

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075686.D
 Acq On : 14 Apr 2023 18:32
 Operator : KP/SY
 Sample : 02262-09RE
 Misc : 11.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-3A-040723

Quant Time: Apr 17 09:13:24 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)

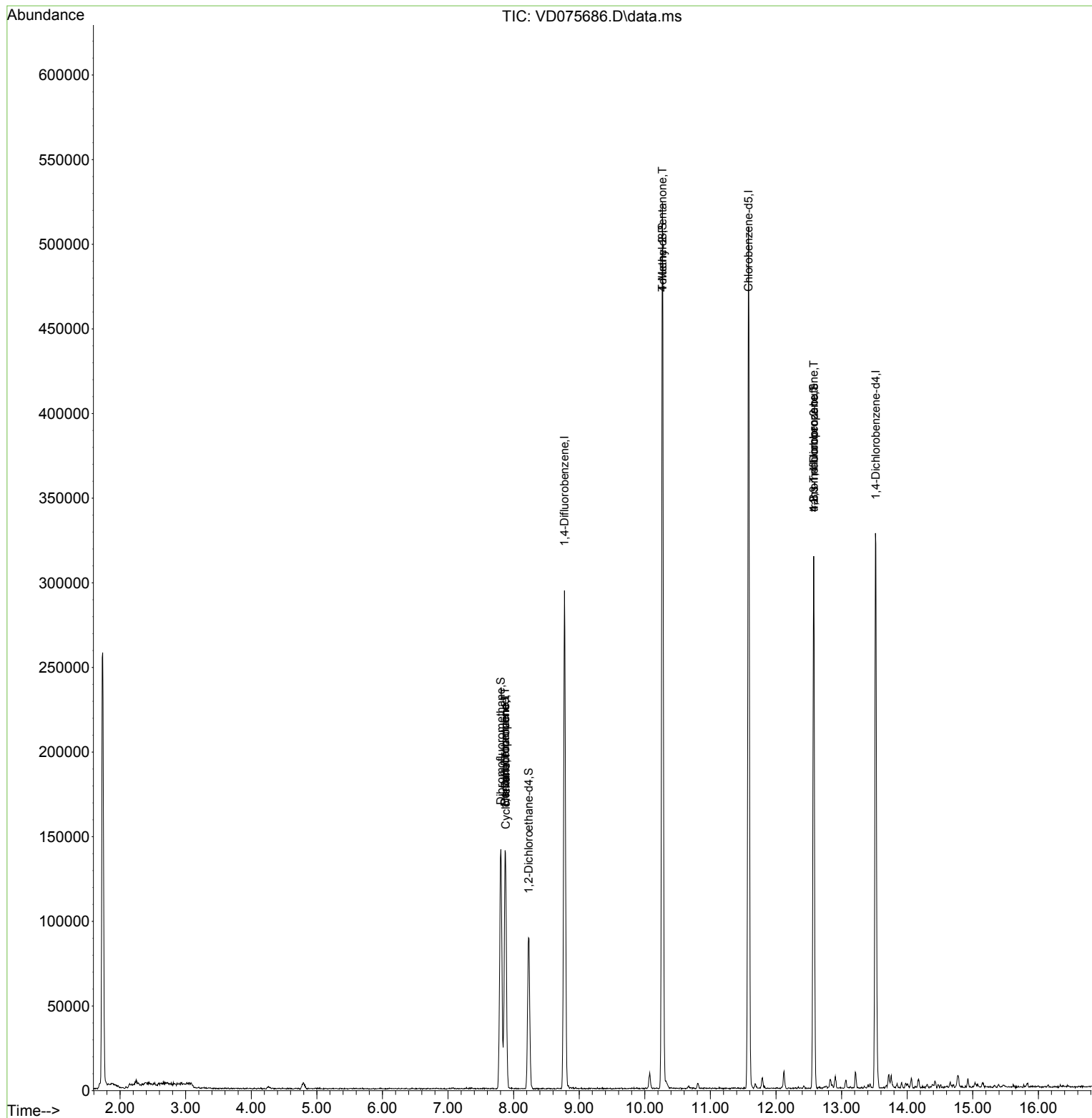
Internal Standards						
1) Pentafluorobenzene	7.869	168	117440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70511	63.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.500%	
35) Dibromofluoromethane	7.805	113	105756	56.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.220%	
50) Toluene-d8	10.269	98	380068	50.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.575	95	100345	50.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.040%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	1861	Below Cal	#	64
31) Cyclohexane	7.881	56	2348	1.342	ug/l #	7
36) 1,1-Dichloropropene	7.875	75	9361	3.600	ug/l #	44
38) Carbon Tetrachloride	7.869	117	11237	4.907	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	968	1.258	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	49890	65.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	49890	141.067	ug/l #	5

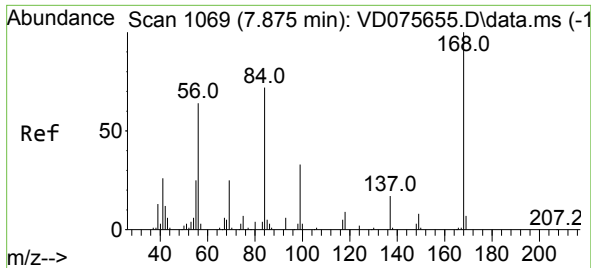
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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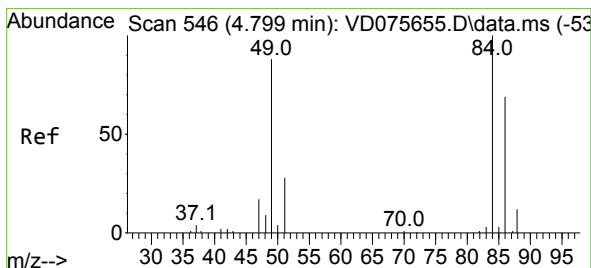
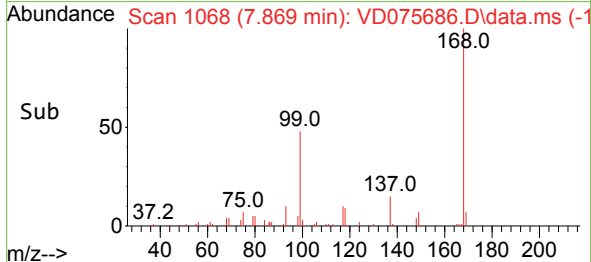
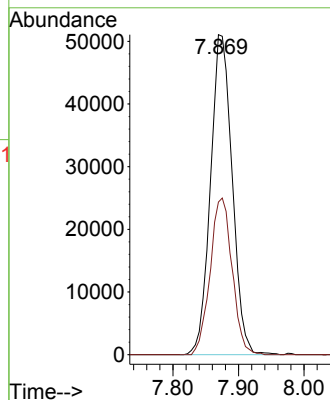
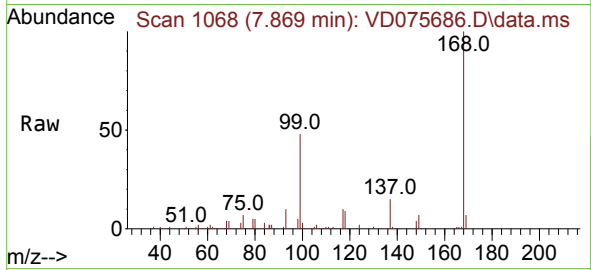




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

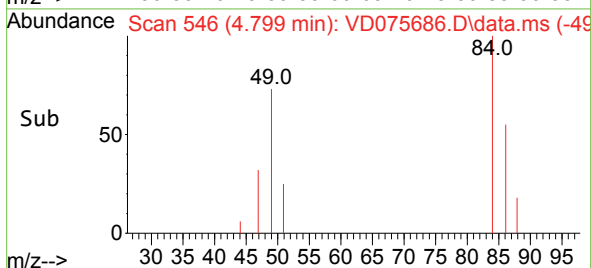
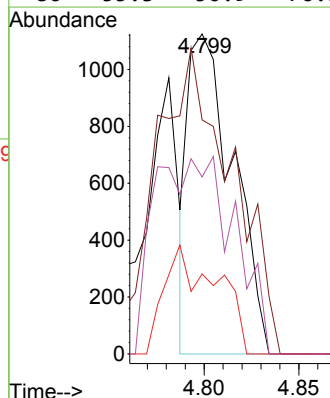
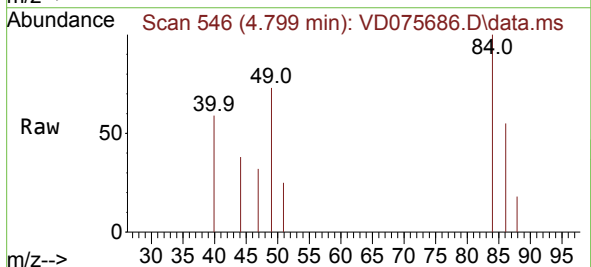
Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

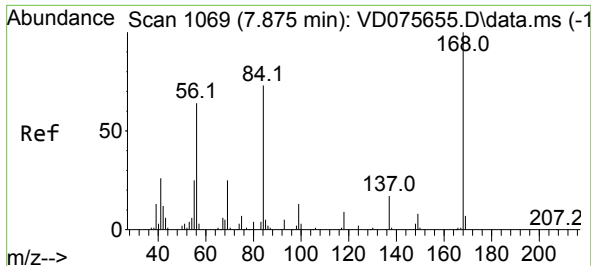
Tgt Ion:168 Resp: 117440
Ion Ratio Lower Upper
168 100
99 47.7 43.8 65.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion: 84 Resp: 1861
Ion Ratio Lower Upper
84 100
49 73.2 106.4 159.6#
51 25.0 32.4 48.6#
86 55.3 50.9 76.3

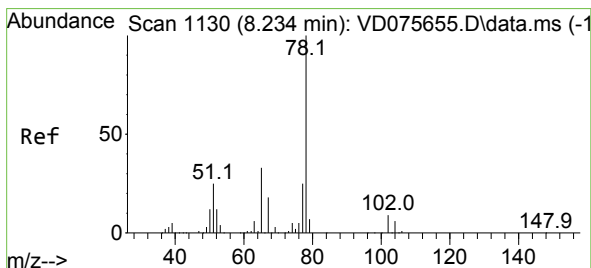
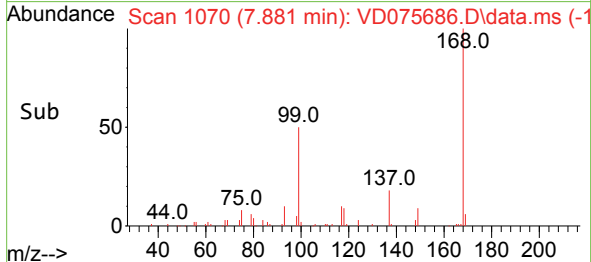
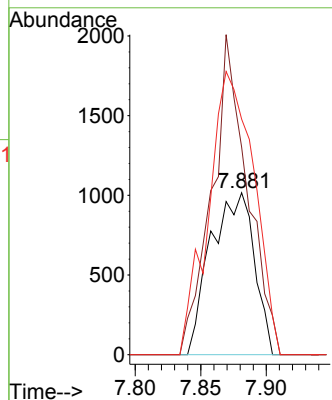
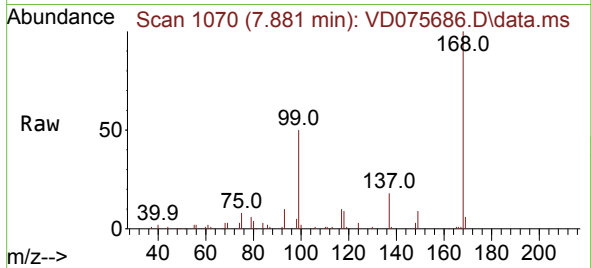




#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

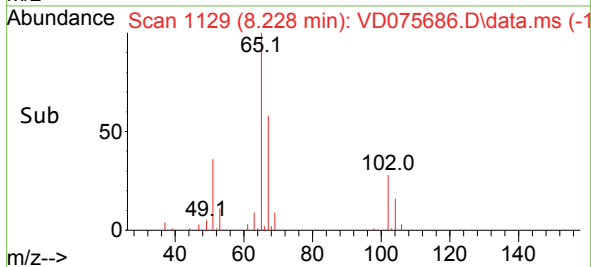
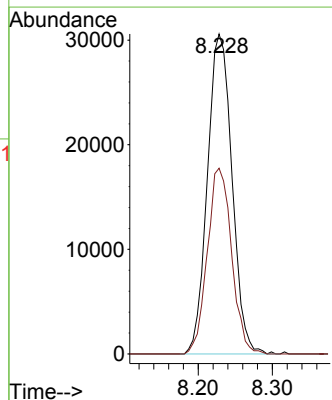
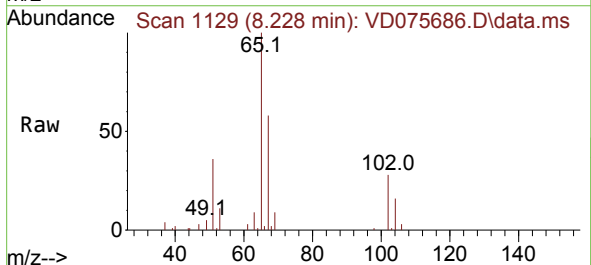
Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

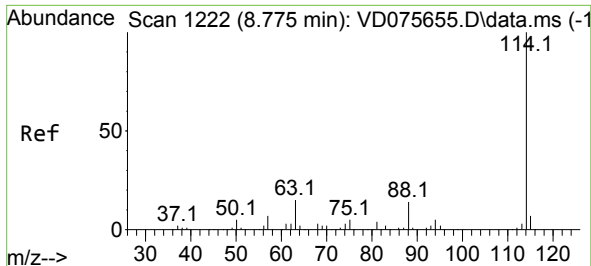
Tgt Ion: 56 Resp: 2348
Ion Ratio Lower Upper
56 100
69 128.1 25.5 38.3#
84 145.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 63.254 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion: 65 Resp: 70511
Ion Ratio Lower Upper
65 100
67 57.3 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: VD075686.D

Acq: 14 Apr 2023 18:32

Instrument :

MSVOA_D

ClientSampleId :

JPP-3A-040723

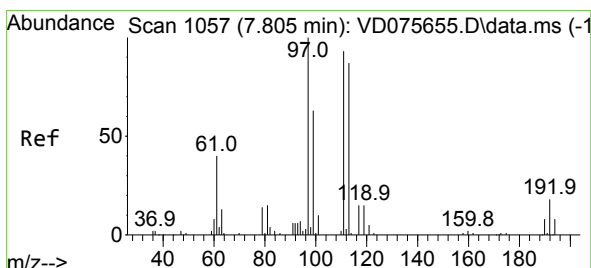
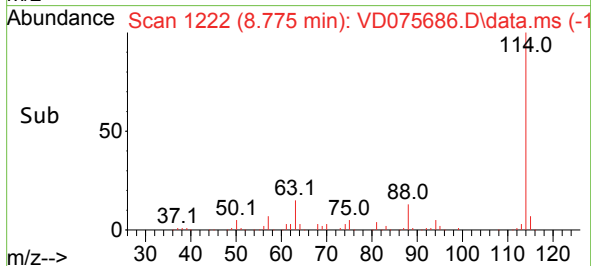
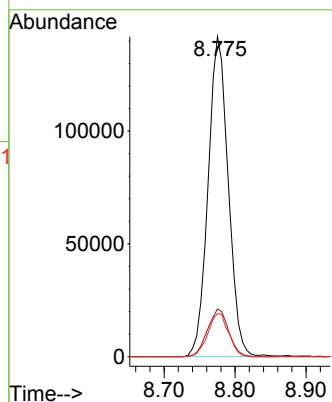
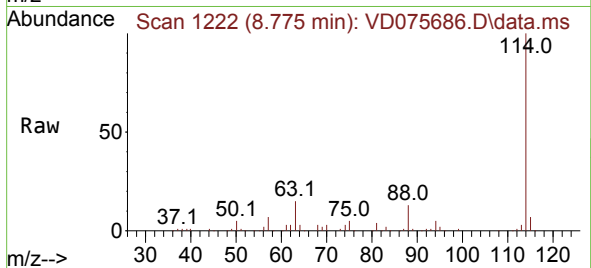
Tgt Ion:114 Resp: 280231

Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 13.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.109 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075686.D

Acq: 14 Apr 2023 18:32

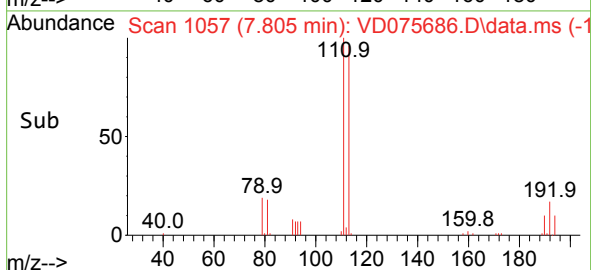
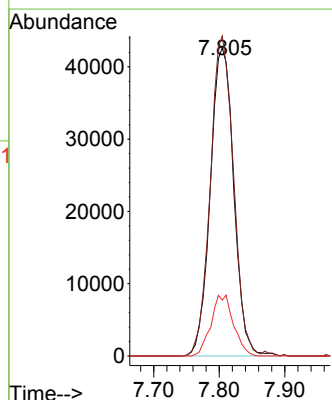
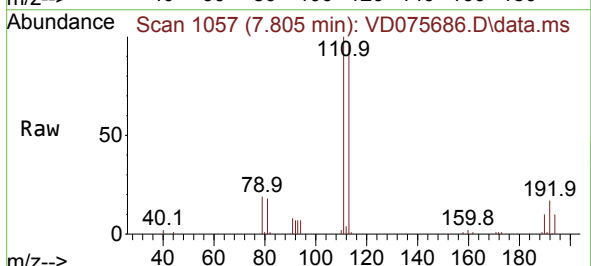
Tgt Ion:113 Resp: 105756

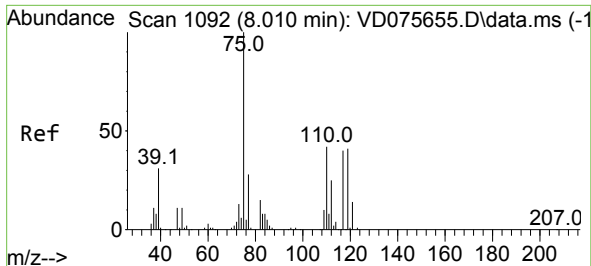
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 19.0 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.600 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075686.D

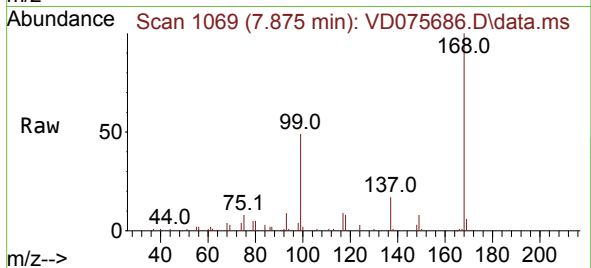
Acq: 14 Apr 2023 18:32

Instrument :

MSVOA_D

ClientSampleId :

JPP-3A-040723



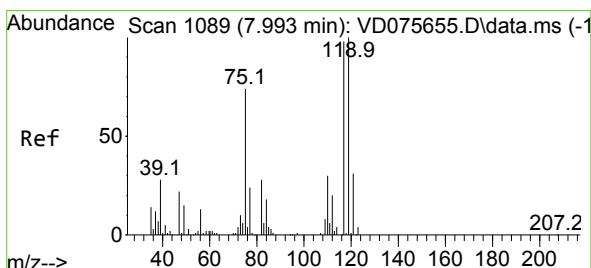
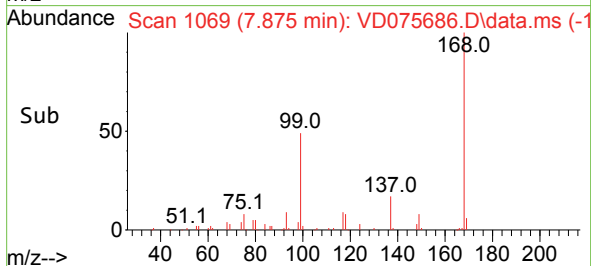
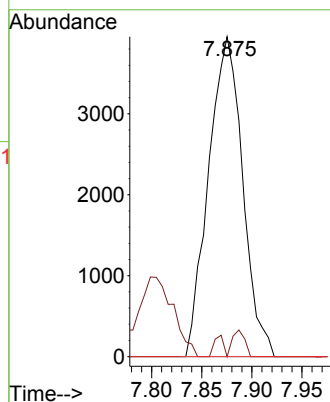
Tgt Ion: 75 Resp: 9361

Ion Ratio Lower Upper

75 100

110 1.8 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.907 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075686.D

Acq: 14 Apr 2023 18:32

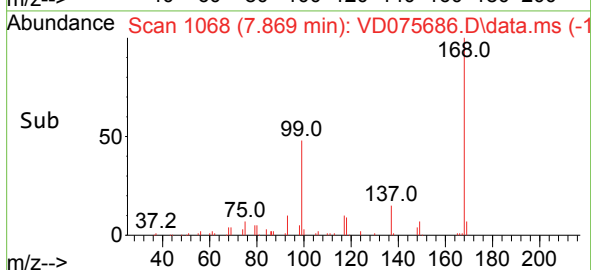
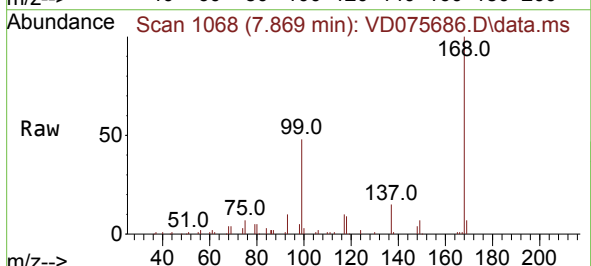
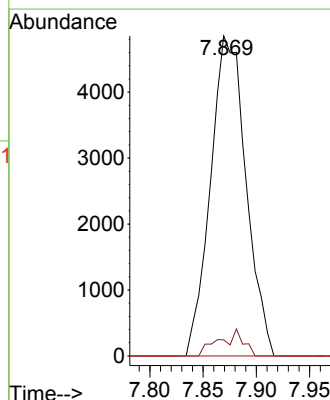
Tgt Ion: 117 Resp: 11237

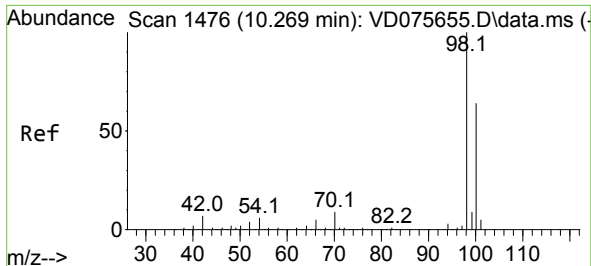
Ion Ratio Lower Upper

117 100

119 5.0 74.7 112.1#

121 0.0 25.9 38.9#

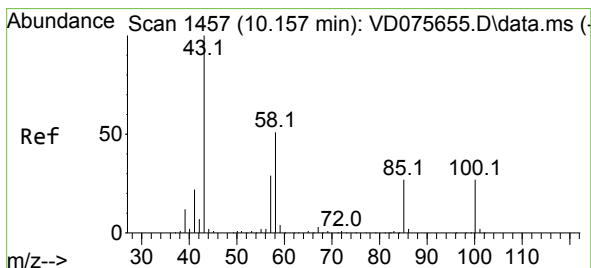
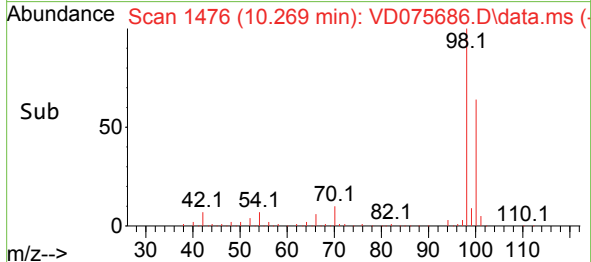
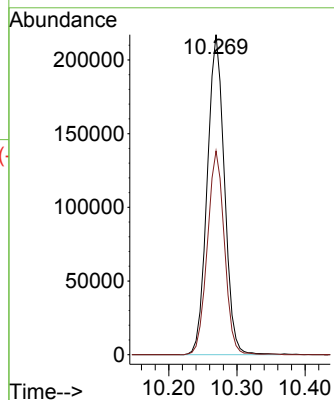
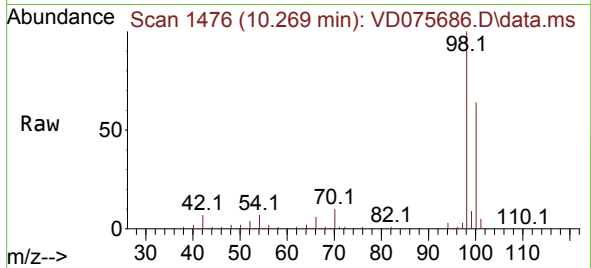




#50
Toluene-d8
Concen: 50.354 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

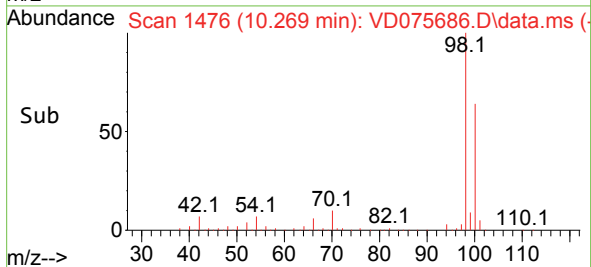
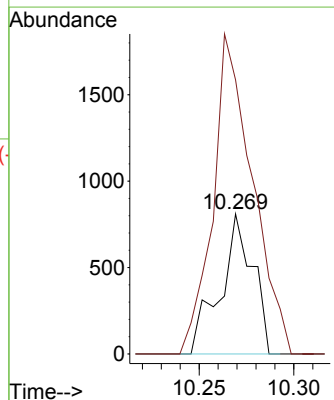
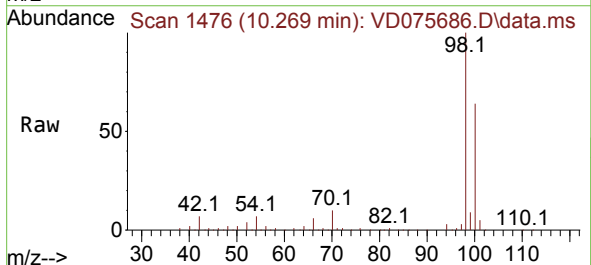
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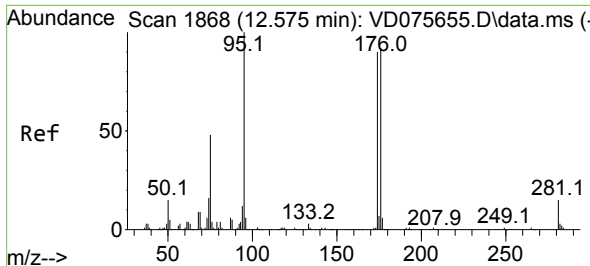
Tgt Ion: 98 Resp: 380068
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.258 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 276.2 29.5 44.3#

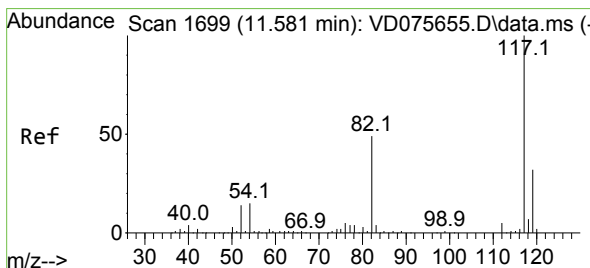
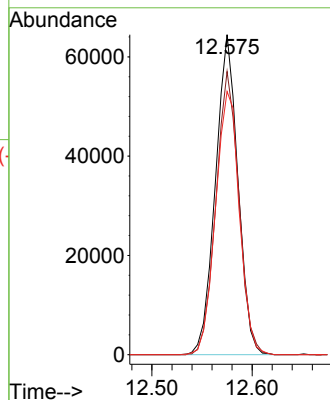
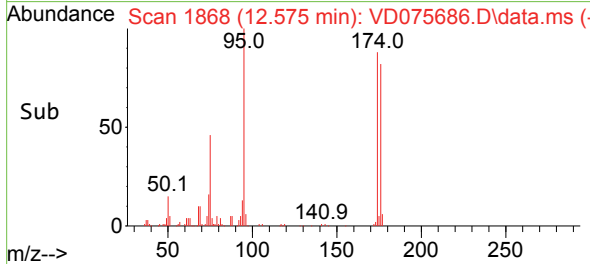
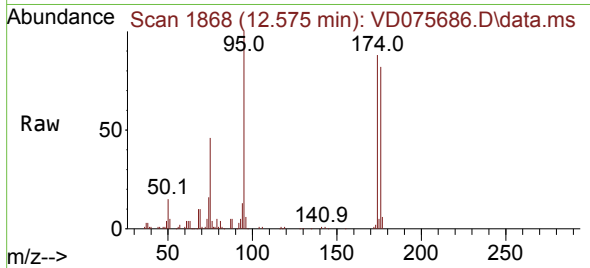




#62
4-Bromofluorobenzene
Concen: 50.017 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

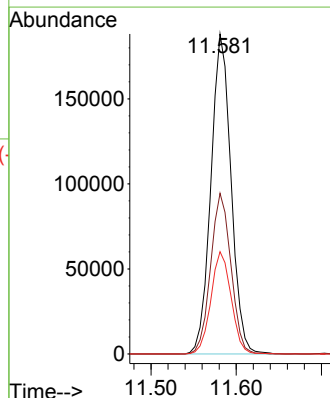
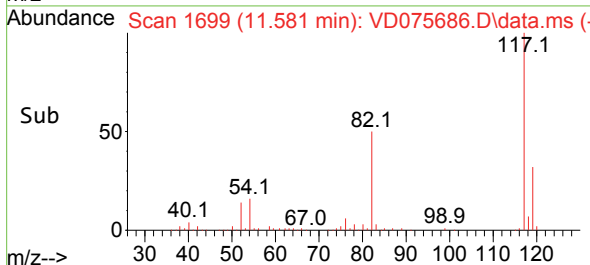
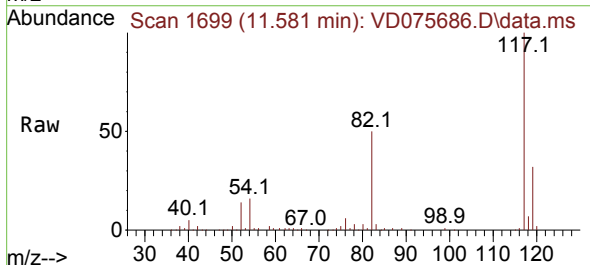
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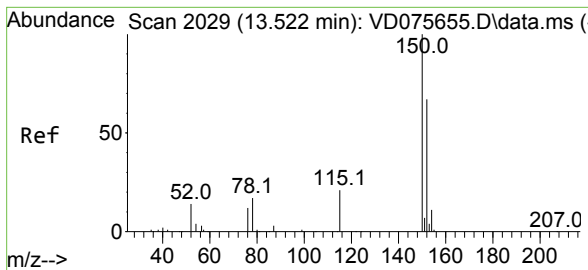
Tgt Ion: 95 Resp: 100345
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.0
176 87.3 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion: 117 Resp: 309006
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.0 25.1 37.7

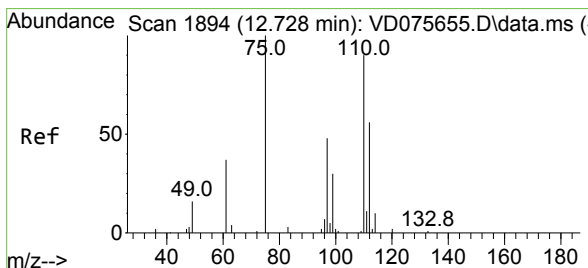
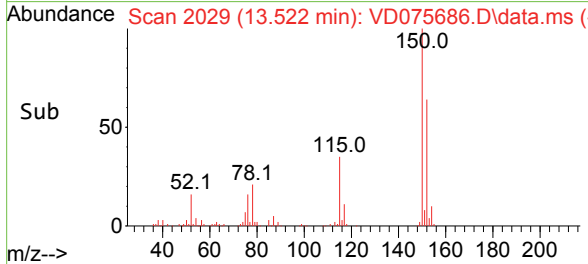
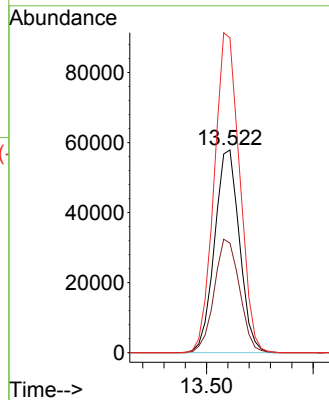
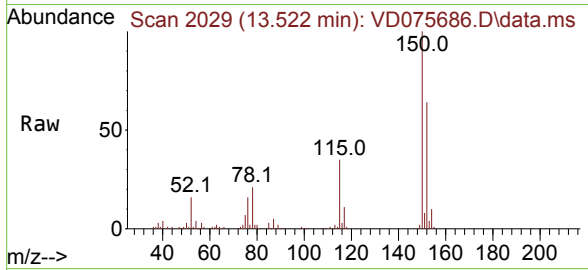




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD075686.D
 Acq: 14 Apr 2023 18:32

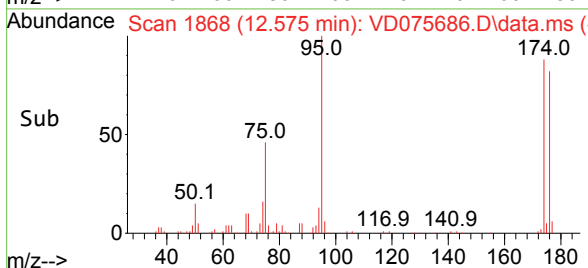
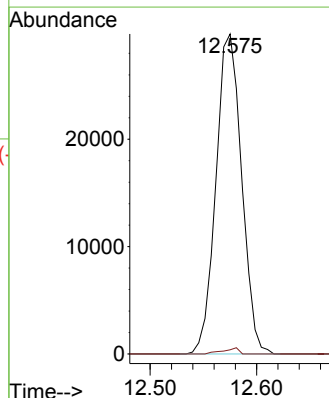
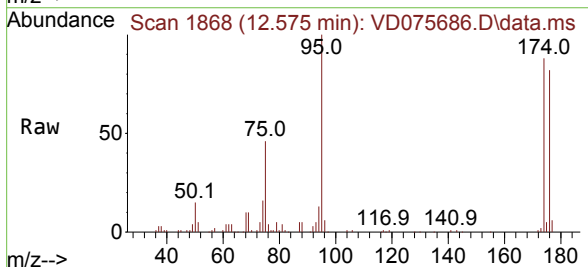
Instrument :
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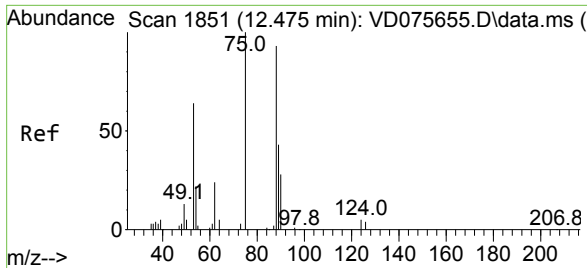
Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	30.1	90.3
150	161.1	0.0	364.8



#76
 1,2,3-Trichloropropane
 Concen: 65.086 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075686.D
 Acq: 14 Apr 2023 18:32

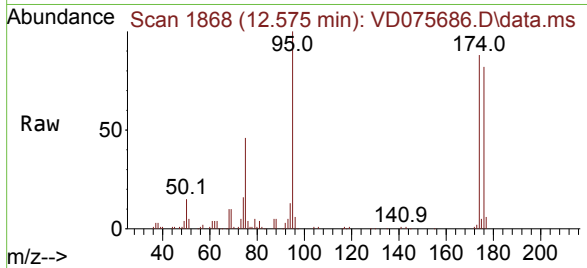
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.067 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075686.D
 Acq: 14 Apr 2023 18:32

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-3A-040723



Tgt Ion:	75	Resp:	49890
Ion Ratio	Lower	Upper	
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

