

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078224.D
 Acq On : 24 Jan 2024 15:46
 Operator : RP/MD
 Sample : P1233-01RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 69-TP-1RE

Quant Time: Jan 25 00:27:46 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)

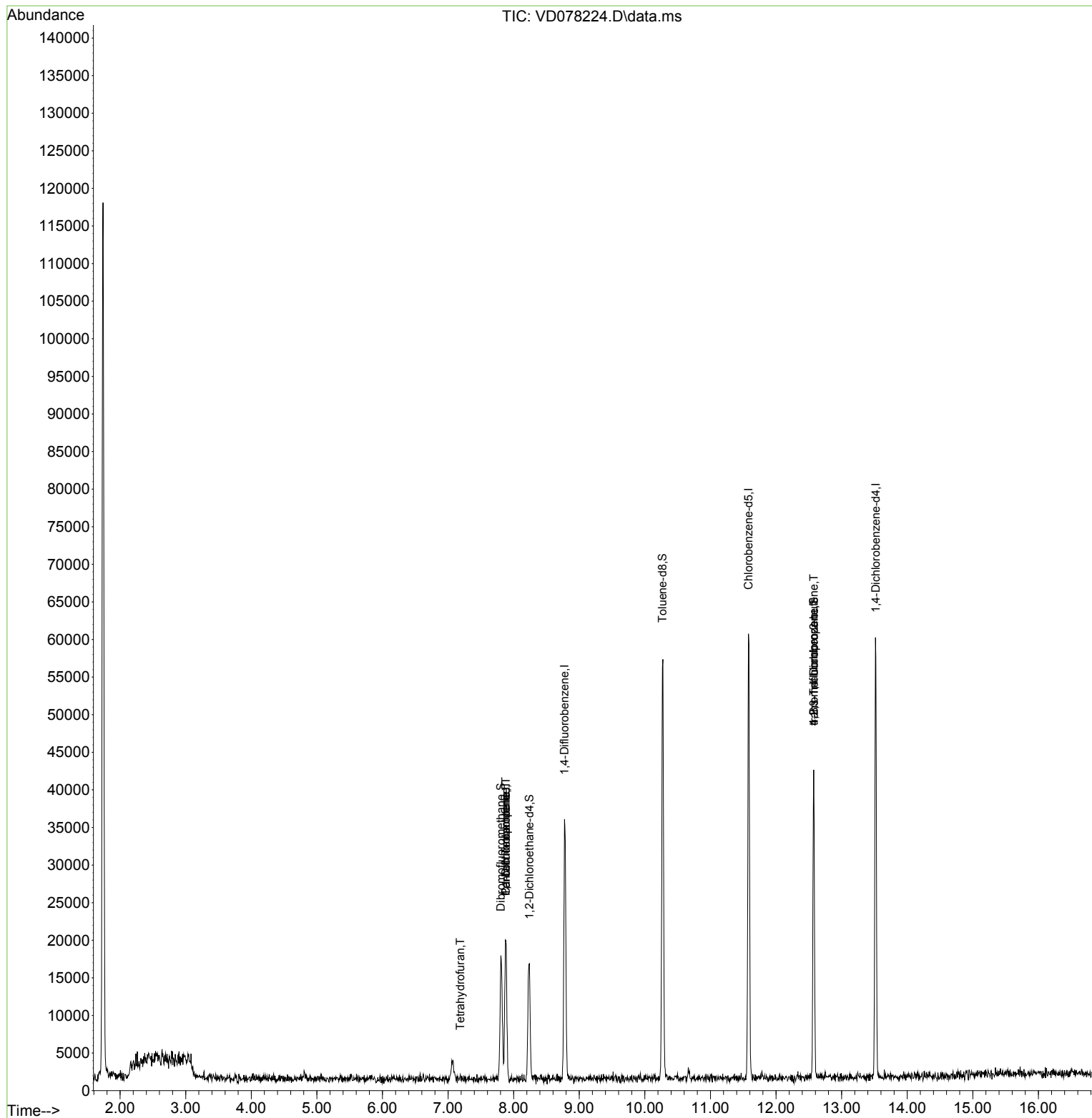
Internal Standards						
1) Pentafluorobenzene	7.881	168	14375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	13334	81.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.500%	
35) Dibromofluoromethane	7.804	113	11557	55.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.269	98	39618	48.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.575	95	13087	54.870	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	322	Below Cal	#	32
20) Methylene Chloride	4.816	84	204	Below Cal	#	32
25) 2-Butanone	7.052	43	58	Below Cal	#	37
29) Tetrahydrofuran	7.187	42	75	2.770	ug/l #	23
36) 1,1-Dichloropropene	7.881	75	1360	3.982	ug/l #	39
38) Carbon Tetrachloride	7.881	117	1692	5.016	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	7543	51.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	7543	111.766	ug/l #	17

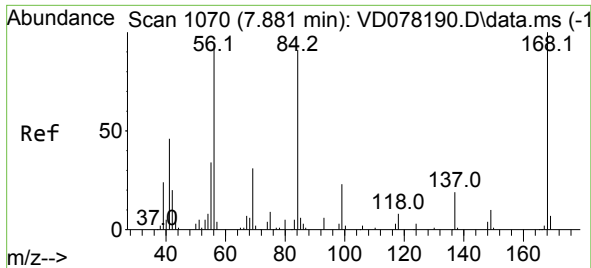
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
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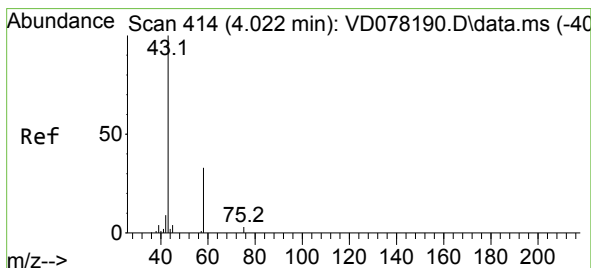
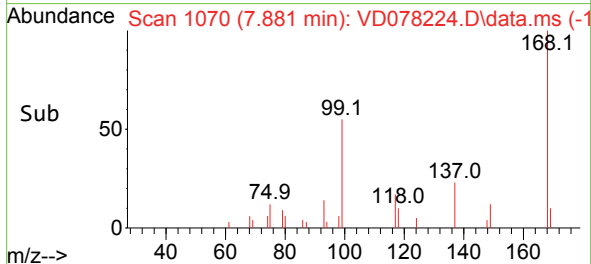
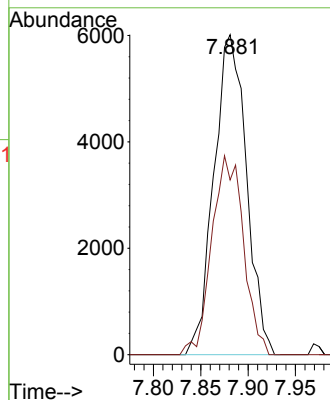
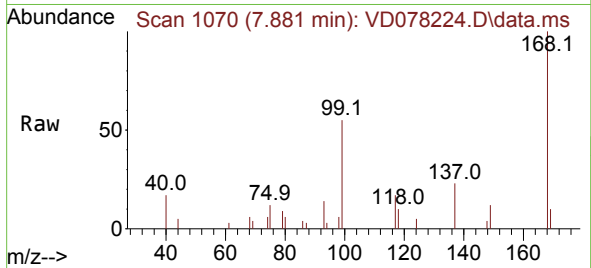




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

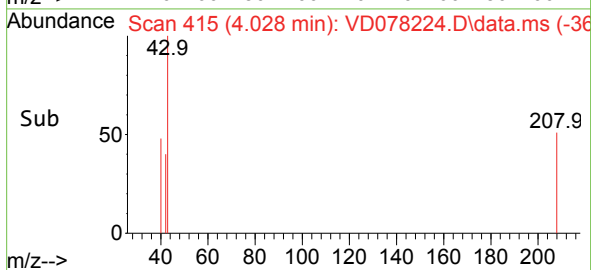
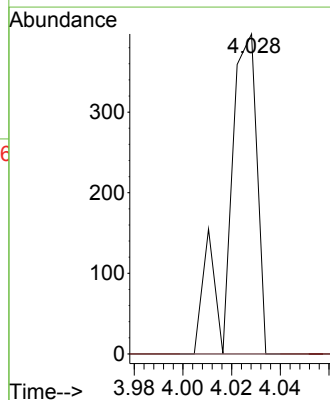
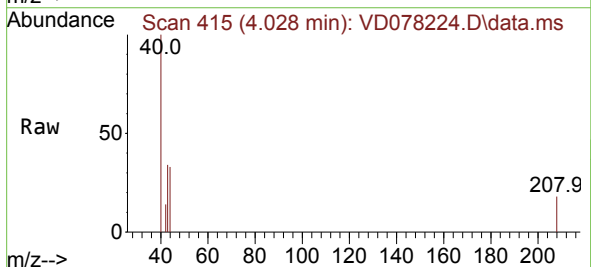
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1RE

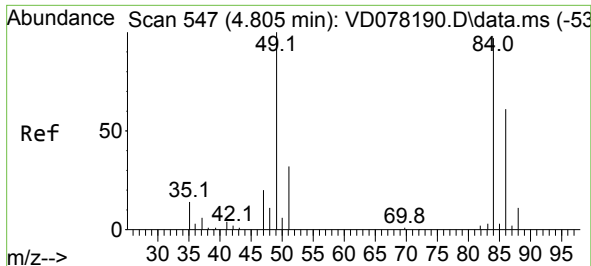
Tgt Ion:168 Resp: 14375
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

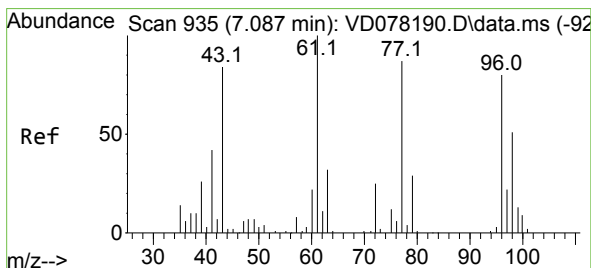
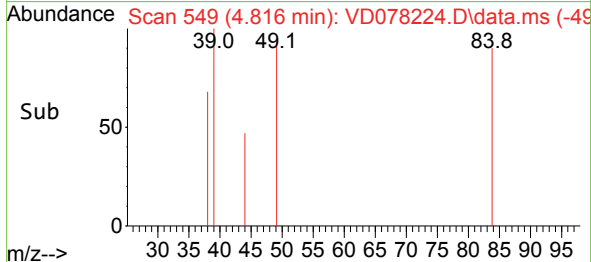
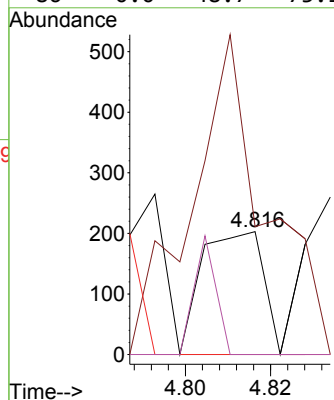
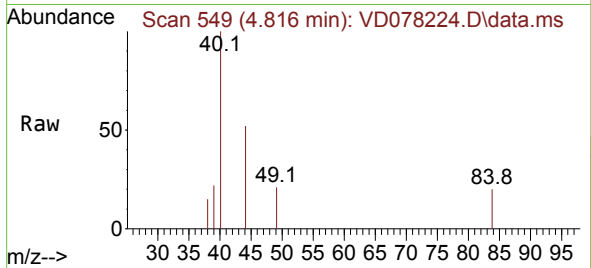




#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 547
Delta R.T. 0.011 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

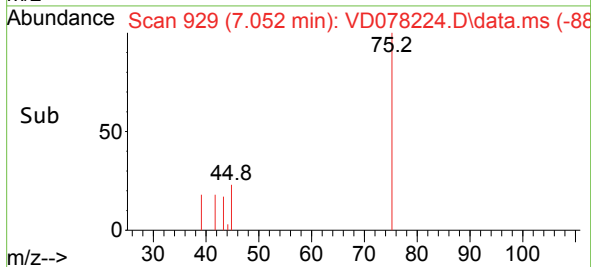
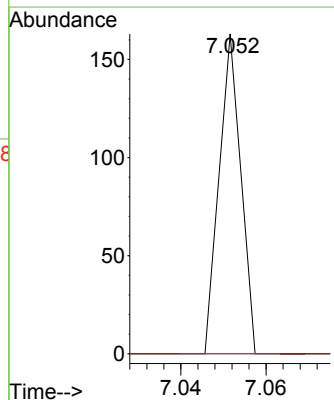
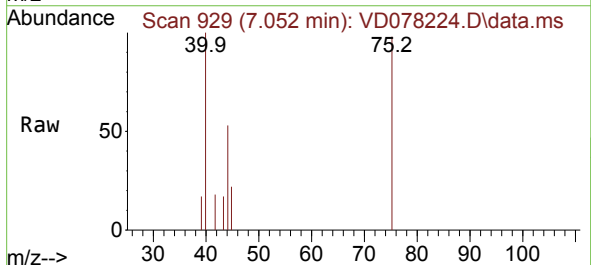
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1RE

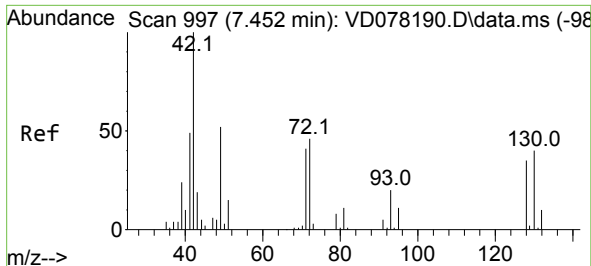
Tgt Ion: 84	Resp: 204
Ion Ratio	Lower Upper
84 100	
49 28.6	71.4 107.2#
51 0.0	24.5 36.7#
86 0.0	48.7 73.1#



#25
2-Butanone
Concen: Below Cal
RT: 7.052 min Scan# 929
Delta R.T. -0.035 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion: 43	Resp: 58
Ion Ratio	Lower Upper
43 100	
72 0.0	30.7 46.1#





#29

Tetrahydrofuran

Concen: 2.770 ug/l

RT: 7.187 min Scan# 91

Delta R.T. -0.265 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

69-TP-1RE

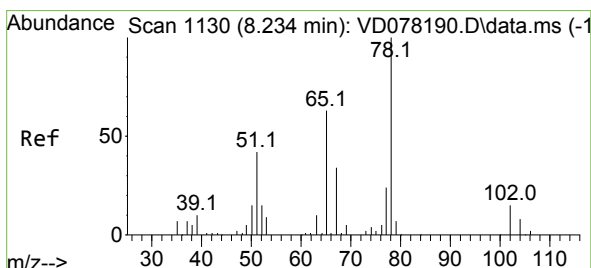
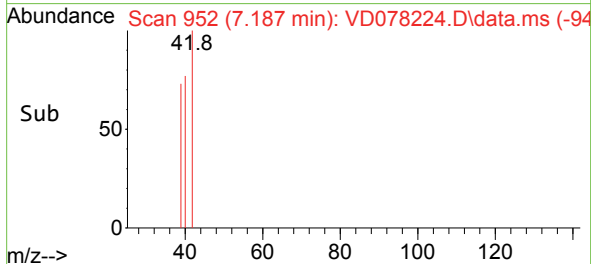
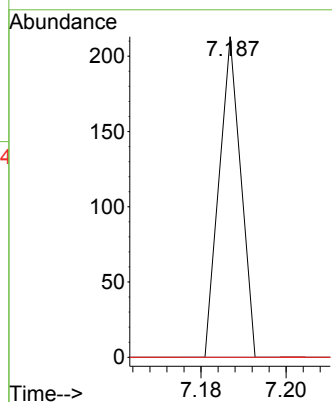
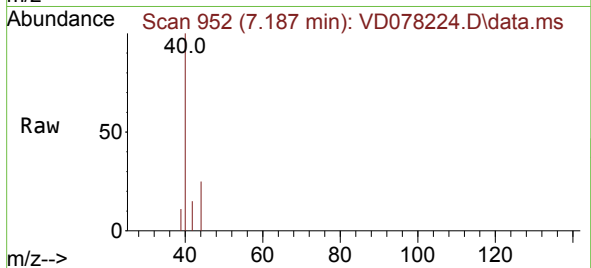
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 0.0 44.5 66.7#



#33

1,2-Dichloroethane-d4

Concen: 81.253 ug/l

RT: 8.240 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VD078224.D

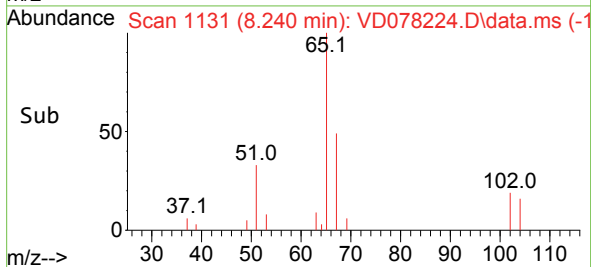
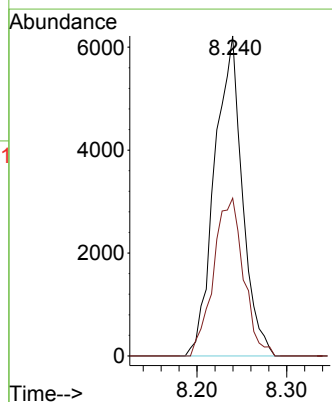
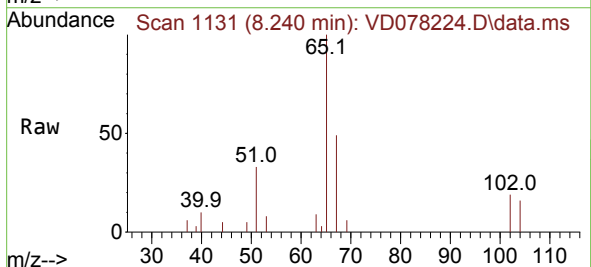
Acq: 24 Jan 2024 15:46

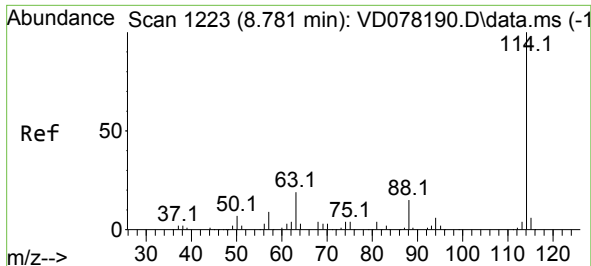
Tgt Ion: 65 Resp: 13334

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

69-TP-1RE

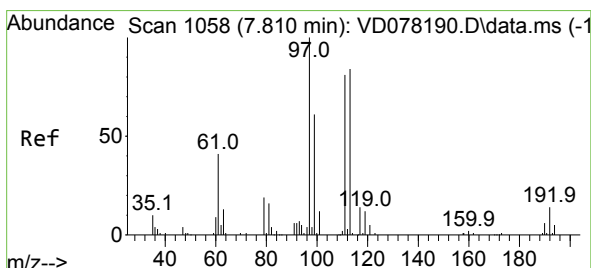
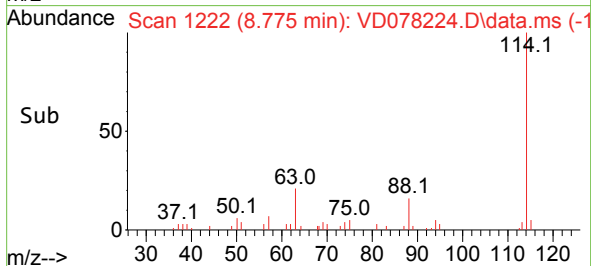
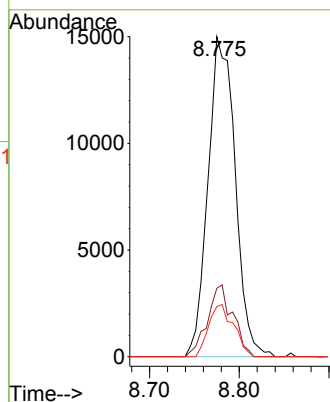
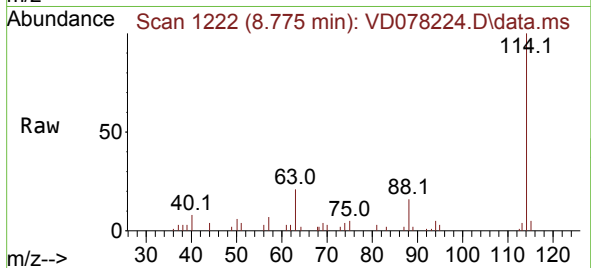
Tgt Ion:114 Resp: 31560

Ion Ratio Lower Upper

114 100

63 21.3 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 55.641 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

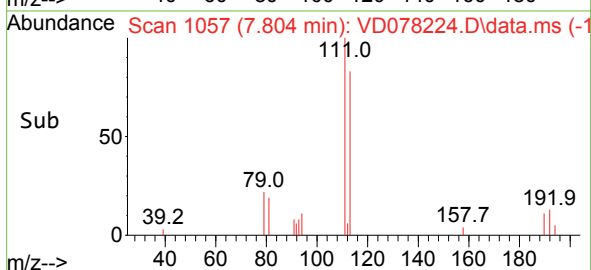
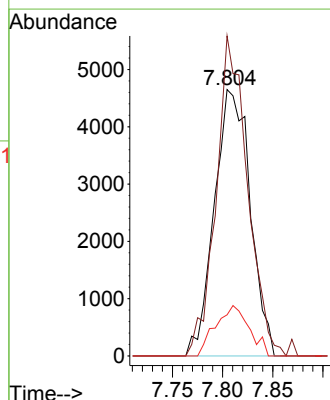
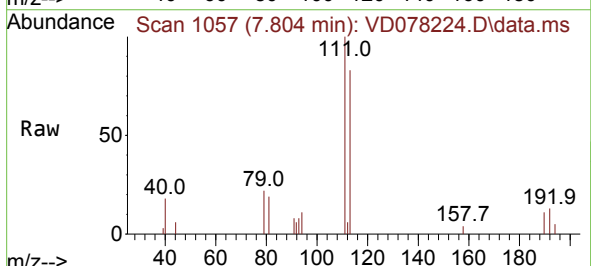
Tgt Ion:113 Resp: 11557

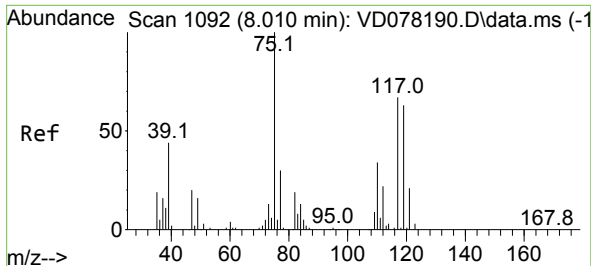
Ion Ratio Lower Upper

113 100

111 105.0 84.7 127.1

192 17.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.982 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

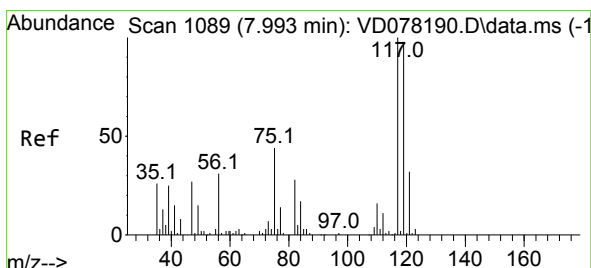
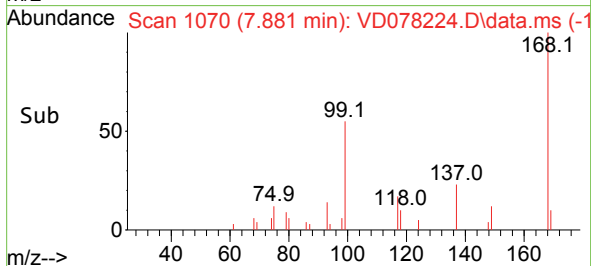
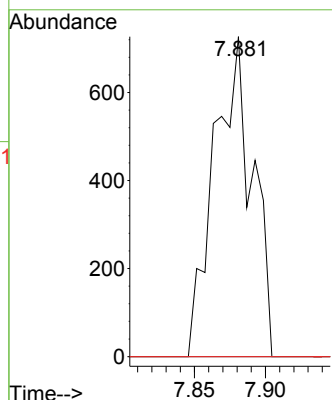
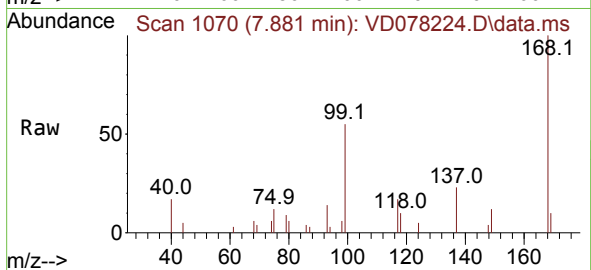
Instrument :

MSVOA_D

ClientSampleId :

69-TP-1RE

Tgt Ion: 75	Resp:	1360
Ion Ratio	Lower	Upper
75	100	
110	0.0	19.9 59.6#
77	0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.016 ug/l

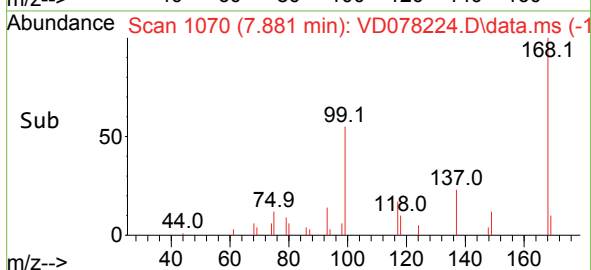
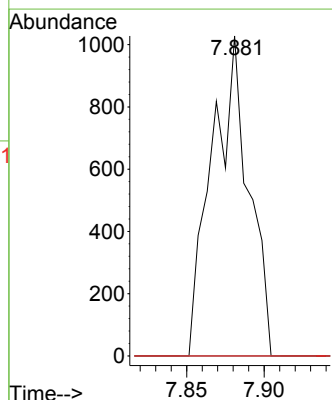
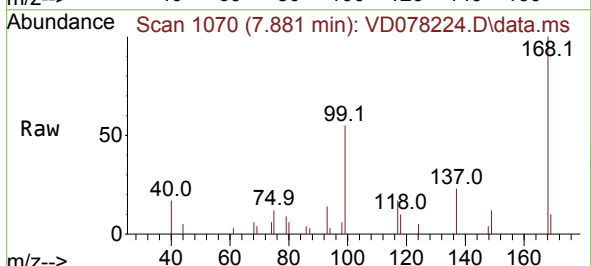
RT: 7.881 min Scan# 1070

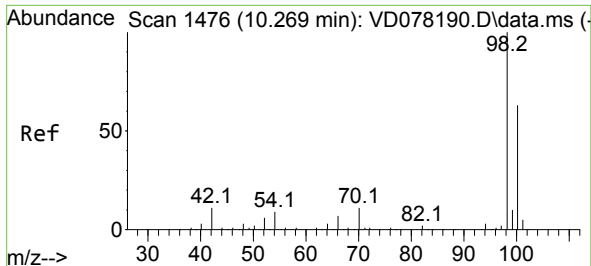
Delta R.T. -0.112 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

Tgt Ion: 117	Resp:	1692
Ion Ratio	Lower	Upper
117	100	
119	0.0	78.0 117.0#
121	0.0	24.2 36.2#

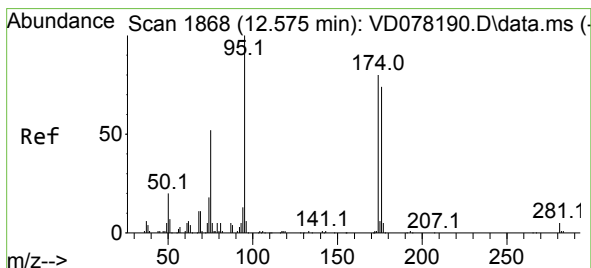
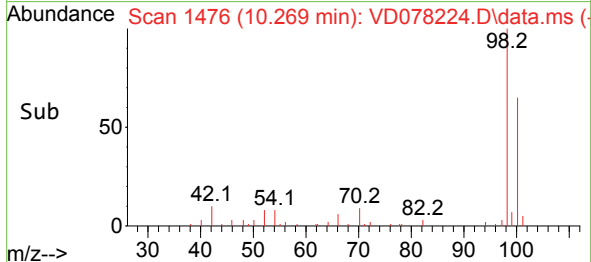
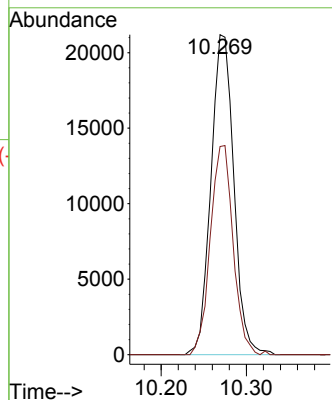
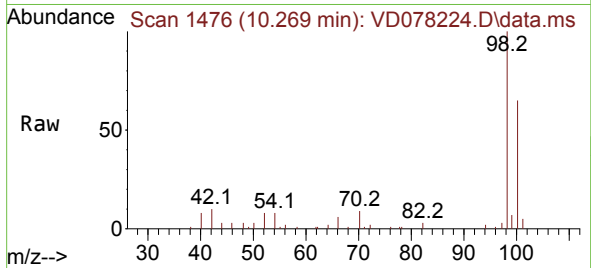




#50
Toluene-d8
Concen: 48.171 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

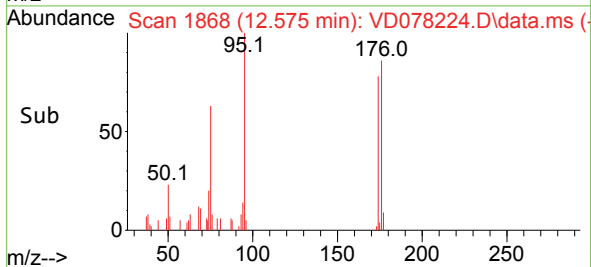
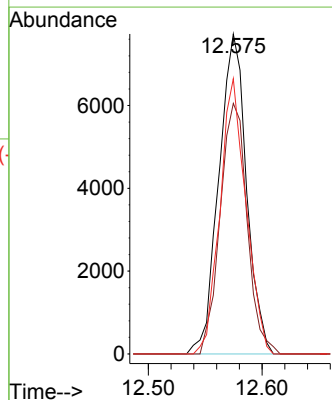
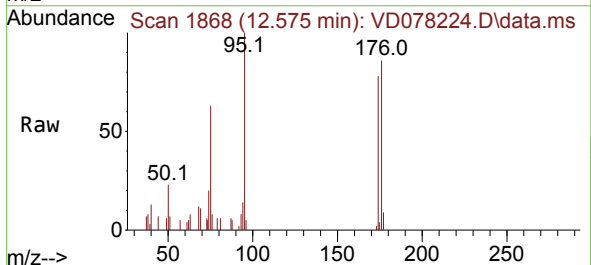
Instrument :
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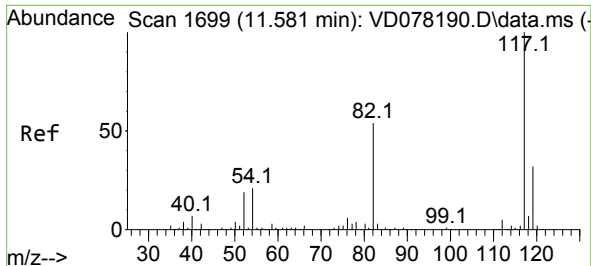
Tgt Ion: 98 Resp: 39618
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.870 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion: 95 Resp: 13087
Ion Ratio Lower Upper
95 100
174 76.2 0.0 201.8
176 81.1 0.0 191.8

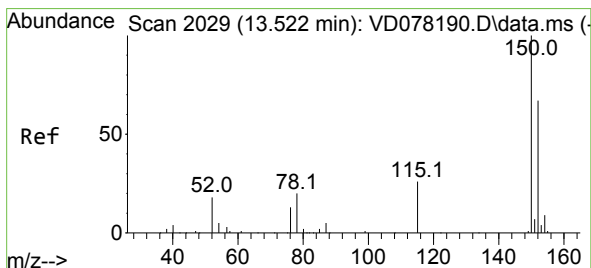
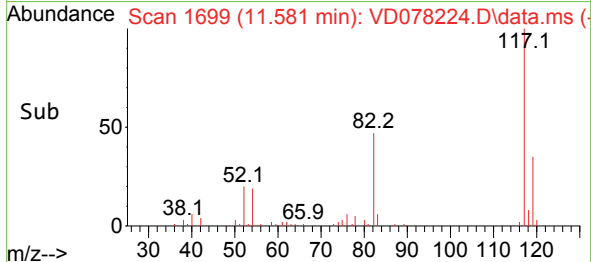
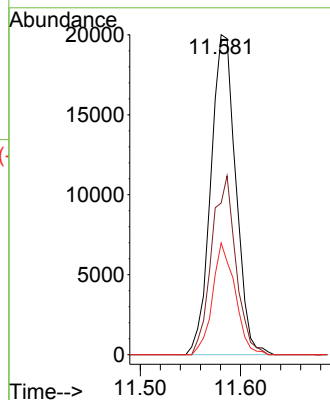
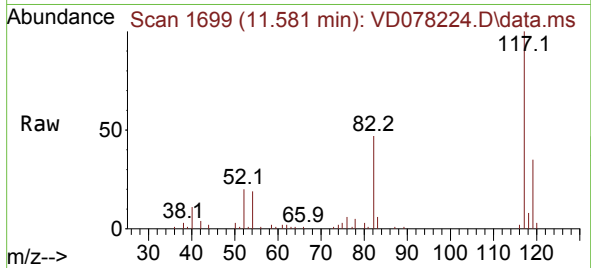




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

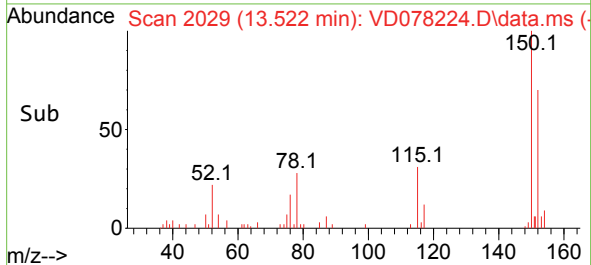
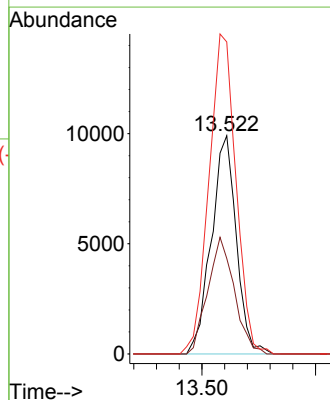
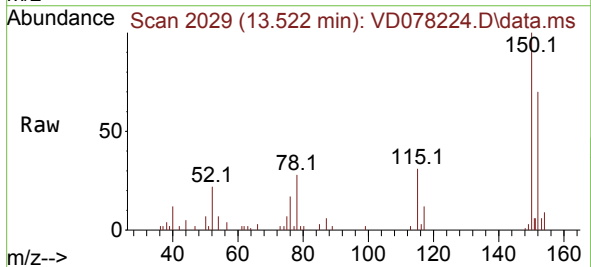
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1RE

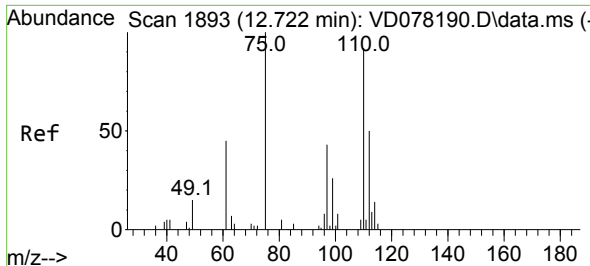
Tgt Ion	Ratio	Lower	Upper
117	100		
82	47.4	38.3	57.5
119	34.9	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.1	81.3
150	158.0	0.0	353.6

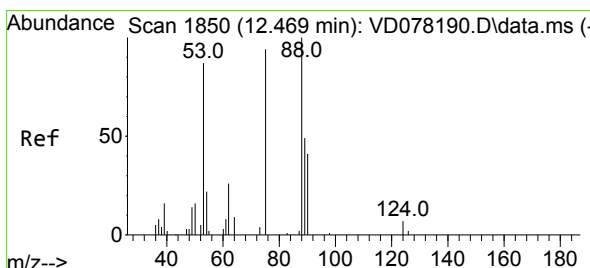
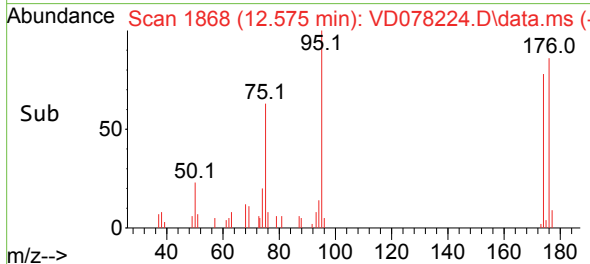
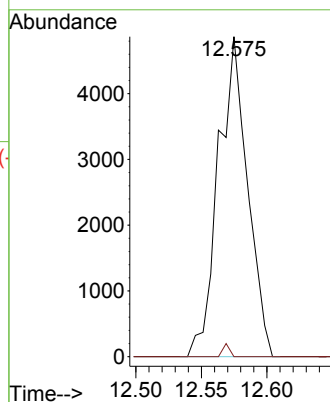
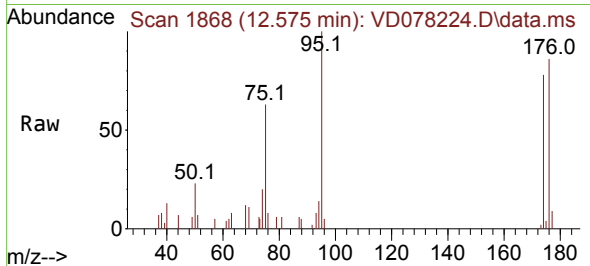




#76
1,2,3-Trichloropropane
Concen: 51.886 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :
69-TP-1RE

Tgt Ion: 75 Resp: 7543
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.766 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion: 75 Resp: 7543
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

