

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078212.D
 Acq On : 23 Jan 2024 17:02
 Operator : RP/MD
 Sample : P1233-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 69-TP-1

Quant Time: Jan 24 00:23:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

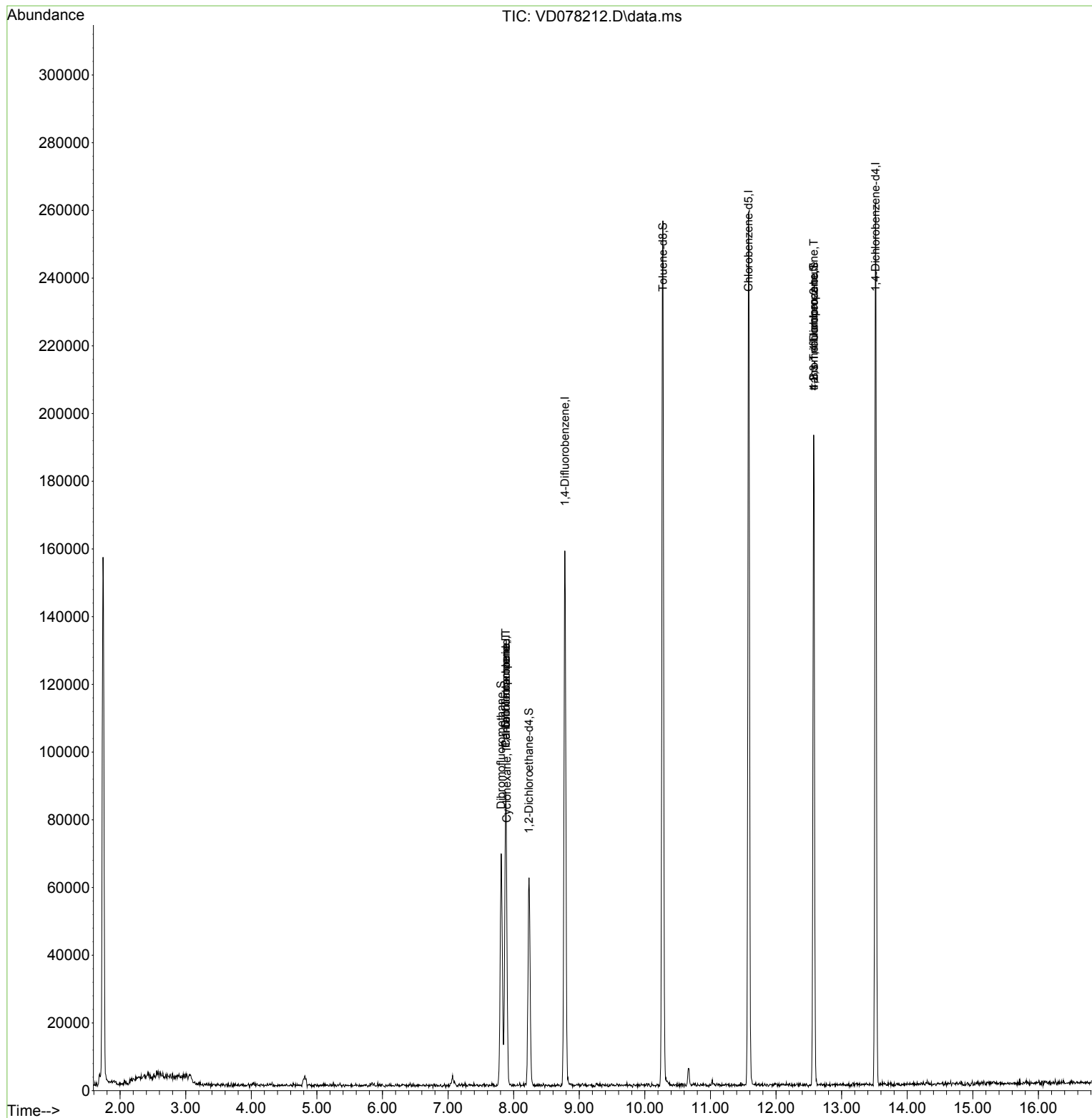
Internal Standards						
1) Pentafluorobenzene	7.881	168	64653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	141119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47819	64.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.580%	
35) Dibromofluoromethane	7.810	113	49867	53.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.380%	
50) Toluene-d8	10.275	98	181844	49.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.575	95	61177	57.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.352	50	69	Below Cal	#	41
16) Acetone	4.028	43	705	Below Cal	#	32
20) Methylene Chloride	4.810	84	2186	Below Cal	#	76
31) Cyclohexane	7.893	56	1595	1.169	ug/l	# 49
36) 1,1-Dichloropropene	7.881	75	6178	4.045	ug/l	# 42
38) Carbon Tetrachloride	7.881	117	6846	4.539	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	31788	50.158	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	31788	108.041	ug/l	# 17

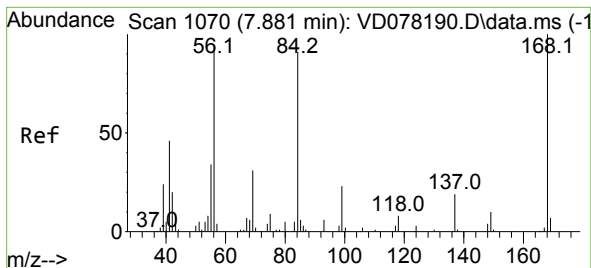
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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69-TP-1

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078212.D

Acq: 23 Jan 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :

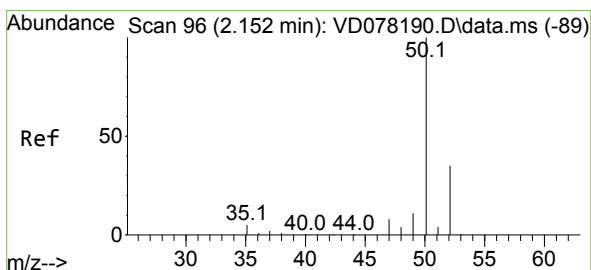
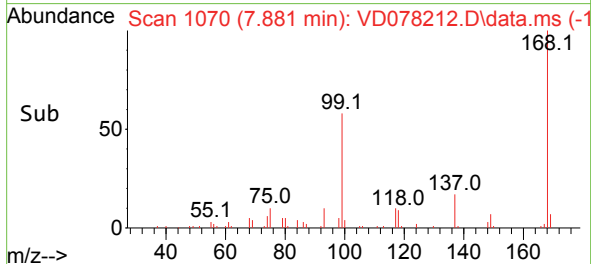
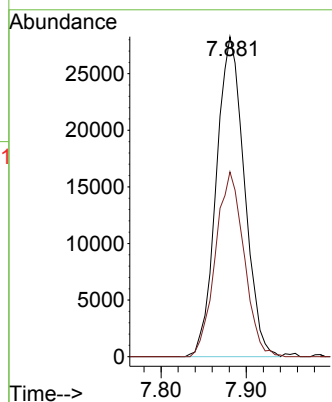
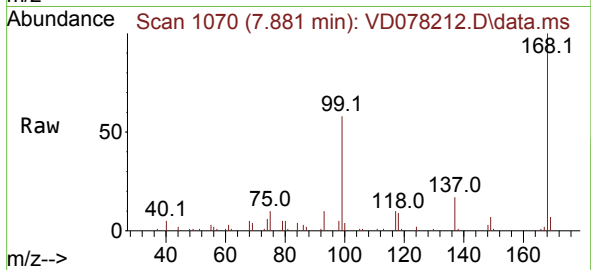
69-TP-1

Tgt Ion:168 Resp: 64653

Ion Ratio Lower Upper

168 100

99 57.7 36.7 55.1#



#3

Chloromethane

Concen: Below Cal

RT: 2.352 min Scan# 130

Delta R.T. 0.200 min

Lab File: VD078212.D

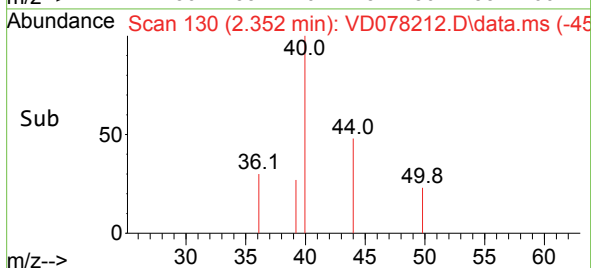
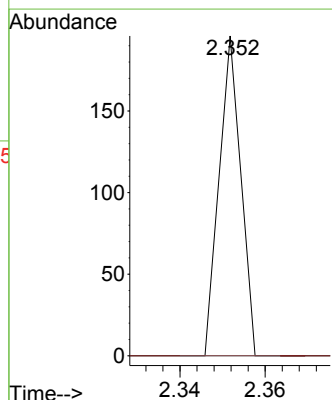
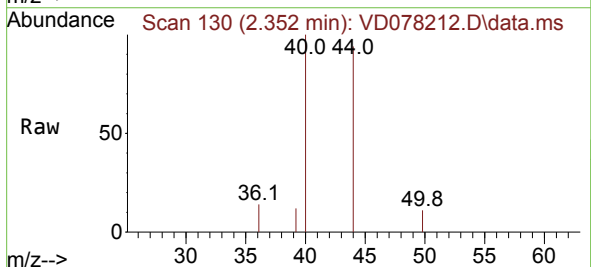
Acq: 23 Jan 2024 17:02

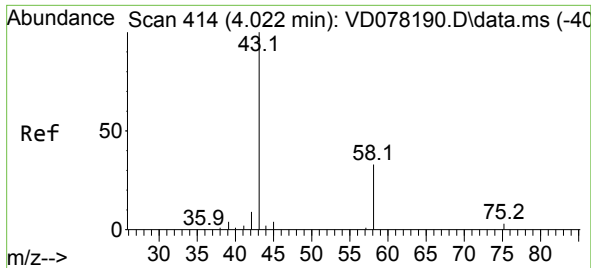
Tgt Ion: 50 Resp: 69

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#

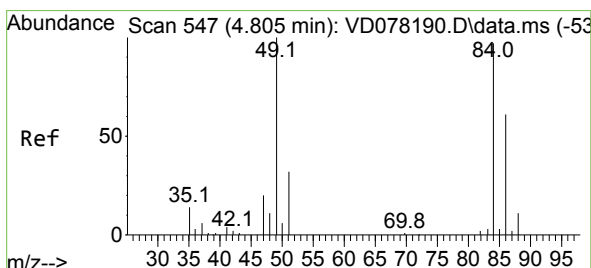
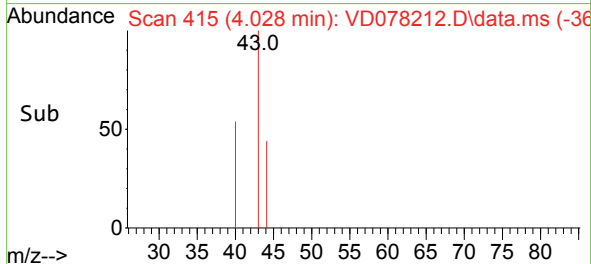
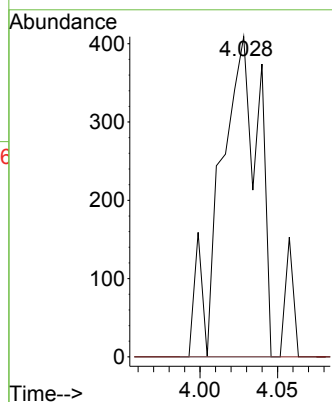
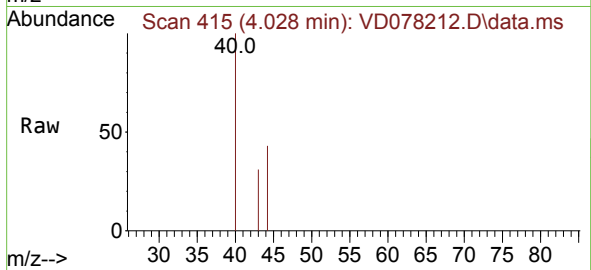




#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

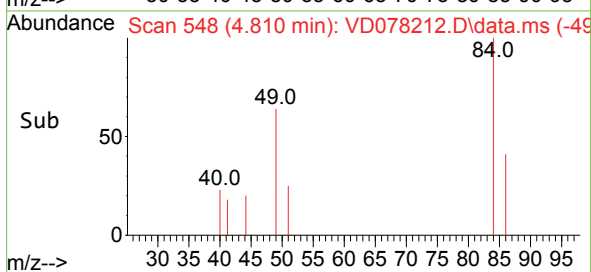
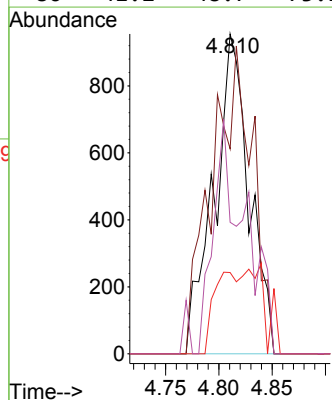
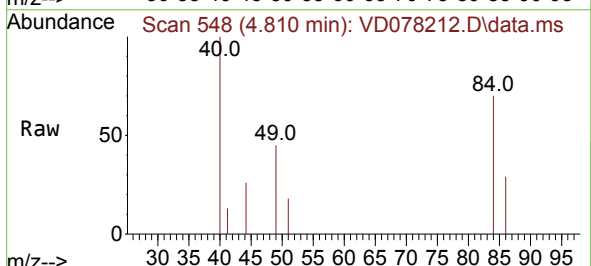
Instrument :
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69-TP-1

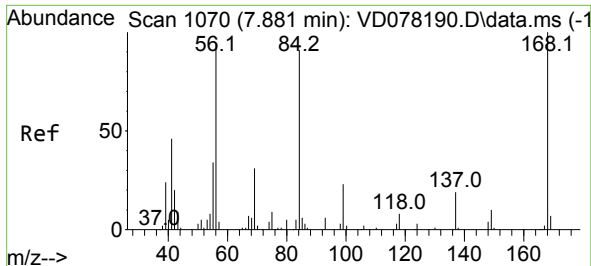
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Tgt Ion: 84 Resp: 2186
Ion Ratio Lower Upper
84 100
49 64.1 71.4 107.2#
51 25.4 24.5 36.7
86 41.2 48.7 73.1#

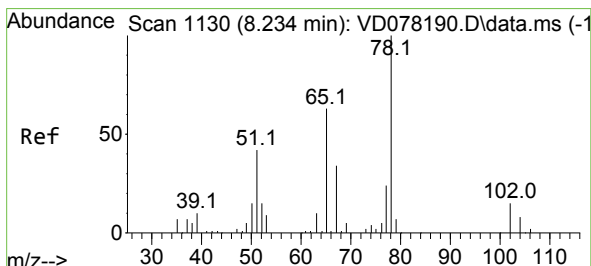
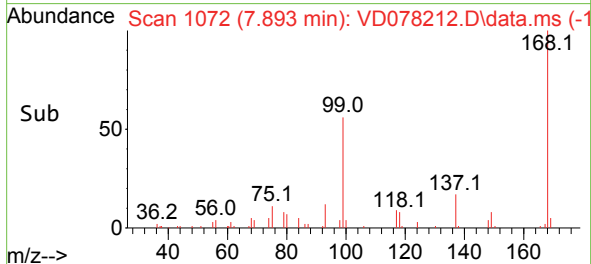
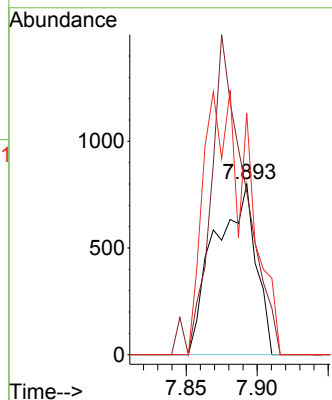
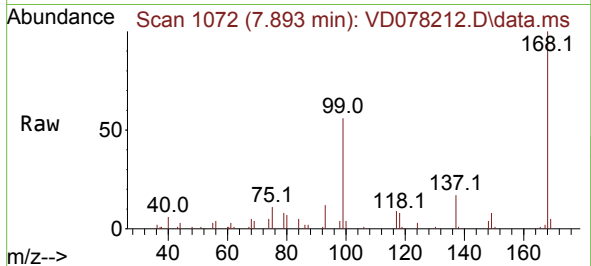




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.893 min Scan# 1070
Delta R.T. 0.012 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

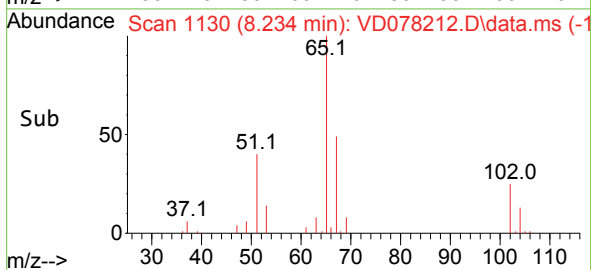
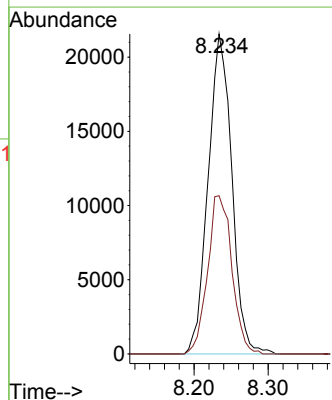
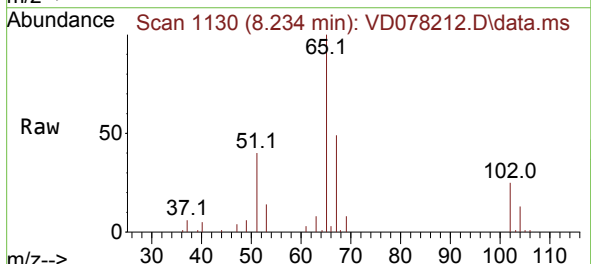
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1

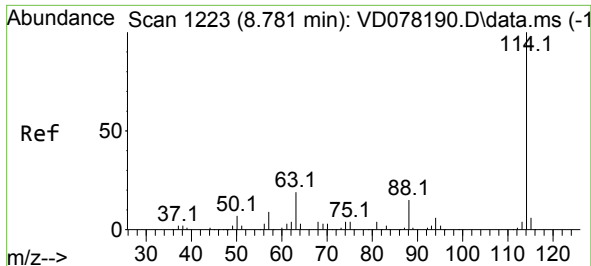
Tgt Ion: 56 Resp: 1595
Ion Ratio Lower Upper
56 100
69 95.3 28.6 43.0#
84 141.4 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 64.789 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Tgt Ion: 65 Resp: 47819
Ion Ratio Lower Upper
65 100
67 50.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078212.D

Acq: 23 Jan 2024 17:02

Instrument :

MSVOA_D

ClientSampleId :

69-TP-1

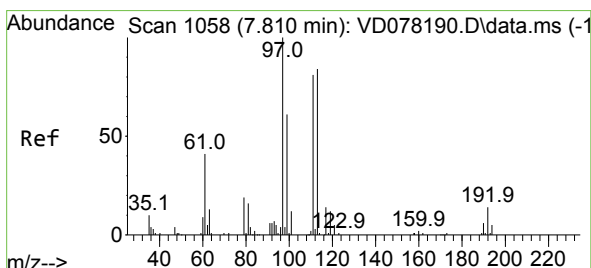
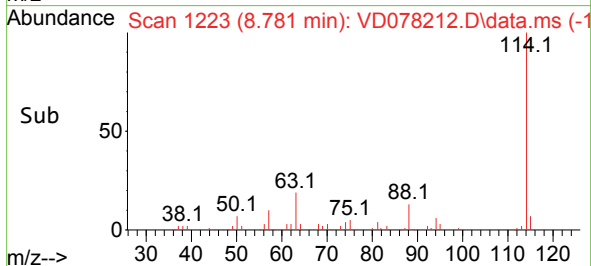
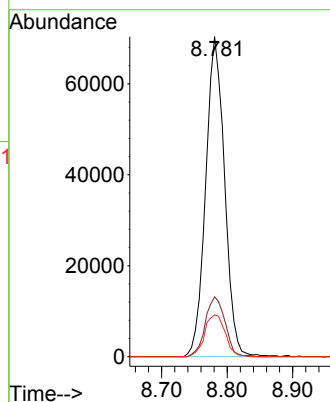
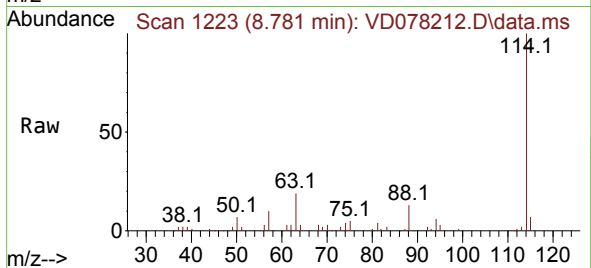
Tgt Ion:114 Resp: 141119

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.692 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078212.D

Acq: 23 Jan 2024 17:02

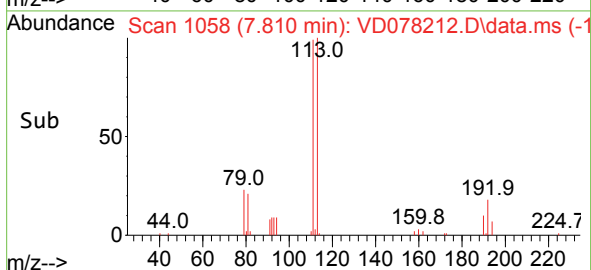
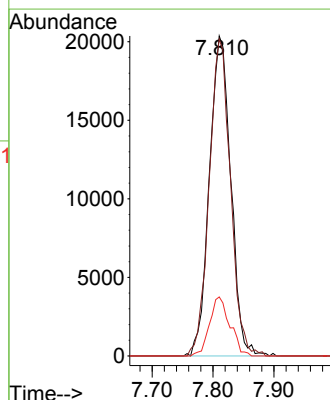
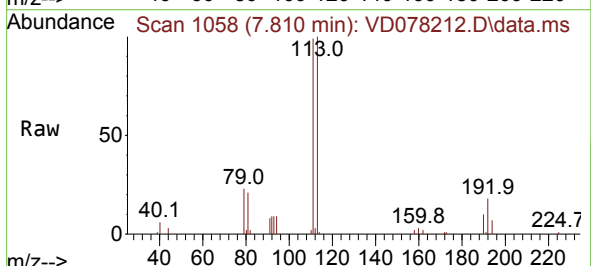
Tgt Ion:113 Resp: 49867

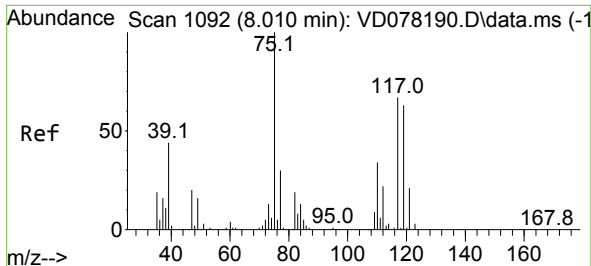
Ion Ratio Lower Upper

113 100

111 98.0 84.7 127.1

192 17.5 16.8 25.2

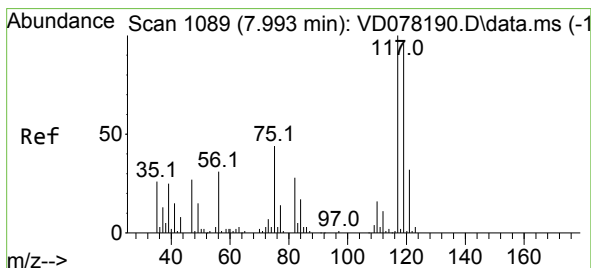
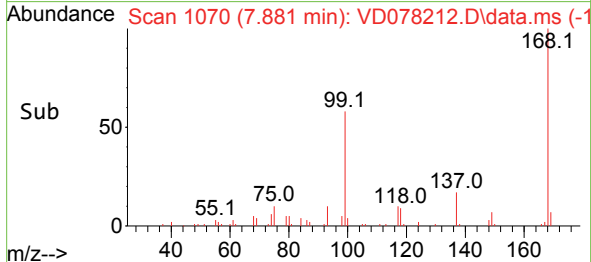
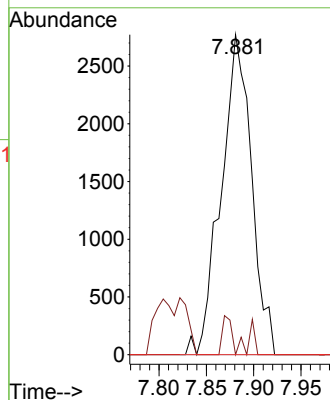
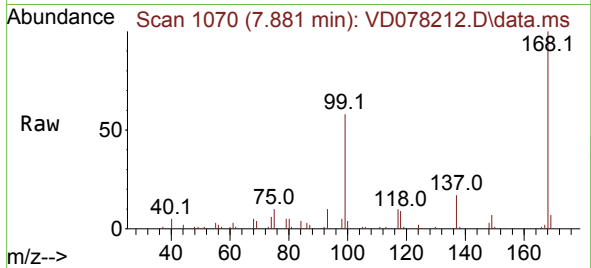




#36
1,1-Dichloropropene
Concen: 4.045 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

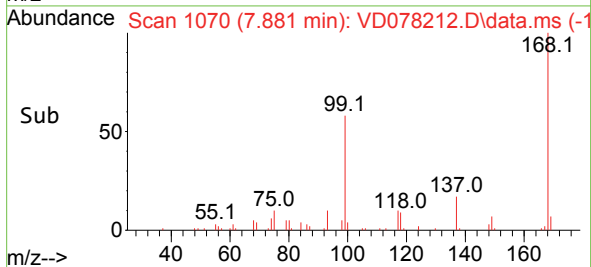
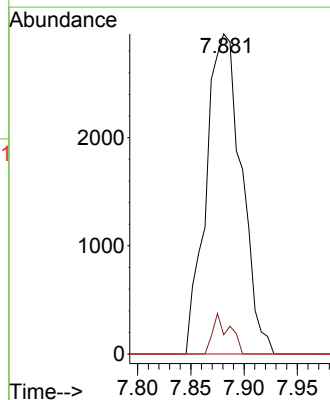
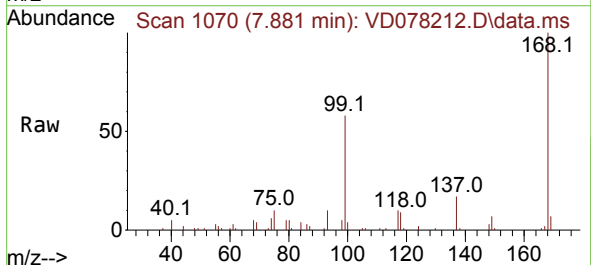
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1

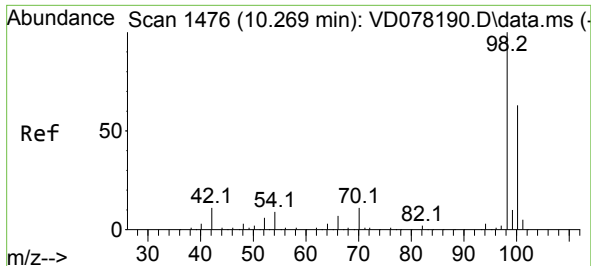
Tgt Ion: 75 Resp: 6178
Ion Ratio Lower Upper
75 100
110 3.6 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.539 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Tgt Ion: 117 Resp: 6846
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.2 36.2#

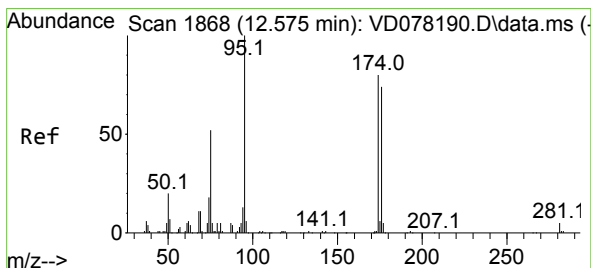
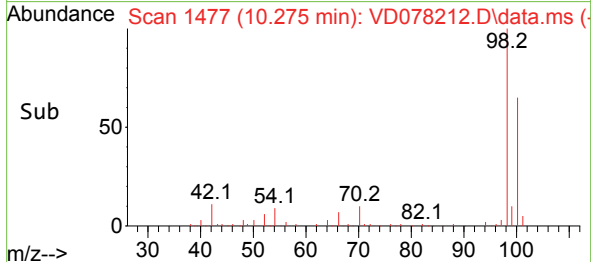
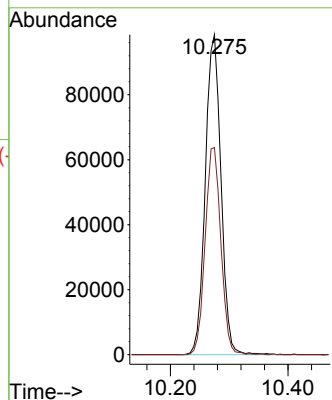
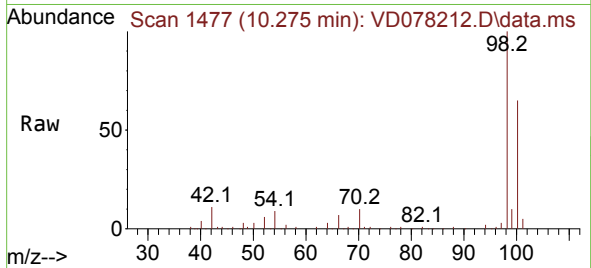




#50
Toluene-d8
Concen: 49.447 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

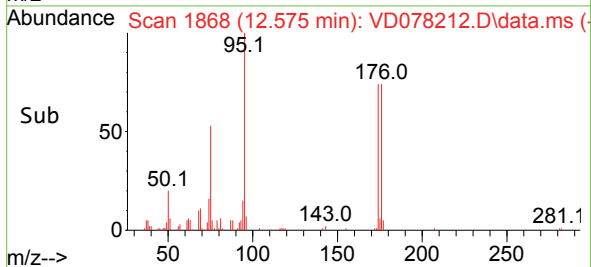
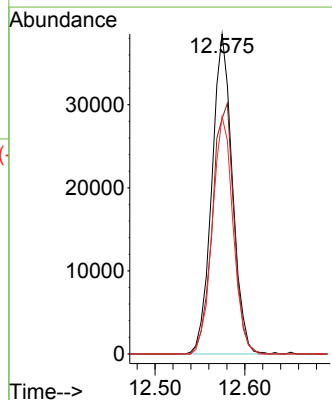
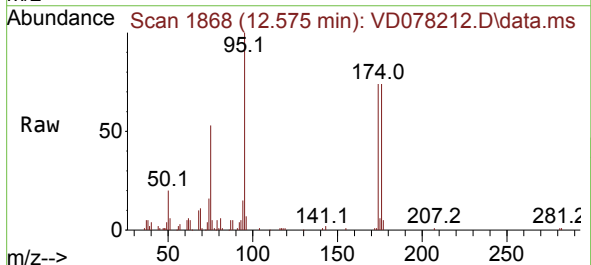
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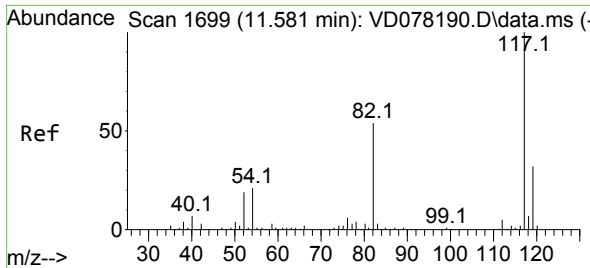
Tgt Ion: 98 Resp: 181844
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.363 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Tgt Ion: 95 Resp: 61177
Ion Ratio Lower Upper
95 100
174 81.8 0.0 201.8
176 75.1 0.0 191.8

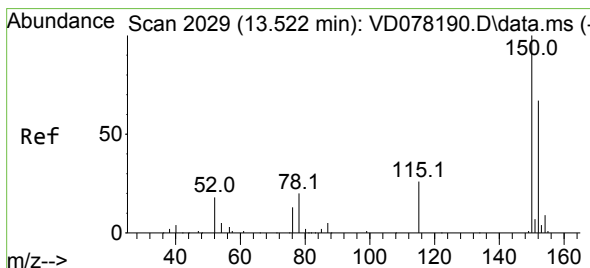
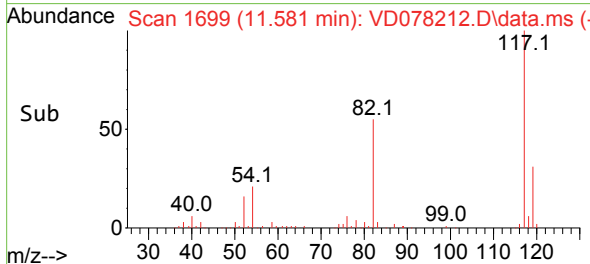
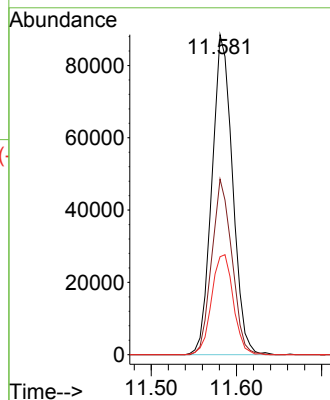
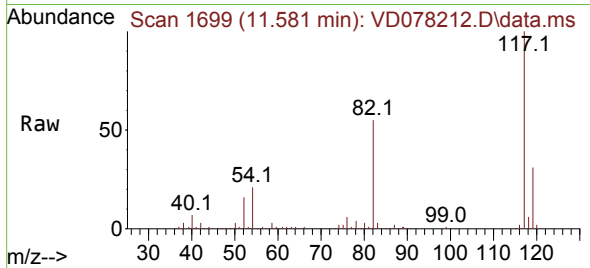




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

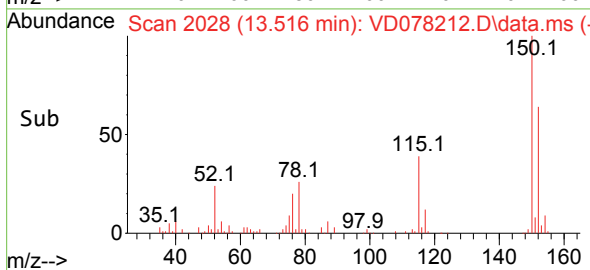
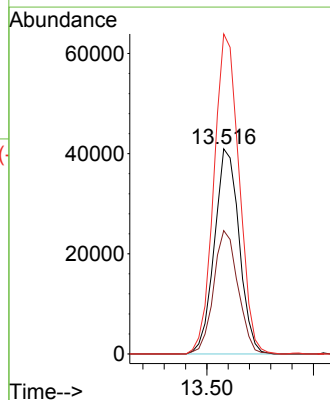
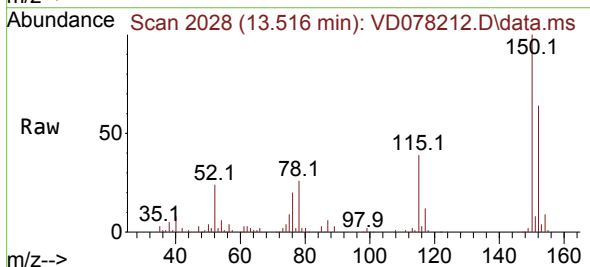
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1

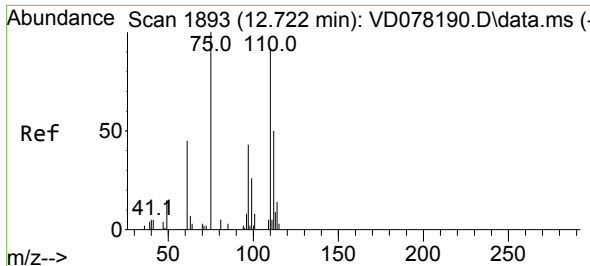
Tgt Ion:117 Resp: 149152
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Tgt Ion:152 Resp: 66077
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 158.7 0.0 353.6

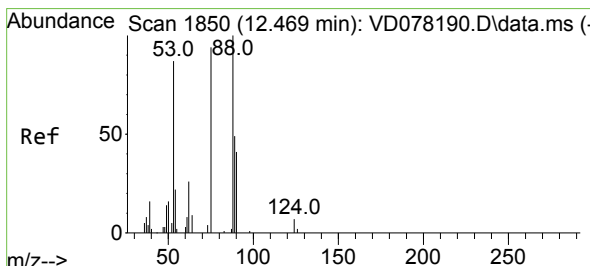
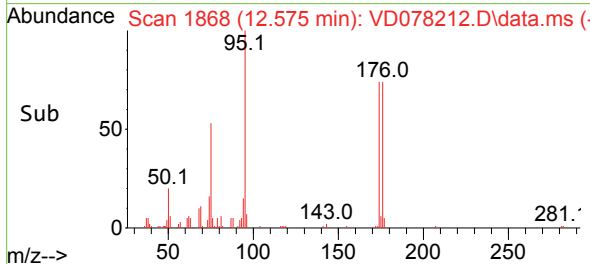
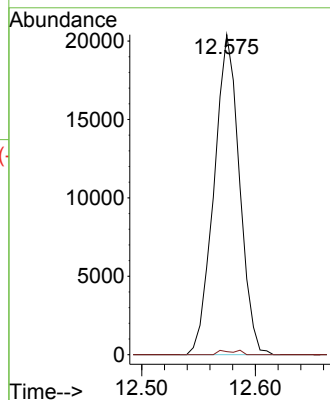
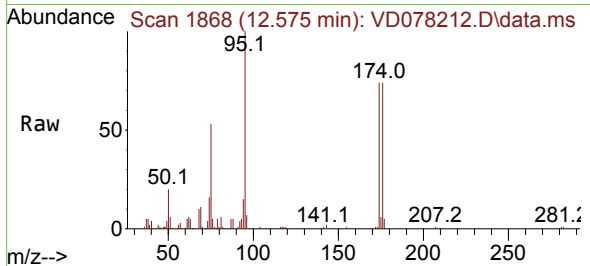




#76
1,2,3-Trichloropropane
Concen: 50.158 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Instrument :
MSVOA_D
ClientSampleId :
69-TP-1

Tgt Ion: 75 Resp: 31788
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.041 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078212.D
Acq: 23 Jan 2024 17:02

Tgt Ion: 75 Resp: 31788
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

