

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072383.D
 Acq On : 23 Mar 2022 14:51
 Operator : VA/SY
 Sample : N2063-03
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

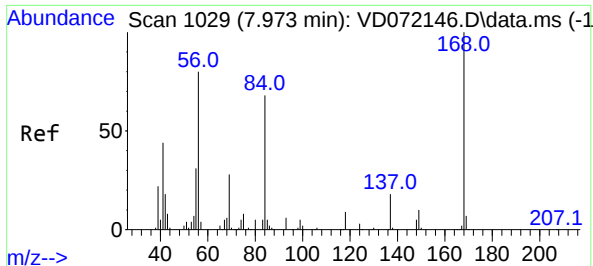
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	372766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	629787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	704424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	361863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188297	45.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.908	113	195642	44.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.280%
50) Toluene-d8	10.338	98	798936	49.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.626	95	371284	58.966	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.940%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	658	2.392	ug/l #	58
16) Acetone	4.162	43	3441	3.815	ug/l #	89
17) Carbon Disulfide	4.403	76	1464	1.678	ug/l #	74
29) Tetrahydrofuran	7.573	42	723	1.022	ug/l #	52
31) Cyclohexane	7.979	56	8689	1.339	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	29646	4.768	ug/l #	50
38) Carbon Tetrachloride	7.979	117	39185	5.545	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	202373	50.699	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	202373	125.789	ug/l #	8

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

Quant Time: Mar 24 00:52:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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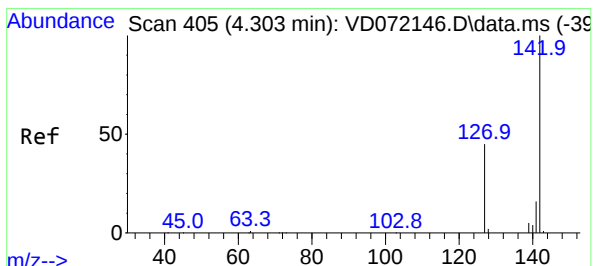
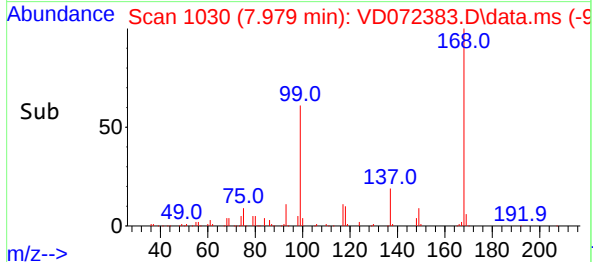
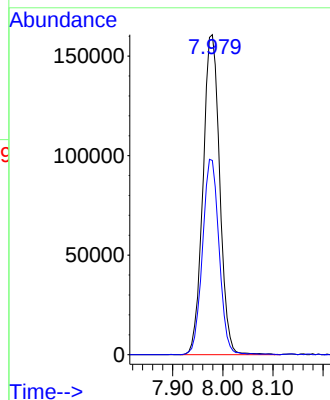
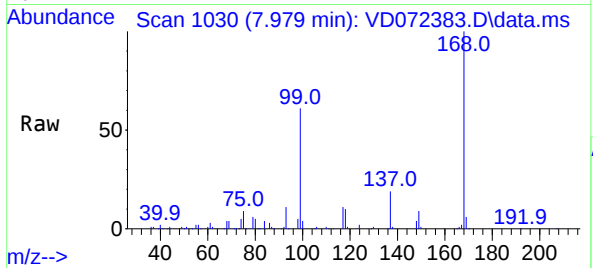




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

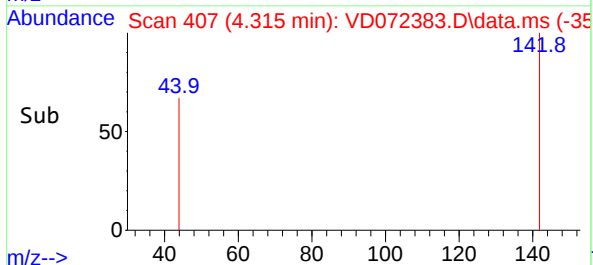
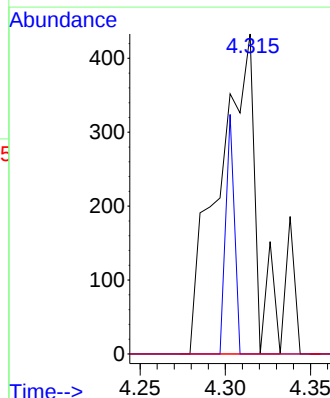
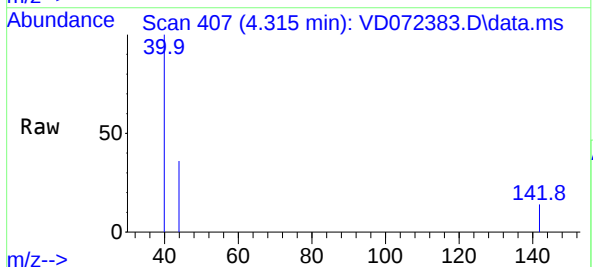
Instrument :
MSVOA_D
ClientSampleId :

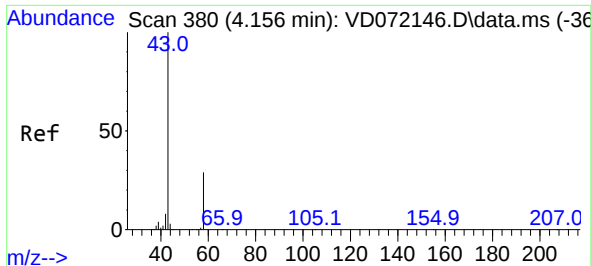
Tgt Ion:168 Resp: 372766
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#10
Methyl Iodide
Concen: 2.392 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
127 17.3 37.3 55.9#
141 0.0 11.7 17.5#

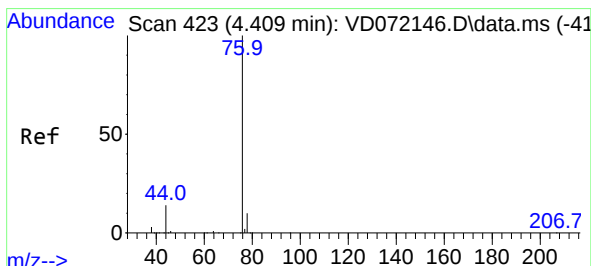
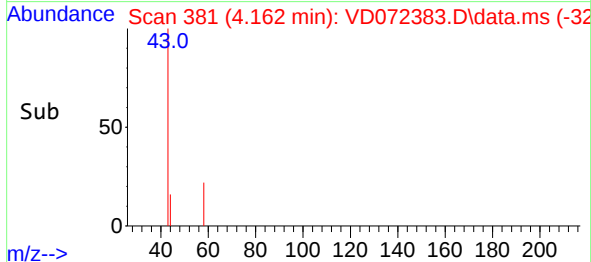
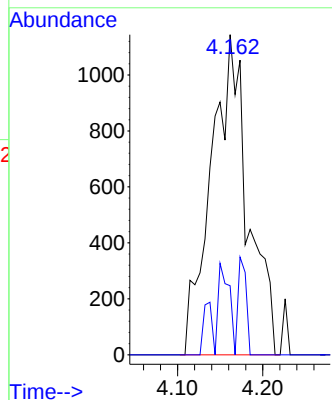
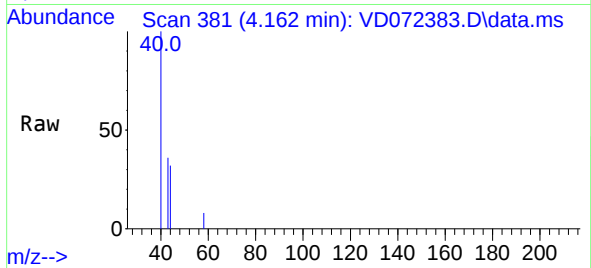




#16
Acetone
Concen: 3.815 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

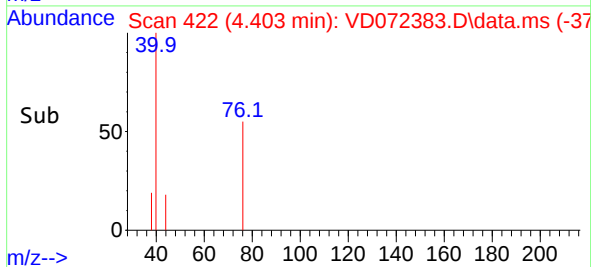
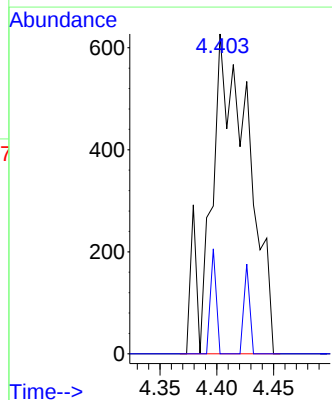
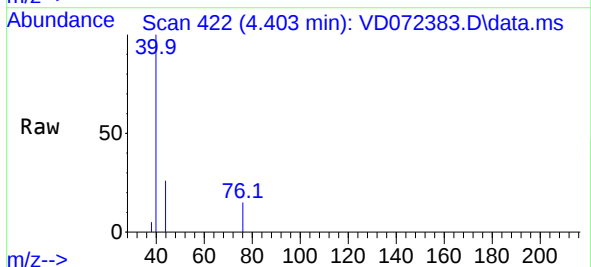
Instrument :
MSVOA_D
ClientSampleId :

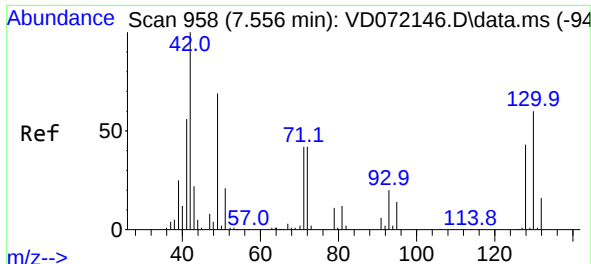
Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.678 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Tgt Ion: 76 Resp: 1464
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#29

Tetrahydrofuran

Concen: 1.022 ug/l

RT: 7.573 min Scan# 9

Delta R.T. 0.018 min

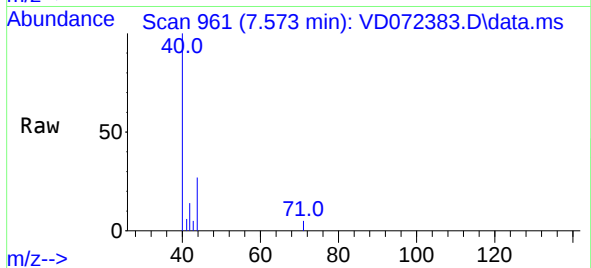
Lab File: VD072383.D

Acq: 23 Mar 2022 14:51

Instrument :

MSVOA_D

ClientSampleId :



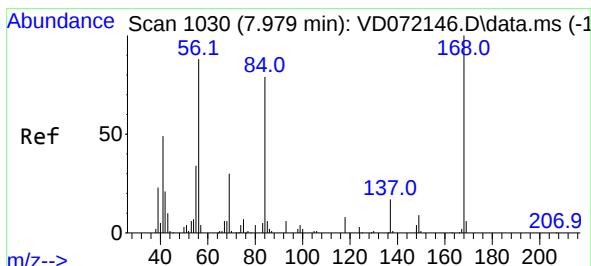
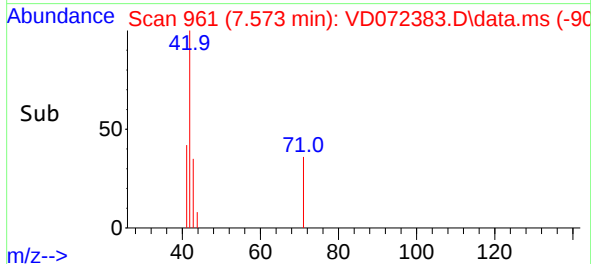
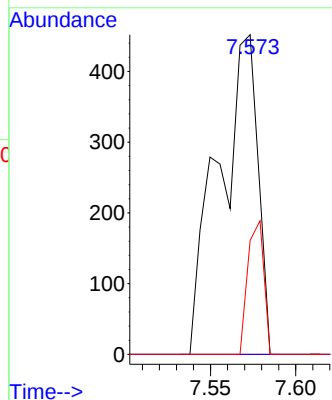
Tgt Ion: 42 Resp: 723

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 17.2 28.6 43.0#



#31

Cyclohexane

Concen: 1.339 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072383.D

Acq: 23 Mar 2022 14:51

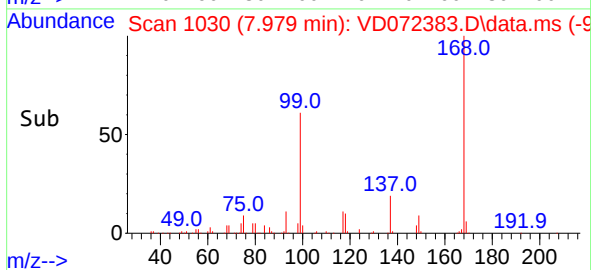
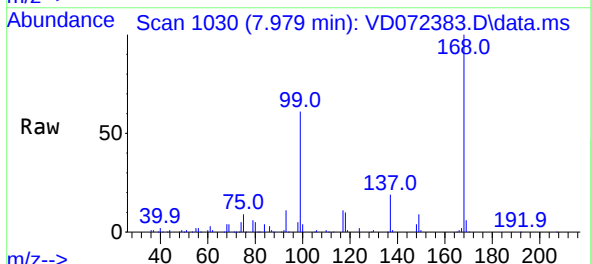
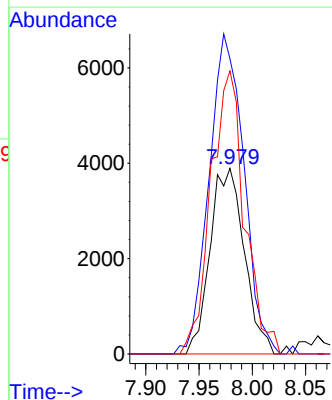
Tgt Ion: 56 Resp: 8689

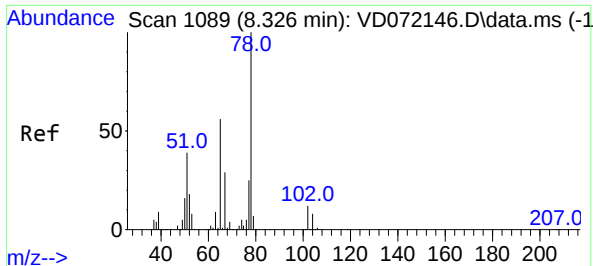
Ion Ratio Lower Upper

56 100

69 159.0 25.4 38.2#

84 152.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.326 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072383.D

Acq: 23 Mar 2022 14:51

Instrument :

MSVOA_D

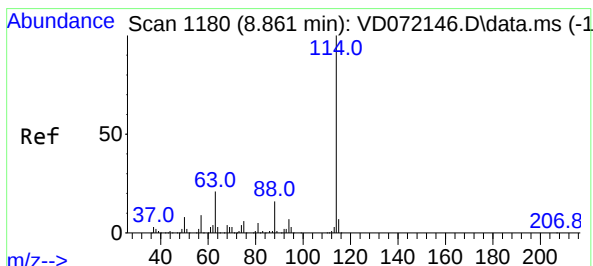
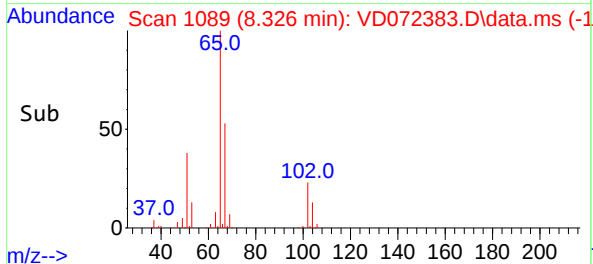
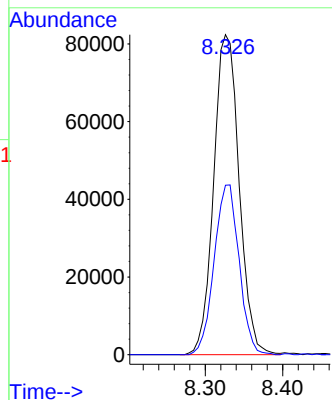
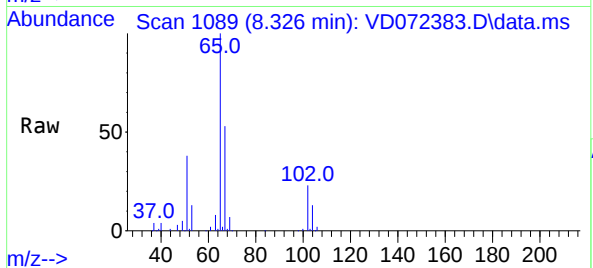
ClientSampleId :

Tgt Ion: 65 Resp: 188297

Ion Ratio Lower Upper

65 100

67 51.8 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: VD072383.D

Acq: 23 Mar 2022 14:51

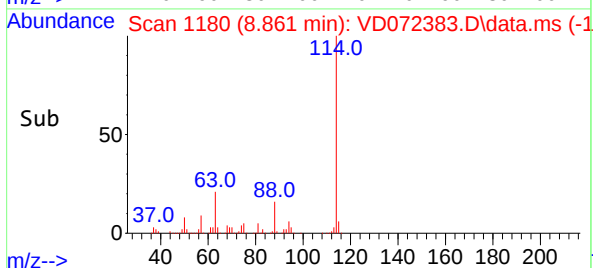
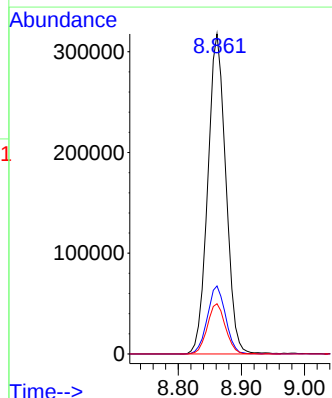
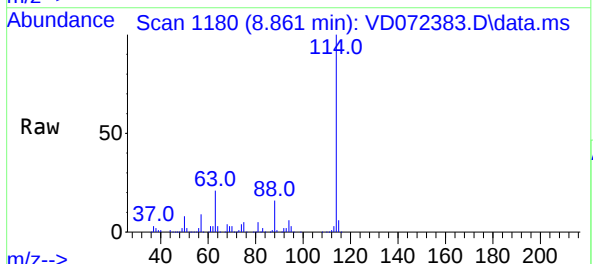
Tgt Ion: 114 Resp: 629787

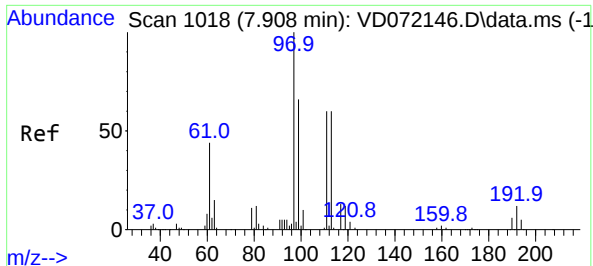
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

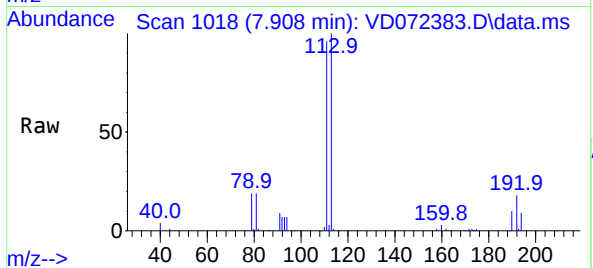
88 15.7 0.0 33.2



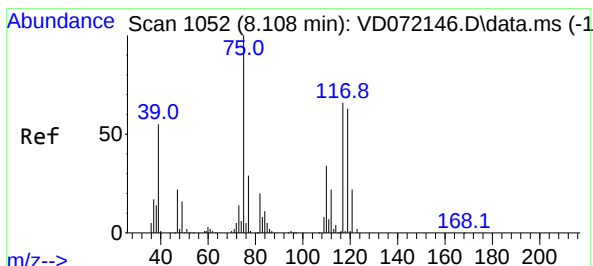
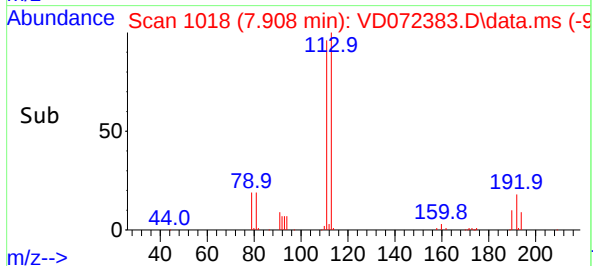
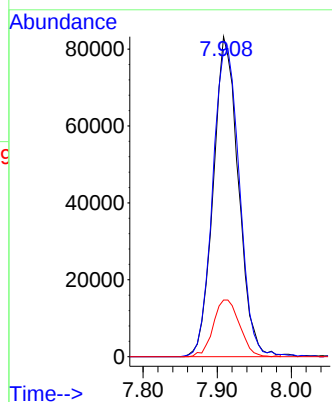


#35
Dibromofluoromethane
Concen: 44.144 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :

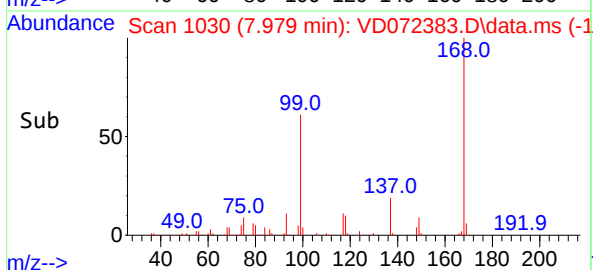
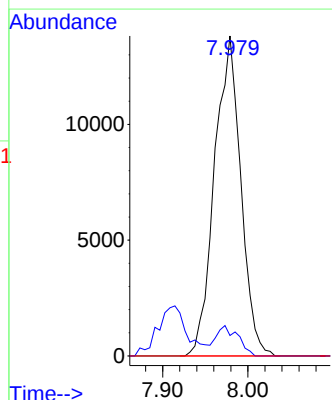
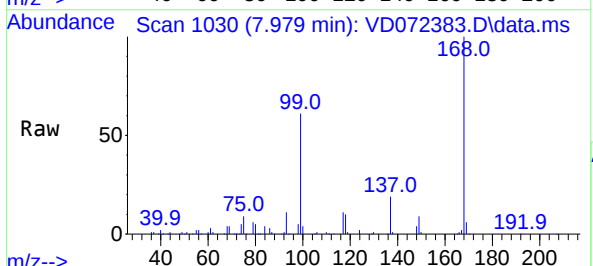


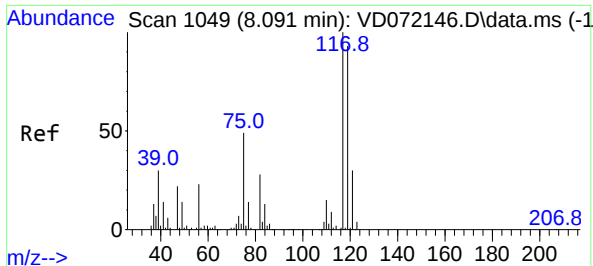
Tgt Ion:113 Resp: 195642
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

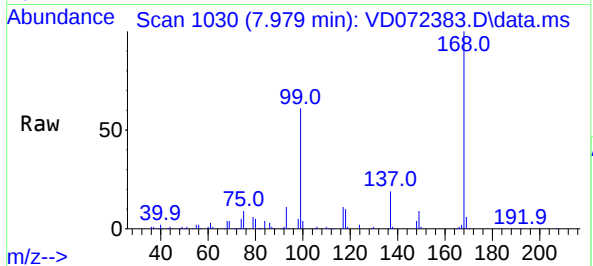
Tgt Ion: 75 Resp: 29646
Ion Ratio Lower Upper
75 100
110 7.7 16.4 49.1#
77 0.0 24.2 36.2#



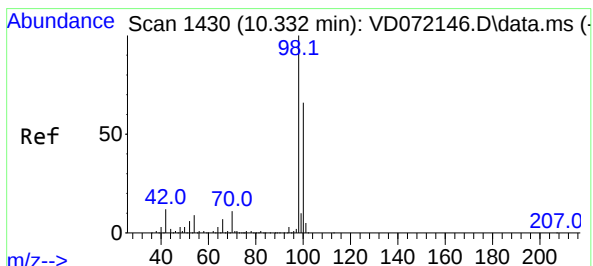
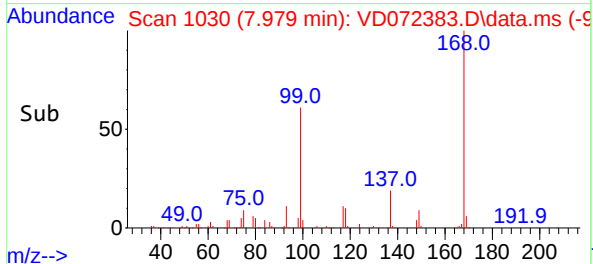
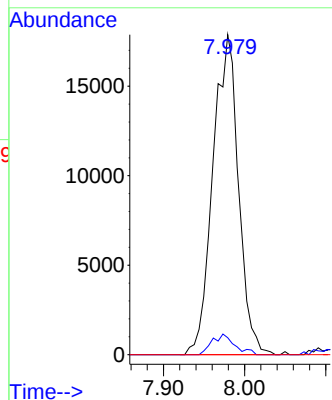


#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :

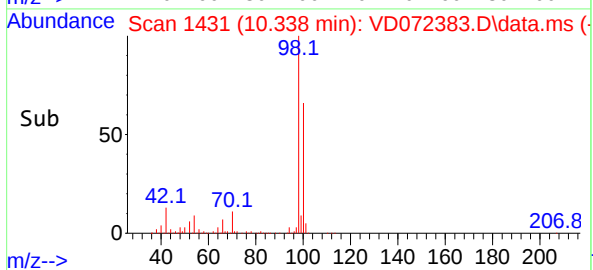
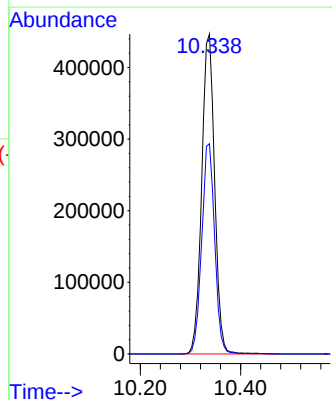
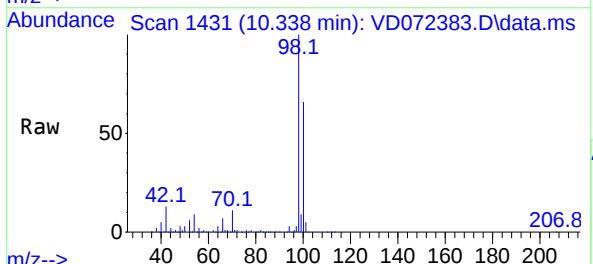


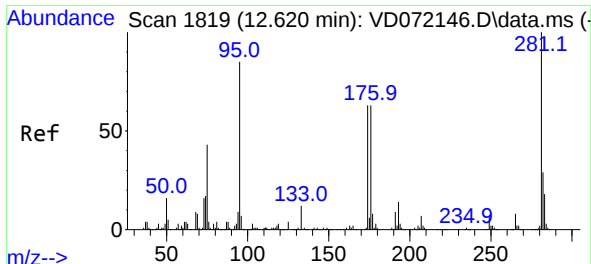
Tgt Ion:117 Resp: 39185
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.301 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Tgt Ion: 98 Resp: 798936
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

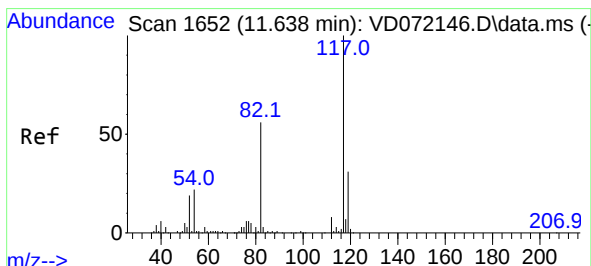
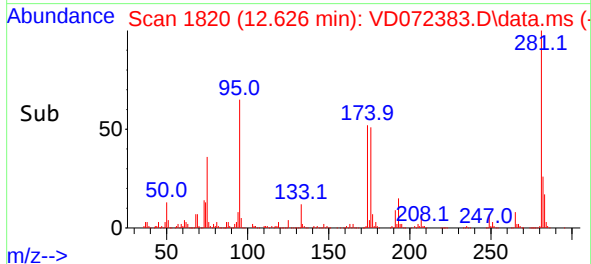
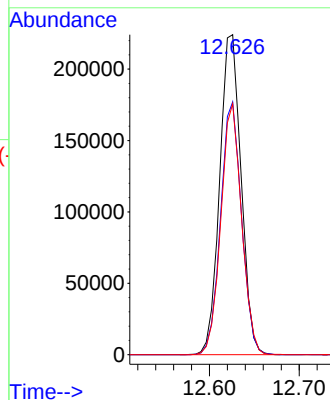
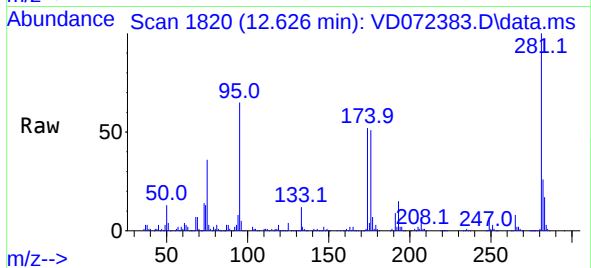




#62
4-Bromofluorobenzene
Concen: 58.966 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

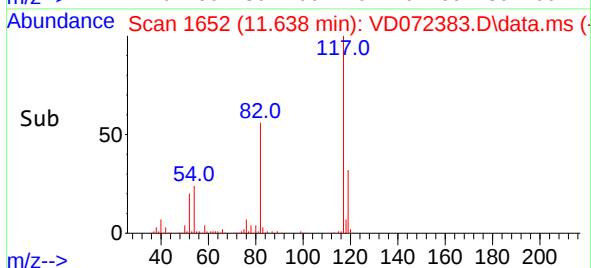
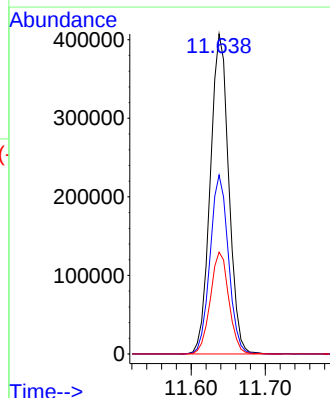
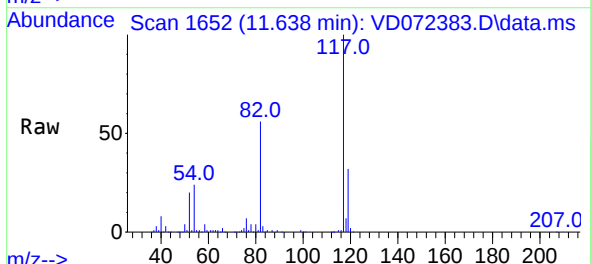
Instrument :
MSVOA_D
ClientSampleId :

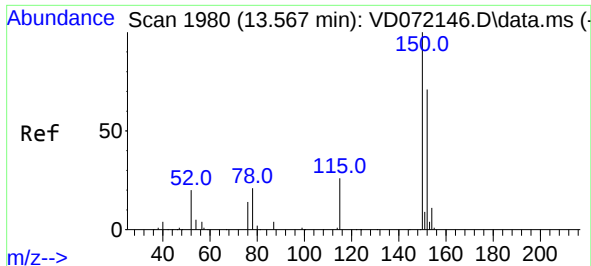
Tgt Ion: 95 Resp: 371284
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 75.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

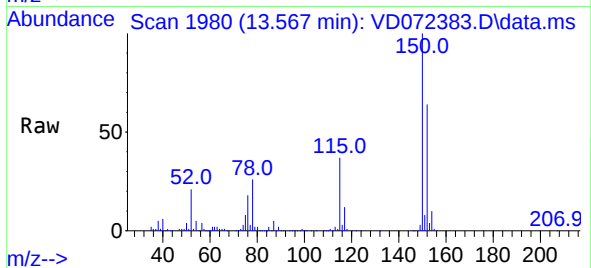
Tgt Ion: 117 Resp: 704424
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.8 26.6 40.0



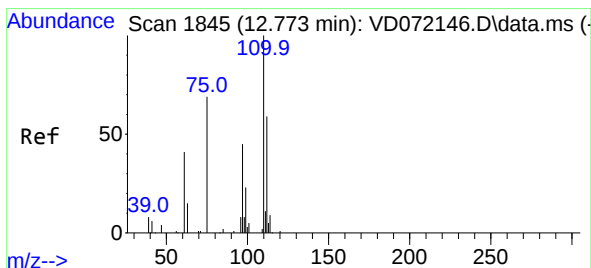
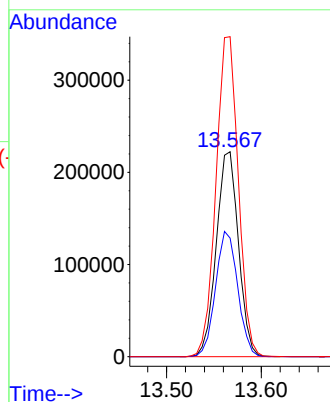
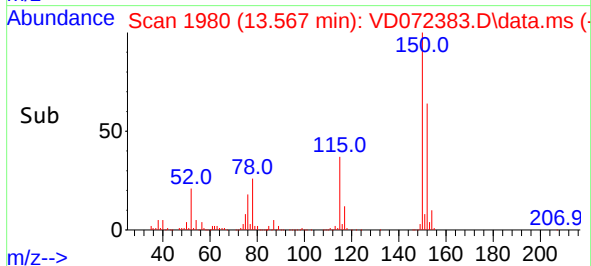


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072383.D
 Acq: 23 Mar 2022 14:51

Instrument :
 MSVOA_D
 ClientSampleId :

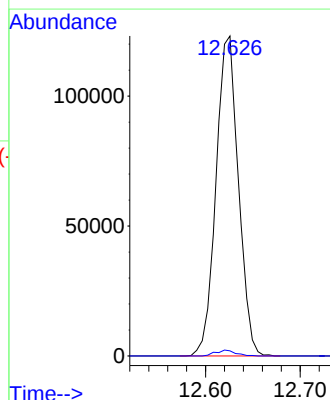
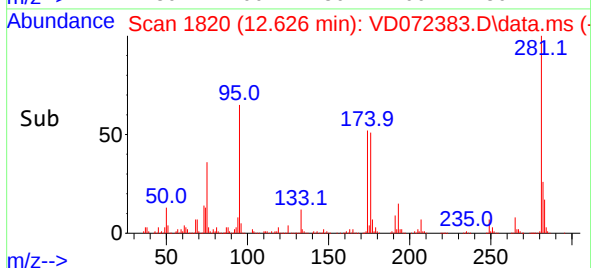
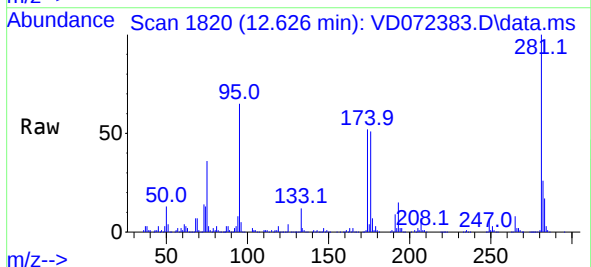


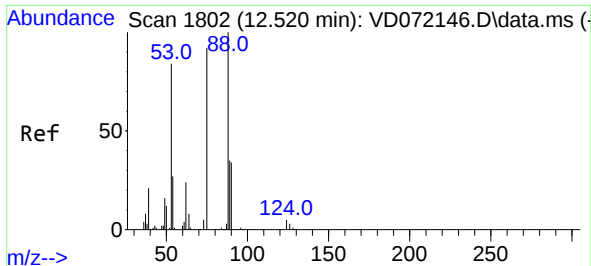
Tgt Ion:152 Resp: 361863
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.8
 150 157.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.699 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072383.D
 Acq: 23 Mar 2022 14:51

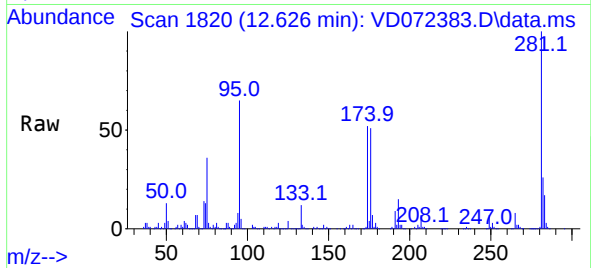
Tgt Ion: 75 Resp: 202373
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.789 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072383.D
 Acq: 23 Mar 2022 14:51

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 202373

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.5	129.7#
89	2.2	33.9	50.9#

