

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073781.D
 Acq On : 05 Jul 2022 18:35
 Operator : VA/SY
 Sample : N3562-13
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D62922

Quant Time: Jul 06 02:52:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

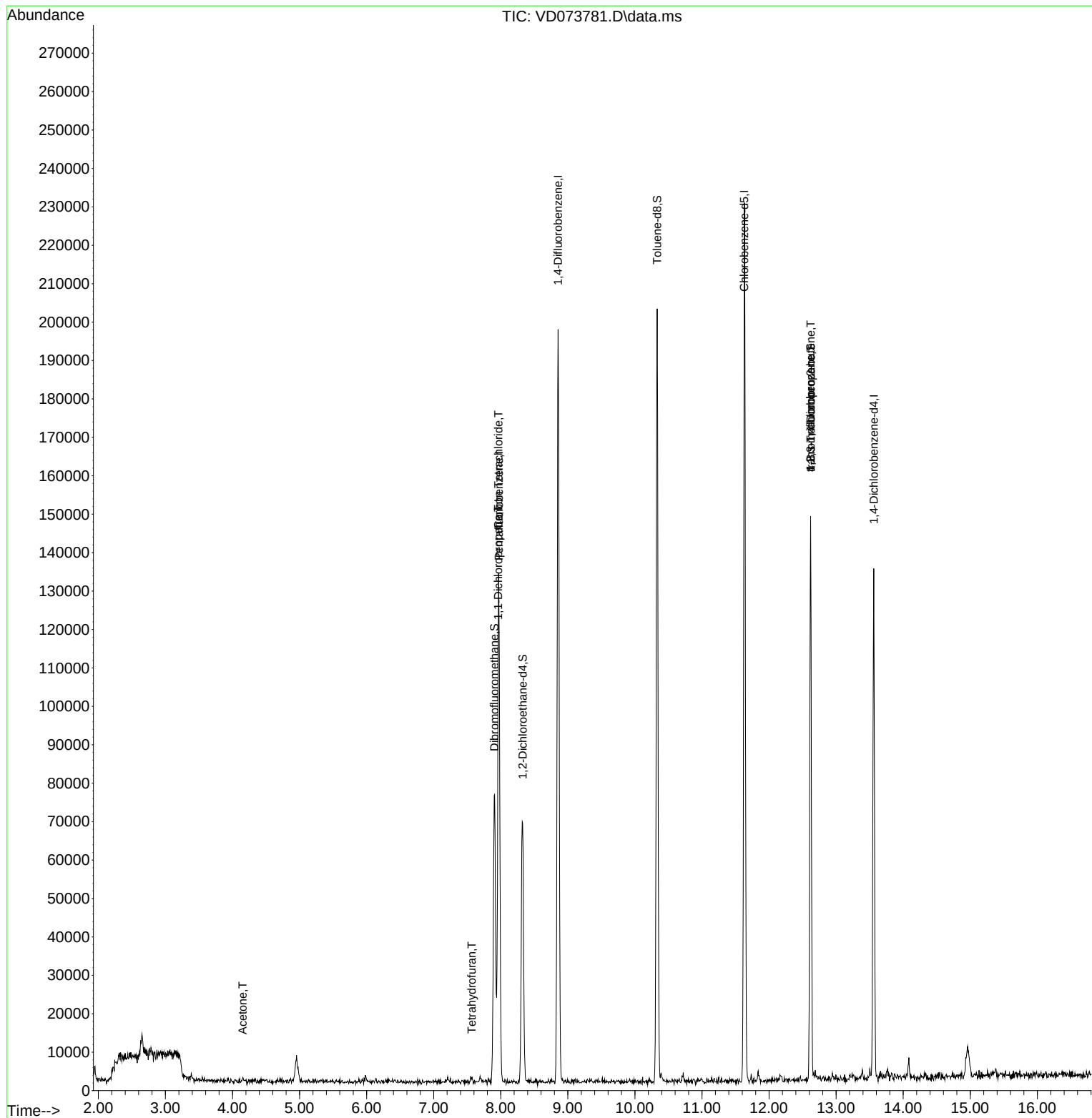
Internal Standards						
1) Pentafluorobenzene	7.973	168	84724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	163068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	121297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55901	67.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.260%	
35) Dibromofluoromethane	7.902	113	52573	59.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.700%	
50) Toluene-d8	10.332	98	132644	40.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 81.640%#	
62) 4-Bromofluorobenzene	12.620	95	43141	33.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 67.320%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	849	Below Cal	#	72
16) Acetone	4.150	43	1611	9.368	ug/l #	43
18) Methyl Acetate	4.714	43	125	Below Cal	#	50
29) Tetrahydrofuran	7.567	42	428	2.398	ug/l #	74
31) Cyclohexane	7.973	56	2952	Below Cal	#	36
36) 1,1-Dichloropropene	7.961	75	8351	6.790	ug/l #	48
38) Carbon Tetrachloride	7.967	117	10814	8.189	ug/l #	14
76) 1,2,3-Trichloropropane	12.620	75	23719	78.917	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	23719	152.241	ug/l #	11

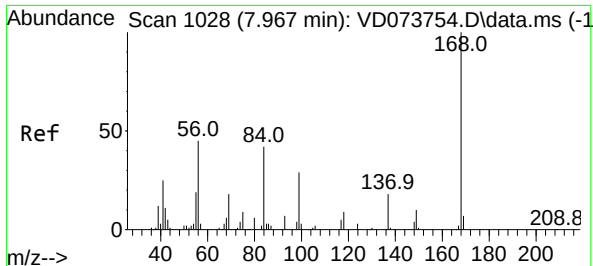
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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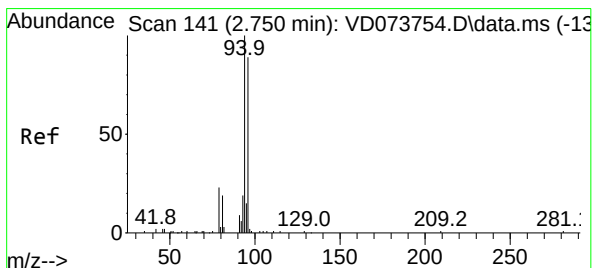
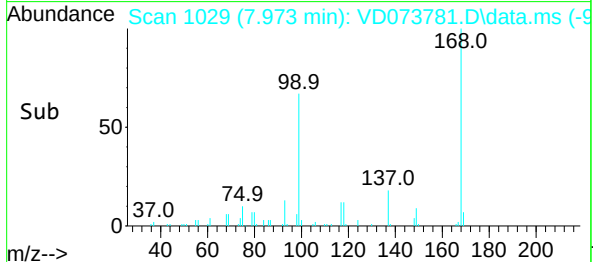
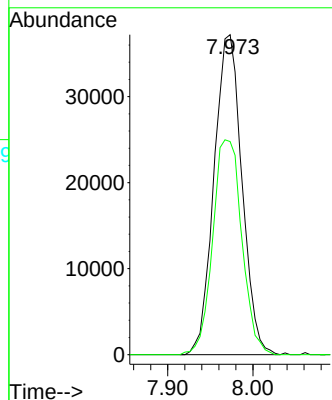
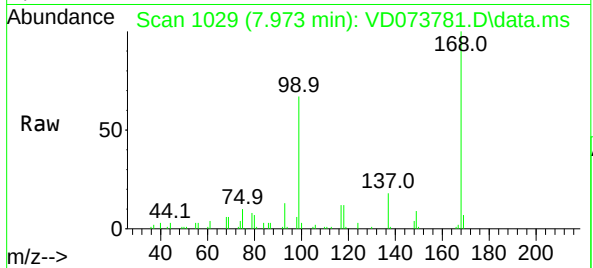




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

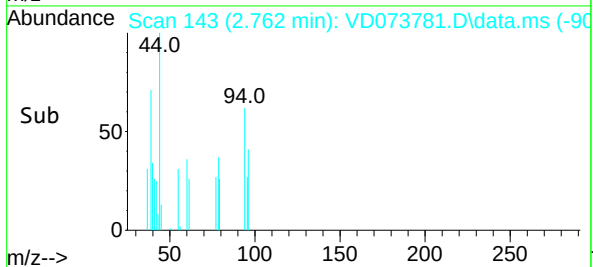
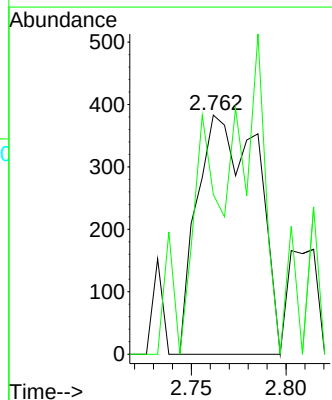
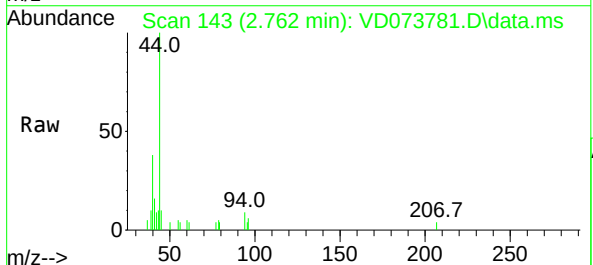
Instrument :
MSVOA_D
ClientSampleId :
D62922

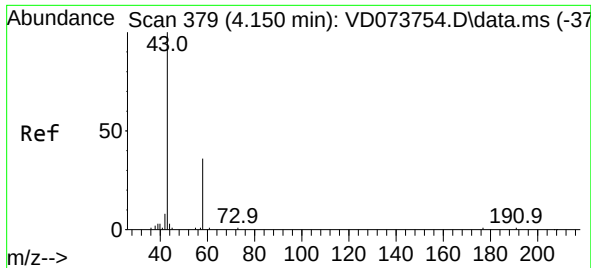
Tgt Ion:168 Resp: 84724
Ion Ratio Lower Upper
168 100
99 66.6 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. 0.012 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Tgt Ion: 94 Resp: 849
Ion Ratio Lower Upper
94 100
96 66.8 75.1 112.7#

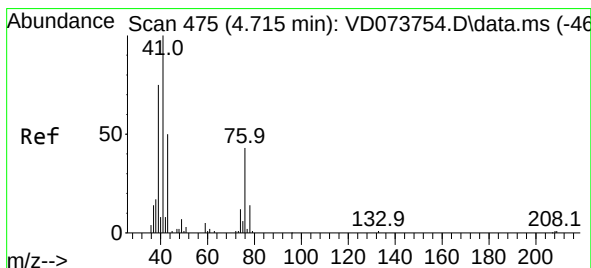
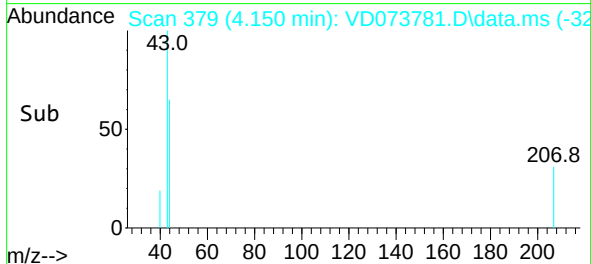
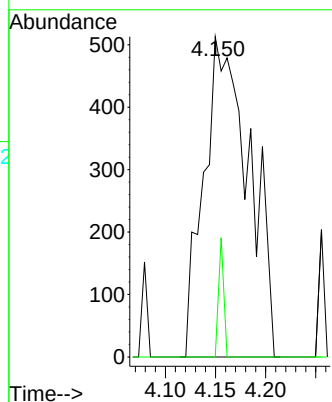
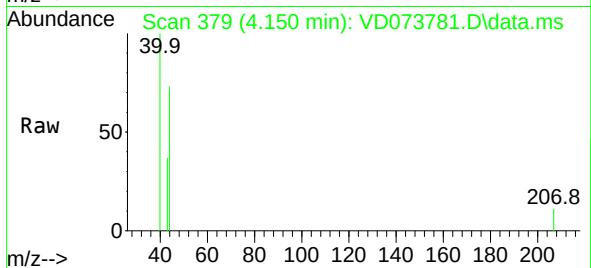




#16
Acetone
Concen: 9.368 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

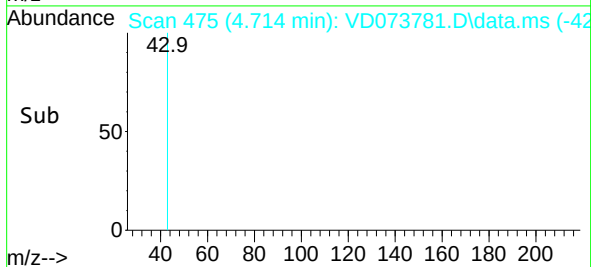
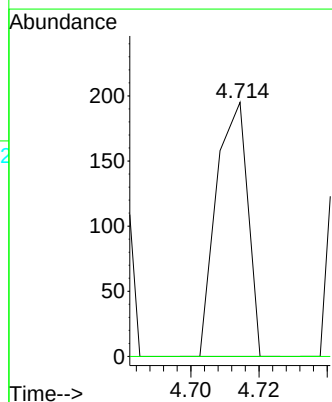
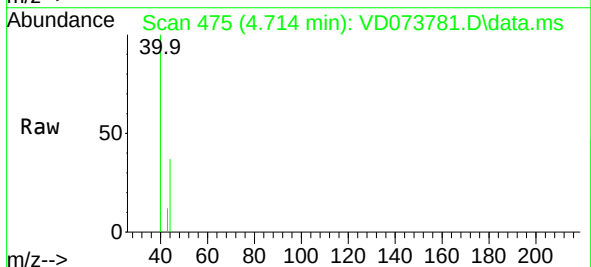
Instrument :
MSVOA_D
ClientSampleId :
D62922

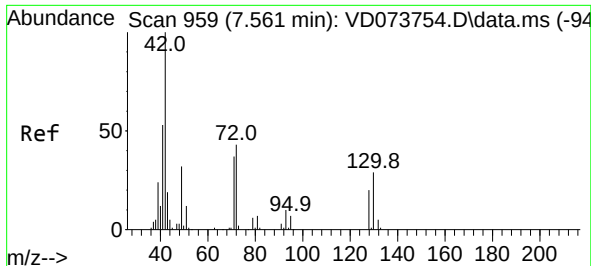
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#

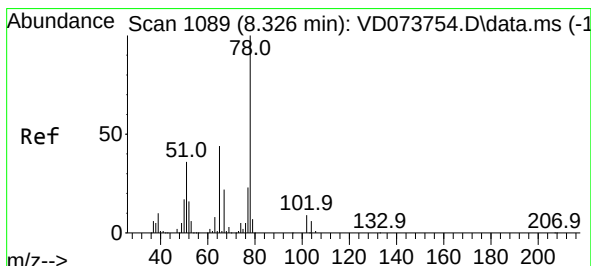
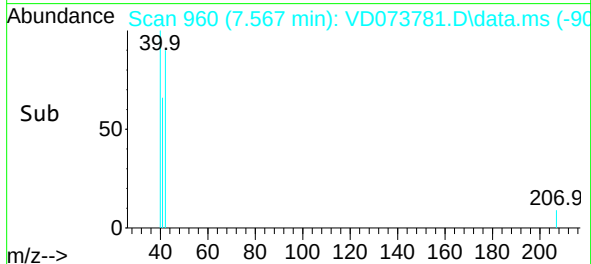
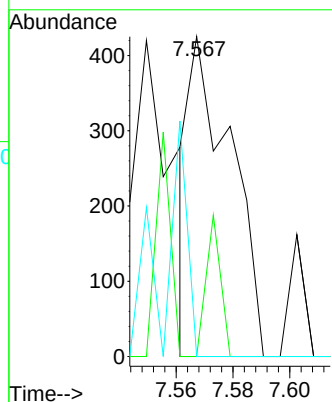
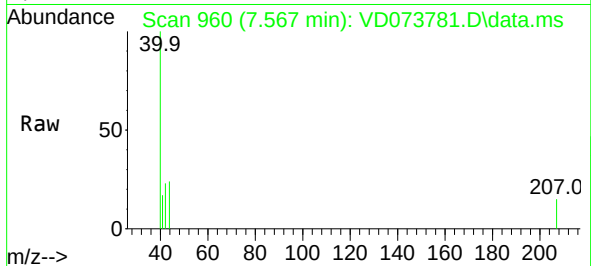




#29
Tetrahydrofuran
Concen: 2.398 ug/l
RT: 7.567 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

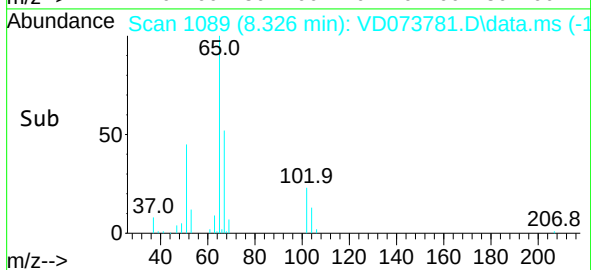
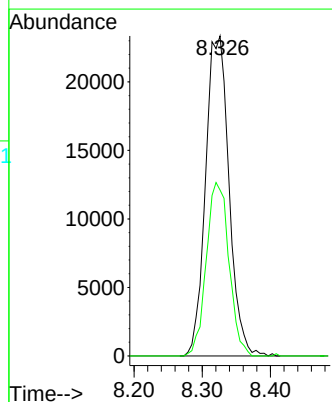
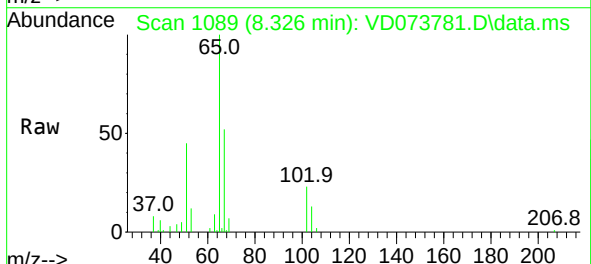
Instrument :
MSVOA_D
ClientSampleId :
D62922

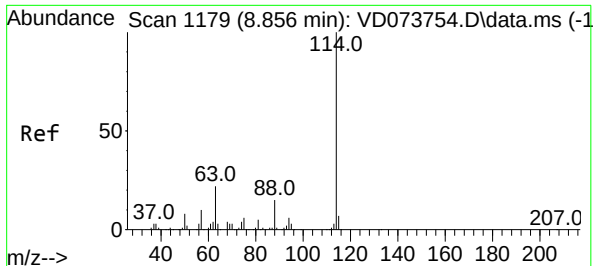
Tgt Ion: 42 Resp: 428
Ion Ratio Lower Upper
42 100
72 15.4 37.8 56.6#
71 42.1 35.5 53.3



#33
1,2-Dichloroethane-d4
Concen: 67.635 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Tgt Ion: 65 Resp: 55901
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073781.D

Acq: 05 Jul 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

D62922

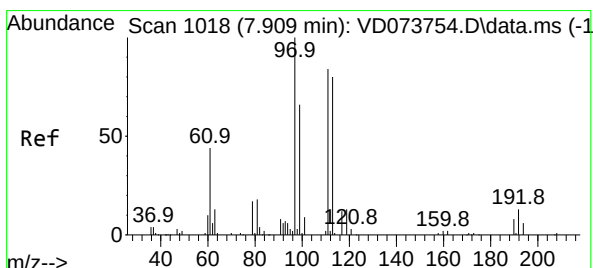
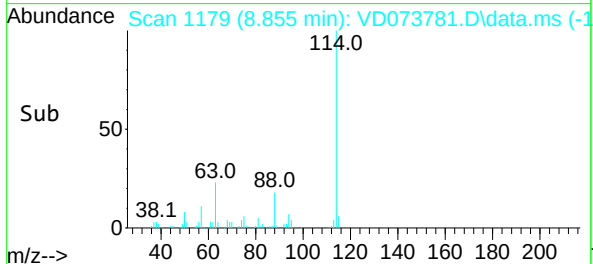
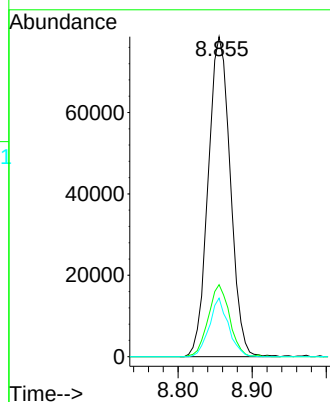
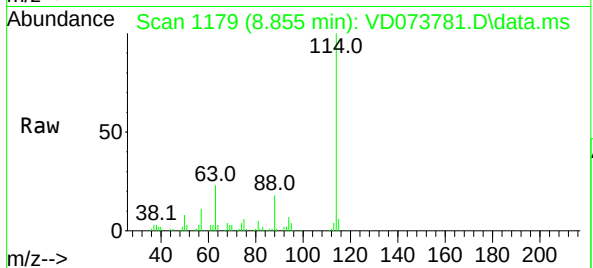
Tgt Ion:114 Resp: 163068

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.2

88 18.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 59.347 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073781.D

Acq: 05 Jul 2022 18:35

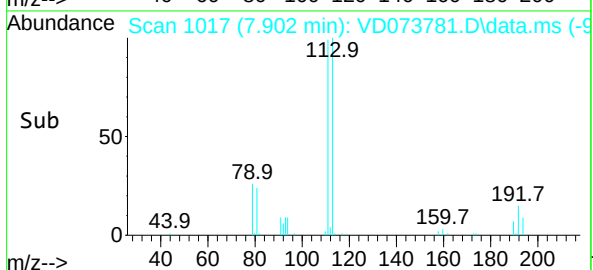
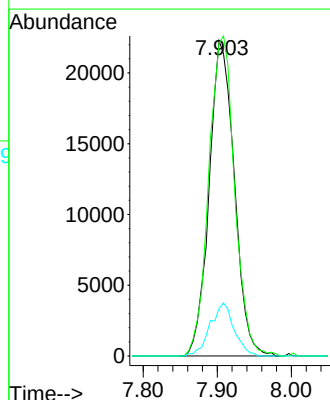
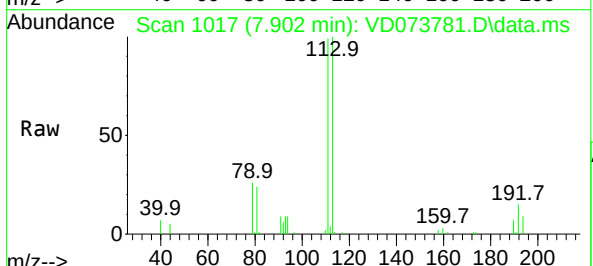
Tgt Ion:113 Resp: 52573

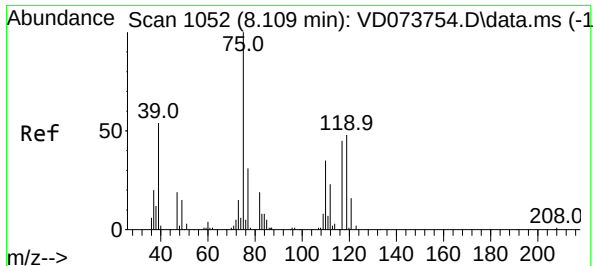
Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

192 15.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 6.790 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.147 min

Lab File: VD073781.D

Acq: 05 Jul 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

D62922

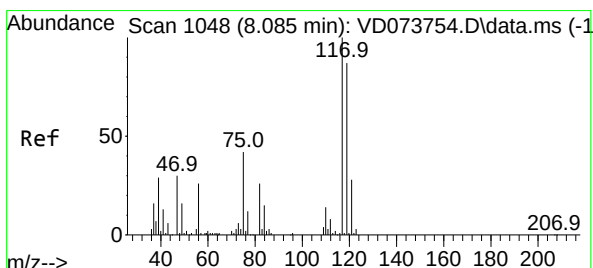
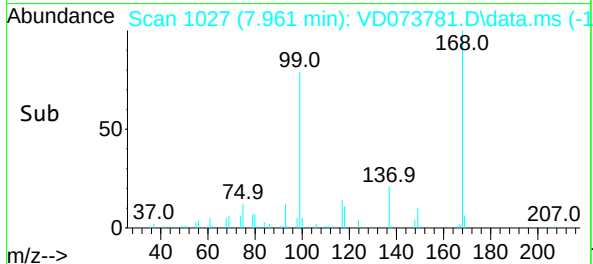
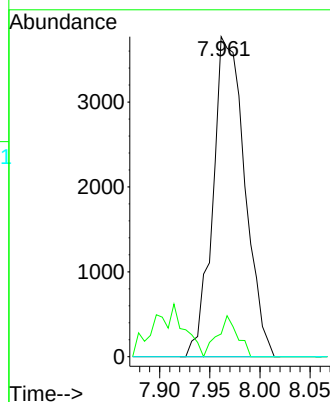
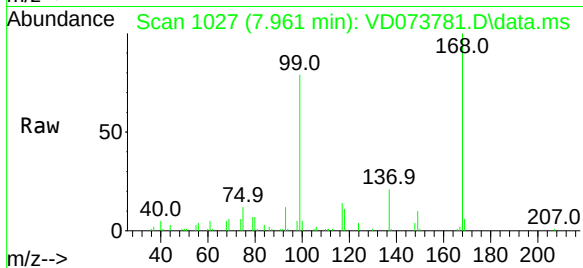
Tgt Ion: 75 Resp: 8351

Ion Ratio Lower Upper

75 100

110 8.0 18.0 54.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 8.189 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.118 min

Lab File: VD073781.D

Acq: 05 Jul 2022 18:35

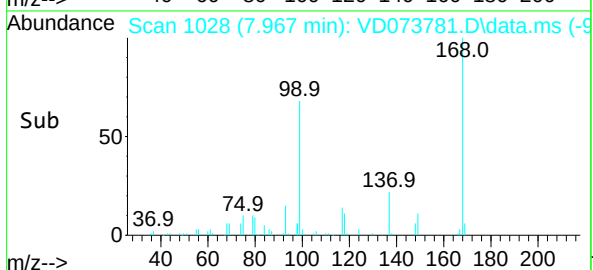
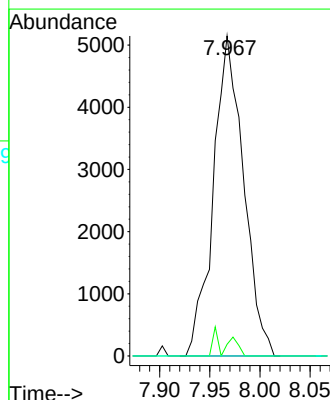
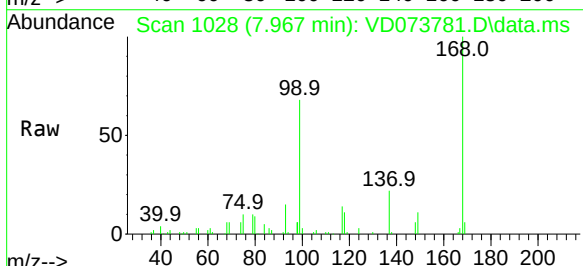
Tgt Ion: 117 Resp: 10814

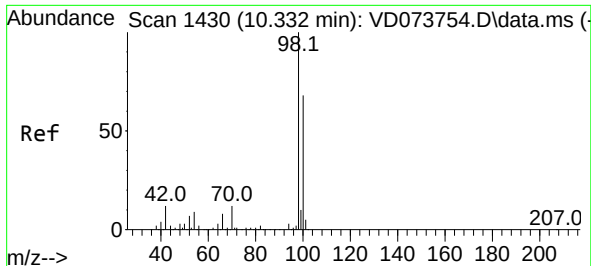
Ion Ratio Lower Upper

117 100

119 3.7 79.2 118.8#

121 0.0 23.8 35.8#

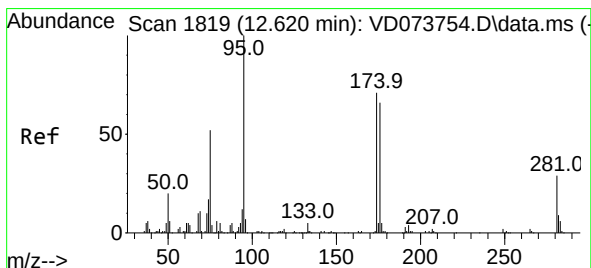
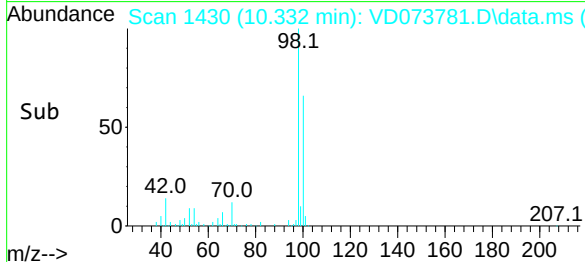
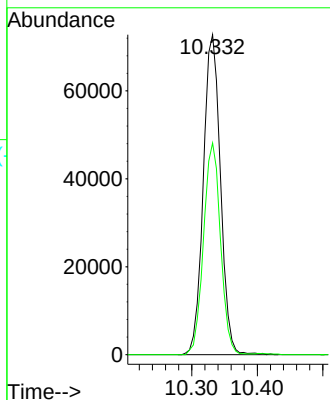
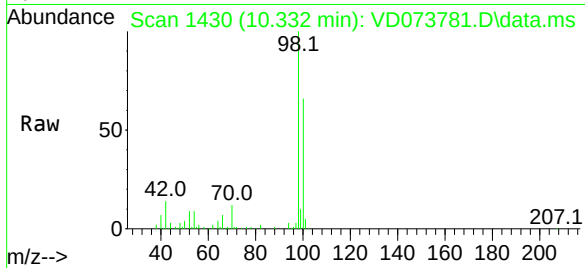




#50
Toluene-d8
Concen: 40.820 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

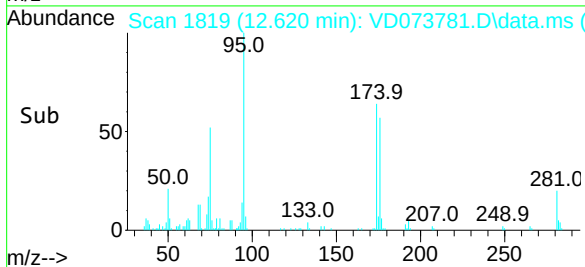
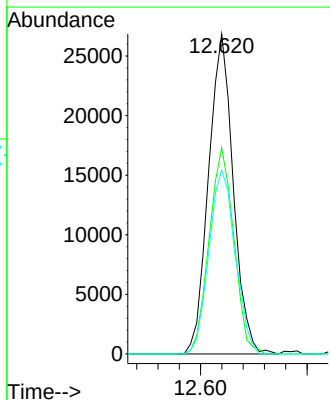
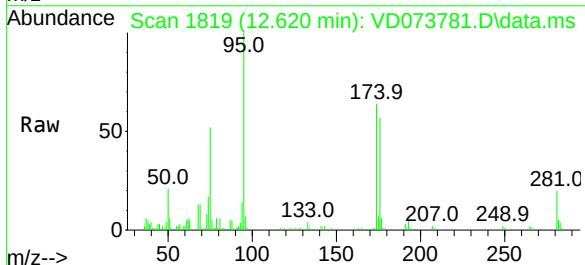
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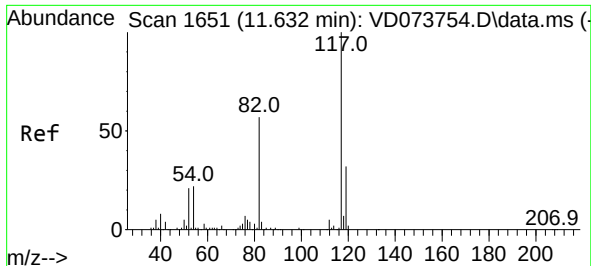
Tgt Ion: 98 Resp: 132644
Ion Ratio Lower Upper
98 100
100 65.4 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 33.660 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Tgt Ion: 95 Resp: 43141
Ion Ratio Lower Upper
95 100
174 64.3 0.0 158.4
176 61.0 0.0 154.8

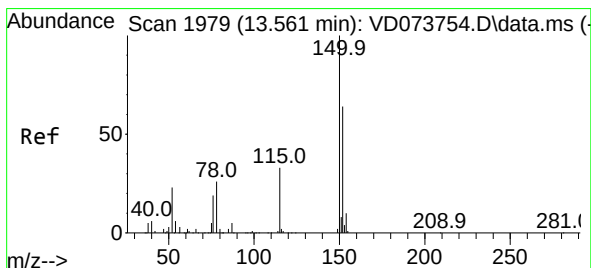
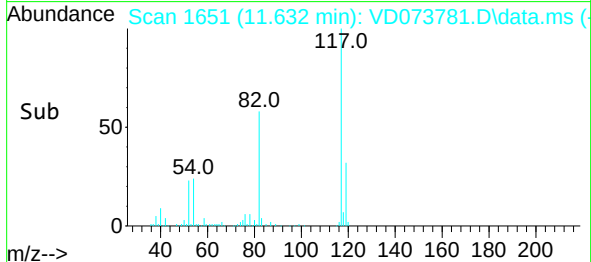
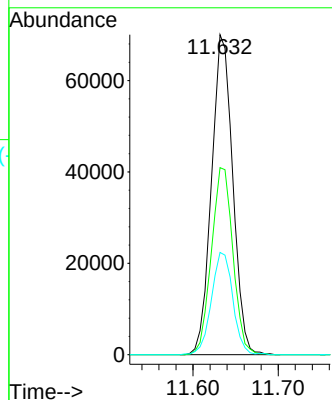
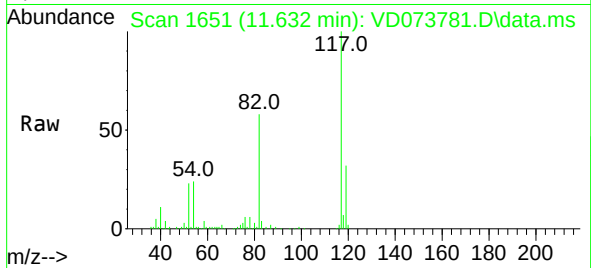




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

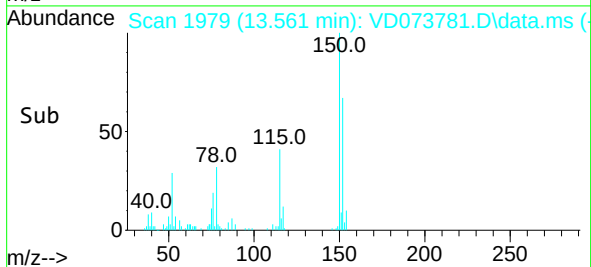
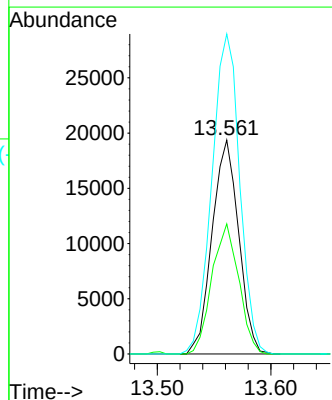
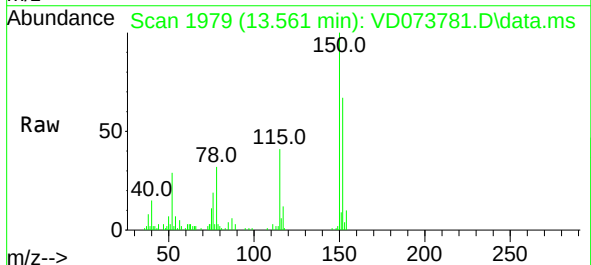
Instrument :
MSVOA_D
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D62922

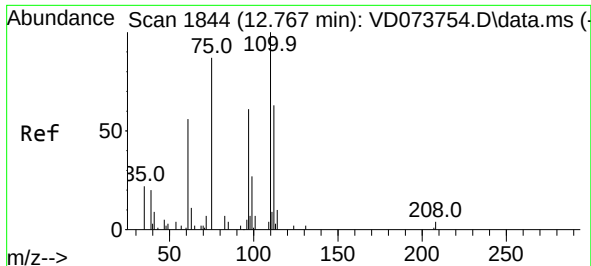
Tgt Ion:117 Resp: 121297
Ion Ratio Lower Upper
117 100
82 58.5 41.5 62.3
119 31.9 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Tgt Ion:152 Resp: 31450
Ion Ratio Lower Upper
152 100
115 61.6 30.6 91.6
150 156.7 0.0 355.0

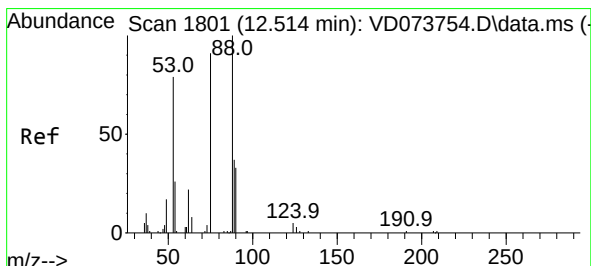
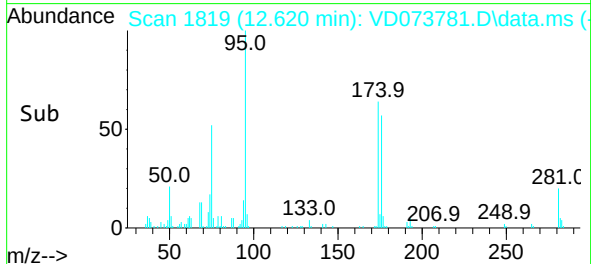
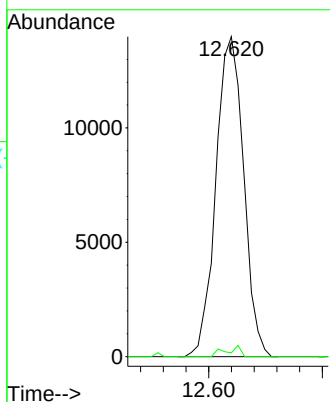
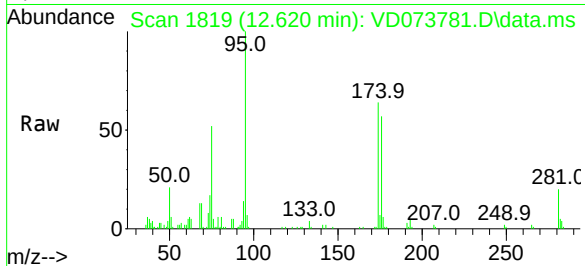




#76
1,2,3-Trichloropropane
Concen: 78.917 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
D62922

Tgt Ion: 75 Resp: 23719
Ion Ratio Lower Upper
75 100
77 1.8 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 152.241 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073781.D
Acq: 05 Jul 2022 18:35

Tgt Ion: 75 Resp: 23719
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.2 37.8 56.8#

