

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071494.D
 Acq On : 28 Dec 2021 11:07
 Operator : VA/SY
 Sample : VD1228SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBL01

Quant Time: Dec 28 15:05:15 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)

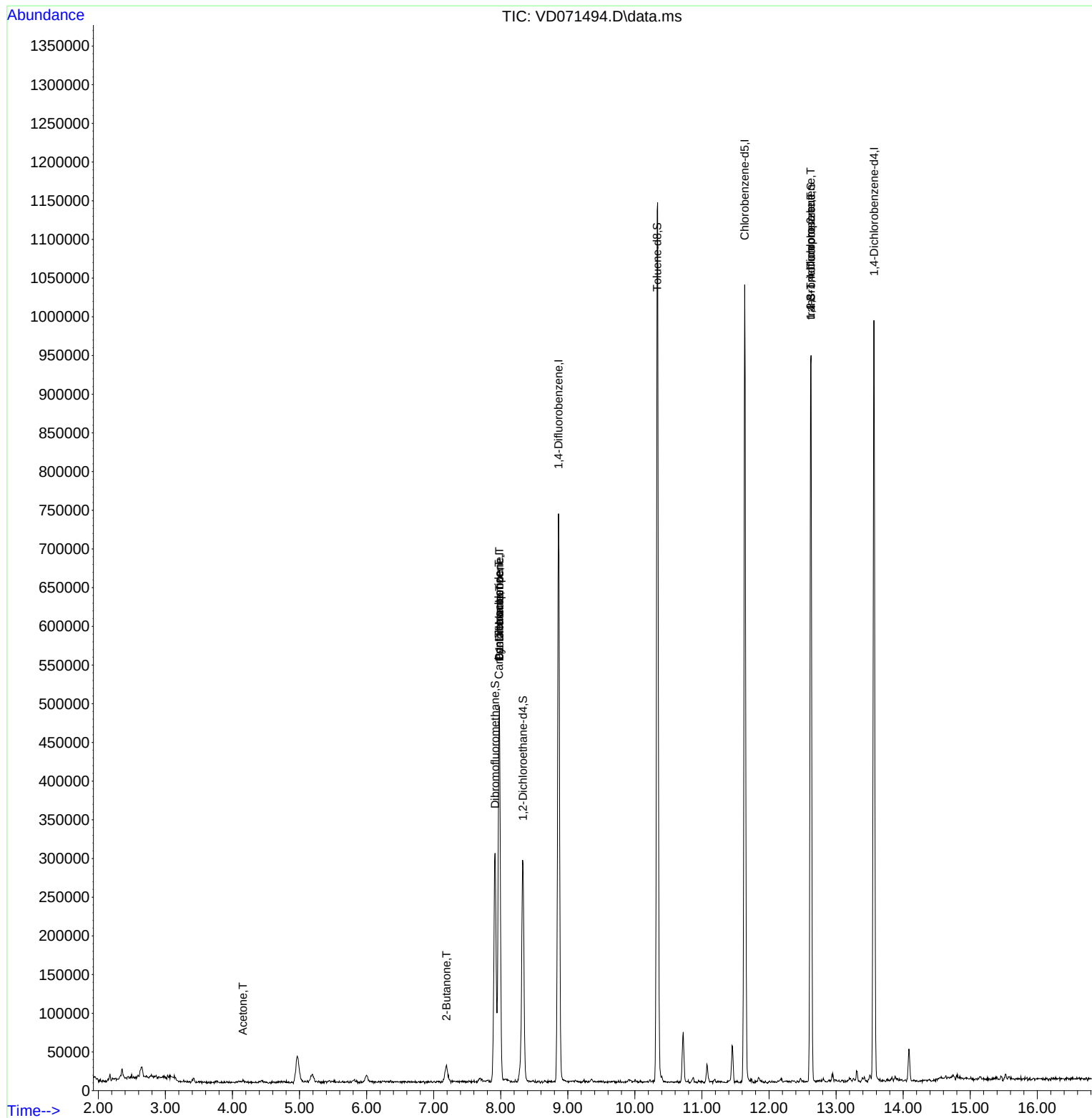
Internal Standards						
1) Pentafluorobenzene	7.979	168	343012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	244193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	229711	50.425	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.860%		
35) Dibromofluoromethane	7.914	113	205206	51.130	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.260%		
50) Toluene-d8	10.332	98	737189	48.605	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 97.220%		
62) 4-Bromofluorobenzene	12.626	95	257519	47.781	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 95.560%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	9761	Below Cal	#	71
16) Acetone	4.156	43	3781	3.304	ug/l #	82
20) Methylene Chloride	4.968	84	24530	Below Cal		92
25) 2-Butanone	7.191	43	2098	1.535	ug/l #	45
31) Cyclohexane	7.979	56	11146	1.440	ug/l #	37
36) 1,1-Dichloropropene	7.979	75	30088	4.692	ug/l #	49
38) Carbon Tetrachloride	7.973	117	39248	6.204	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	146277	50.415	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	146277	142.449	ug/l #	18

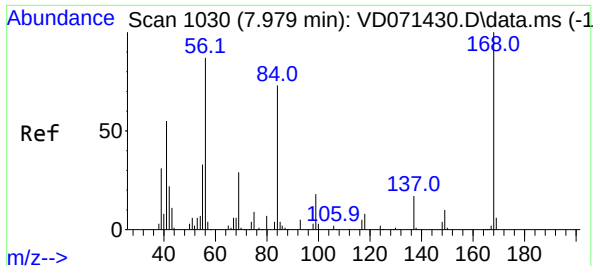
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Response via : Initial Calibration

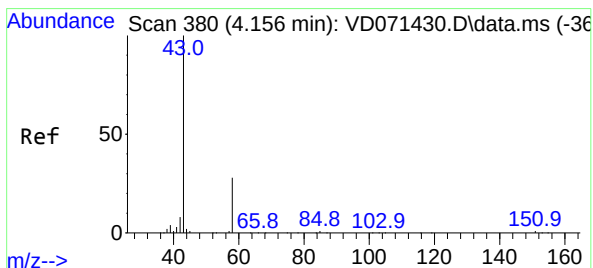
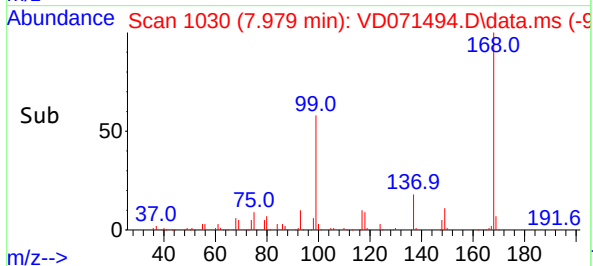
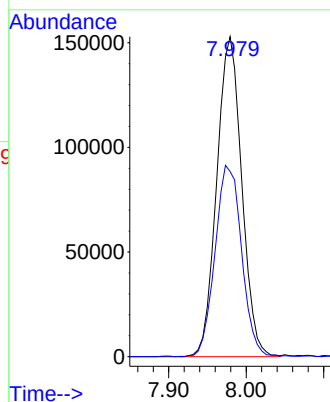
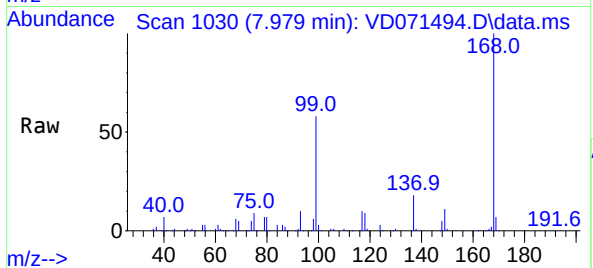




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

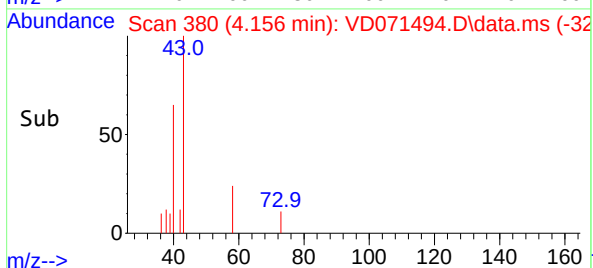
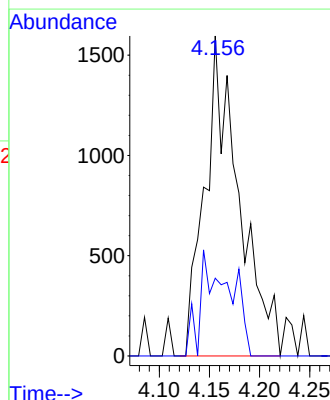
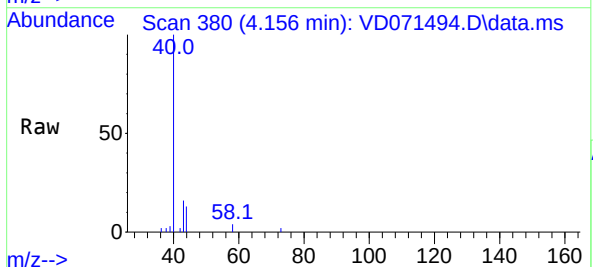
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

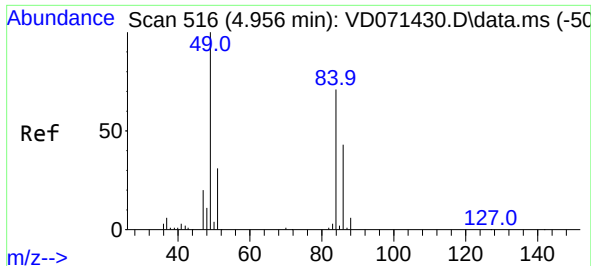
Tgt Ion:168 Resp: 343012
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#16
Acetone
Concen: 3.304 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion: 43 Resp: 3781
Ion Ratio Lower Upper
43 100
58 24.3 27.8 41.8#

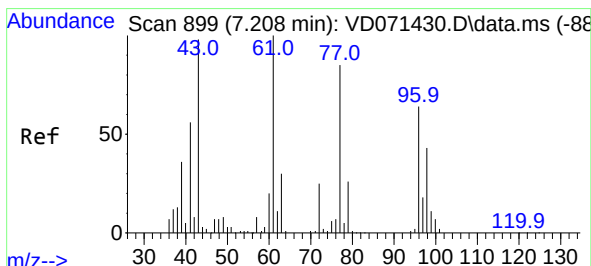
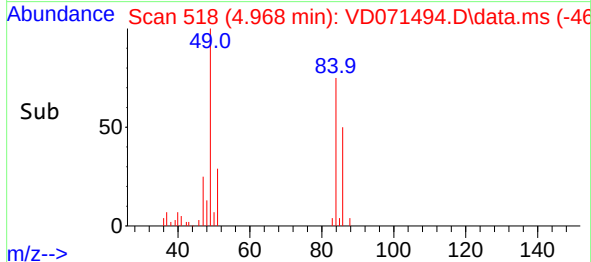
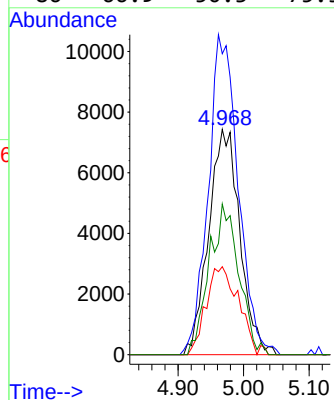
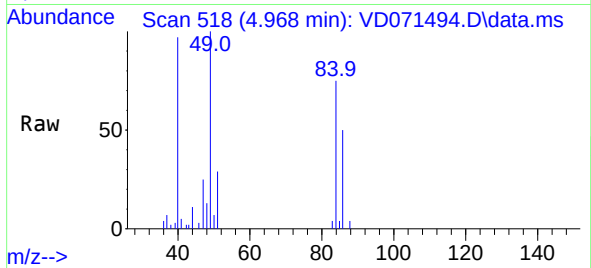




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 516
Delta R.T. 0.007 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

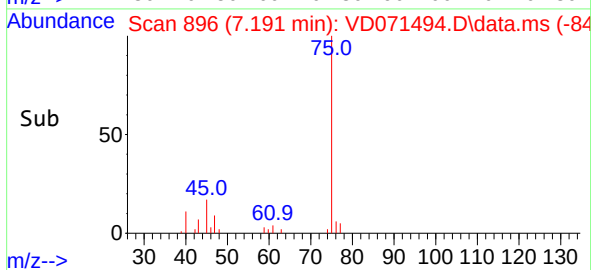
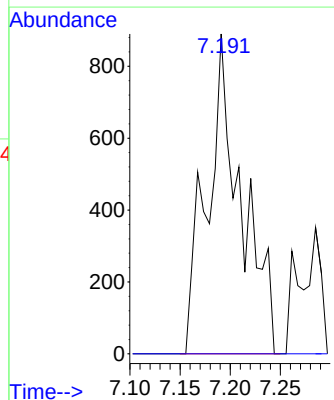
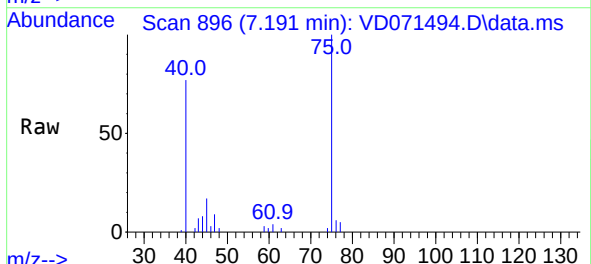
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

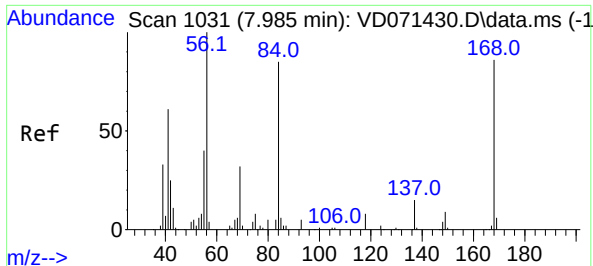
Tgt Ion:	84	Resp:	24530
Ion	Ratio	Lower	Upper
84	100		
49	133.6	95.8	143.6
51	39.1	30.9	46.3
86	66.9	50.3	75.5



#25
2-Butanone
Concen: 1.535 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion:	43	Resp:	2098
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#





#31

Cyclohexane

Concen: 1.440 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071494.D

Acq: 28 Dec 2021 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBL01

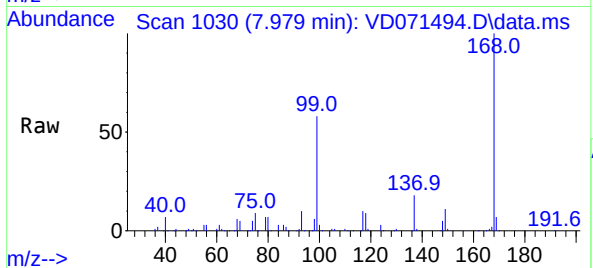
Tgt Ion: 56 Resp: 11146

Ion Ratio Lower Upper

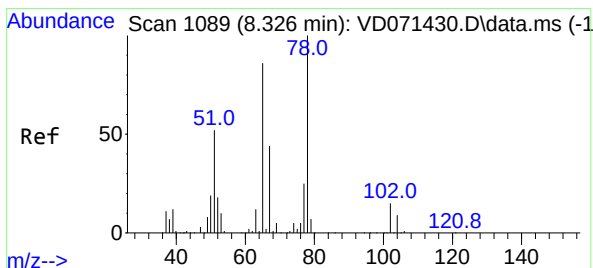
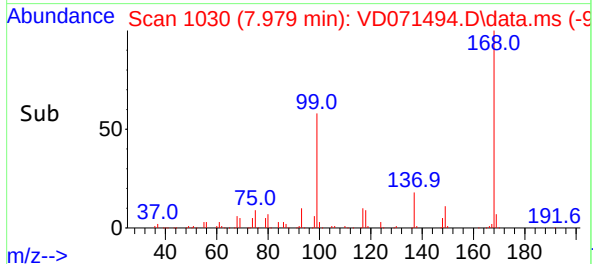
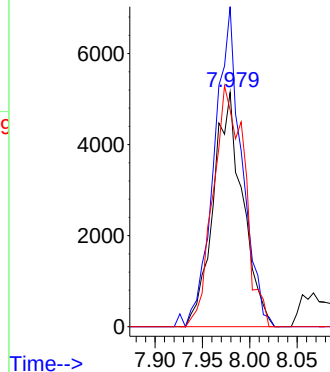
56 100

69 136.6 25.9 38.9#

84 92.5 64.3 96.5



Abundance



#33

1,2-Dichloroethane-d4

Concen: 50.425 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071494.D

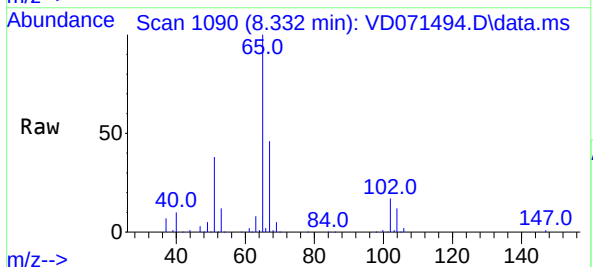
Acq: 28 Dec 2021 11:07

Tgt Ion: 65 Resp: 229711

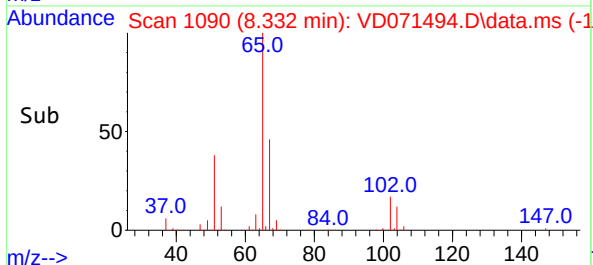
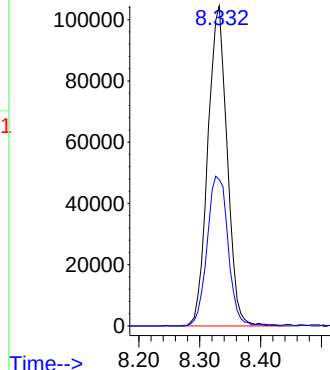
Ion Ratio Lower Upper

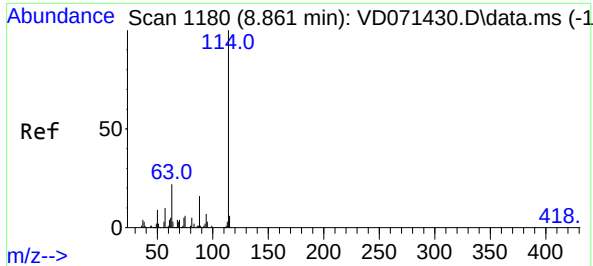
65 100

67 50.8 0.0 112.2



Abundance



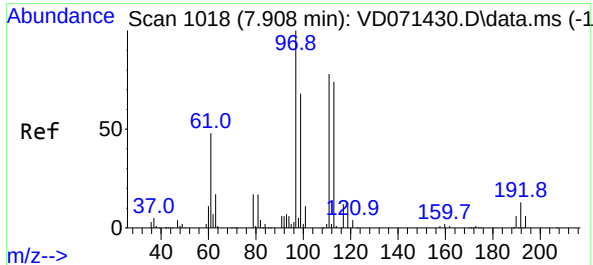
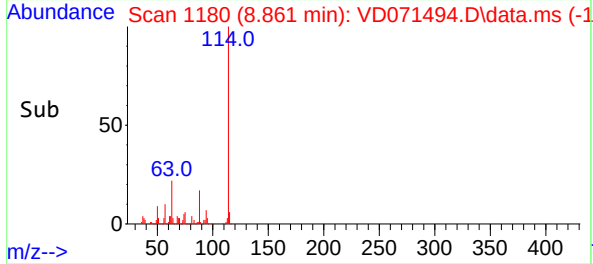
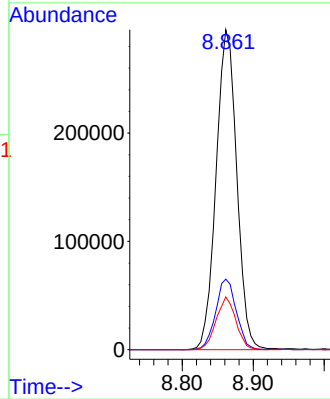
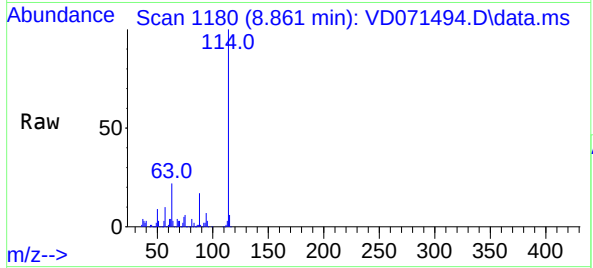


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

Tgt Ion:114 Resp: 597167

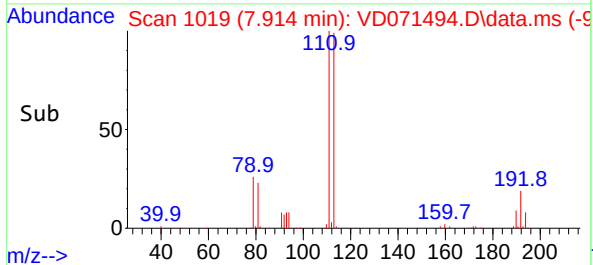
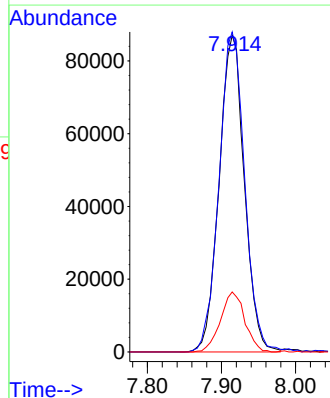
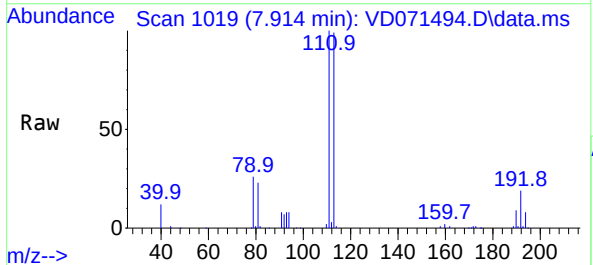
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	16.5	0.0	32.8

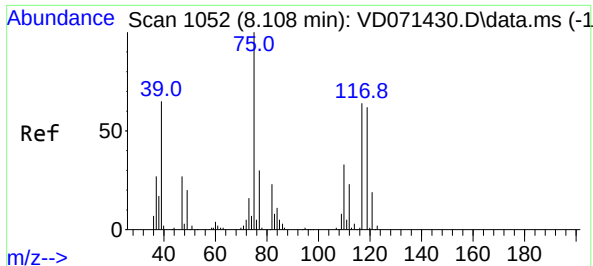


#35
Dibromofluoromethane
Concen: 51.130 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion:113 Resp: 205206

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.3	15.2	22.8

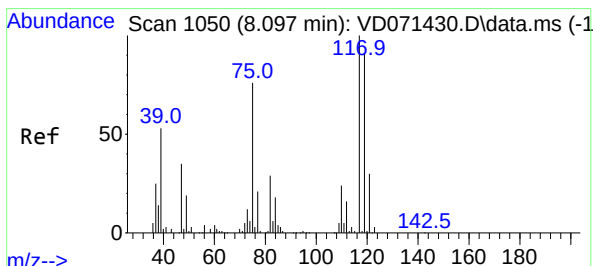
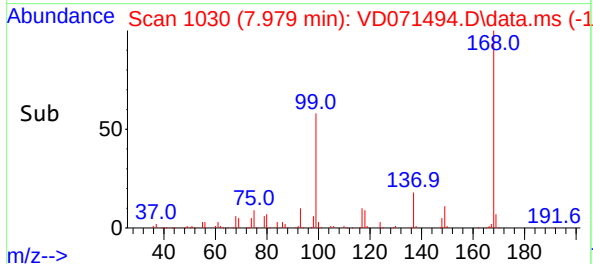
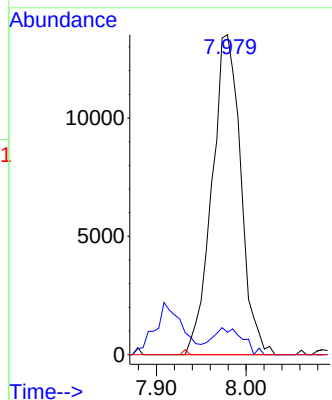
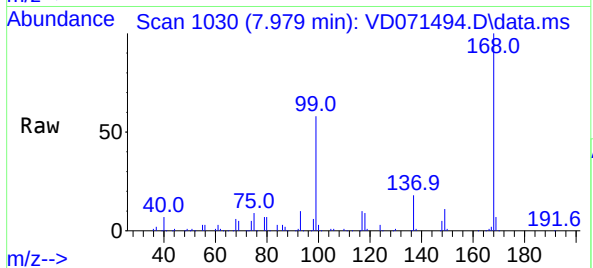




#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

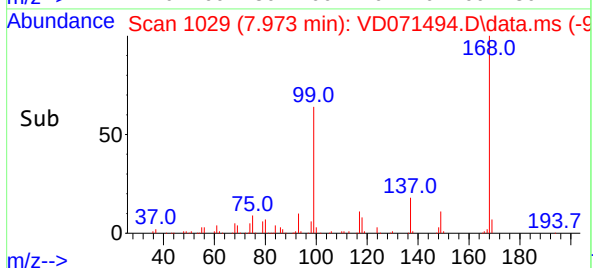
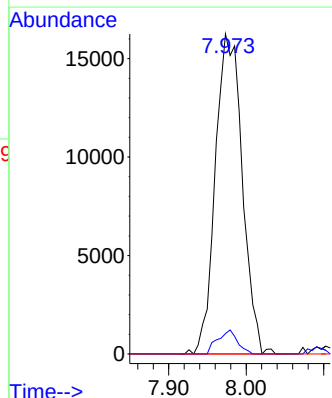
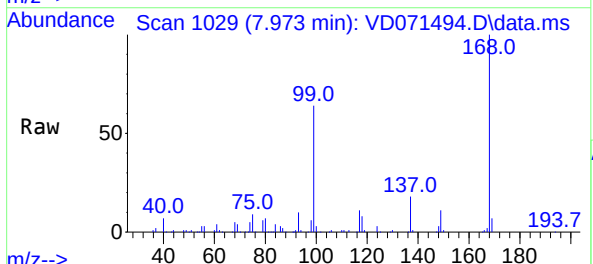
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

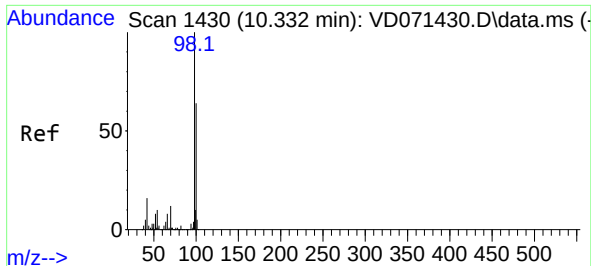
Tgt Ion: 75 Resp: 30088
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.4#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion: 117 Resp: 39248
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 23.6 35.4#

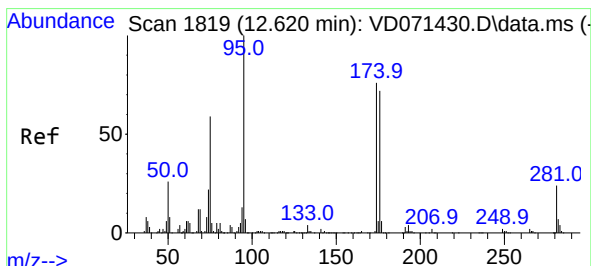
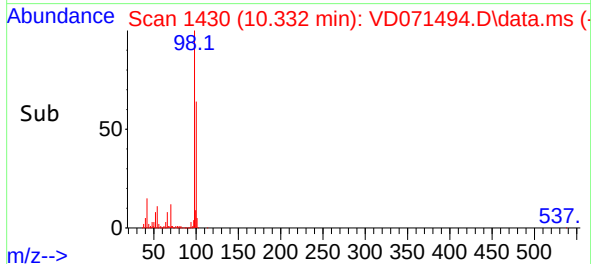
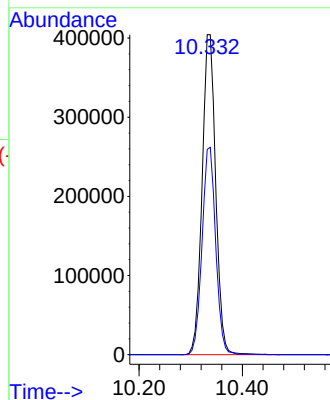
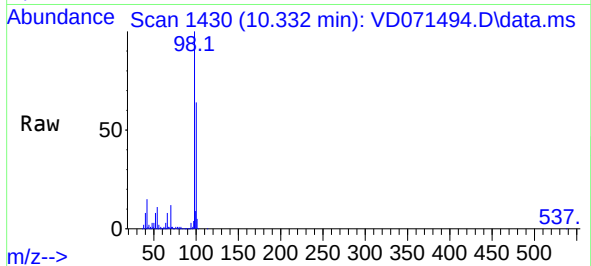




#50
Toluene-d8
Concen: 48.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

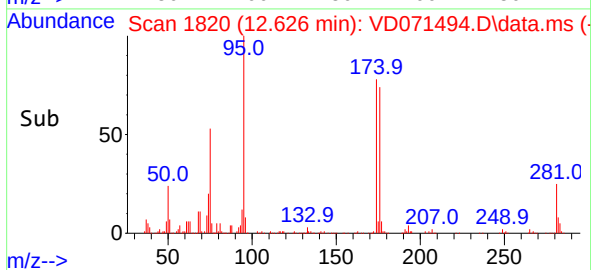
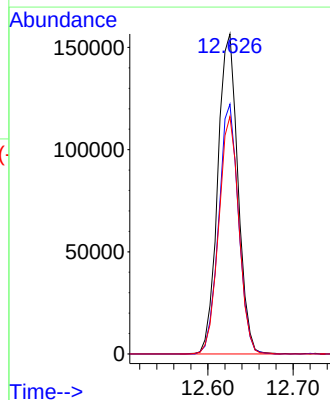
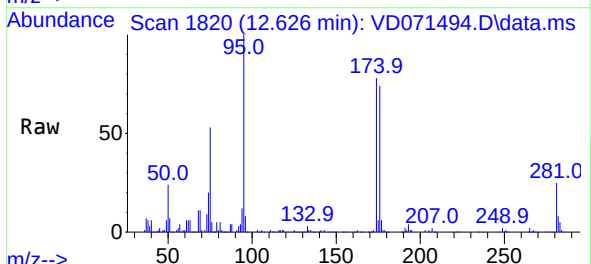
Instrument :
MSVOA_D
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VD1228SBL01

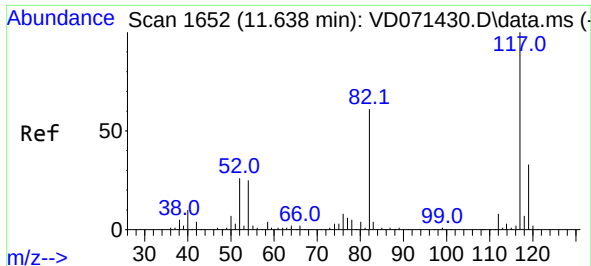
Tgt Ion: 98 Resp: 737189
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.781 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion: 95 Resp: 257519
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 73.9 0.0 154.0

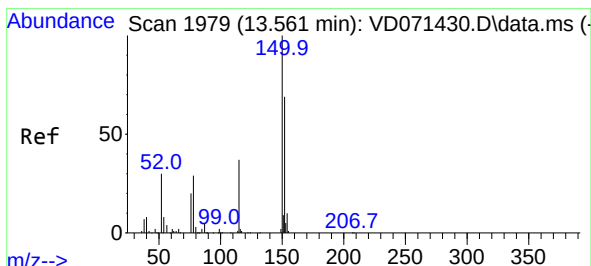
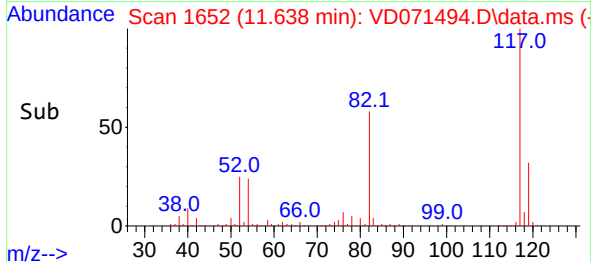
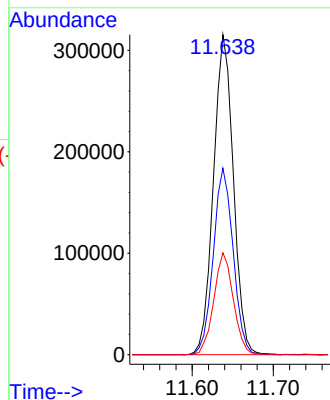
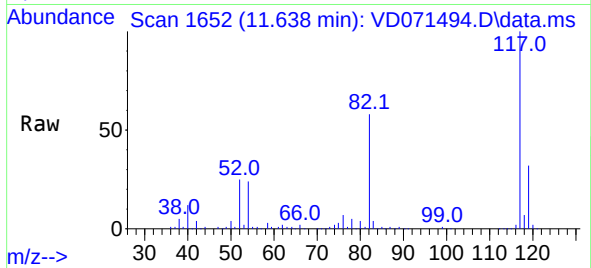




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

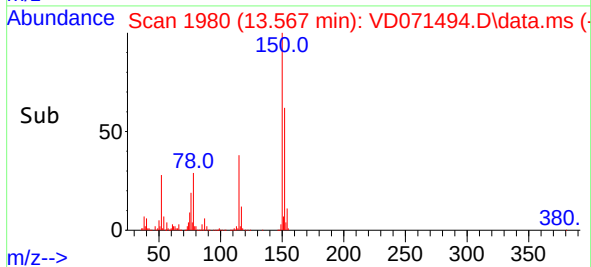
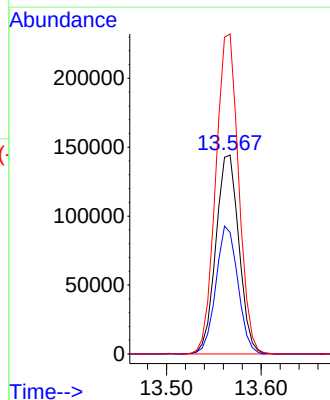
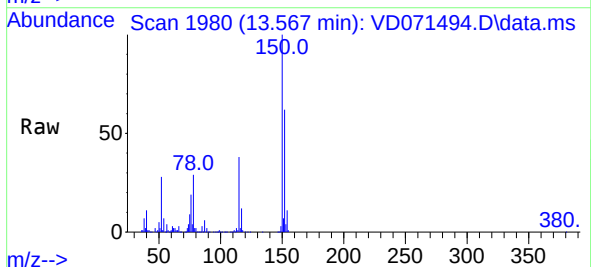
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

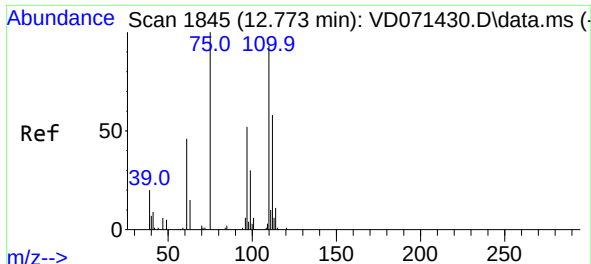
Tgt Ion:117 Resp: 538541
Ion Ratio Lower Upper
117 100
82 58.3 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion:152 Resp: 244193
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 159.8 0.0 349.2

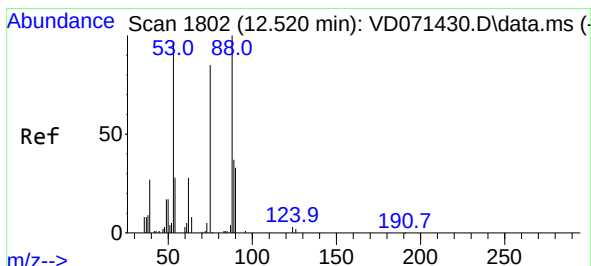
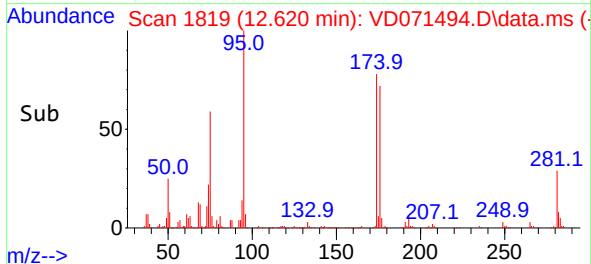
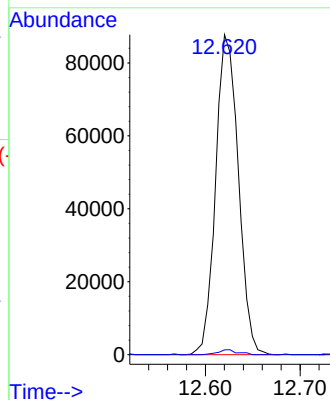
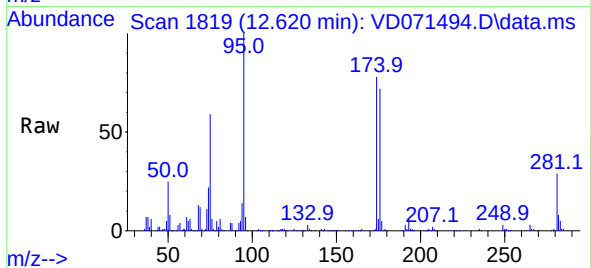




#76
1,2,3-Trichloropropane
Concen: 50.415 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

Tgt Ion: 75 Resp: 146277
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.449 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion: 75 Resp: 146277
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 34.5 51.7#

