

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078693.D
 Acq On : 18 Mar 2024 13:35
 Operator : RP/MD
 Sample : P1326-03
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1

Quant Time: Mar 18 16:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

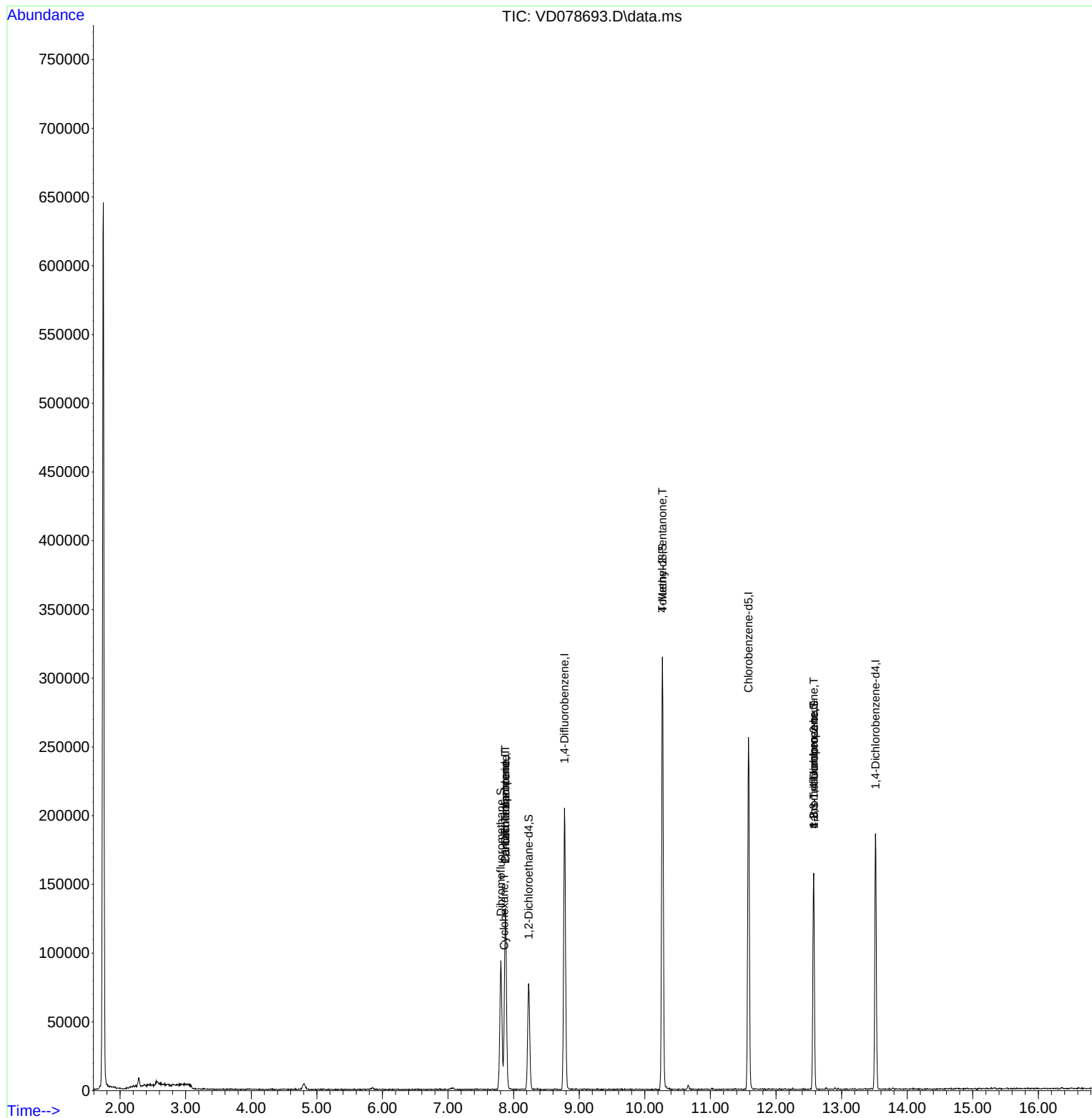
Internal Standards						
1) Pentafluorobenzene	7.875	168	103562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	157711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59504	61.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.620%	
35) Dibromofluoromethane	7.805	113	64965	53.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.800%	
50) Toluene-d8	10.269	98	224133	50.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.575	95	46666	35.987	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.980%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	3468	Below Cal	#	73
31) Cyclohexane	7.858	56	2182	1.338	ug/l #	59
36) 1,1-Dichloropropene	7.875	75	7788	4.454	ug/l #	48
38) Carbon Tetrachloride	7.875	117	10632	5.767	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	866	1.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	25030	65.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25030	137.551	ug/l #	19

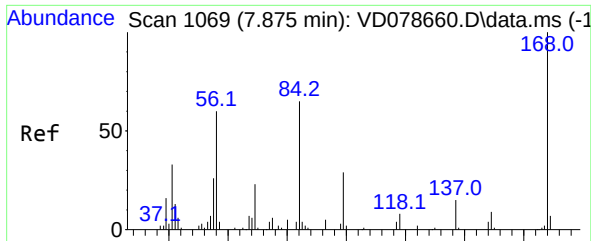
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
1

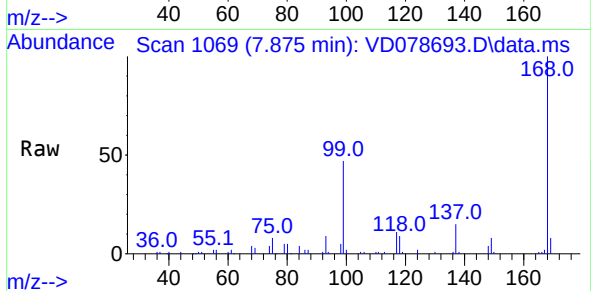
Quant Time: Mar 18 16:02:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



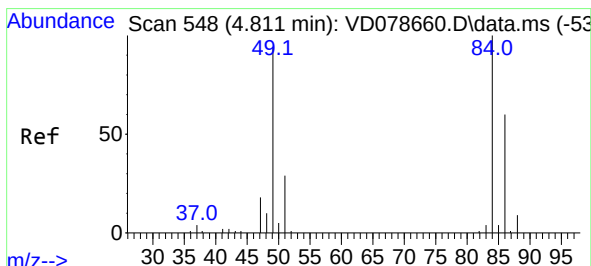
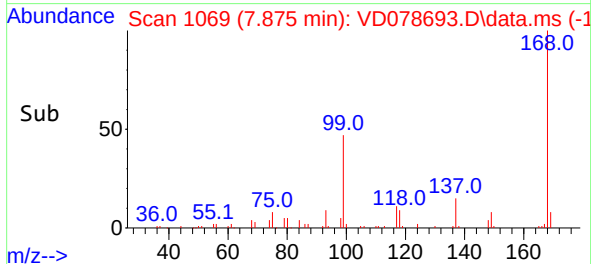
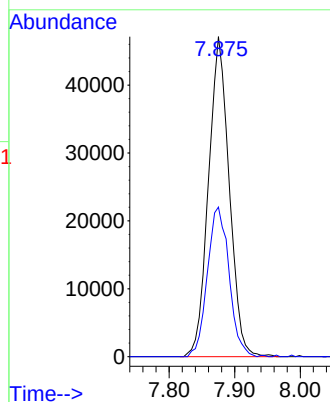


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

Instrument :
MSVOA_D
ClientSampleId :
1

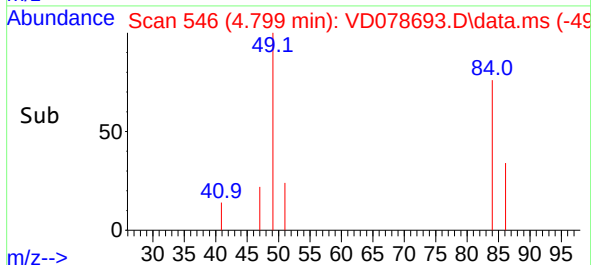
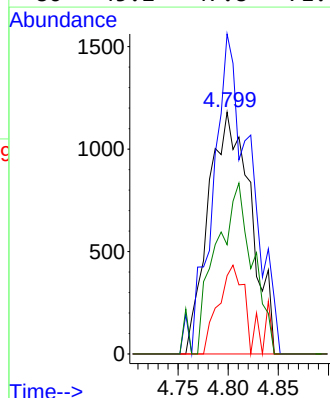
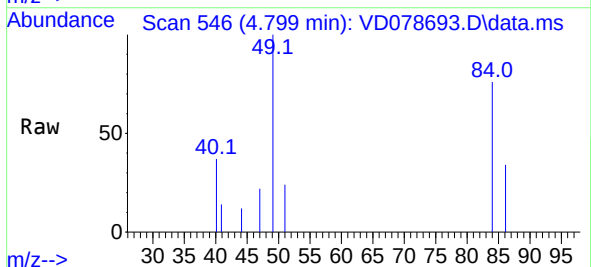


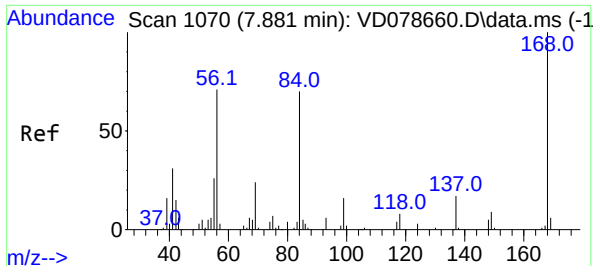
Tgt Ion:168 Resp: 103562
Ion Ratio Lower Upper
168 100
99 46.8 38.8 58.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

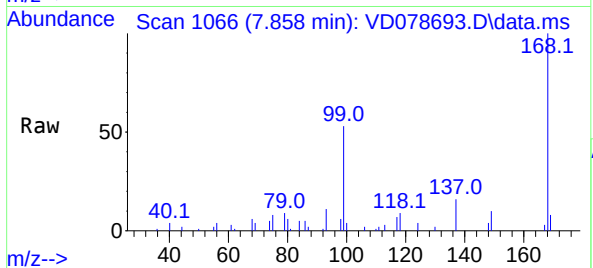
Tgt Ion: 84 Resp: 3468
Ion Ratio Lower Upper
84 100
49 132.4 75.6 113.4#
51 32.4 23.4 35.0
86 45.2 47.8 71.6#



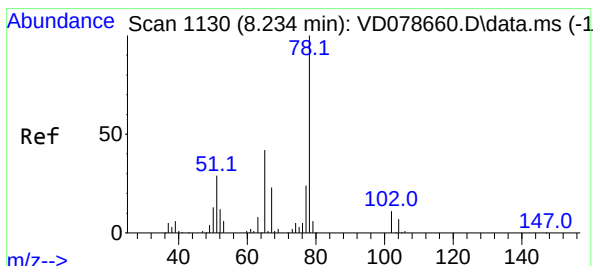
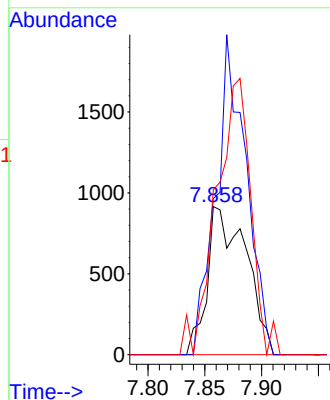
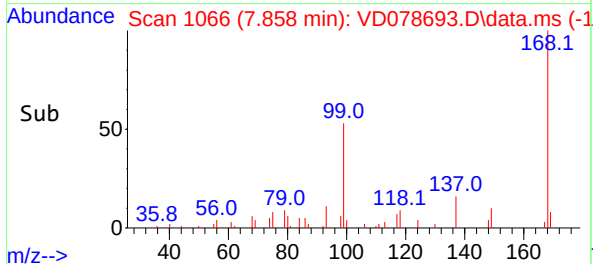


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.858 min Scan# 1106
Delta R.T. -0.023 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

Instrument :
MSVOA_D
ClientSampleId :
1

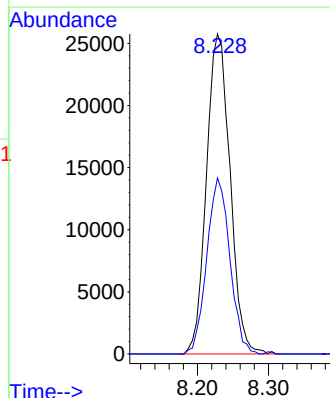
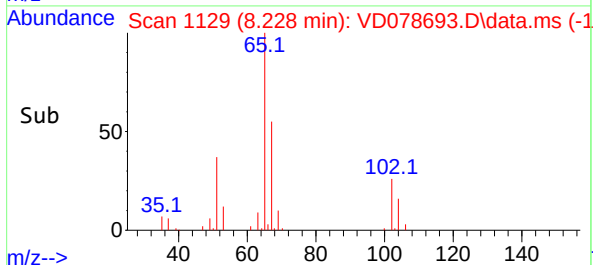
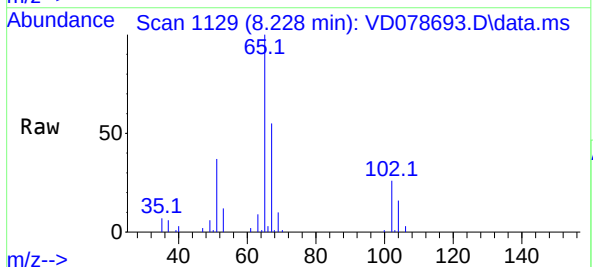


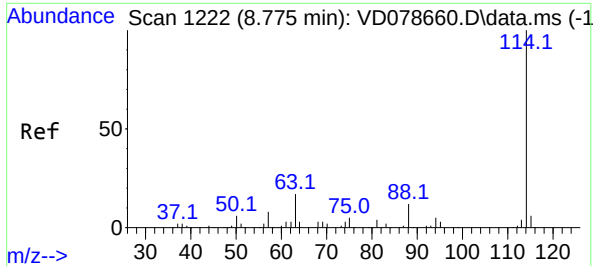
Tgt Ion: 56 Resp: 2182
Ion Ratio Lower Upper
56 100
69 105.3 26.6 40.0#
84 111.2 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 61.310 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

Tgt Ion: 65 Resp: 59504
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2

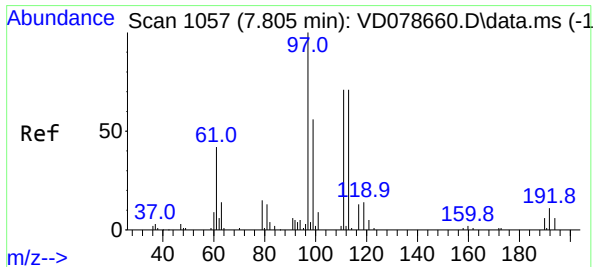
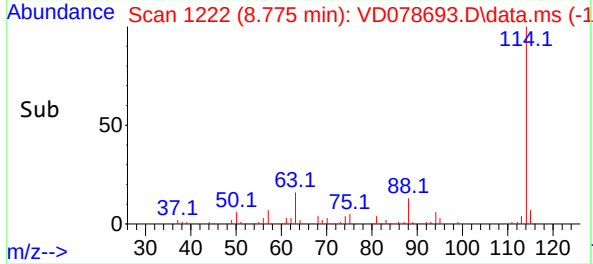
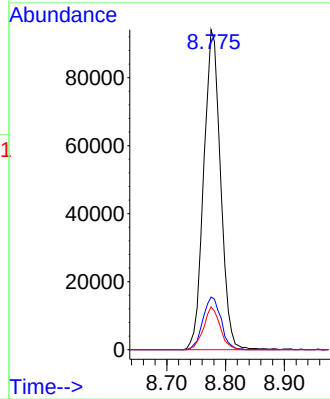
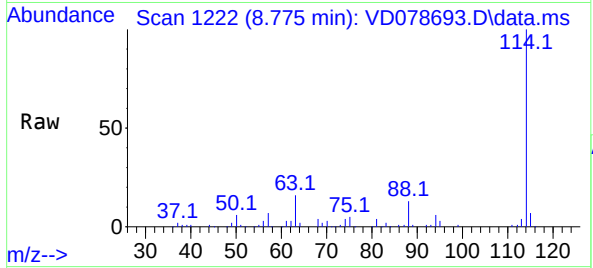




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

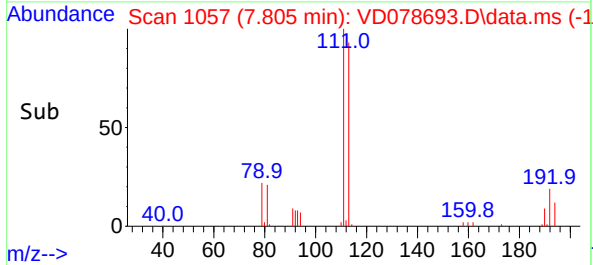
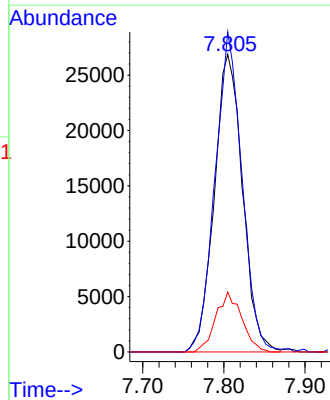
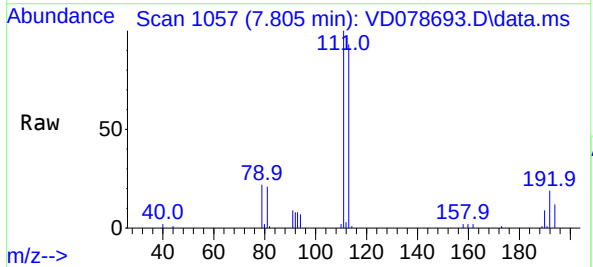
Instrument :
MSVOA_D
ClientSampleId :
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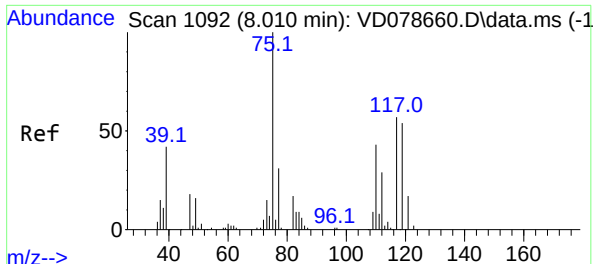
Tgt Ion:114	Resp:	187194
Ion	Ratio	Lower Upper
114	100	
63	16.4	0.0 33.4
88	13.4	0.0 24.6



#35
Dibromofluoromethane
Concen: 53.902 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

Tgt Ion:113	Resp:	64965
Ion	Ratio	Lower Upper
113	100	
111	102.6	81.9 122.9
192	18.4	15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.454 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078693.D

Acq: 18 Mar 2024 13:35

Instrument :

MSVOA_D

ClientSampleId :

1

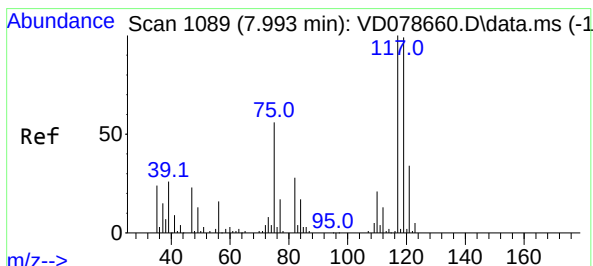
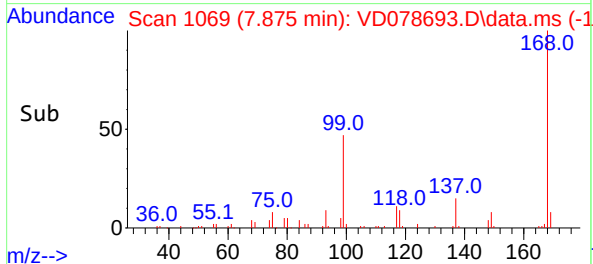
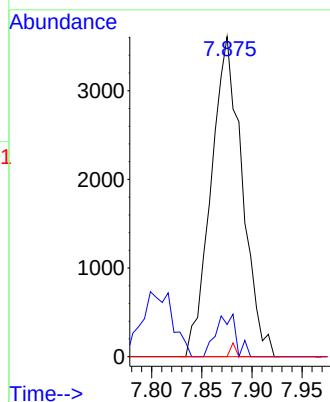
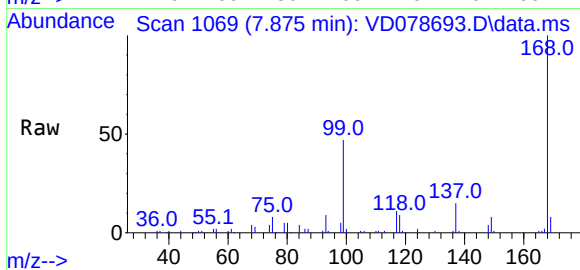
Tgt Ion: 75 Resp: 7788

Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.1#

77 0.7 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.767 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078693.D

Acq: 18 Mar 2024 13:35

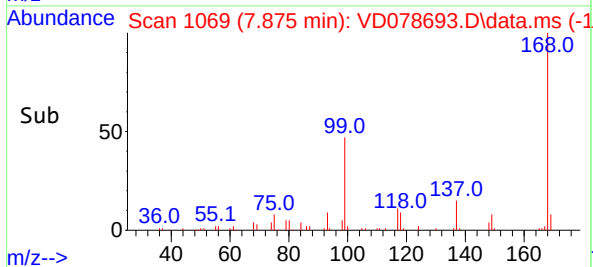
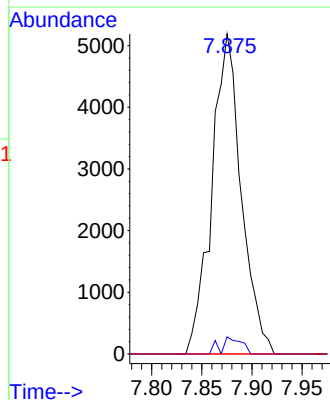
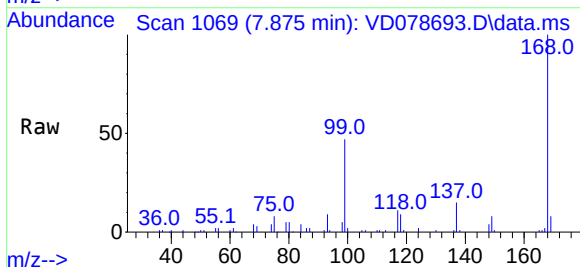
Tgt Ion: 117 Resp: 10632

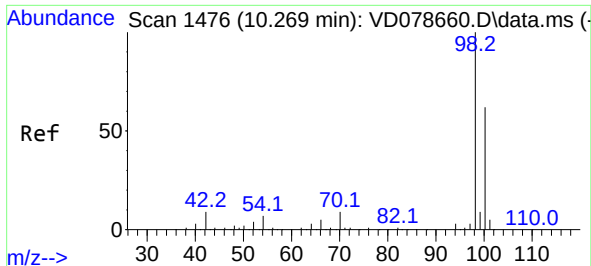
Ion Ratio Lower Upper

117 100

119 5.4 79.2 118.8#

121 0.0 26.8 40.2#

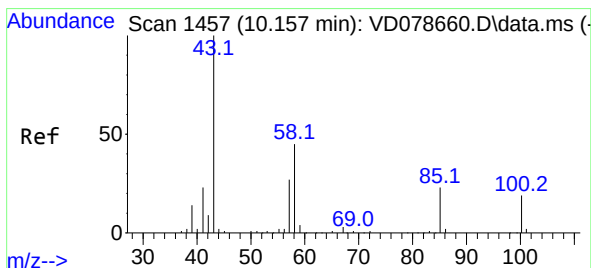
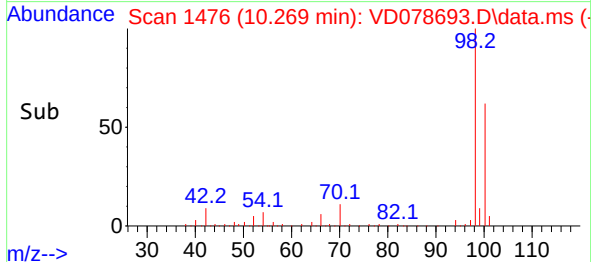
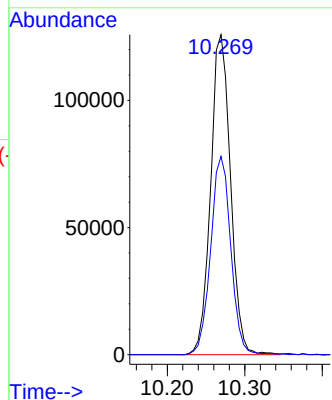
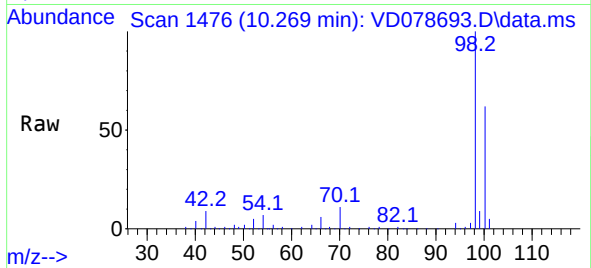




#50
Toluene-d8
Concen: 50.565 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

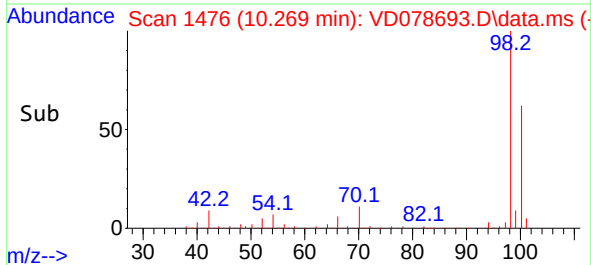
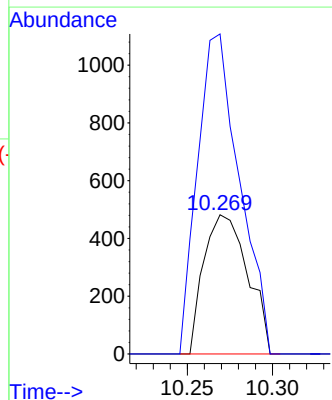
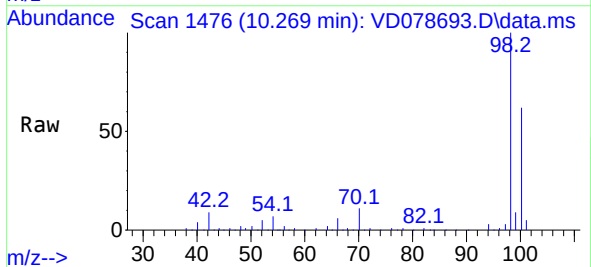
Instrument :
MSVOA_D
ClientSampleId :
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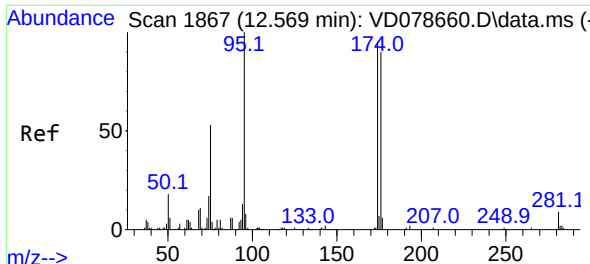
Tgt Ion: 98 Resp: 224133
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.594 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 219.5 36.4 54.6#

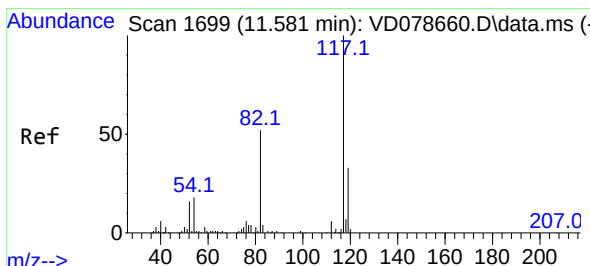
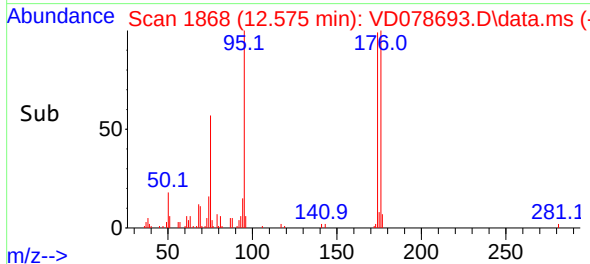
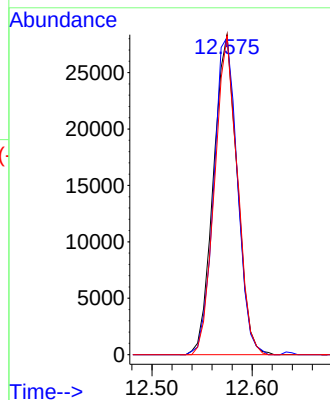
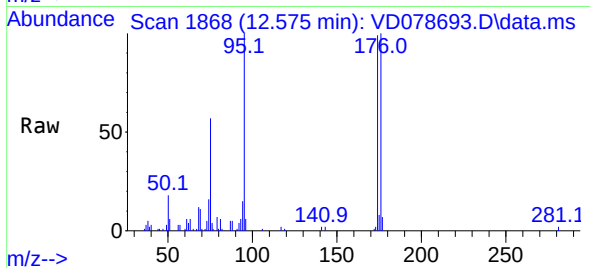




#62
4-Bromofluorobenzene
Concen: 35.987 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

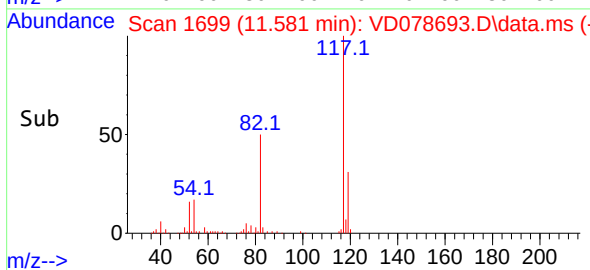
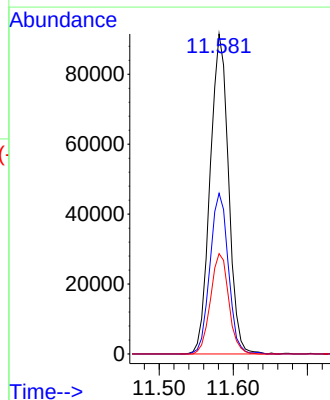
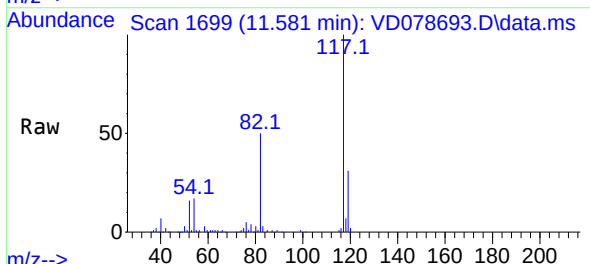
Instrument :
MSVOA_D
ClientSampleId :
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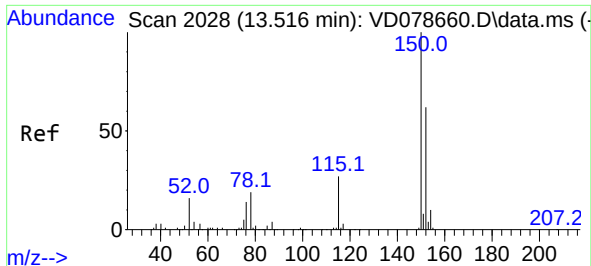
Tgt Ion:	95	Resp:	46666
Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	195.2
176	95.0	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078693.D
Acq: 18 Mar 2024 13:35

Tgt Ion:	117	Resp:	157711
Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.2
119	31.4	26.5	39.7

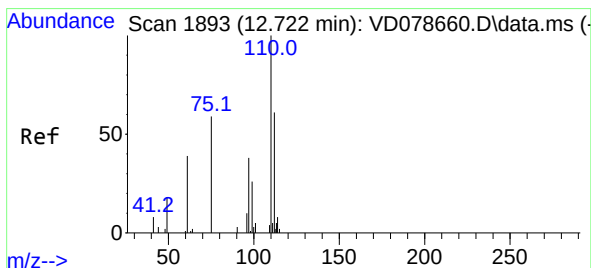
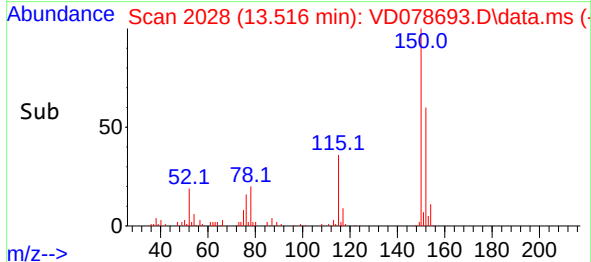
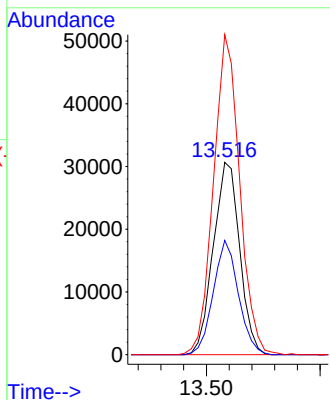
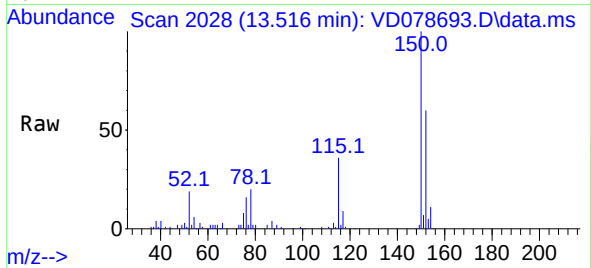




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

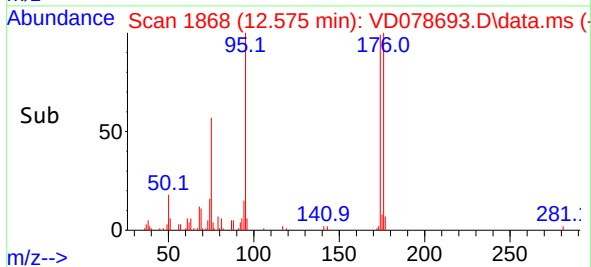
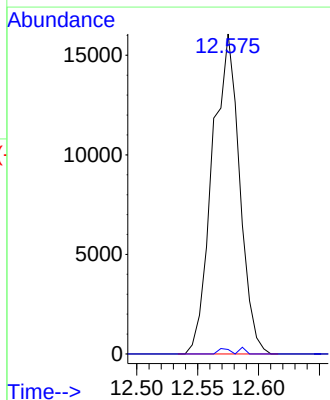
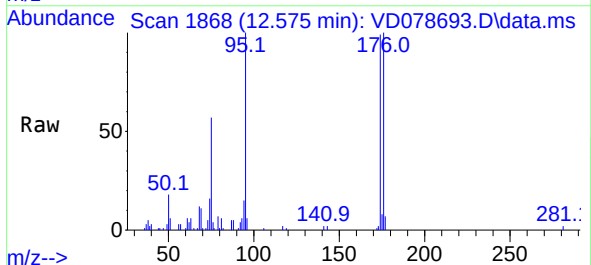
Instrument :
 MSVOA_D
 ClientSampleId :
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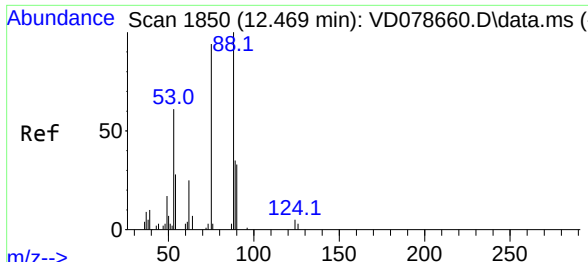
Tgt Ion:152 Resp: 49509
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.2
 150 164.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 65.620 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

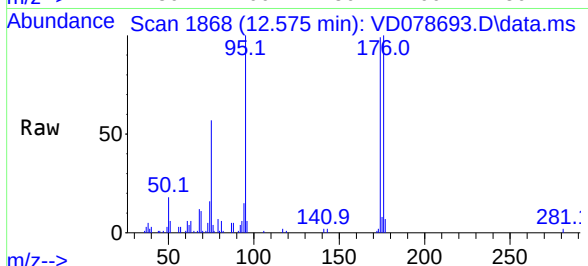
Tgt Ion: 75 Resp: 25030
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.551 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 1



Tgt Ion:	75	Resp:	25030
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

