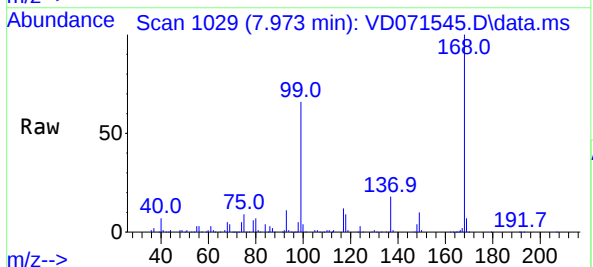
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

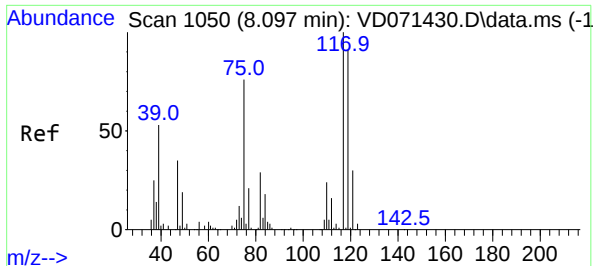
Tgt Ion:113 Resp: 253708
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 17.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 75 Resp: 47002
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.4#
77 0.0 24.8 37.2#

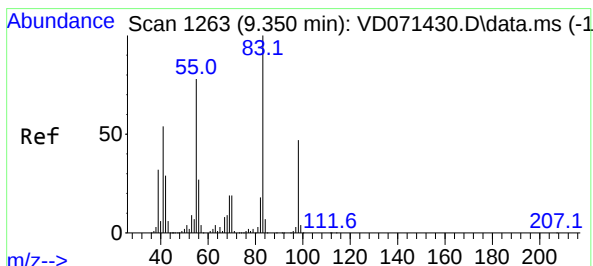
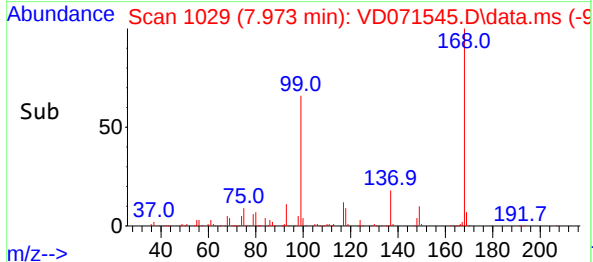
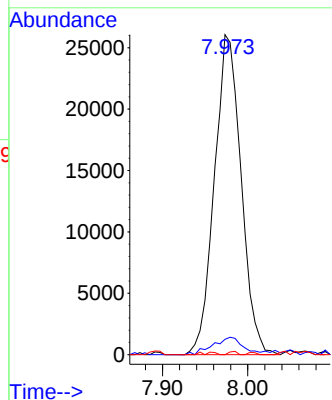
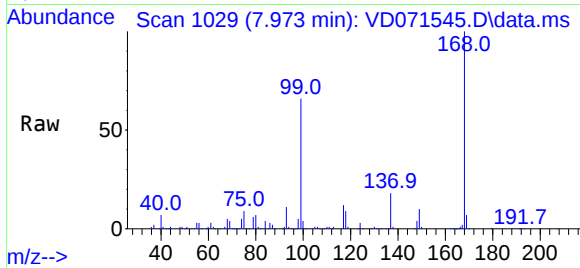




#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

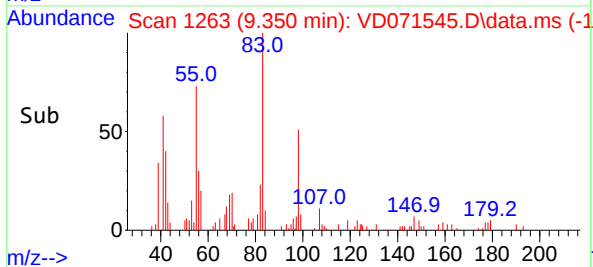
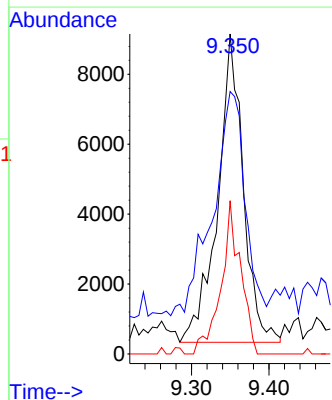
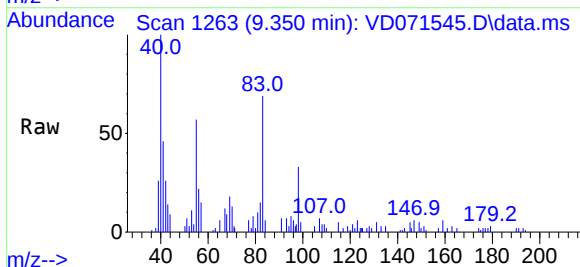
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

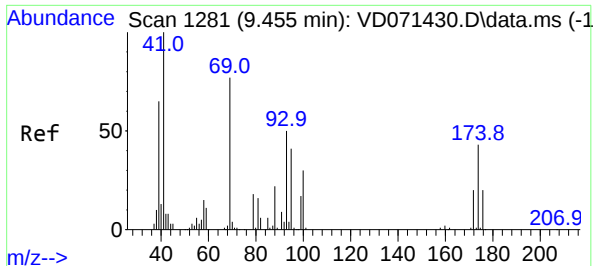
Tgt Ion:117 Resp: 56714
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 23.6 35.4#



#39
Methylcyclohexane
Concen: 1.890 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.001 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 83 Resp: 20234
Ion Ratio Lower Upper
83 100
55 69.0 65.8 98.8
98 49.7 38.7 58.1

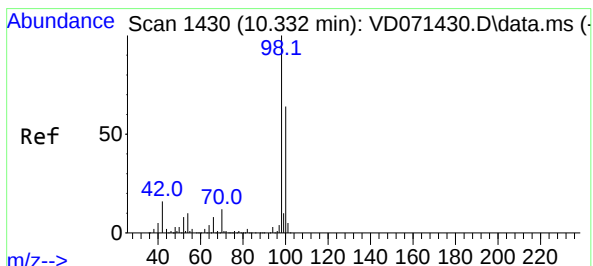
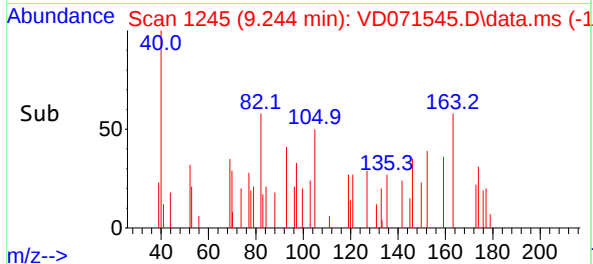
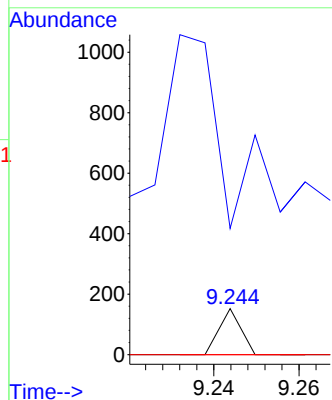
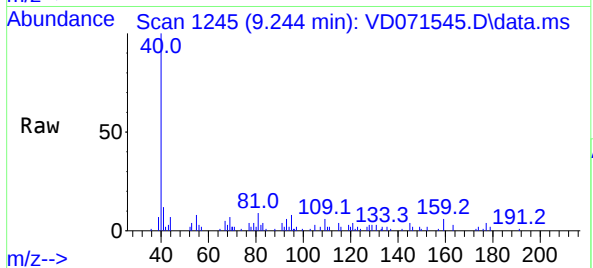




#49
1,4-Dioxane
Concen: 1.356 ug/l
RT: 9.244 min Scan# 11
Delta R.T. -0.211 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

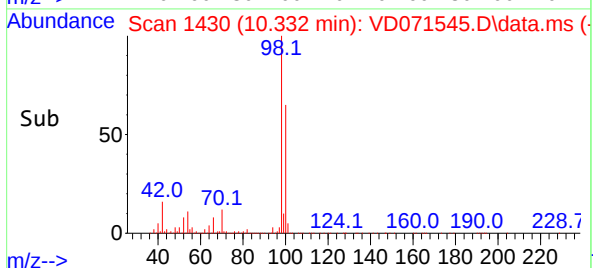
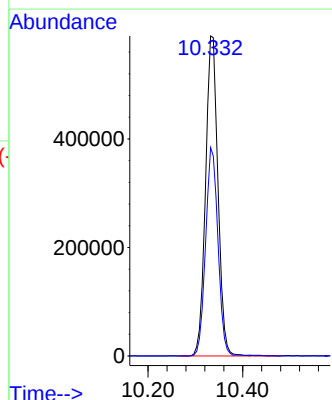
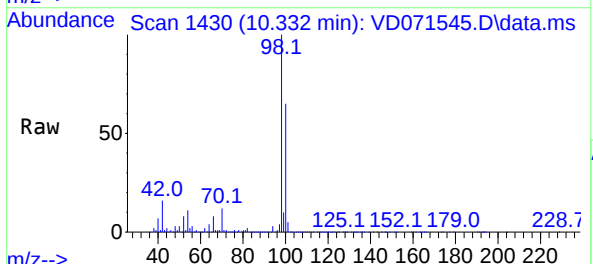
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

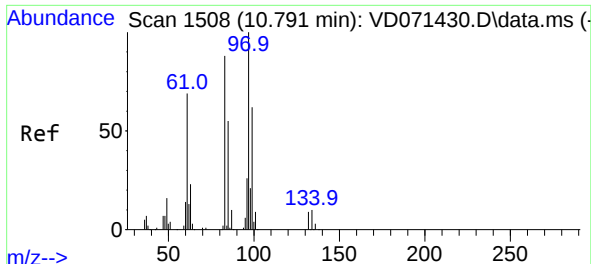
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 1257.4 28.9 43.3#
58 0.0 56.3 84.5#



#50
Toluene-d8
Concen: 49.609 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 98 Resp: 1073399
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



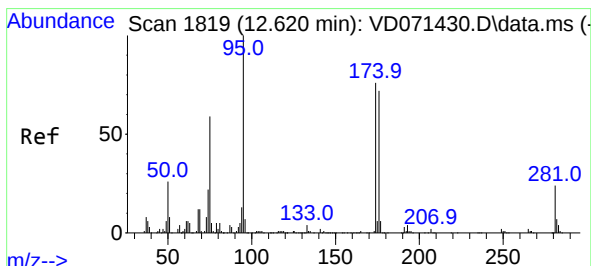
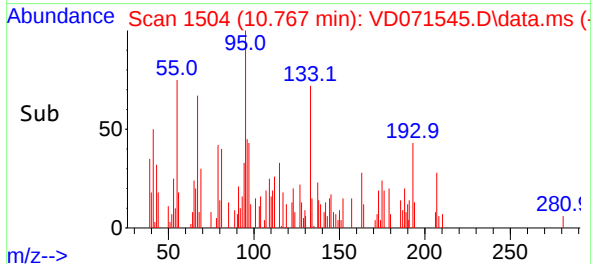
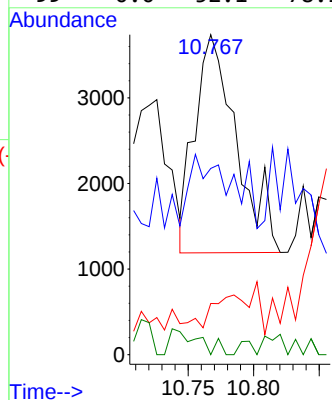
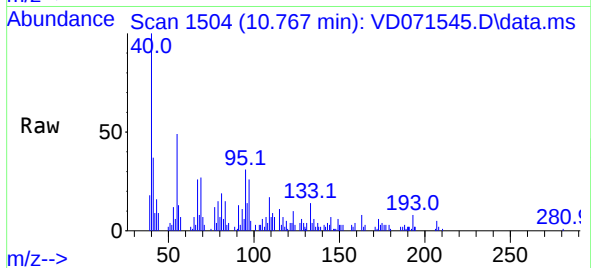


#55
1,1,2-Trichloroethane
Concen: 1.262 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 97 Resp: 5649

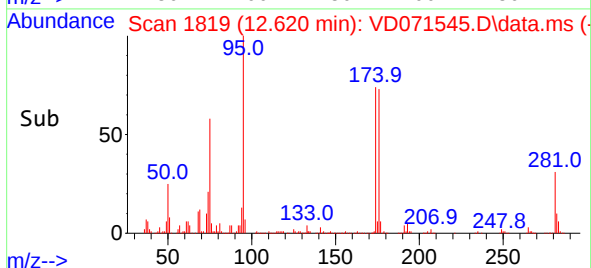
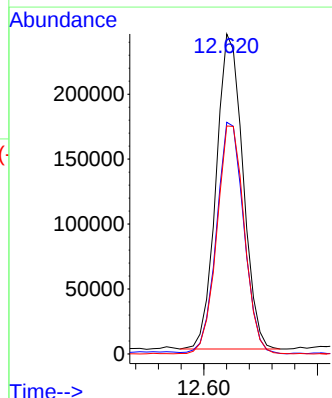
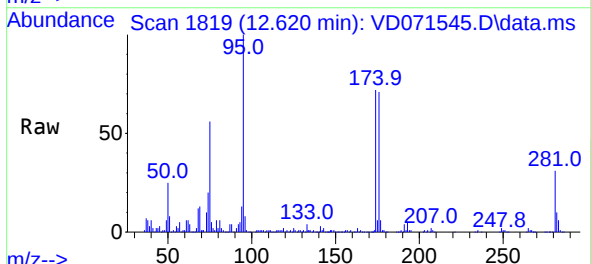
Ion	Ratio	Lower	Upper
97	100		
83	26.4	65.2	97.8#
85	9.3	43.4	65.0#
99	0.0	52.1	78.1#

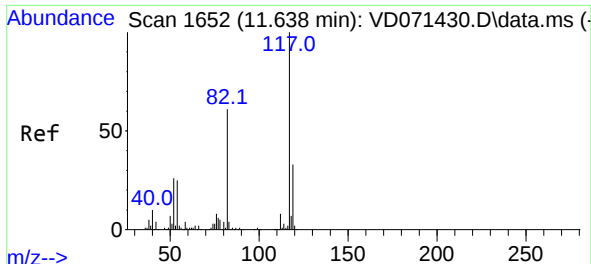


#62
4-Bromofluorobenzene
Concen: 51.682 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion: 95 Resp: 397366

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	159.4
176	74.3	0.0	154.0

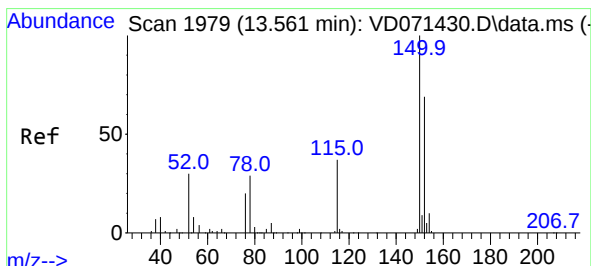
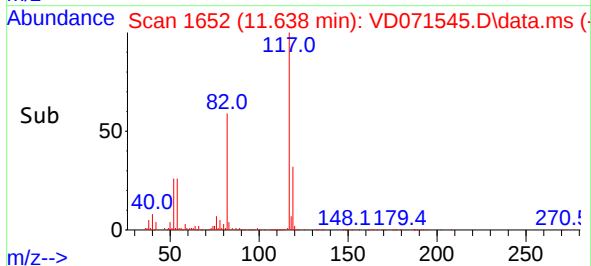
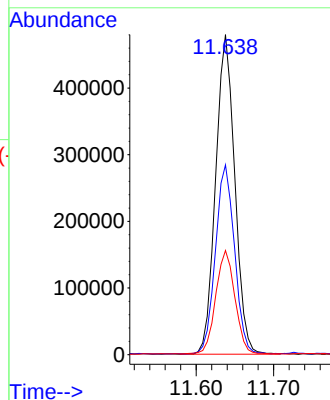
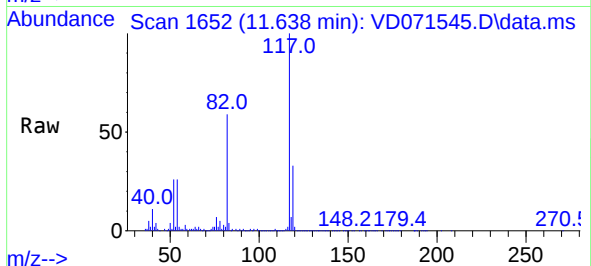




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

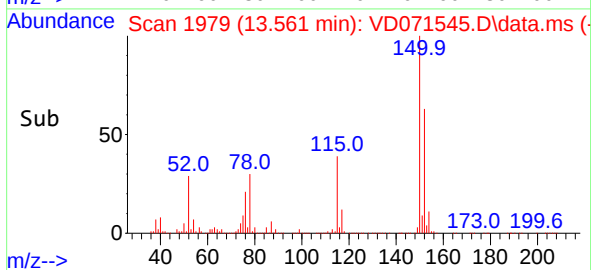
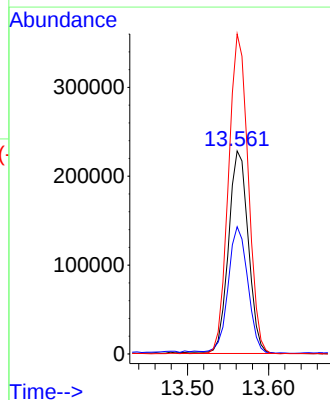
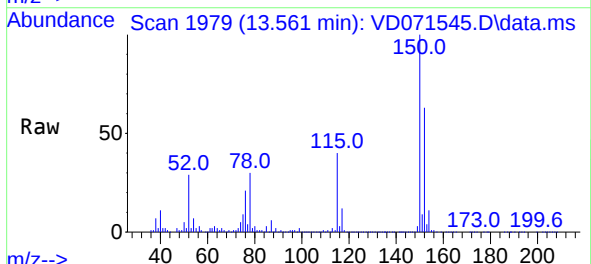
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

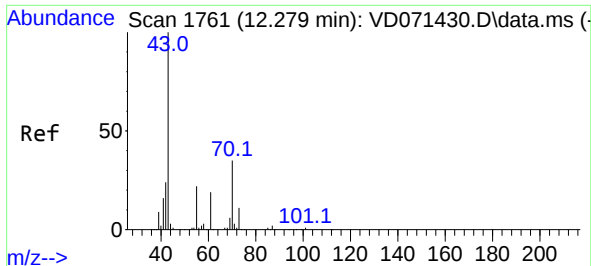
Tgt Ion:117 Resp: 825180
Ion Ratio Lower Upper
117 100
82 59.1 44.7 67.1
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion:152 Resp: 386806
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 156.8 0.0 349.2

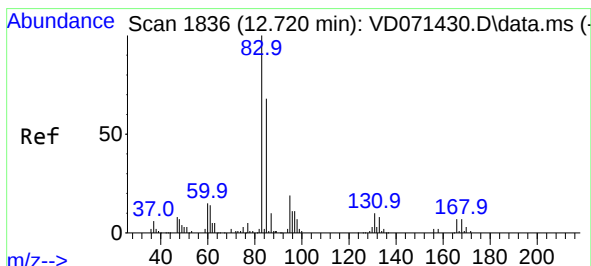
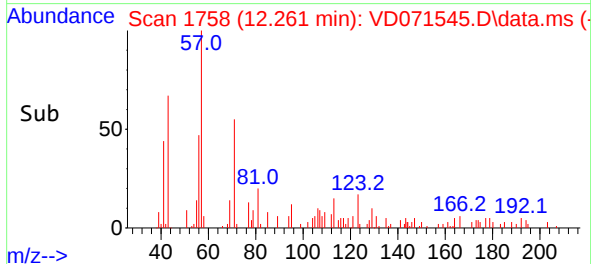
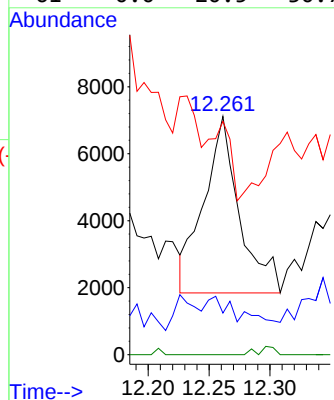
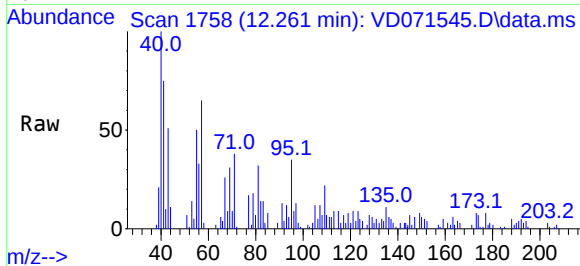




#74
N-amy1 acetate
Concen: 1.341 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

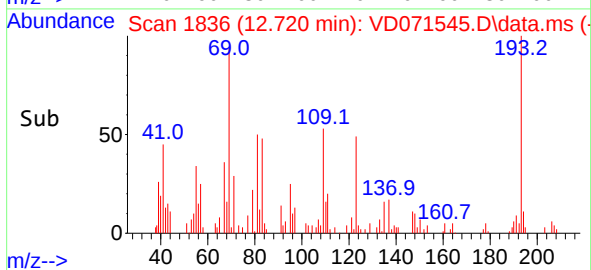
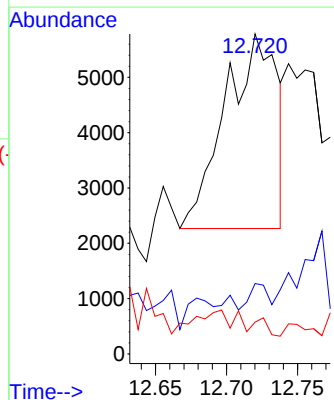
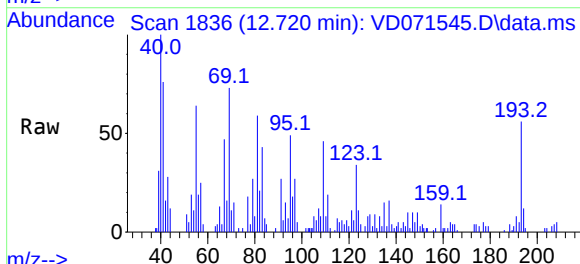
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

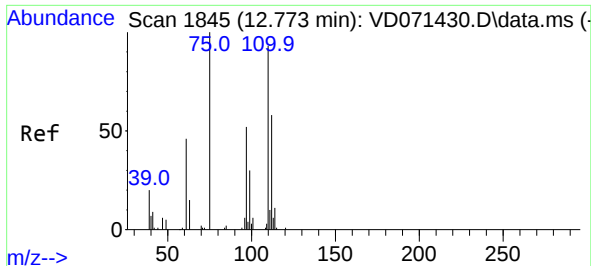
Tgt Ion:	43	Resp:	10728
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.6	55.0#
55	0.0	22.5	33.7#
61	0.0	20.5	30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.657 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion:	83	Resp:	8931
Ion	Ratio	Lower	Upper
83	100		
131	4.6	4.9	14.7#
85	0.0	32.0	96.2#

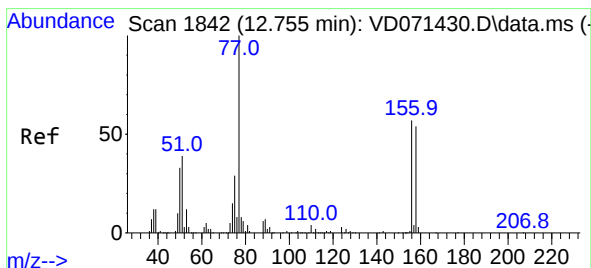
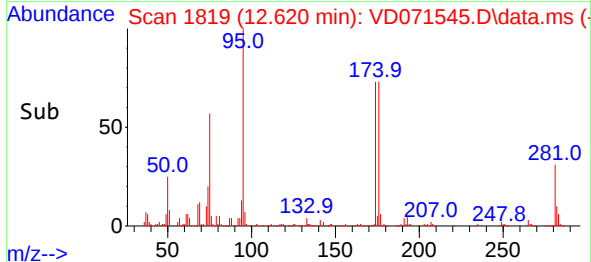
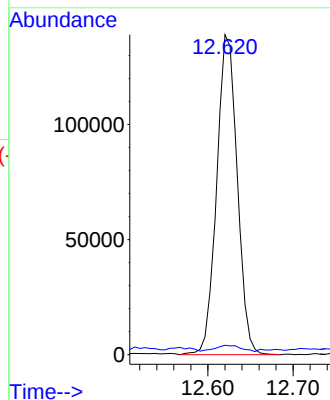
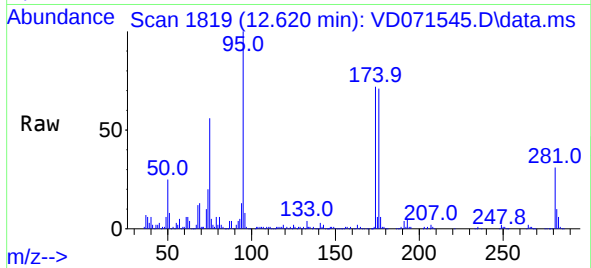




#76
1,2,3-Trichloropropane
Concen: 50.832 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

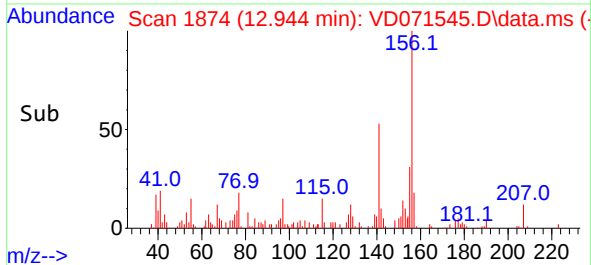
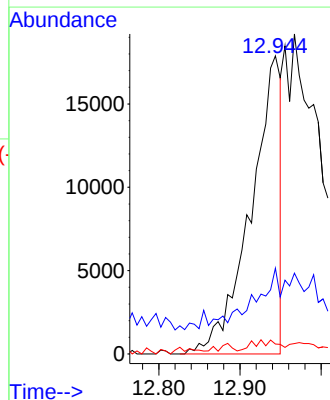
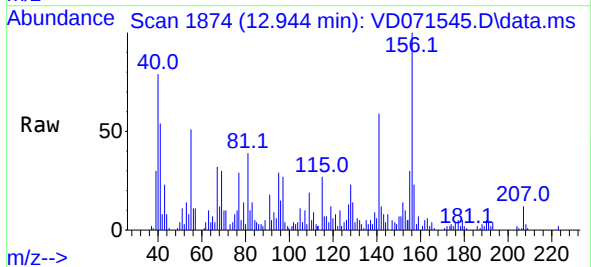
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

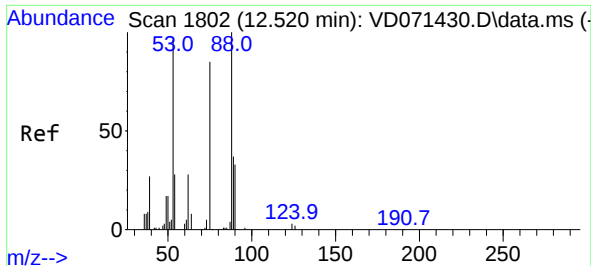
Tgt Ion: 75 Resp: 233622
Ion Ratio Lower Upper
75 100
77 2.5 158.4 475.3#



#77
Bromobenzene
Concen: 6.936 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.195 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Tgt Ion:156 Resp: 46026
Ion Ratio Lower Upper
156 100
77 10.5 96.6 289.8#
158 1.6 49.1 147.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 143.628 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071545.D
Acq: 30 Dec 2021 13:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 233622
Ion Ratio Lower Upper
75 100
53 0.5 62.6 94.0#
89 0.2 34.5 51.7#

