

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075798.D
 Acq On : 24 Apr 2023 17:21
 Operator : KP/SY
 Sample : 02446-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-042023

Quant Time: Apr 25 06:10:44 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)

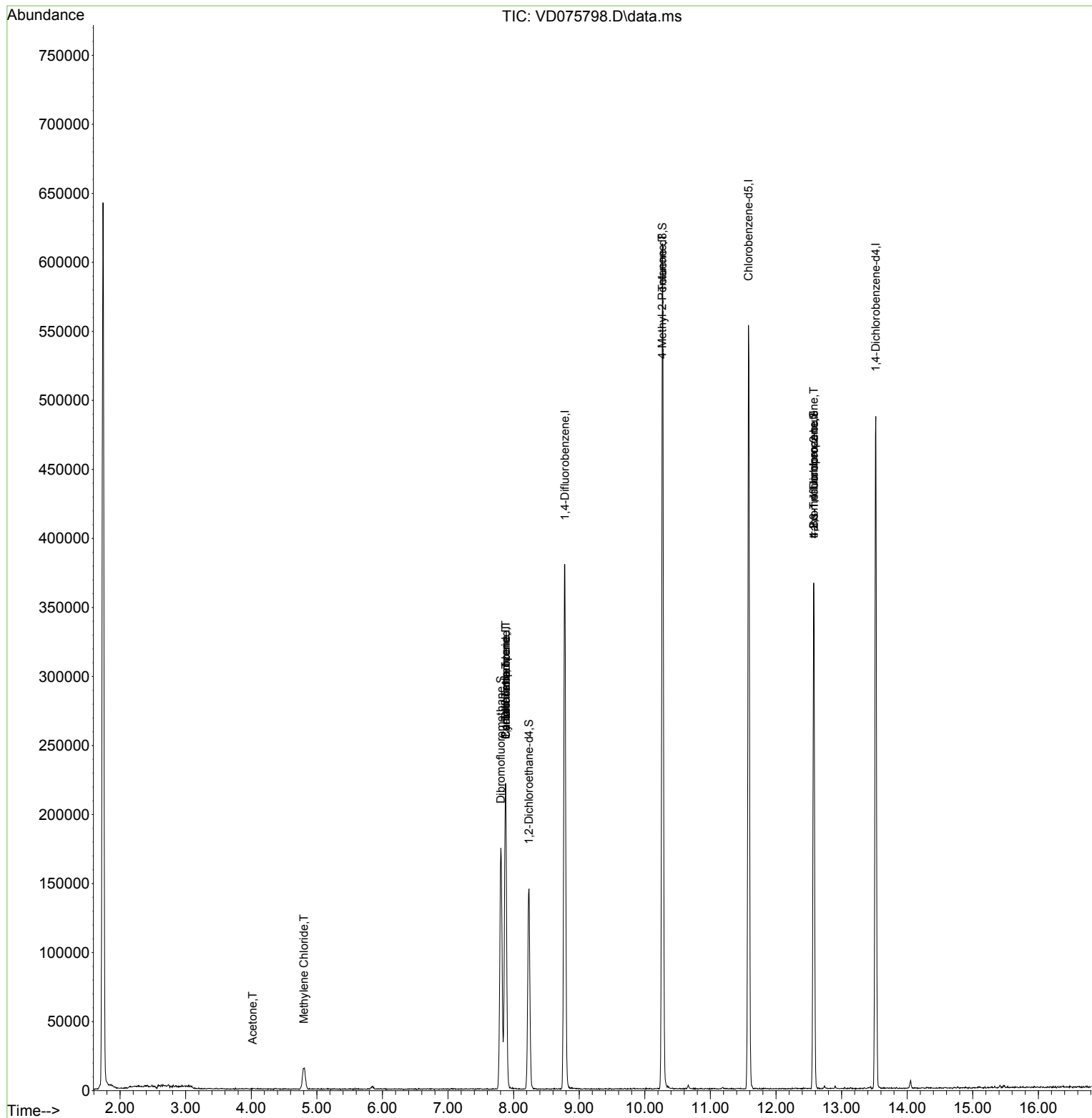
Internal Standards						
1) Pentafluorobenzene	7.881	168	186996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	380138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	144106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	113158	63.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.500%	
35) Dibromofluoromethane	7.805	113	133178	52.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.180%	
50) Toluene-d8	10.269	98	452236	44.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.340%	
62) 4-Bromofluorobenzene	12.575	95	114944	42.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	593	1.824	ug/l #	44
20) Methylene Chloride	4.805	84	14789	1.395	ug/l #	68
31) Cyclohexane	7.881	56	3465	1.244	ug/l #	22
36) 1,1-Dichloropropene	7.881	75	14031	3.978	ug/l #	50
38) Carbon Tetrachloride	7.881	117	17014	5.477	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1146	1.098	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	55718	47.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55718	102.762	ug/l #	5

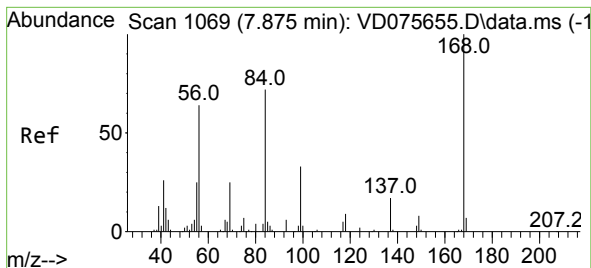
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075798.D

Acq: 24 Apr 2023 17:21

Instrument :

MSVOA_D

ClientSampleId :

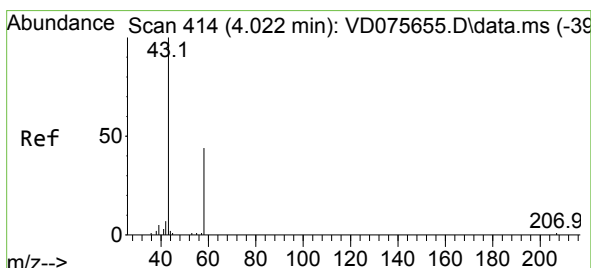
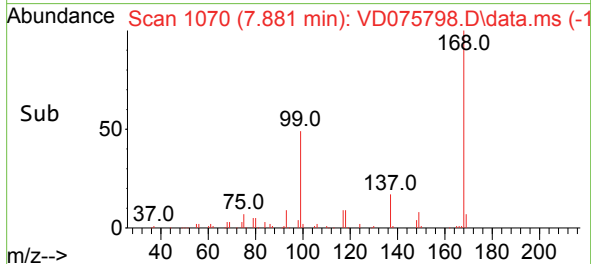
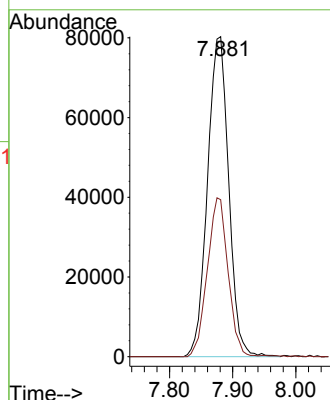
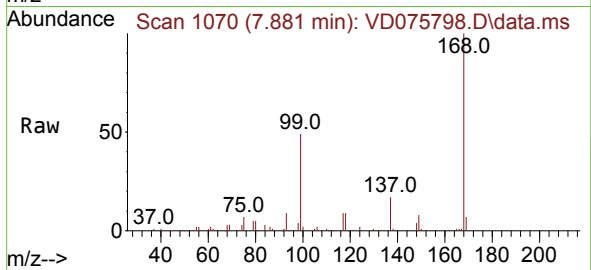
OR-03-042023

Tgt Ion:168 Resp: 186996

Ion Ratio Lower Upper

168 100

99 49.0 43.8 65.6



#16

Acetone

Concen: 1.824 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075798.D

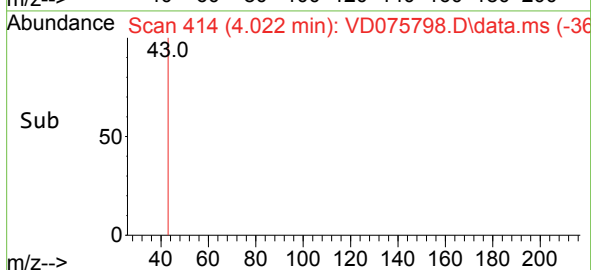
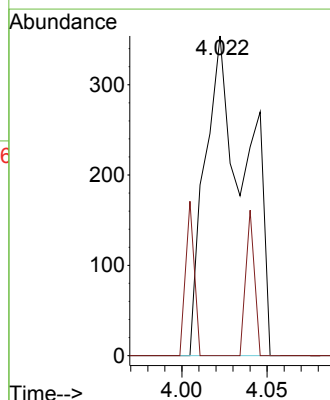
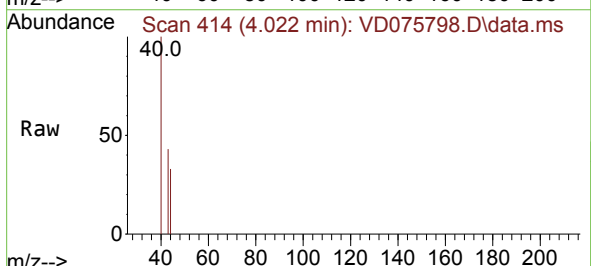
Acq: 24 Apr 2023 17:21

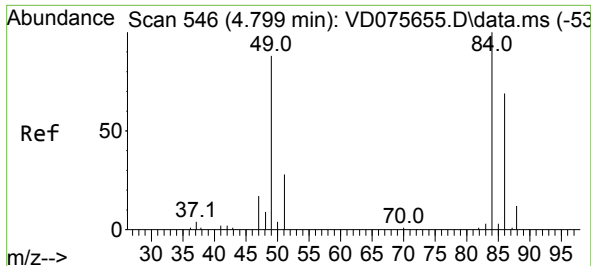
Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#

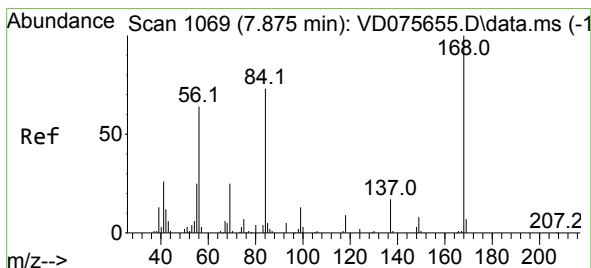
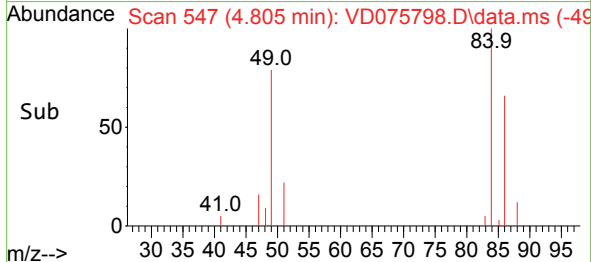
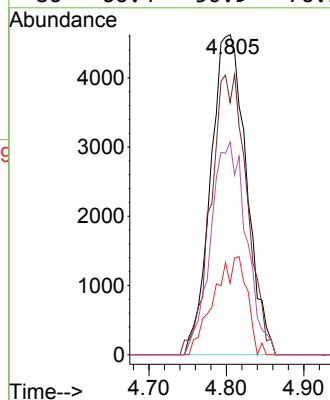
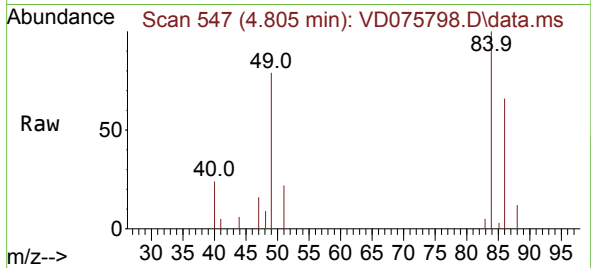




#20
Methylene Chloride
Concen: 1.395 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

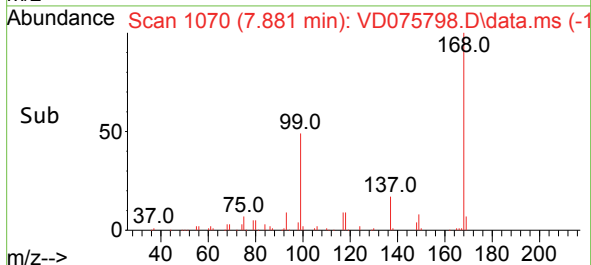
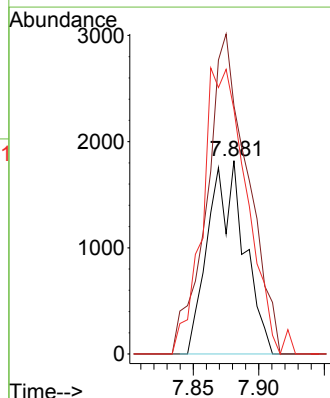
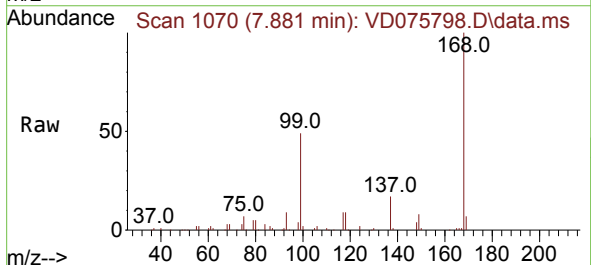
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MSVOA_D
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OR-03-042023

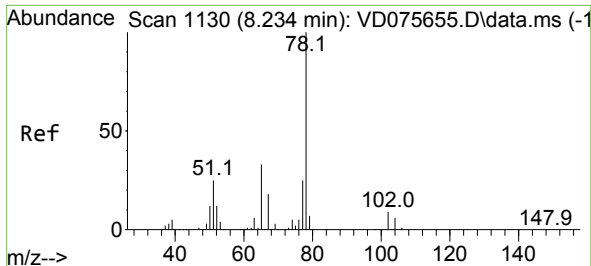
Tgt Ion:	84	Resp:	14789
Ion	Ratio	Lower	Upper
84	100		
49	78.7	106.4	159.6#
51	22.3	32.4	48.6#
86	66.4	50.9	76.3



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion:	56	Resp:	3465
Ion	Ratio	Lower	Upper
56	100		
69	128.5	25.5	38.3#
84	126.5	69.6	104.4#

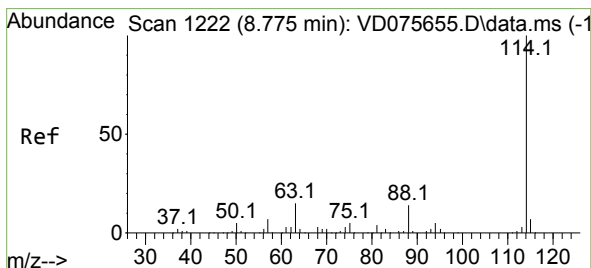
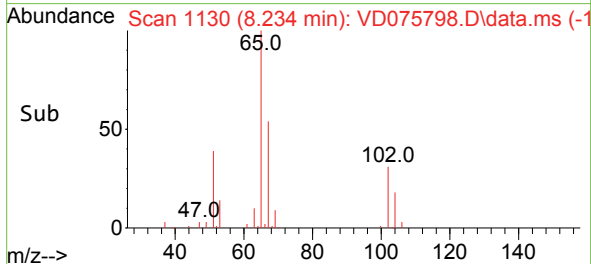
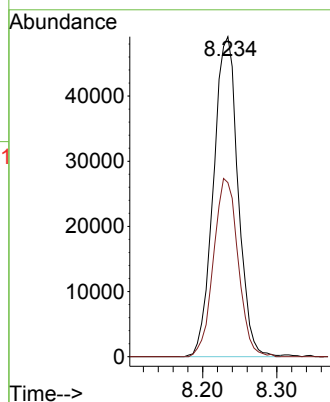
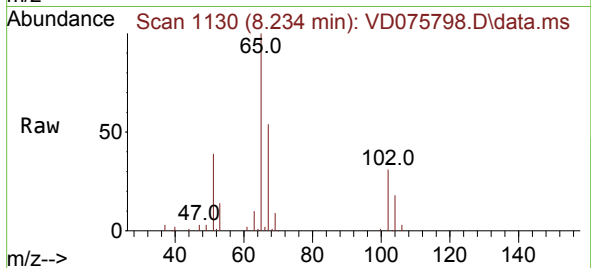




#33
 1,2-Dichloroethane-d4
 Concen: 63.753 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD075798.D
 Acq: 24 Apr 2023 17:21

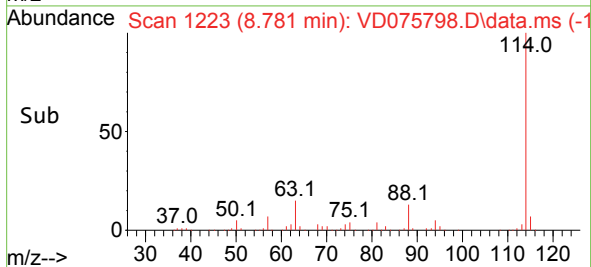
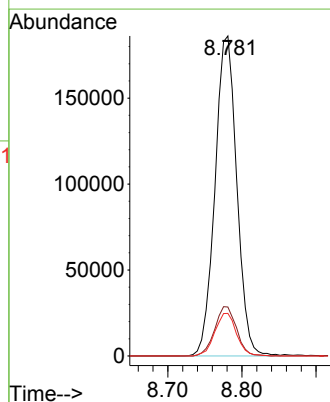
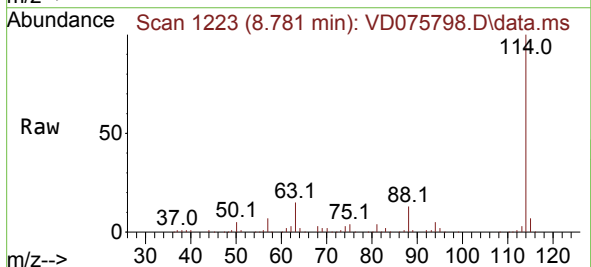
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-042023

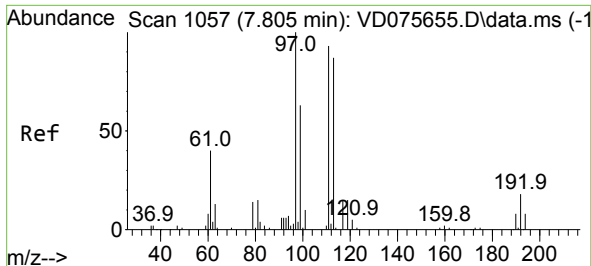
Tgt Ion: 65 Resp: 113158
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075798.D
 Acq: 24 Apr 2023 17:21

Tgt Ion: 114 Resp: 380138
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 41.6
 88 13.3 0.0 30.6

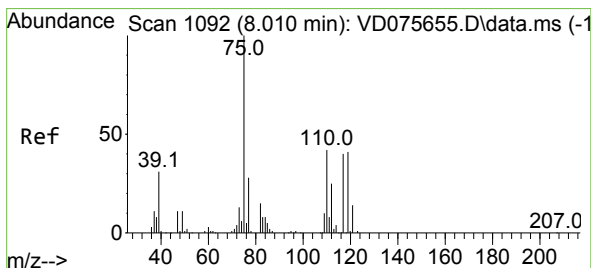
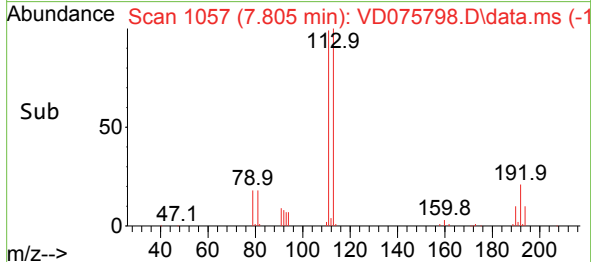
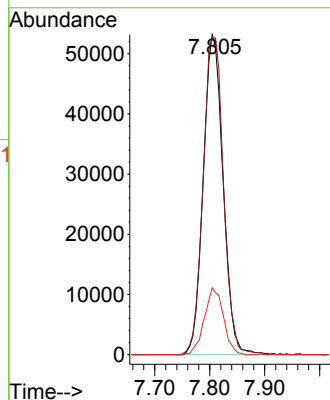
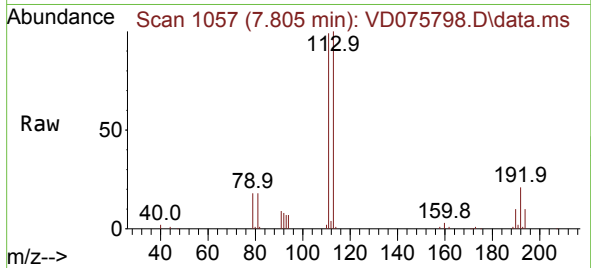




#35
 Dibromofluoromethane
 Concen: 52.088 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD075798.D
 Acq: 24 Apr 2023 17:21

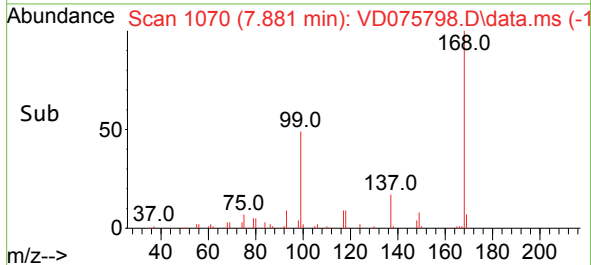
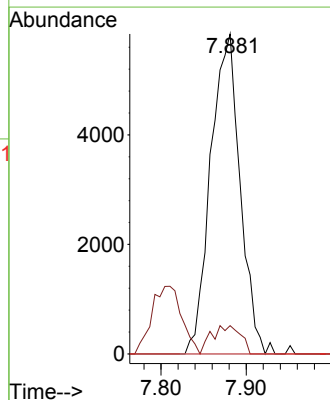
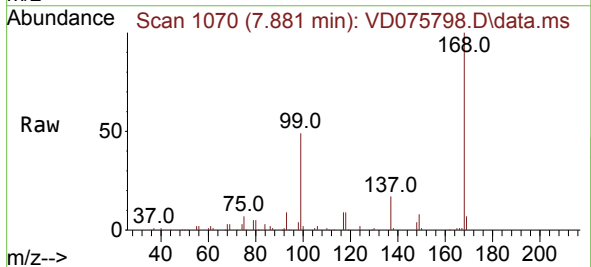
Instrument :
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 ClientSampleId :
 OR-03-042023

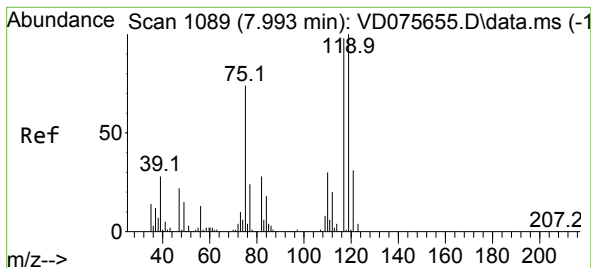
Tgt Ion:113 Resp: 133178
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 20.1 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 3.978 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.129 min
 Lab File: VD075798.D
 Acq: 24 Apr 2023 17:21

Tgt Ion: 75 Resp: 14031
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.477 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075798.D

Acq: 24 Apr 2023 17:21

Instrument :

MSVOA_D

ClientSampleId :

OR-03-042023

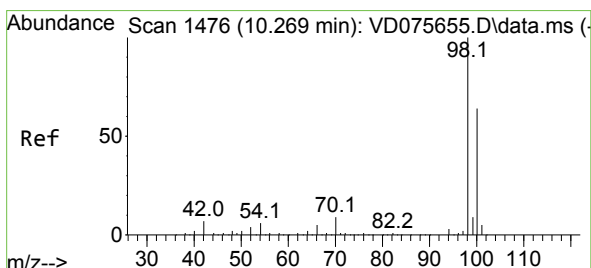
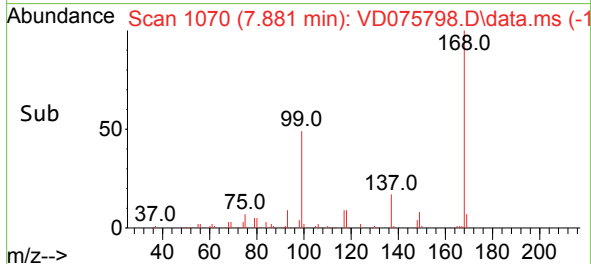
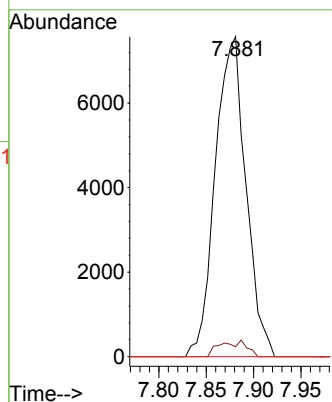
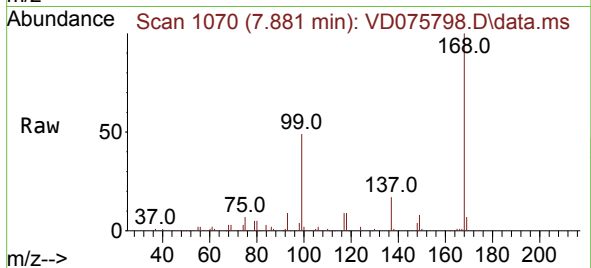
Tgt Ion:117 Resp: 17014

Ion Ratio Lower Upper

117 100

119 3.1 74.7 112.1#

121 0.0 25.9 38.9#



#50

Toluene-d8

Concen: 44.168 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075798.D

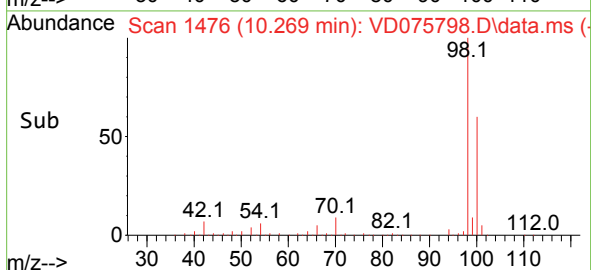
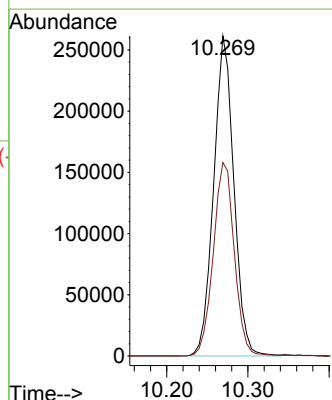
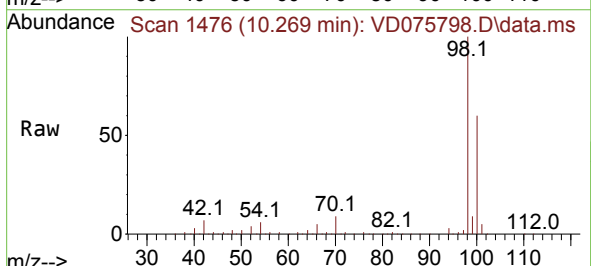
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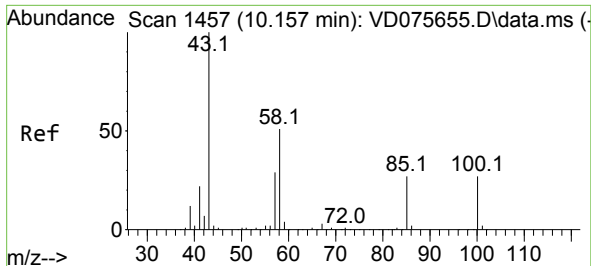
Tgt Ion: 98 Resp: 452236

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1

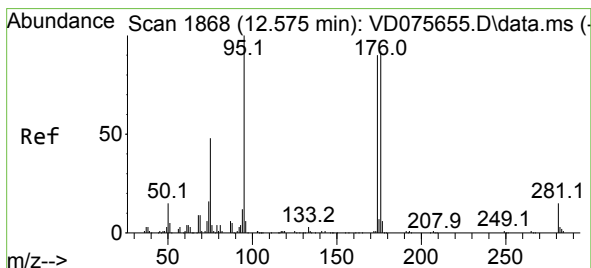
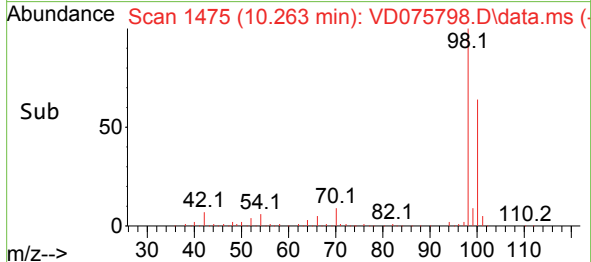
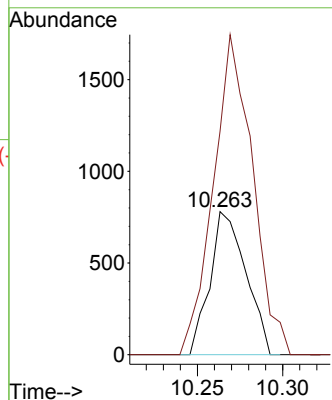
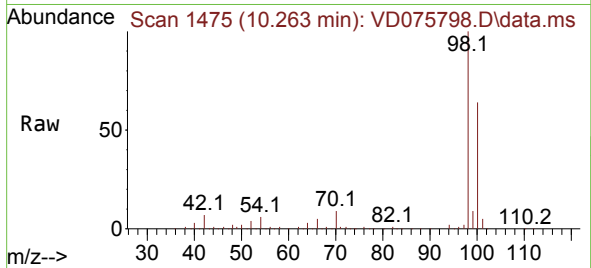




#51
4-Methyl-2-Pentanone
Concen: 1.098 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

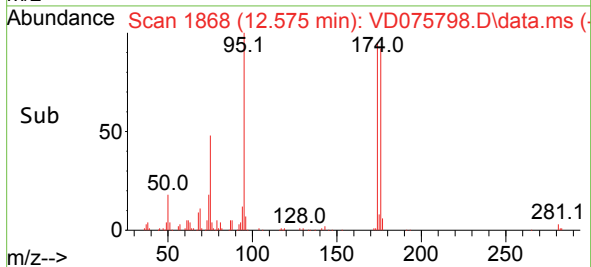
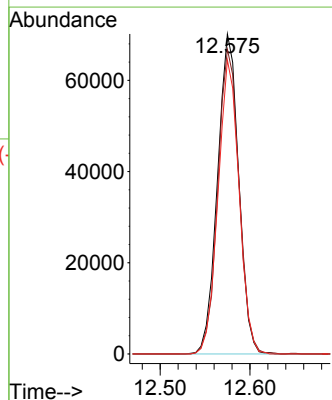
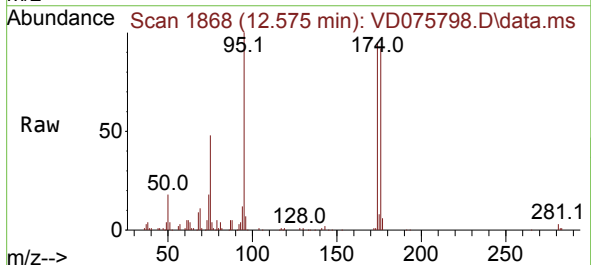
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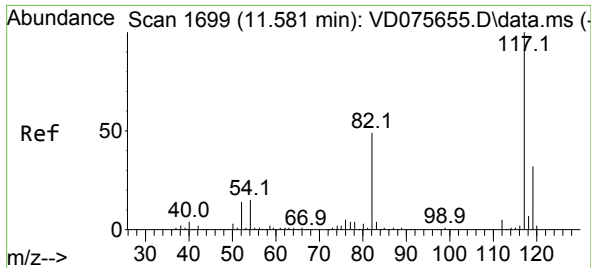
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 244.4 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 42.236 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion: 95 Resp: 114944
Ion Ratio Lower Upper
95 100
174 95.5 0.0 164.0
176 90.9 0.0 156.8

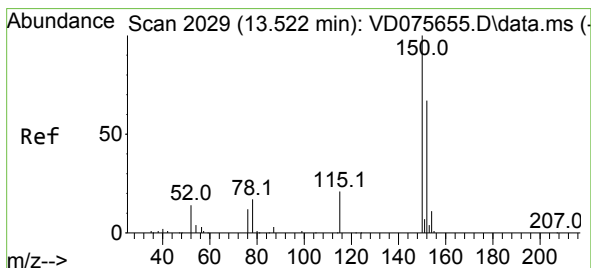
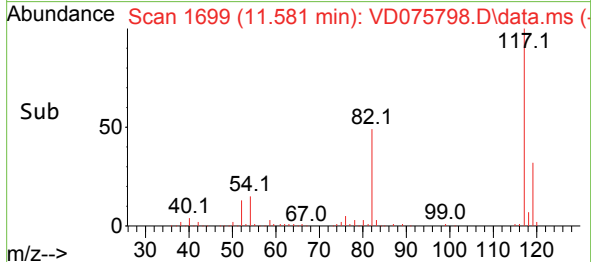
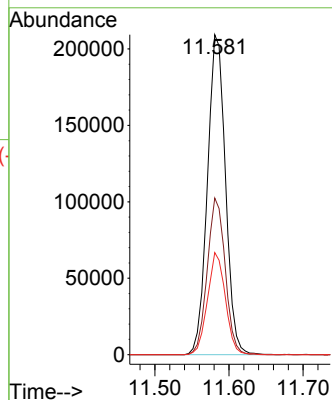
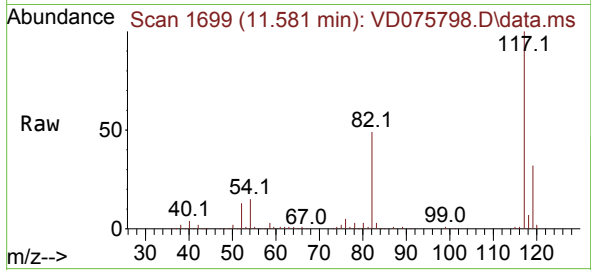




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

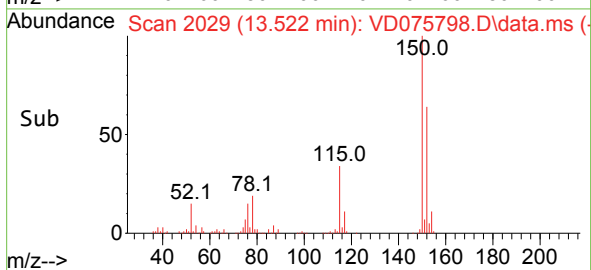
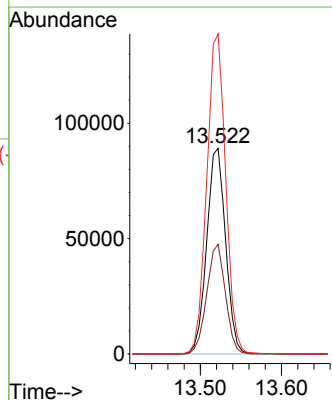
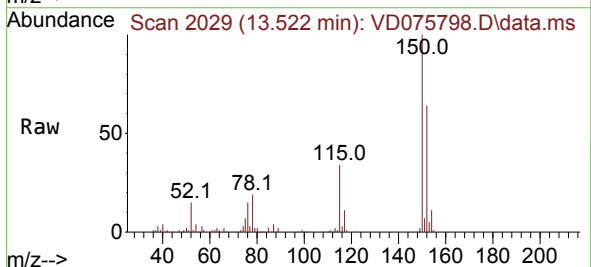
Instrument :
MSVOA_D
ClientSampleId :
OR-03-042023

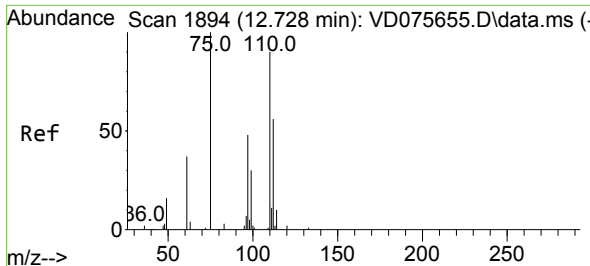
Tgt Ion:117 Resp: 354804
Ion Ratio Lower Upper
117 100
82 49.0 44.0 66.0
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion:152 Resp: 144106
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 155.5 0.0 364.8

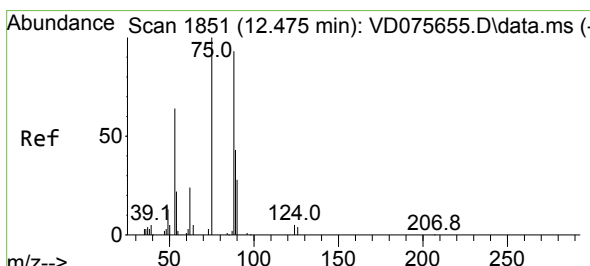
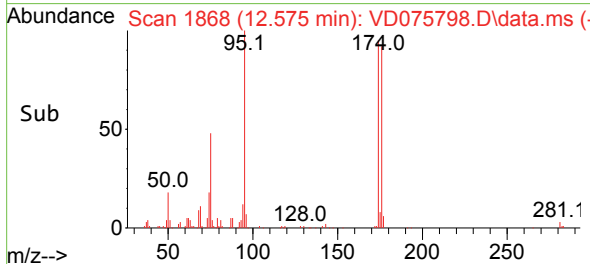
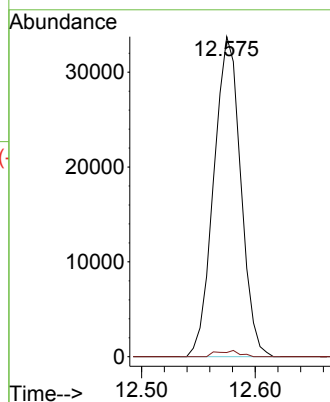
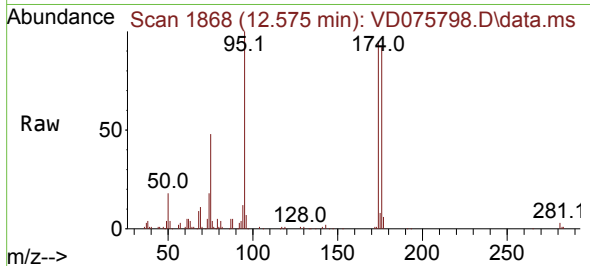




#76
1,2,3-Trichloropropane
Concen: 47.413 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Instrument :
MSVOA_D
ClientSampleId :
OR-03-042023

Tgt Ion: 75 Resp: 55718
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.762 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion: 75 Resp: 55718
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

