

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071501.D
 Acq On : 28 Dec 2021 14:21
 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 28 15:09:37 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)

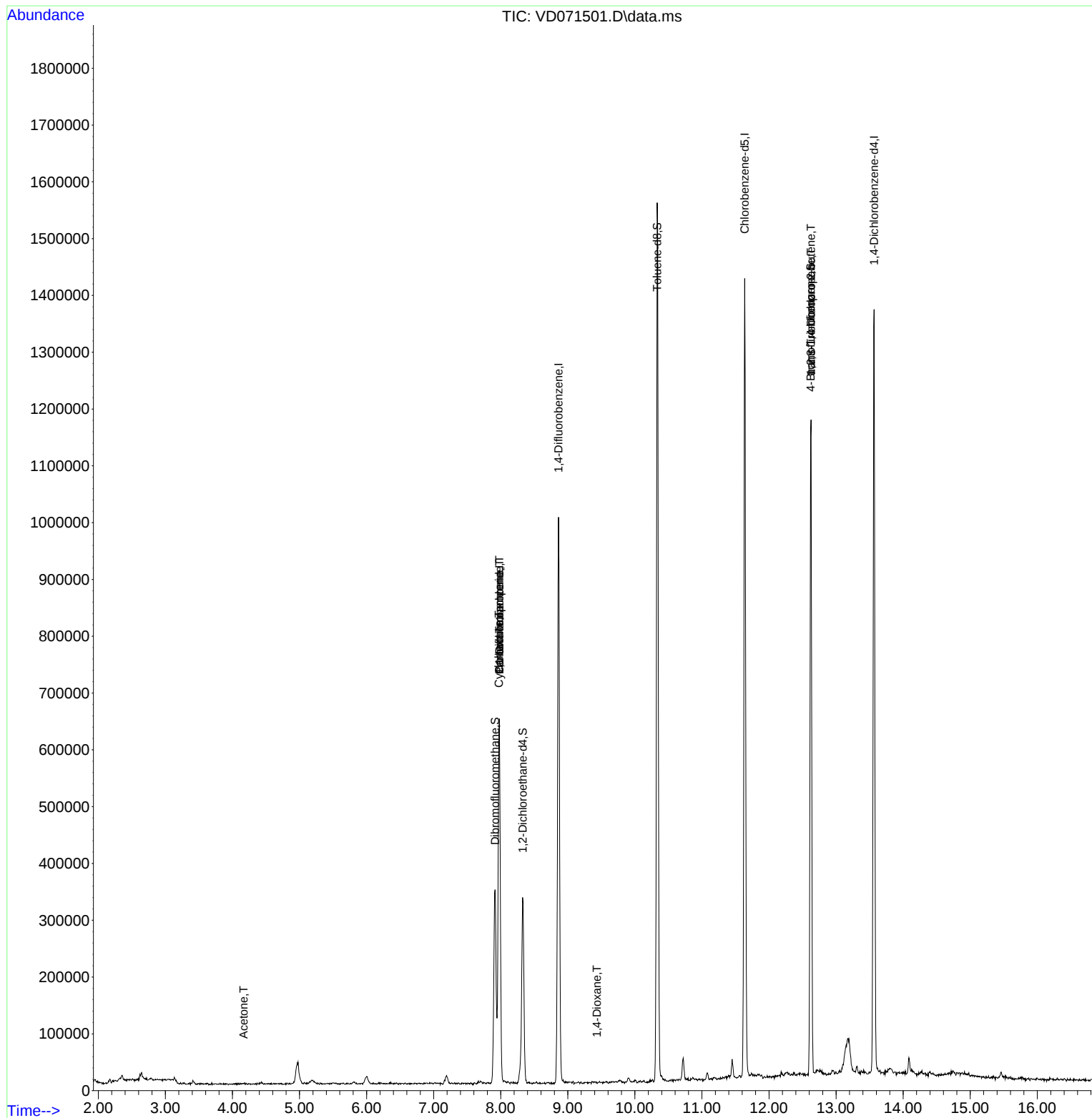
Internal Standards						
1) Pentafluorobenzene	7.979	168	451071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	791623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	744550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	335621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	258861	43.211	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.420%		
35) Dibromofluoromethane	7.914	113	240891	45.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.560%		
50) Toluene-d8	10.332	98	998429	49.659	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.620	95	344066	48.158	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.320%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.173	59	2376	Below Cal	#	71
16) Acetone	4.168	43	2451	1.629	ug/l #	84
20) Methylene Chloride	4.973	84	25302	Below Cal		91
31) Cyclohexane	7.973	56	13521	1.329	ug/l #	20
36) 1,1-Dichloropropene	7.979	75	40963	4.819	ug/l #	48
38) Carbon Tetrachloride	7.979	117	51006	6.082	ug/l #	16
49) 1,4-Dioxane	9.432	88	56	1.513	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	197665	49.568	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	197665	140.055	ug/l #	18

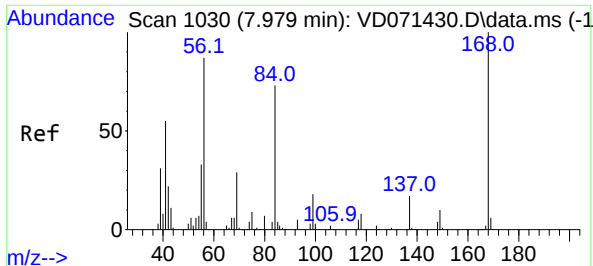
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
Data File : VD071501.D
Acq On : 28 Dec 2021 14:21
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 28 15:09:37 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

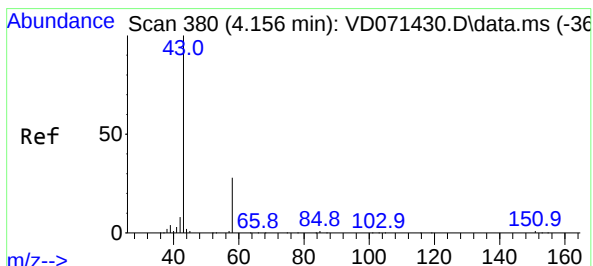
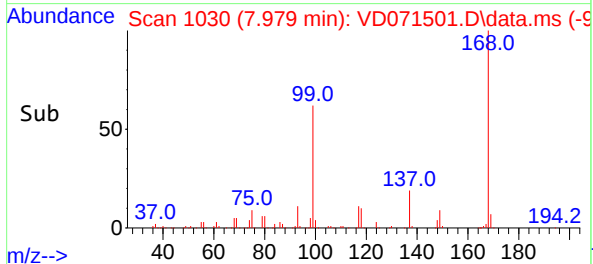
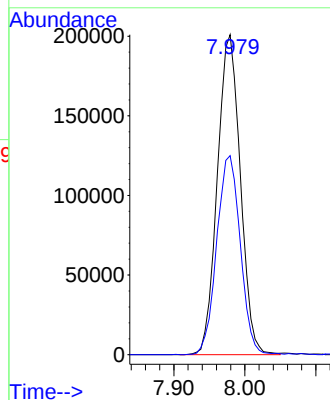
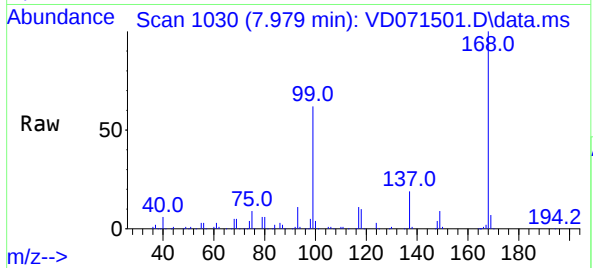




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

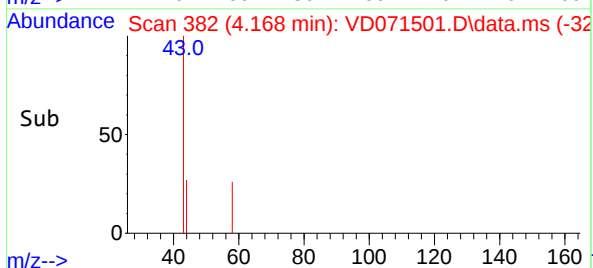
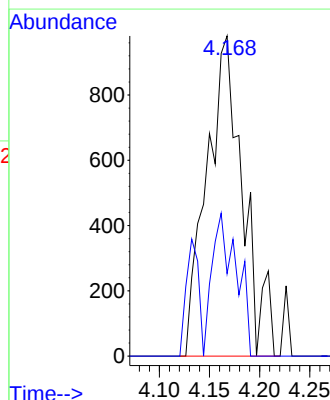
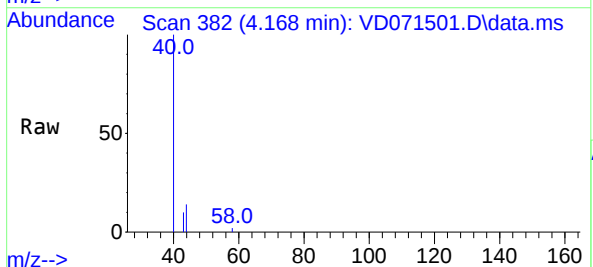
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

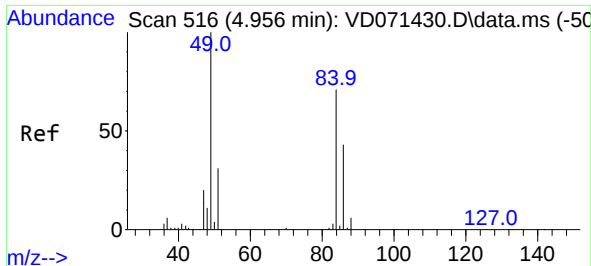
Tgt Ion:168 Resp: 451071
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#16
Acetone
Concen: 1.629 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



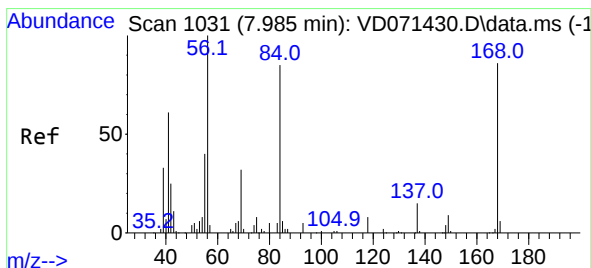
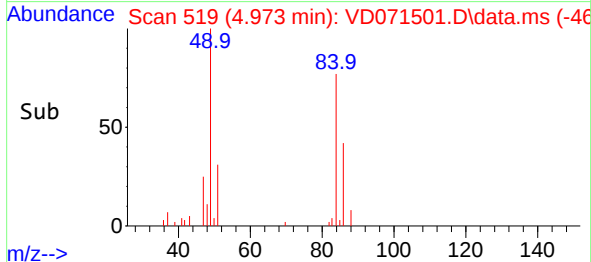
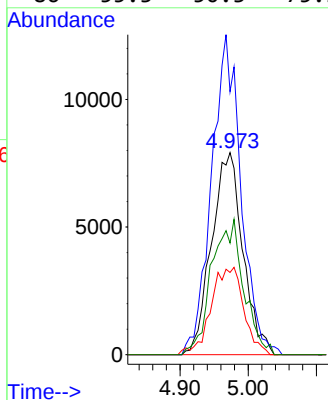
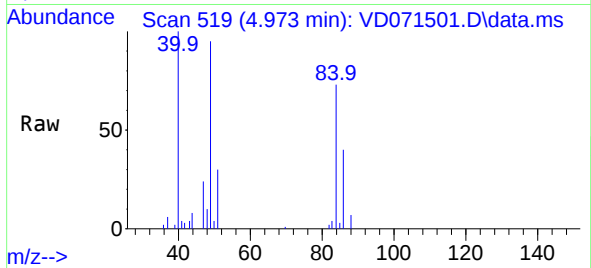


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 25302

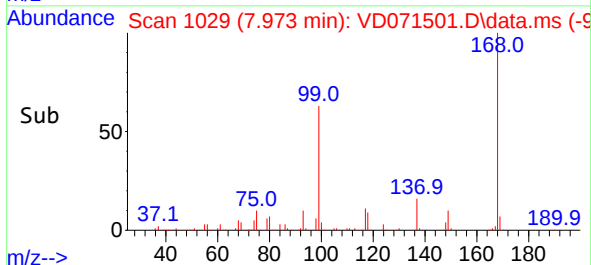
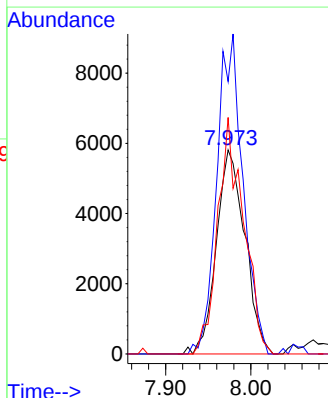
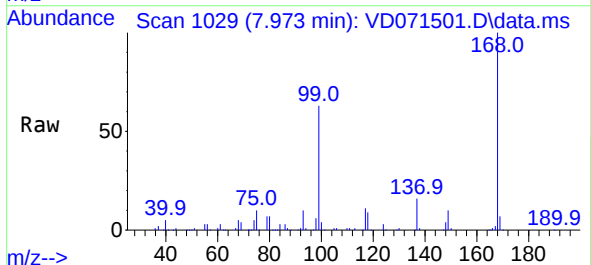
Ion	Ratio	Lower	Upper
84	100		
49	130.2	95.8	143.6
51	40.7	30.9	46.3
86	55.3	50.3	75.5

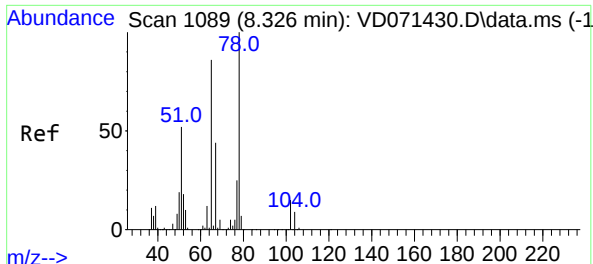


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion: 56 Resp: 13521

Ion	Ratio	Lower	Upper
56	100		
69	133.6	25.9	38.9#
84	115.9	64.3	96.5#

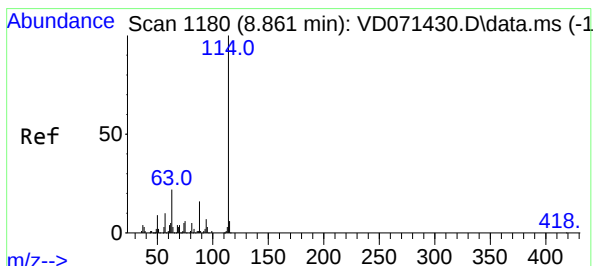
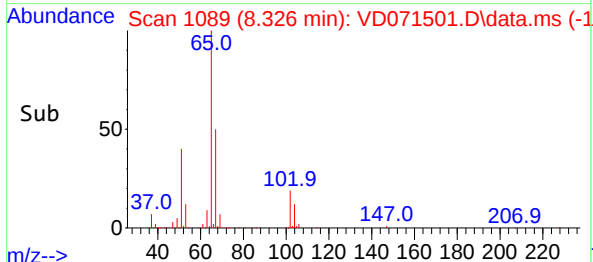
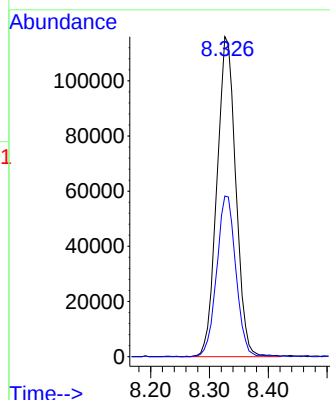
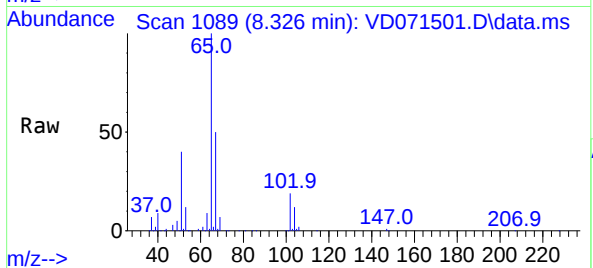




#33
1,2-Dichloroethane-d4
Concen: 43.211 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

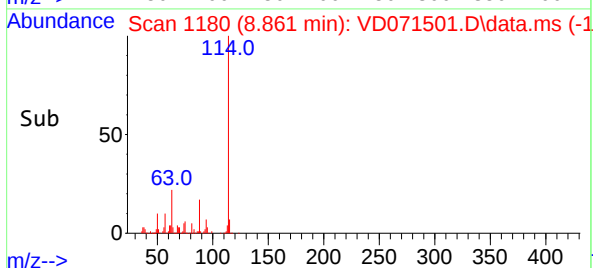
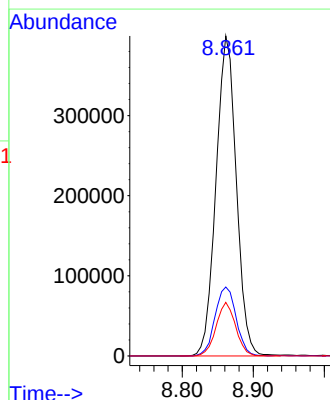
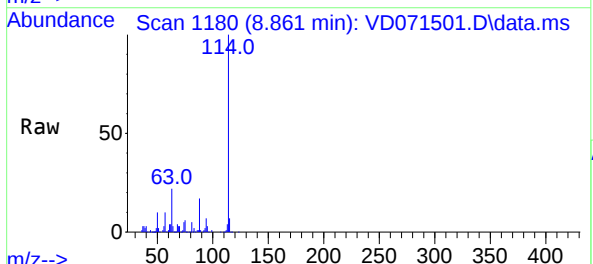
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

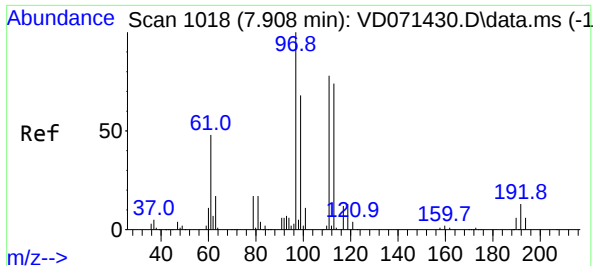
Tgt Ion: 65 Resp: 258861
Ion Ratio Lower Upper
65 100
67 50.9 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion:114 Resp: 791623
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.7 0.0 32.8

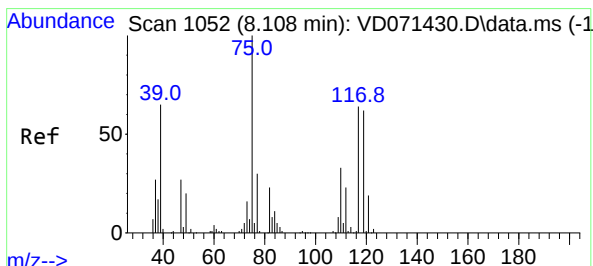
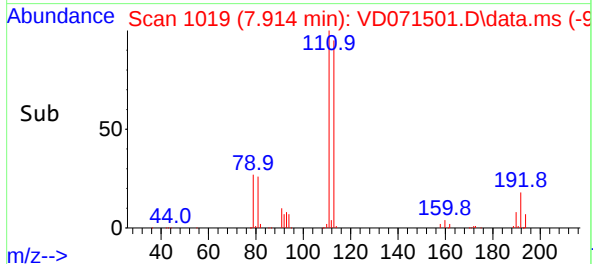
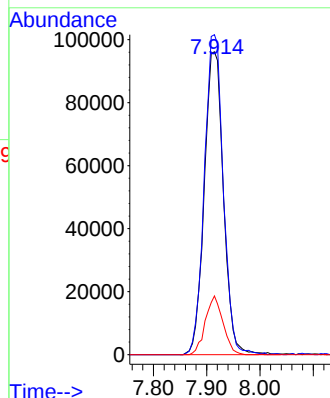
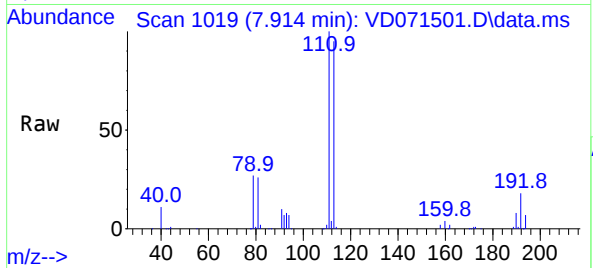




#35
Dibromofluoromethane
Concen: 45.278 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

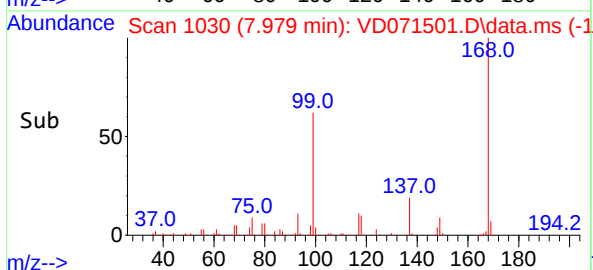
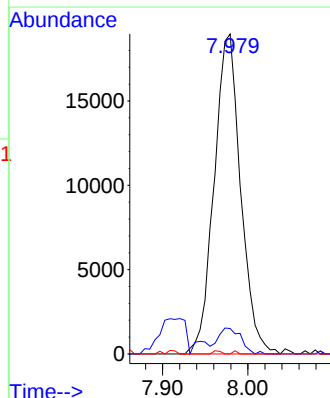
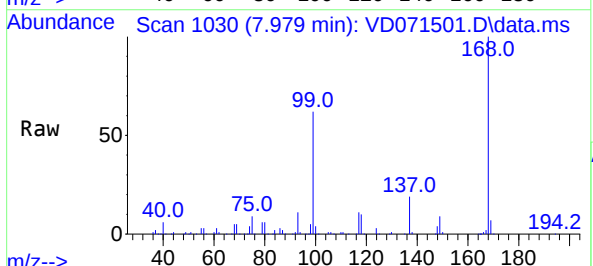
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

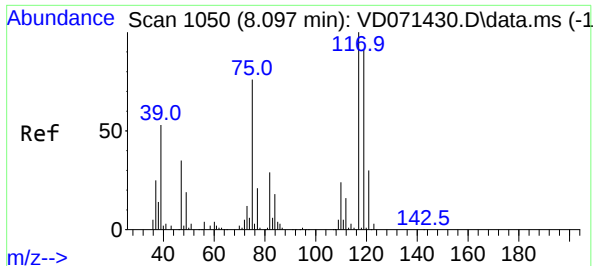
Tgt Ion:113 Resp: 240891
Ion Ratio Lower Upper
113 100
111 104.1 82.0 123.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion: 75 Resp: 40963
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.4#
77 0.2 24.8 37.2#

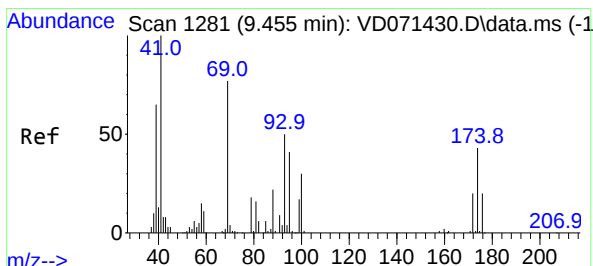
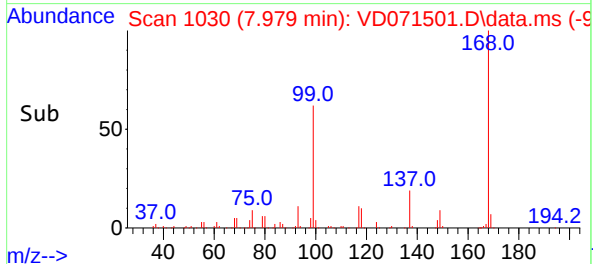
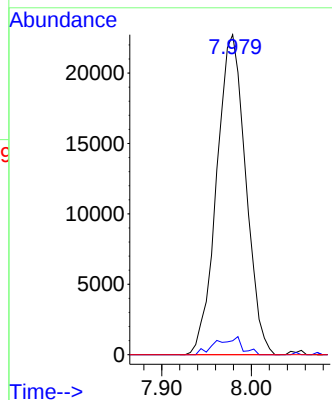
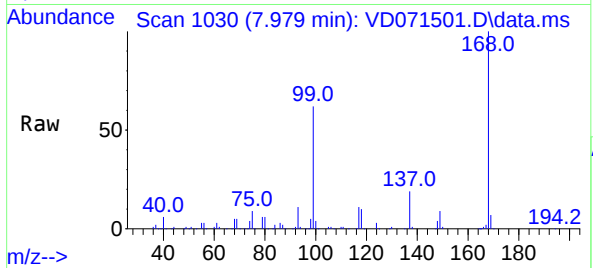




#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 7.979 min Scan# 11
Delta R.T. -0.118 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

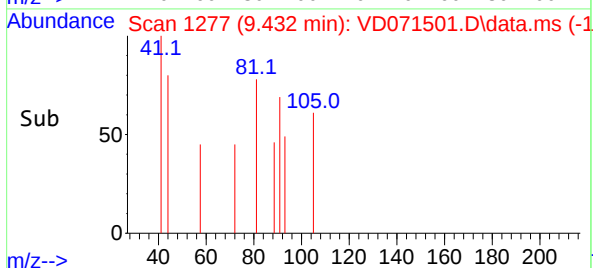
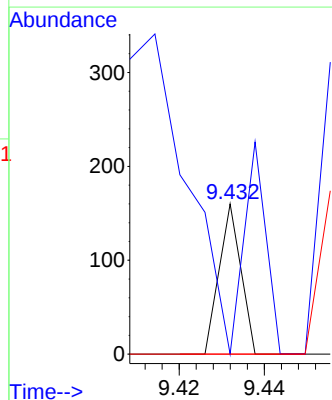
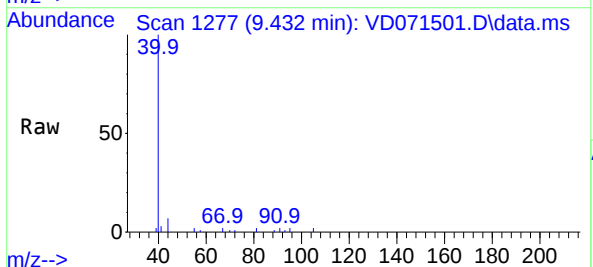
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

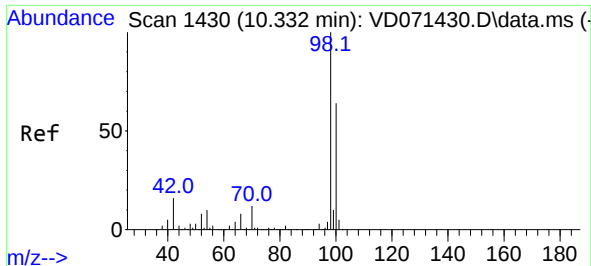
Tgt Ion:117 Resp: 51006
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.513 ug/l
RT: 9.432 min Scan# 1277
Delta R.T. -0.023 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#

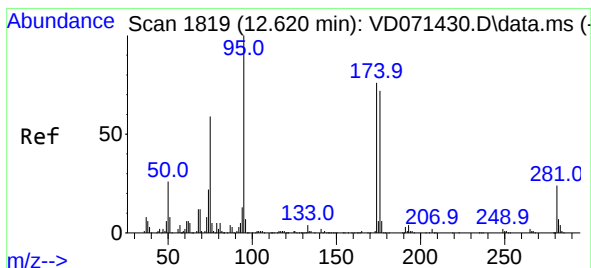
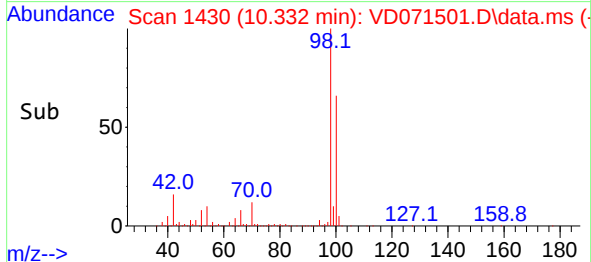
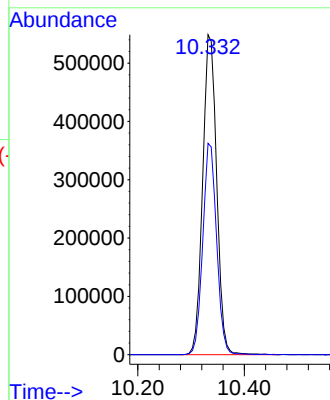
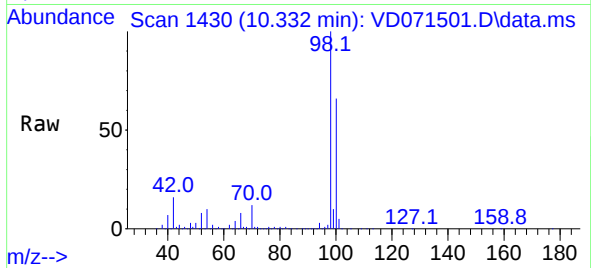




#50
Toluene-d8
Concen: 49.659 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

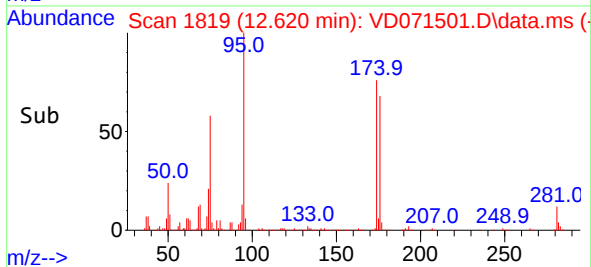
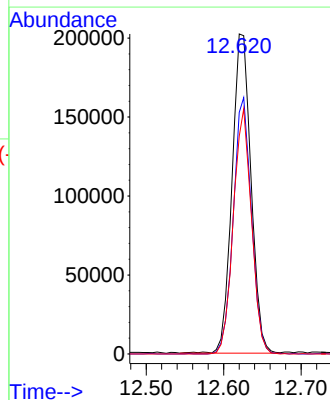
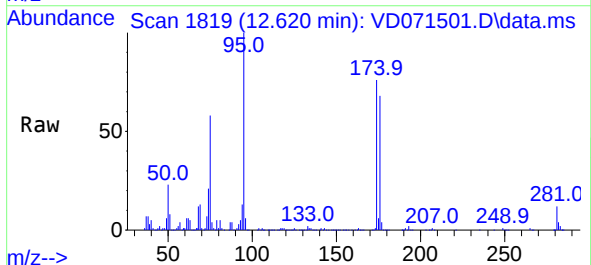
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

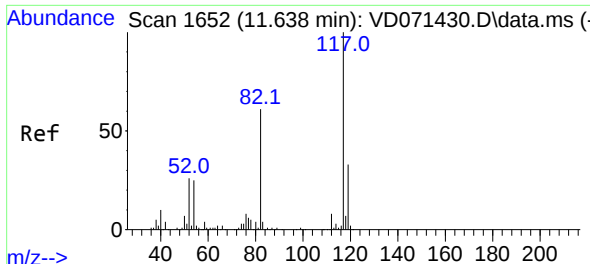
Tgt Ion: 98 Resp: 998429
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.158 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion: 95 Resp: 344066
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.4 0.0 154.0

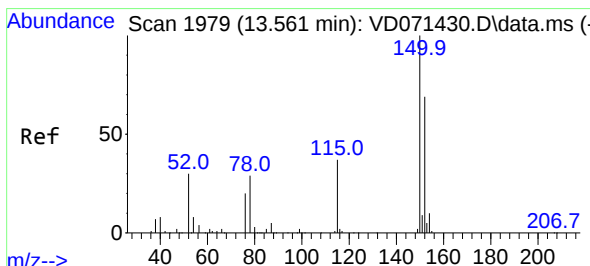
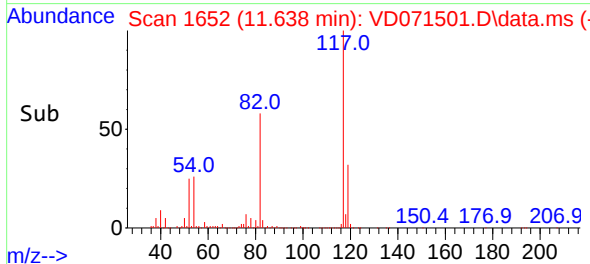
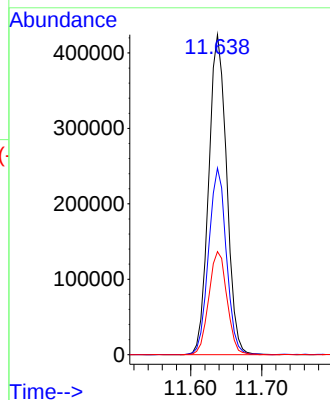
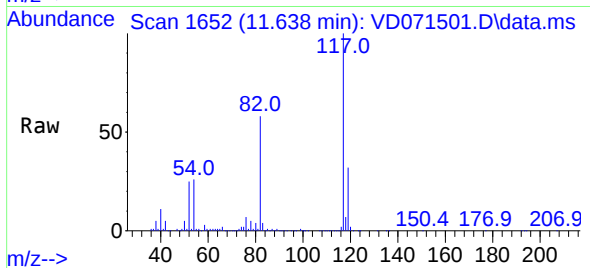




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

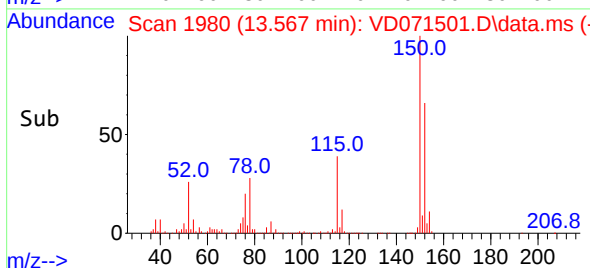
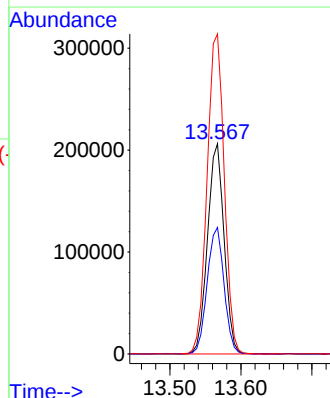
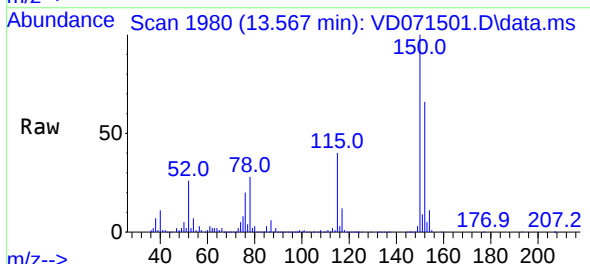
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

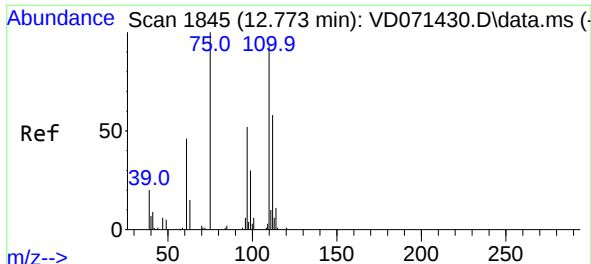
Tgt Ion:117 Resp: 744550
Ion Ratio Lower Upper
117 100
82 58.3 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion:152 Resp: 335621
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 157.3 0.0 349.2

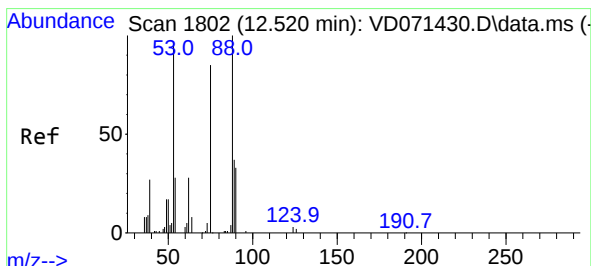
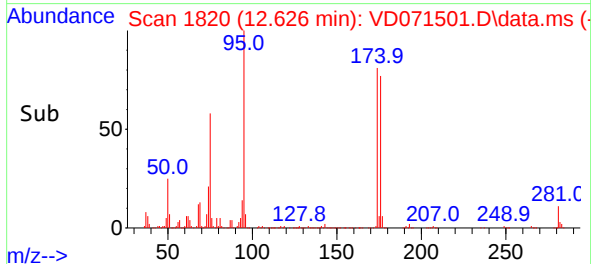
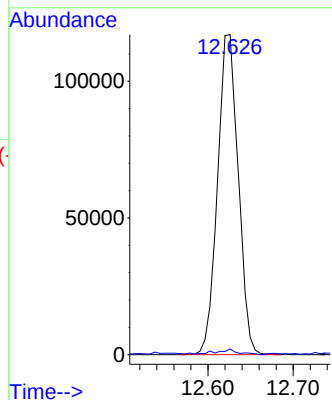
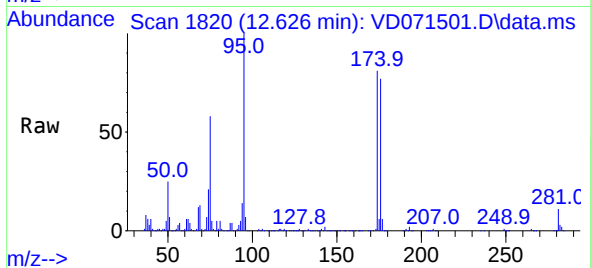




#76
1,2,3-Trichloropropane
Concen: 49.568 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 197665
Ion Ratio Lower Upper
75 100
77 1.8 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.055 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071501.D
Acq: 28 Dec 2021 14:21

Tgt Ion: 75 Resp: 197665
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.2 34.5 51.7#

