

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071980.D
 Acq On : 15 Feb 2022 16:38
 Operator : VA/SY
 Sample : N1532-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

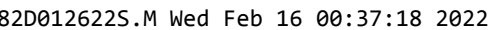
Quant Time: Feb 16 00:37:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

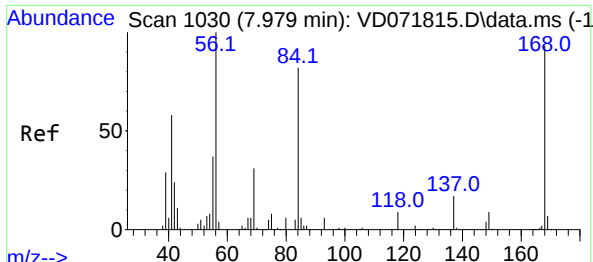
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	360626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	685091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	651160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	270960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223761	49.091	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.180%		
35) Dibromofluoromethane	7.909	113	219646	48.774	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.540%		
50) Toluene-d8	10.338	98	885831	52.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.626	95	276672	47.108	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.215	59	129	Below Cal	#	74
16) Acetone	4.162	43	3682	2.951	ug/l #	78
20) Methylene Chloride	4.956	84	2423	Below Cal	#	81
31) Cyclohexane	7.979	56	11989	1.378	ug/l #	51
36) 1,1-Dichloropropene	7.973	75	34361	4.446	ug/l #	52
38) Carbon Tetrachloride	7.979	117	42161	5.516	ug/l #	15
51) 4-Methyl-2-Pentanone	10.332	43	4867	1.440	ug/l #	1
71) Bromoform	12.620	173	3191	1.193	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	155795	54.558	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	155795	134.146	ug/l #	7
95) Naphthalene	15.385	128	341	1.489	ug/l #	70

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

Quant Time: Feb 16 00:37:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

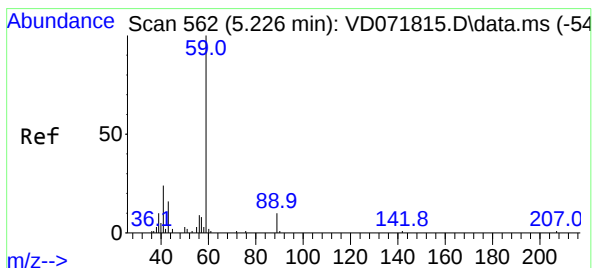
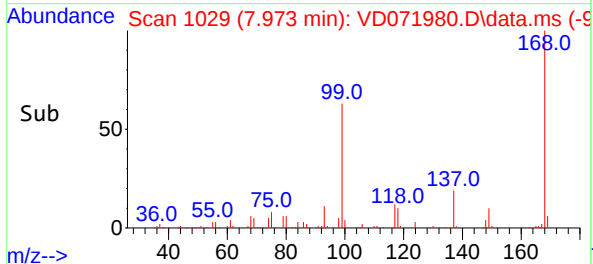
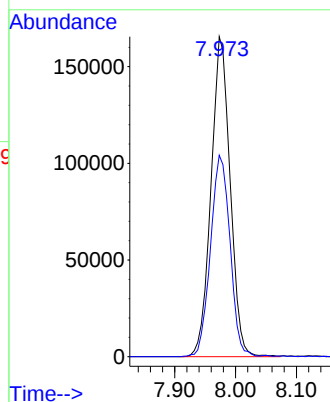
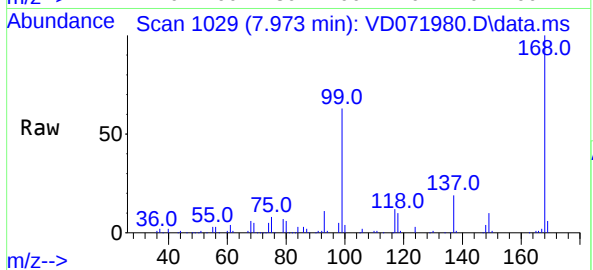




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

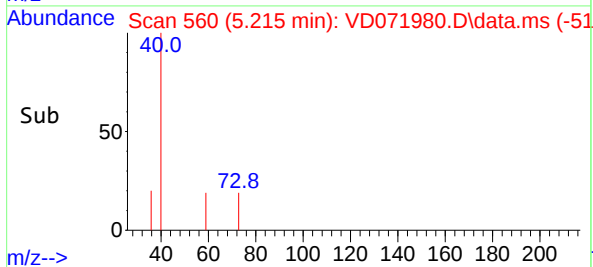
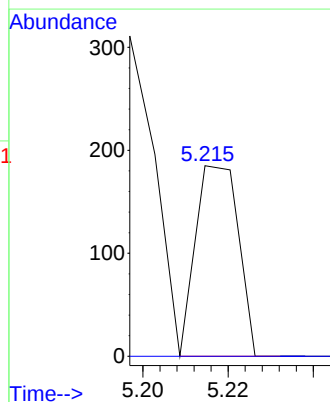
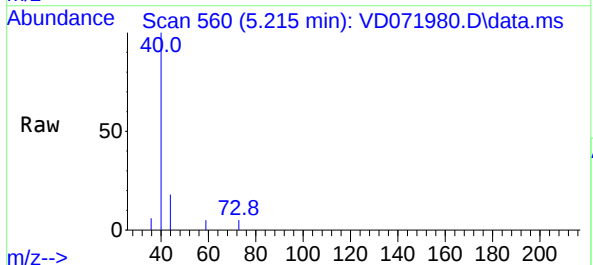
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 360626
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

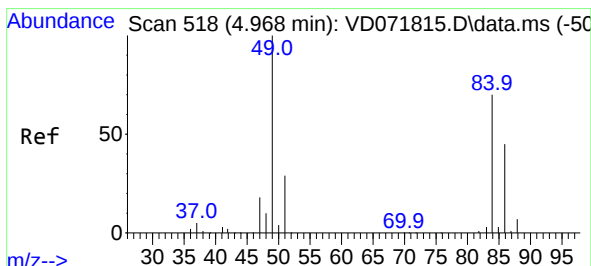
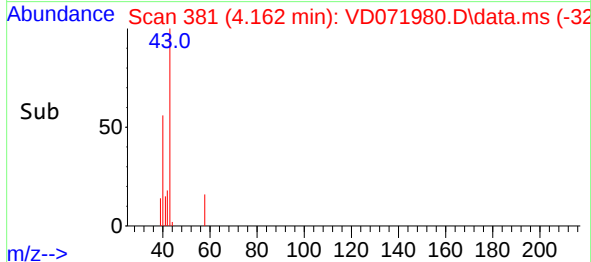
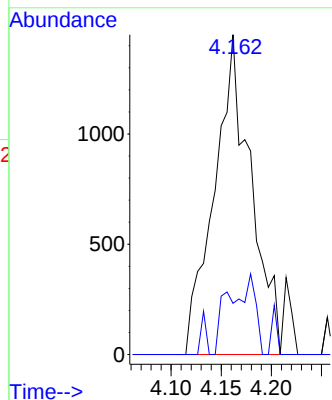
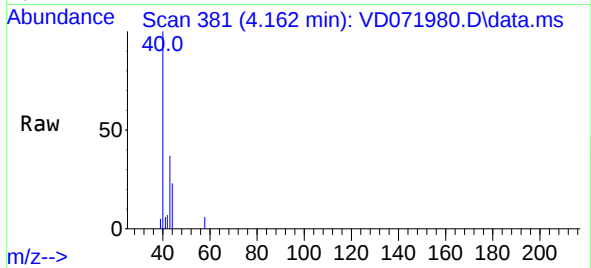




#16
Acetone
Concen: 2.951 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

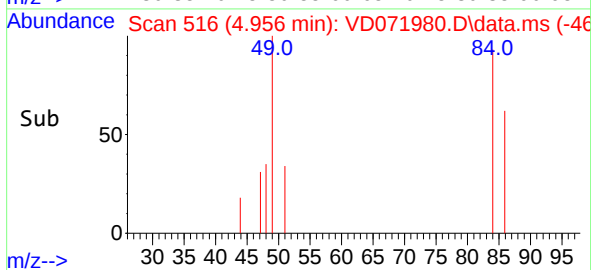
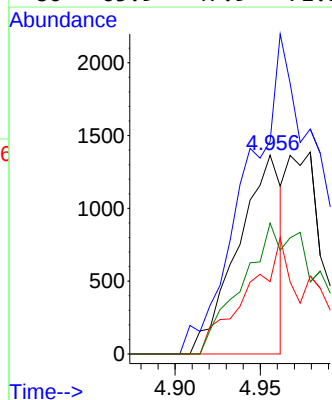
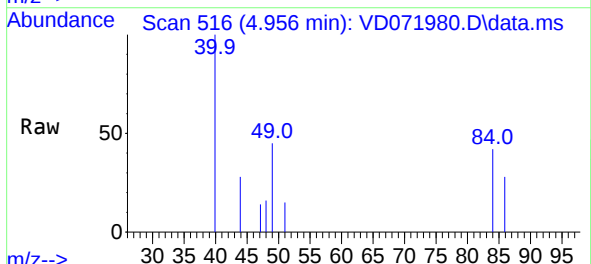
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MSVOA_D
ClientSampleId :

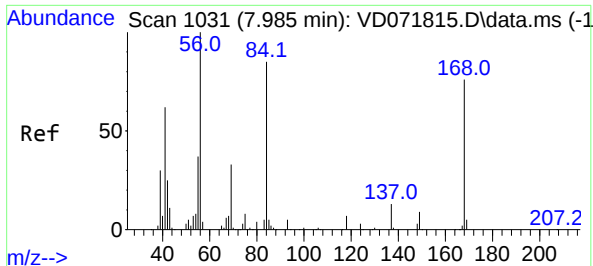
Tgt Ion: 43 Resp: 3682
Ion Ratio Lower Upper
43 100
58 16.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion: 84 Resp: 2423
Ion Ratio Lower Upper
84 100
49 107.0 112.8 169.2#
51 36.4 32.6 48.8
86 65.9 47.9 71.9





#31

Cyclohexane

Concen: 1.378 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071980.D

Acq: 15 Feb 2022 16:38

Instrument :

MSVOA_D

ClientSampleId :

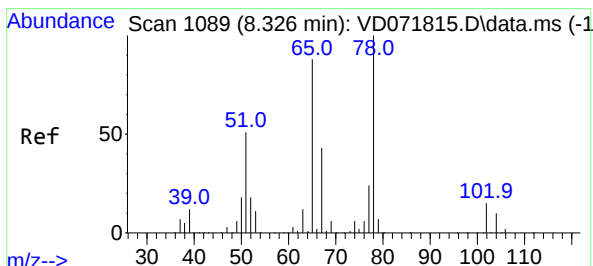
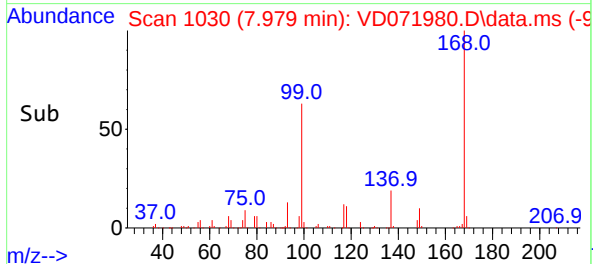
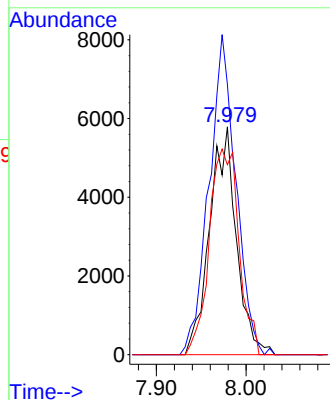
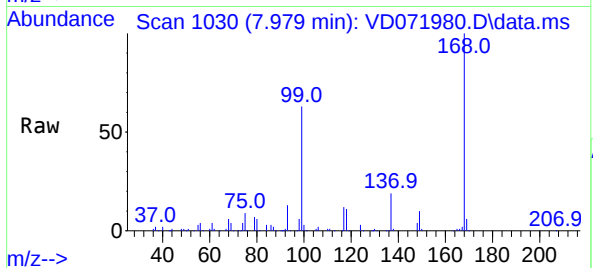
Tgt Ion: 56 Resp: 11989

Ion Ratio Lower Upper

56 100

69 118.6 25.4 38.2#

84 83.3 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 49.091 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071980.D

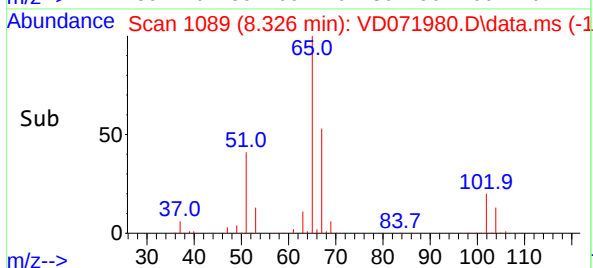
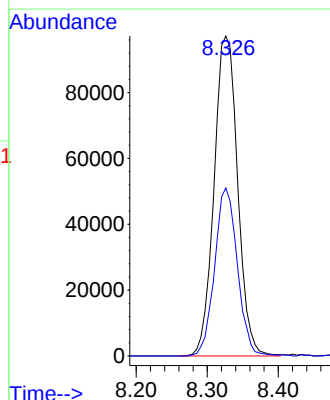
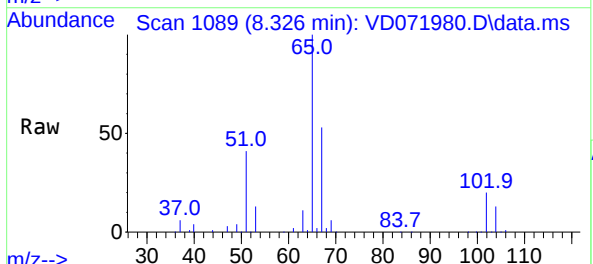
Acq: 15 Feb 2022 16:38

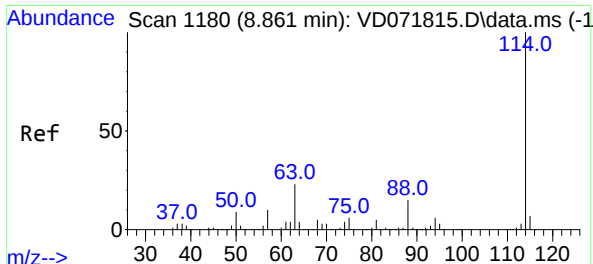
Tgt Ion: 65 Resp: 223761

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4

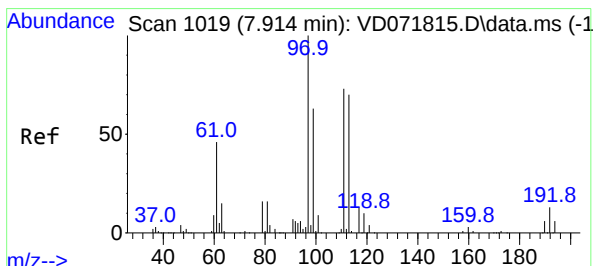
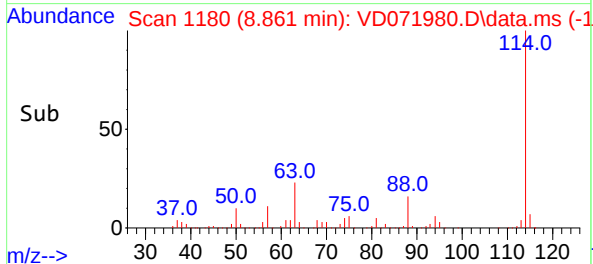
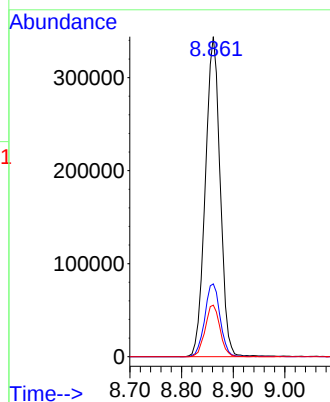
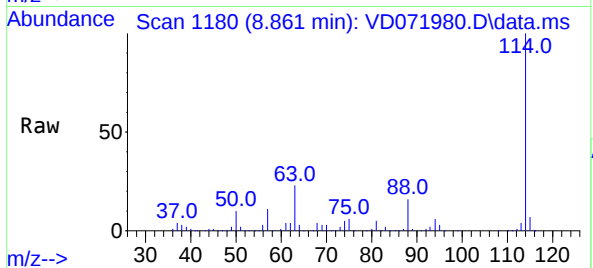




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

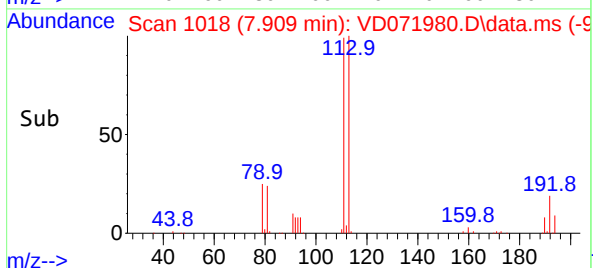
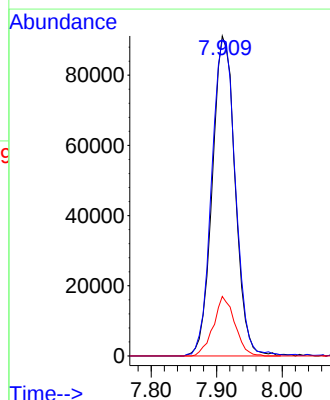
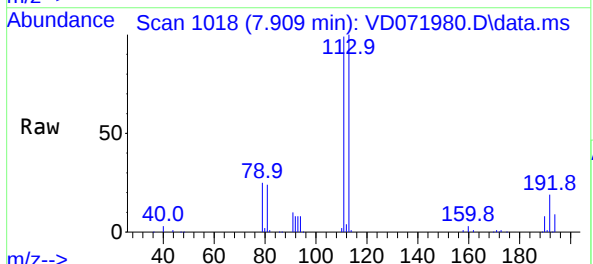
Instrument :
MSVOA_D
ClientSampleId :

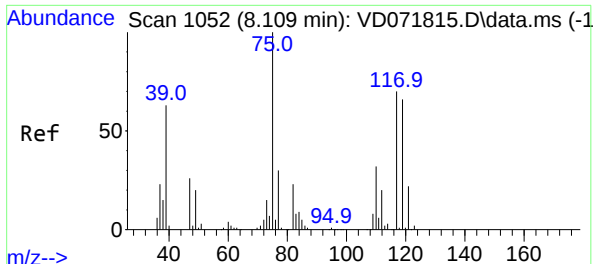
Tgt Ion:114 Resp: 685091
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion:113 Resp: 219646
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.5 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.446 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

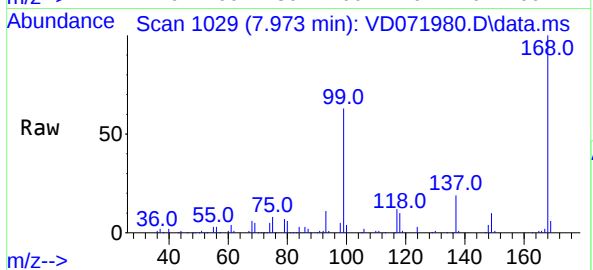
Lab File: VD071980.D

Acq: 15 Feb 2022 16:38

Instrument :

MSVOA_D

ClientSampleId :



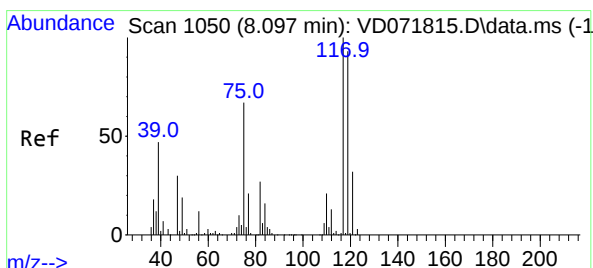
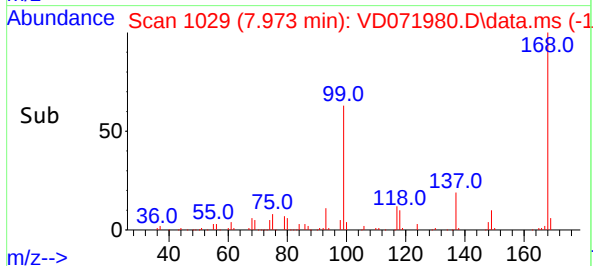
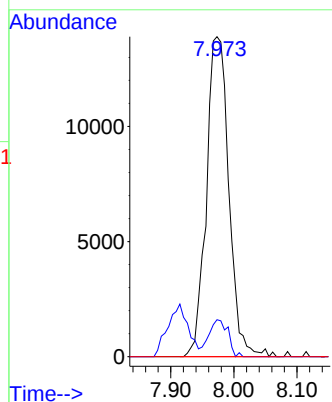
Tgt Ion: 75 Resp: 34361

Ion Ratio Lower Upper

75 100

110 10.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.516 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071980.D

Acq: 15 Feb 2022 16:38

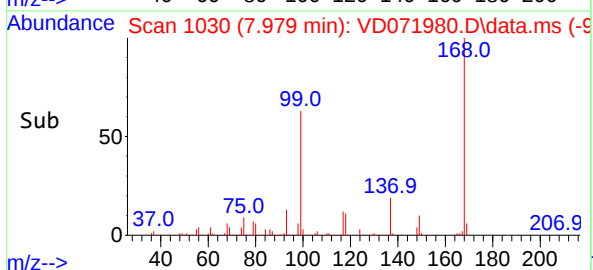
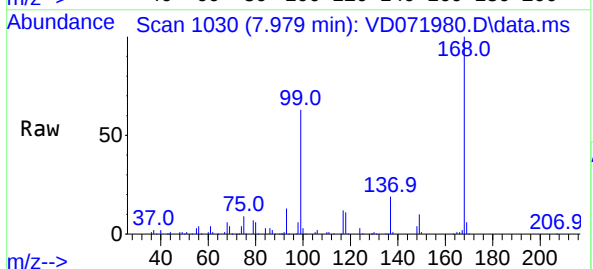
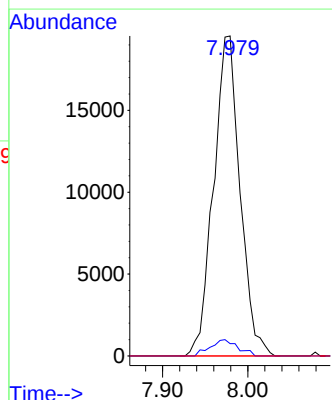
Tgt Ion: 117 Resp: 42161

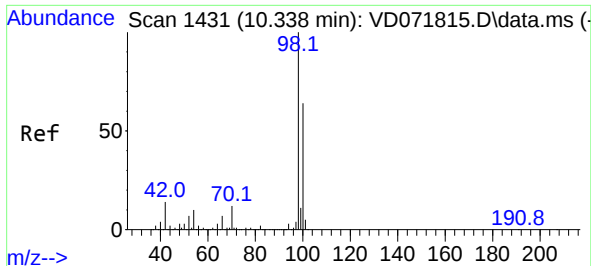
Ion Ratio Lower Upper

117 100

119 3.8 75.8 113.6#

121 0.0 24.5 36.7#

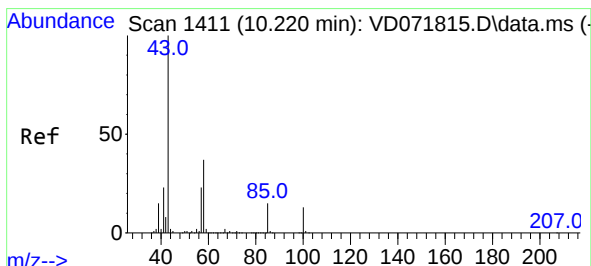
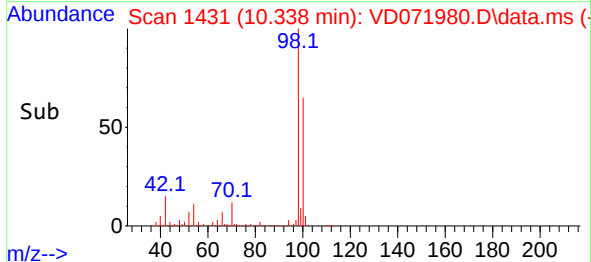
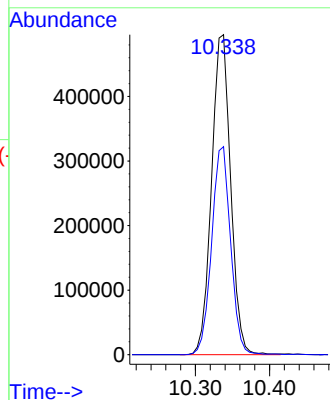
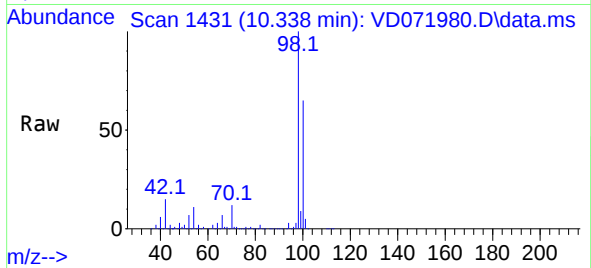




#50
Toluene-d8
Concen: 52.671 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

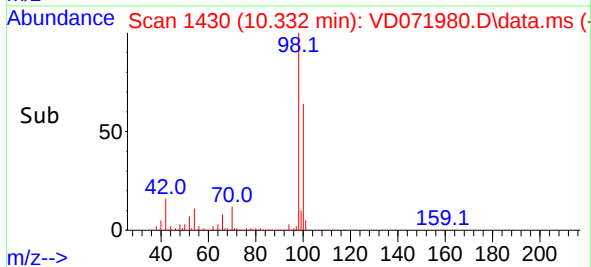
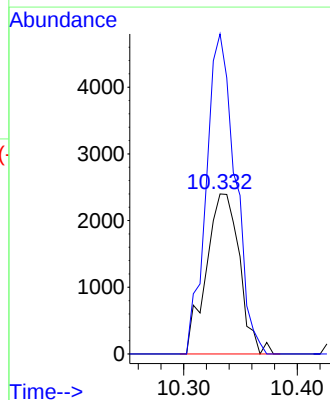
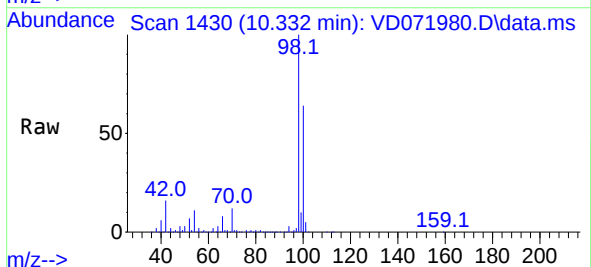
Instrument :
MSVOA_D
ClientSampleId :

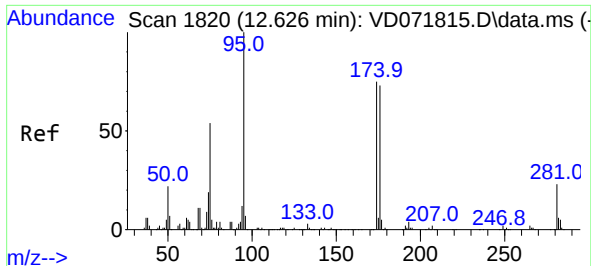
Tgt Ion: 98 Resp: 885831
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.440 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
58 175.7 28.6 43.0#

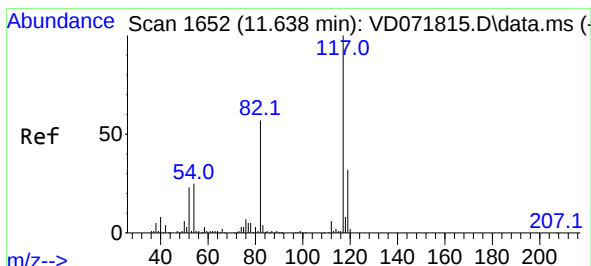
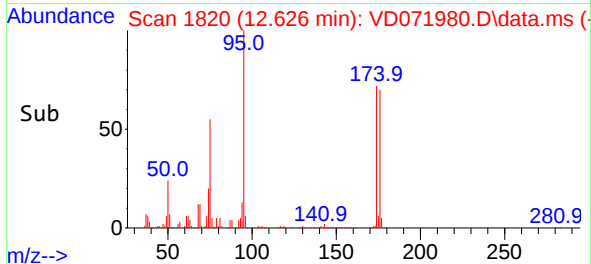
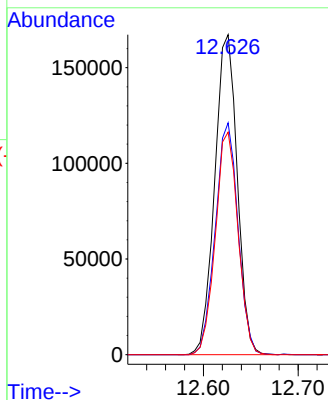
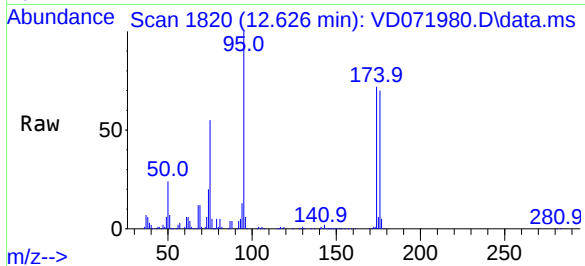




#62
4-Bromofluorobenzene
Concen: 47.108 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

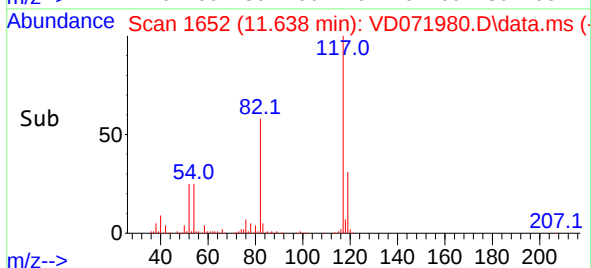
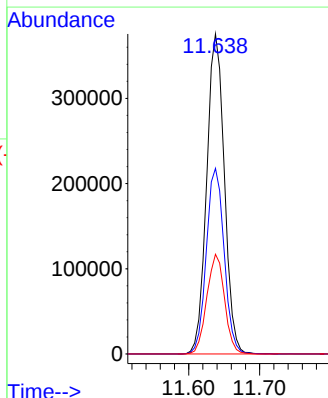
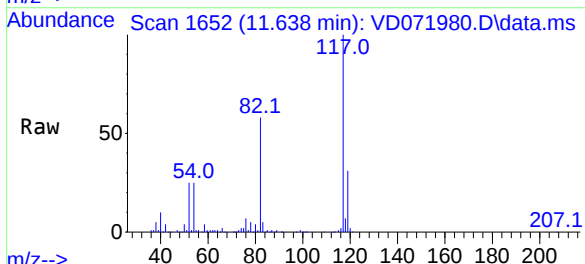
Instrument :
MSVOA_D
ClientSampleId :

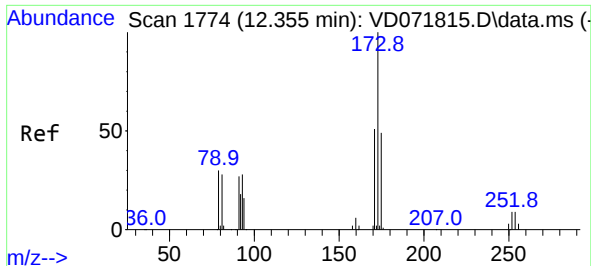
Tgt Ion: 95 Resp: 276672
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.8
176 69.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion: 117 Resp: 651160
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.1 26.6 40.0

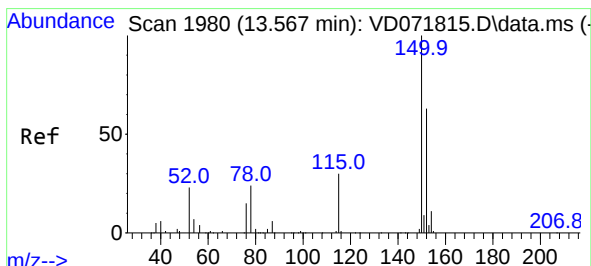
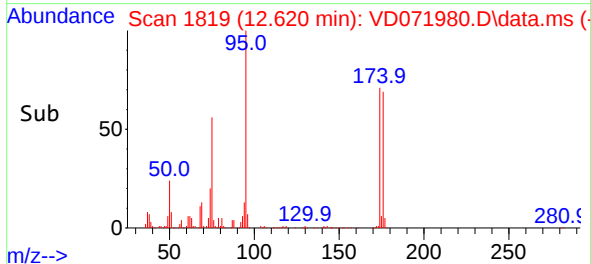
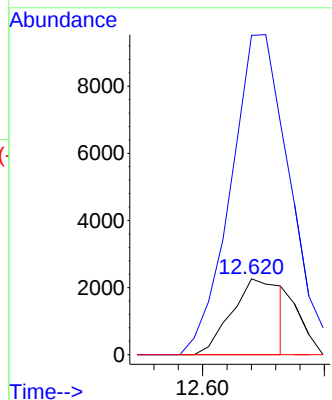
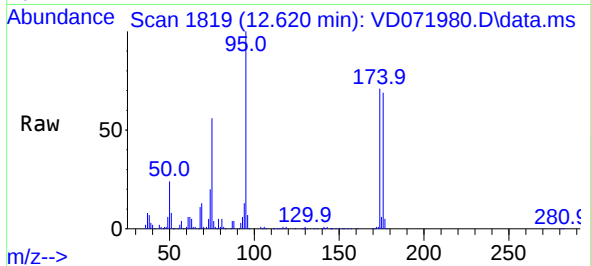




#71
Bromoform
Concen: 1.193 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.265 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

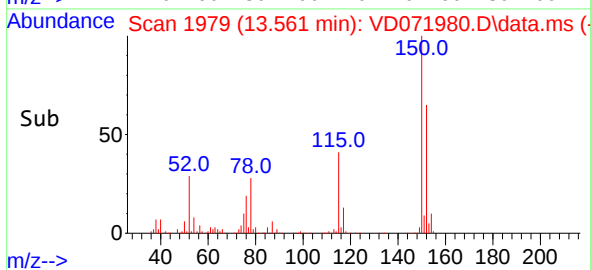
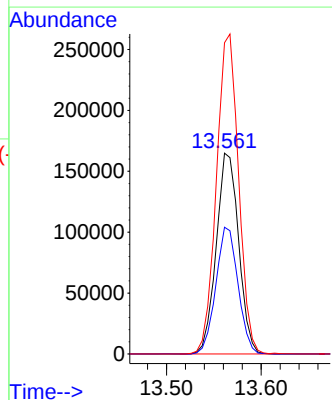
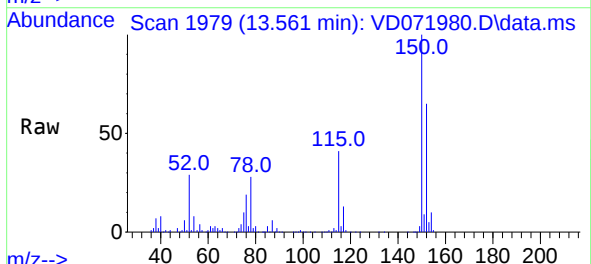
Instrument :
MSVOA_D
ClientSampleId :

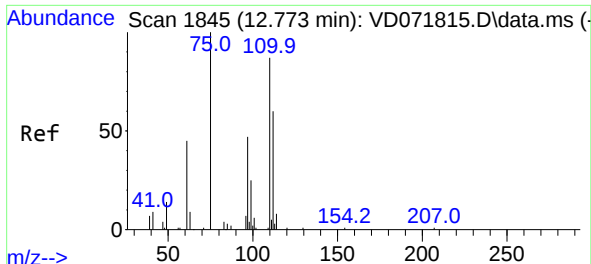
Tgt Ion:173 Resp: 3191
Ion Ratio Lower Upper
173 100
175 419.1 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Tgt Ion:152 Resp: 270960
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 157.7 0.0 348.6

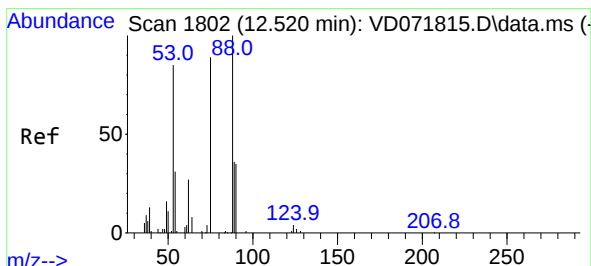
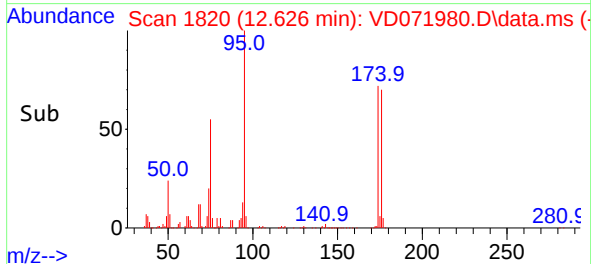
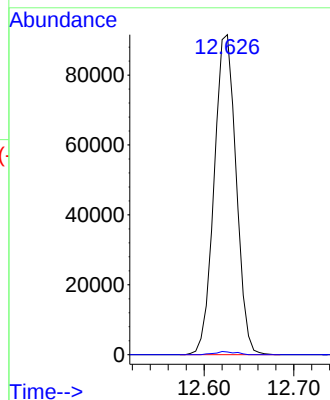
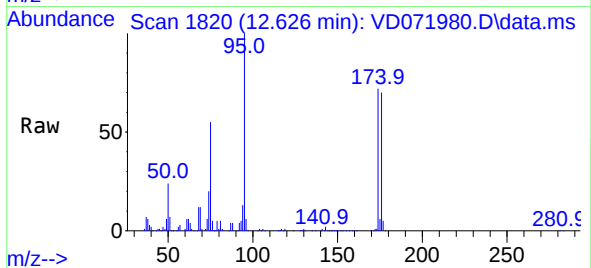




#76
1,2,3-Trichloropropane
Concen: 54.558 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

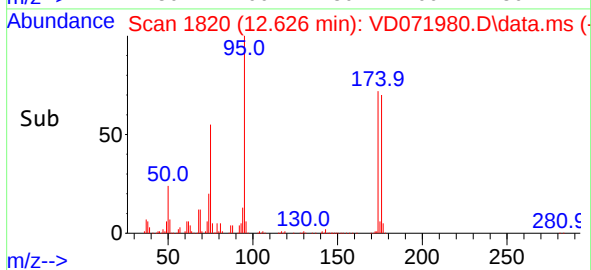
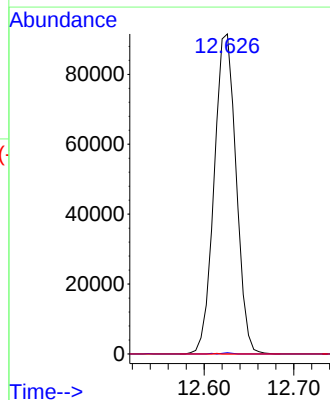
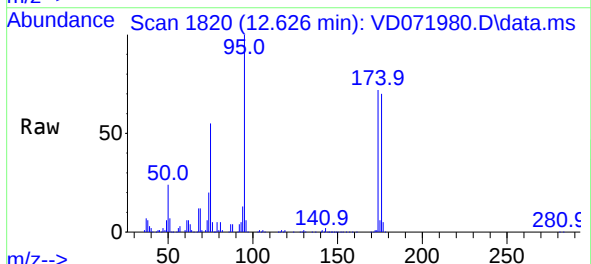
Instrument :
MSVOA_D
ClientSampleId :

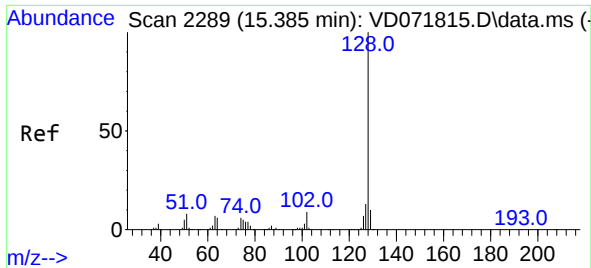
Tgt Ion: 75 Resp: 155795
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.146 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

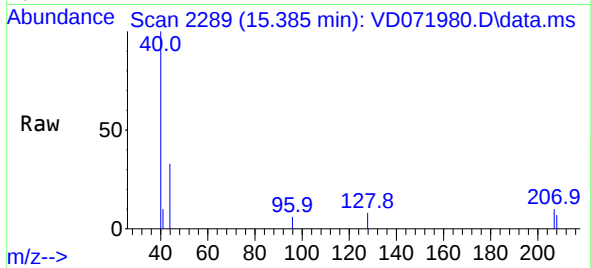
Tgt Ion: 75 Resp: 155795
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.489 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071980.D
Acq: 15 Feb 2022 16:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	341
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

