

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075679 .D
 Acq On : 14 Apr 2023 14:57
 Operator : KP/SY
 Sample : 02307-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

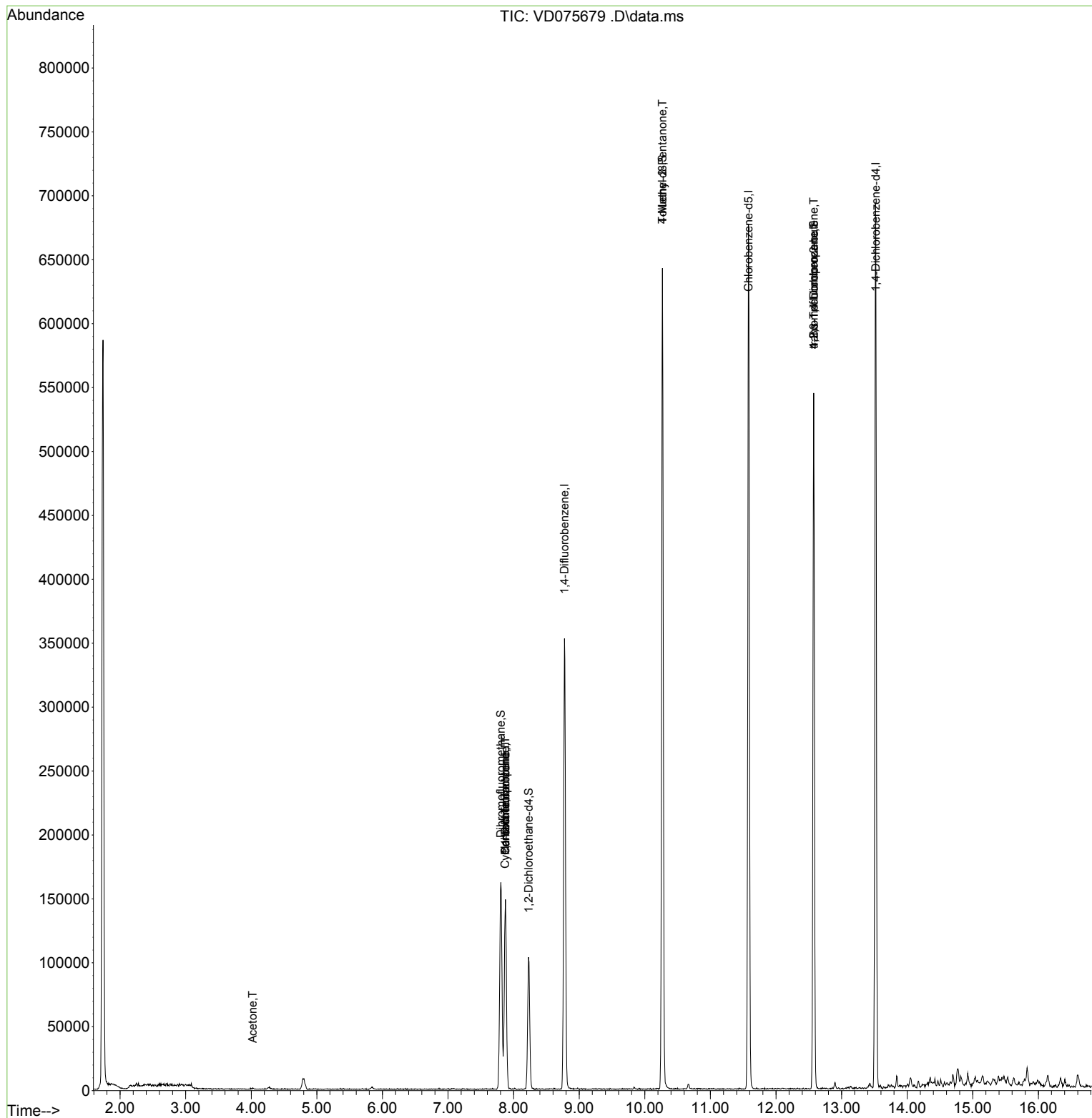
Internal Standards						
1) Pentafluorobenzene	7.875	168	122426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	421685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	198907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78626	67.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.320%	
35) Dibromofluoromethane	7.805	113	124496	55.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.660%	
50) Toluene-d8	10.269	98	468776	52.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.575	95	167280	69.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 139.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1244	5.843	ug/l #	84
31) Cyclohexane	7.869	56	2254	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9502	3.061	ug/l #	49
38) Carbon Tetrachloride	7.875	117	11561	4.229	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	1148	1.250	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	83439	51.440	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	83439	111.491	ug/l #	5

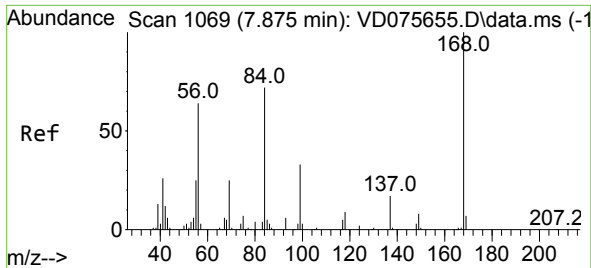
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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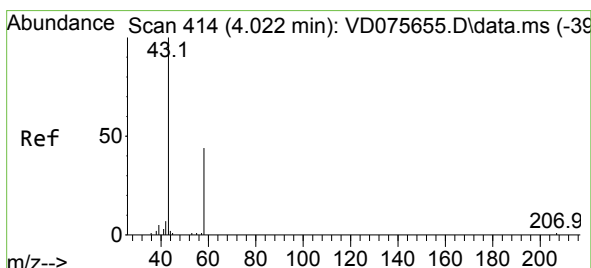
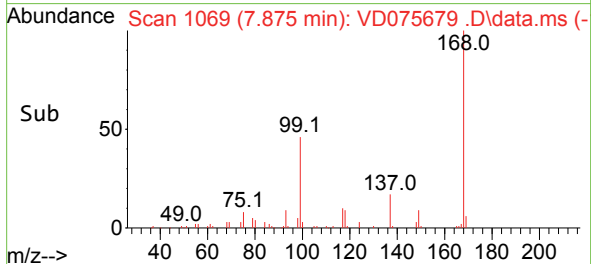
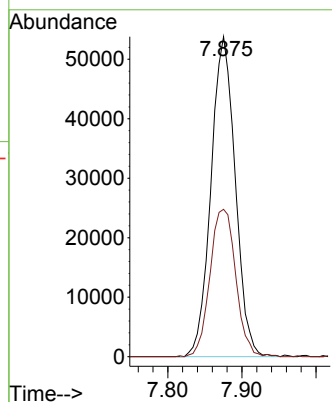
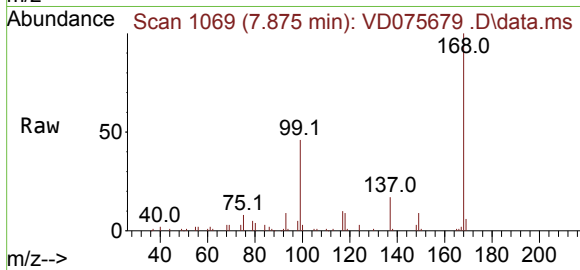




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

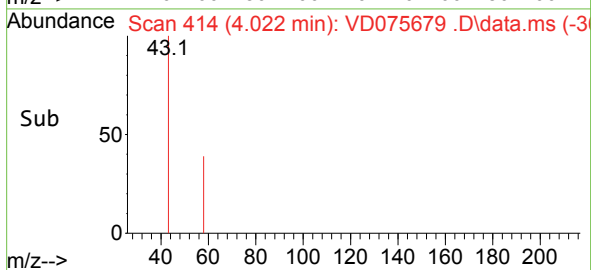
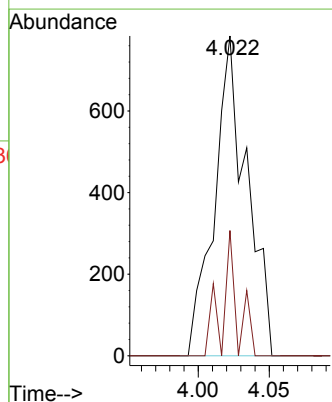
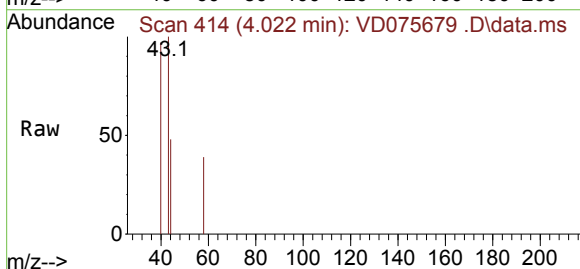
Instrument :
MSVOA_D
ClientSampleId :

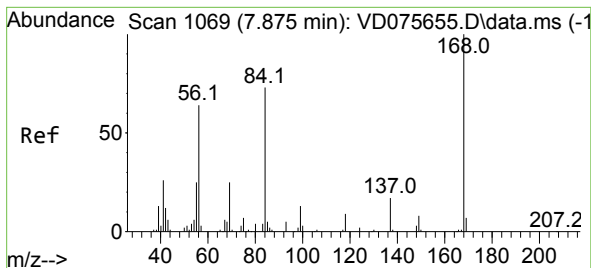
Tgt Ion:168 Resp: 122426
Ion Ratio Lower Upper
168 100
99 46.1 43.8 65.6



#16
Acetone
Concen: 5.843 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 39.2 24.4 36.6#





#31

Cyclohexane

Concen: 1.236 ug/l

RT: 7.869 min Scan# 1109

Delta R.T. -0.006 min

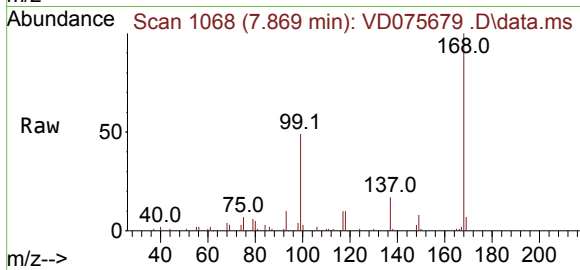
Lab File: VD075679.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :



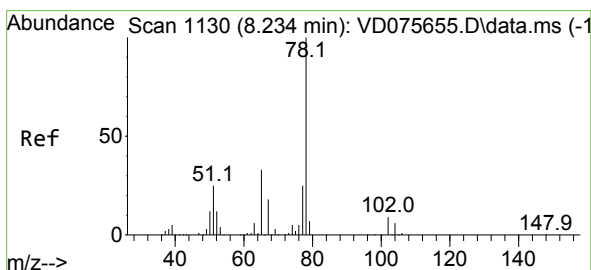
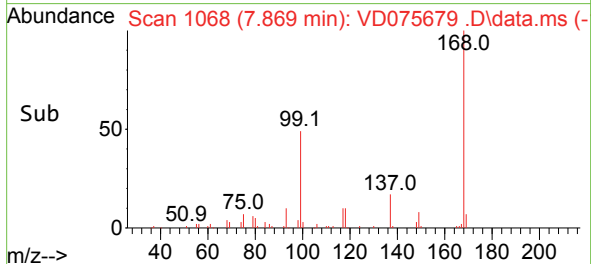
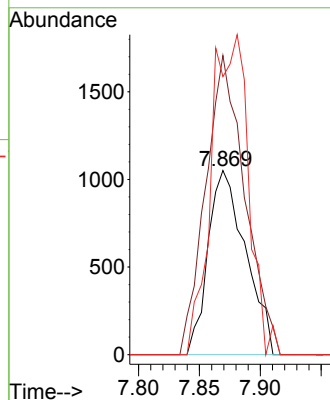
Tgt Ion: 56 Resp: 2254

Ion Ratio Lower Upper

56 100

69 162.4 25.5 38.3#

84 151.0 69.6 104.4#



#33

1,2-Dichloroethane-d4

Concen: 67.661 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075679.D

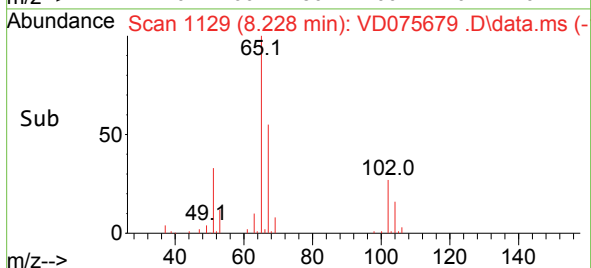
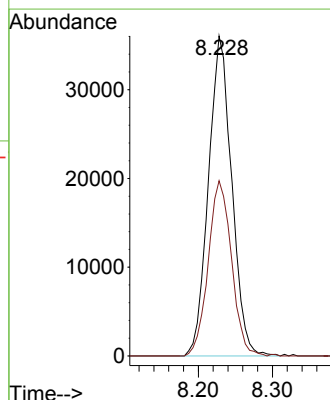
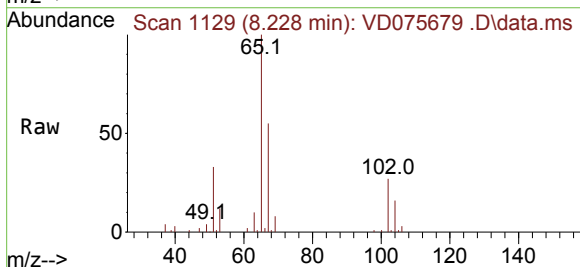
Acq: 14 Apr 2023 14:57

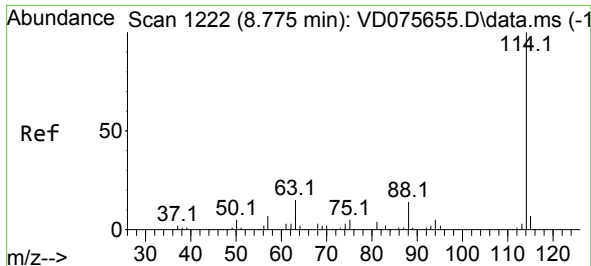
Tgt Ion: 65 Resp: 78626

Ion Ratio Lower Upper

65 100

67 54.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075679 .D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

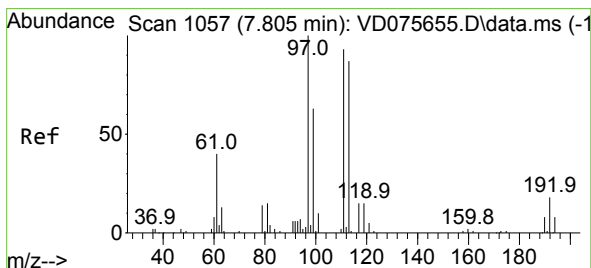
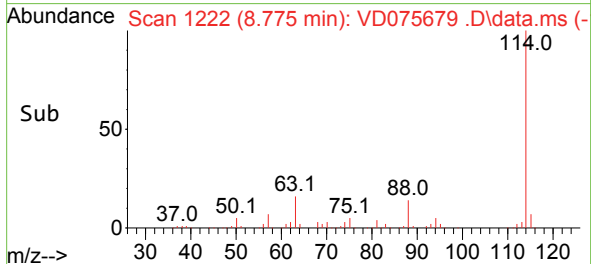
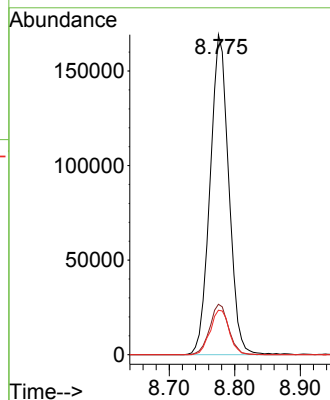
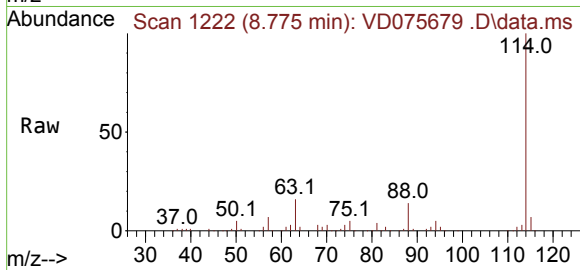
Tgt Ion:114 Resp: 334523

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.332 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075679 .D

Acq: 14 Apr 2023 14:57

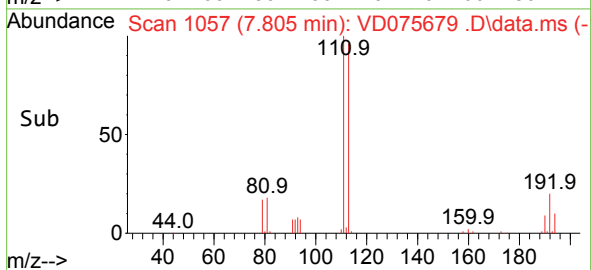
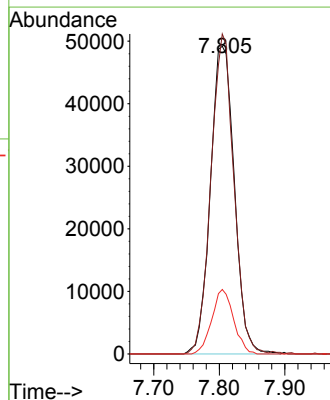
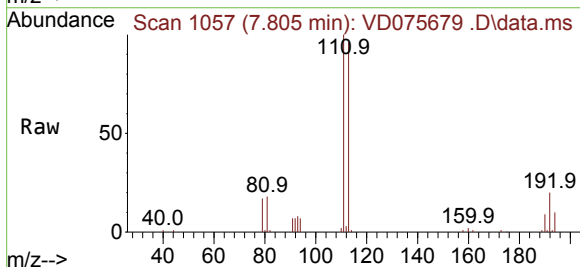
Tgt Ion:113 Resp: 124496

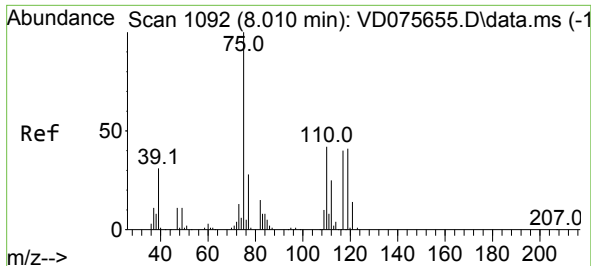
Ion Ratio Lower Upper

113 100

111 99.2 81.4 122.0

192 19.1 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.061 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

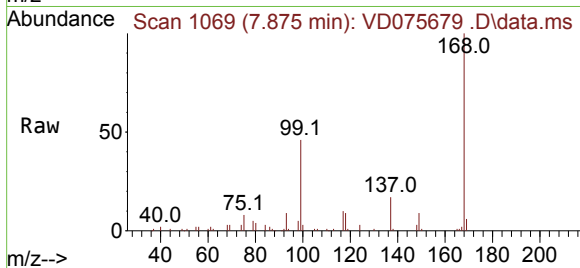
Lab File: VD075679.D

Acq: 14 Apr 2023 14:57

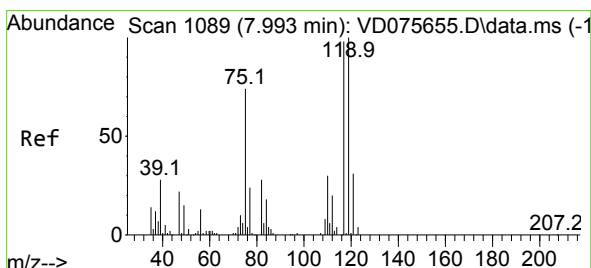
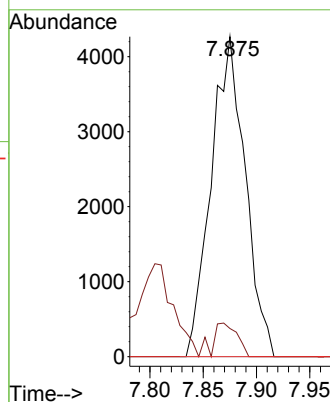
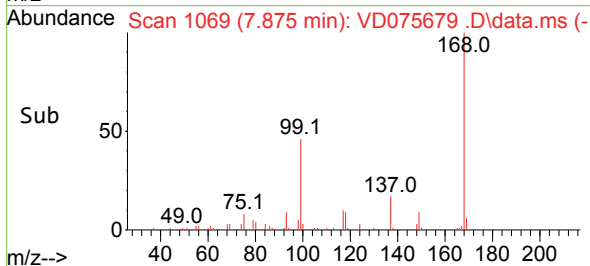
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 9502
Ion Ratio	Lower Upper
75	100
110	7.5 17.1 51.2#
77	0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.229 ug/l

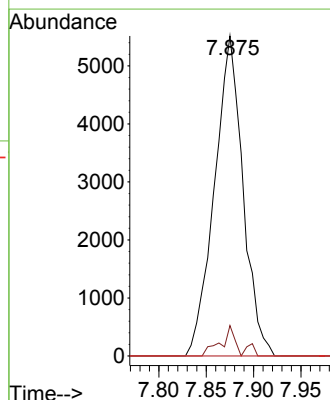
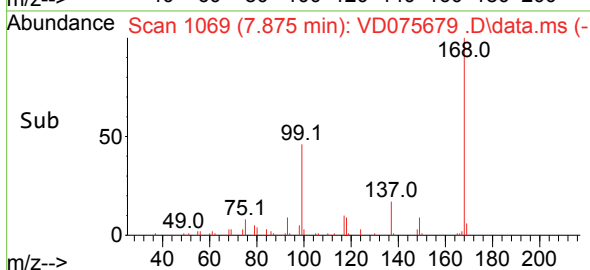
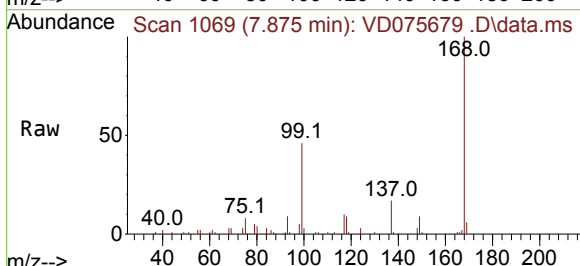
RT: 7.875 min Scan# 1069

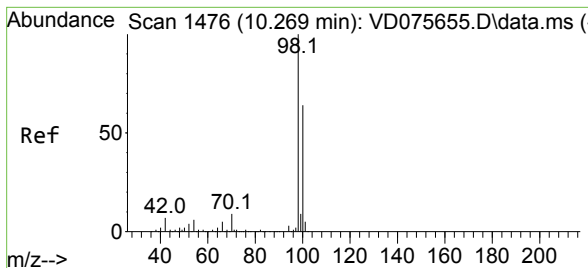
Delta R.T. -0.118 min

Lab File: VD075679.D

Acq: 14 Apr 2023 14:57

Tgt Ion: 117	Resp: 11561
Ion Ratio	Lower Upper
117	100
119	9.5 74.7 112.1#
121	0.0 25.9 38.9#

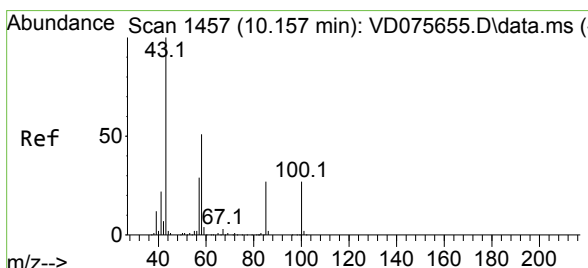
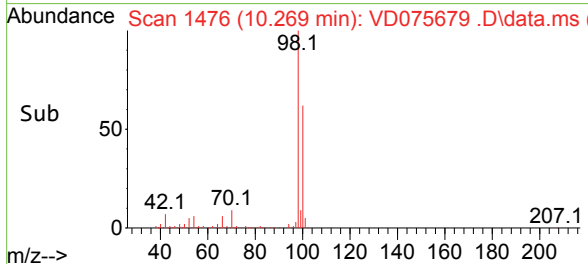
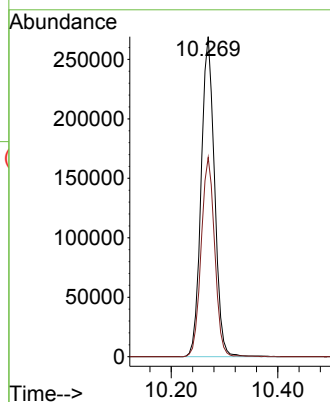
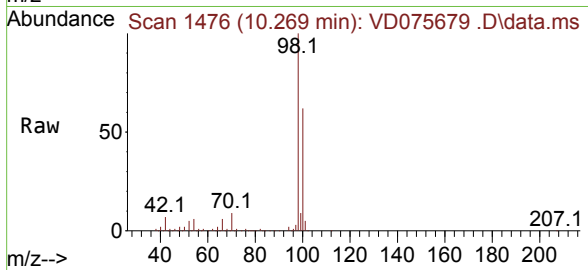




#50
Toluene-d8
Concen: 52.027 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

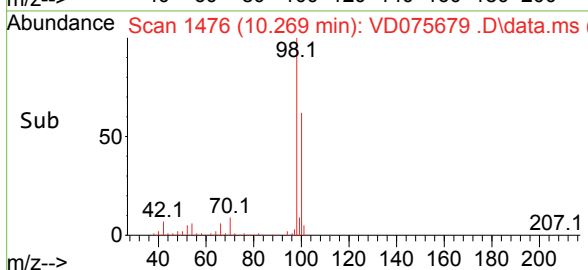
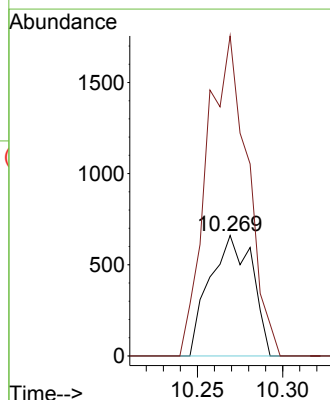
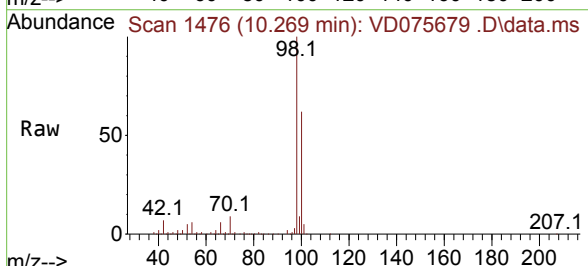
Instrument :
MSVOA_D
ClientSampleId :

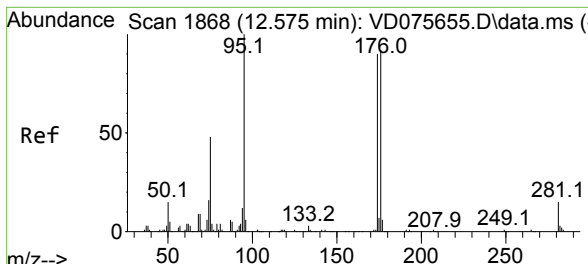
Tgt Ion: 98 Resp: 468776
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.250 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 254.1 29.5 44.3#

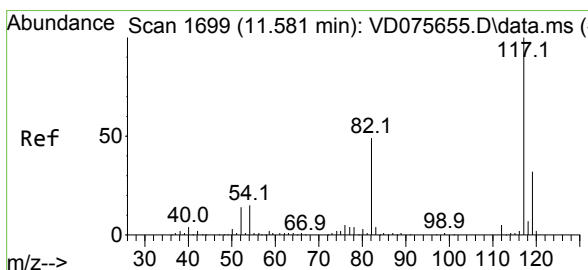
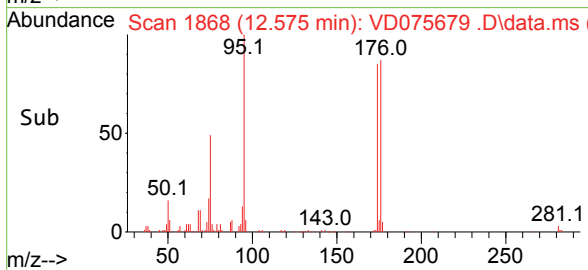
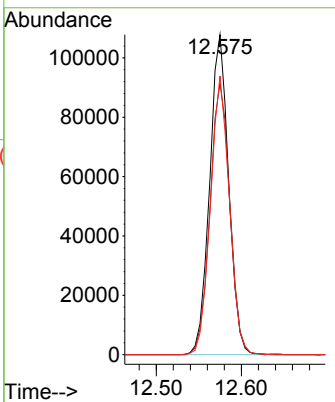
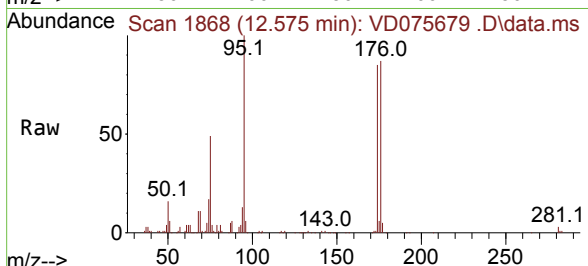




#62
 4-Bromofluorobenzene
 Concen: 69.848 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD075679.D
 Acq: 14 Apr 2023 14:57

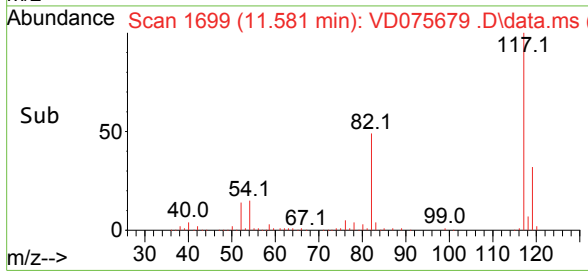
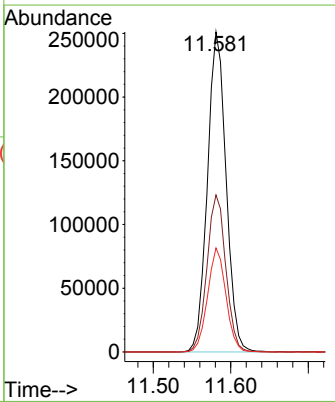
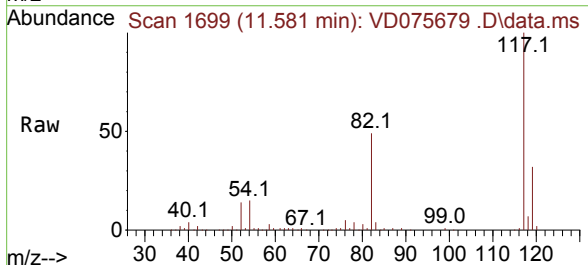
Instrument :
 MSVOA_D
 ClientSampleId :

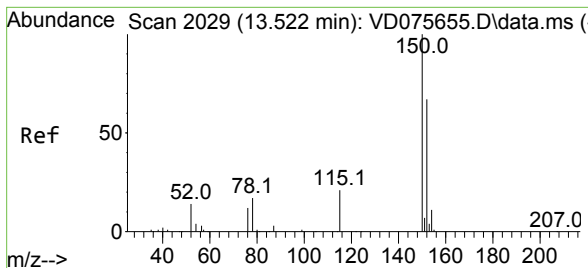
Tgt Ion:	95	Resp:	167280
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	164.0
176	86.7	0.0	156.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD075679.D
 Acq: 14 Apr 2023 14:57

Tgt Ion:	117	Resp:	421685
Ion Ratio	Lower	Upper	
117	100		
82	49.0	44.0	66.0
119	32.5	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

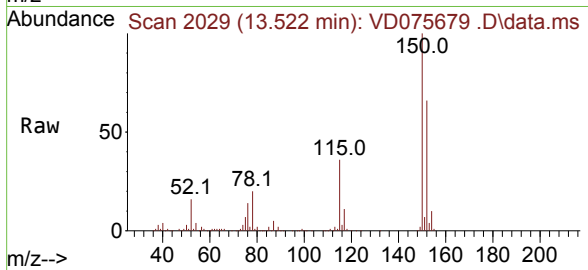
Lab File: VD075679.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :



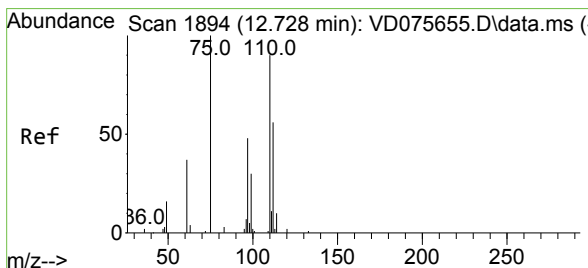
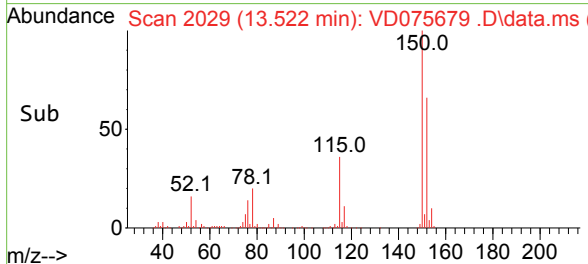
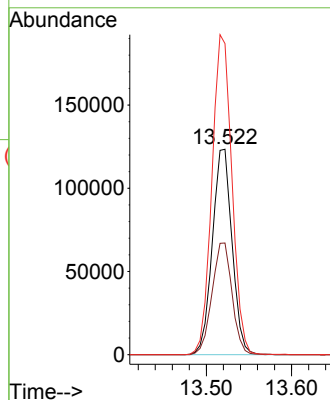
Tgt Ion:152 Resp: 198907

Ion Ratio Lower Upper

152 100

115 55.1 30.1 90.3

150 157.4 0.0 364.8



#76

1,2,3-Trichloropropane

Concen: 51.440 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075679.D

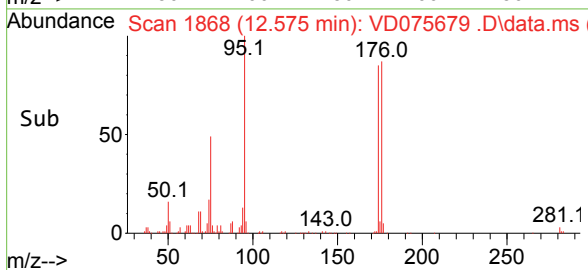
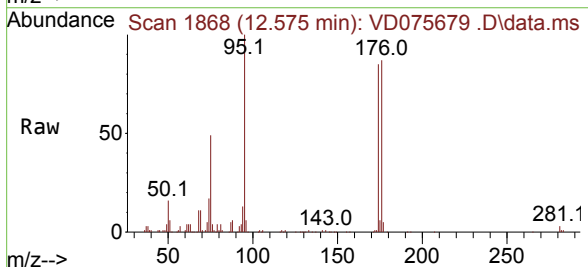
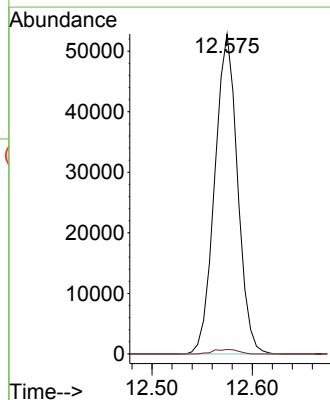
Acq: 14 Apr 2023 14:57

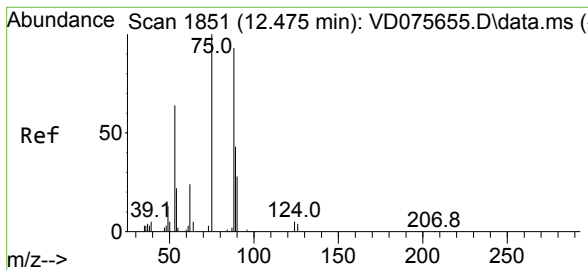
Tgt Ion: 75 Resp: 83439

Ion Ratio Lower Upper

75 100

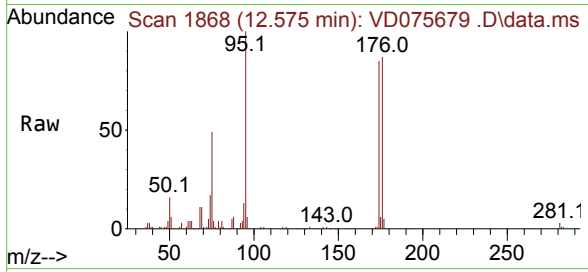
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.491 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075679 .D
 Acq: 14 Apr 2023 14:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

