

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078742.D
 Acq On : 22 Mar 2024 14:55
 Operator : RP/MD
 Sample : P1829-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-031224

Quant Time: Mar 22 23:20:43 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)

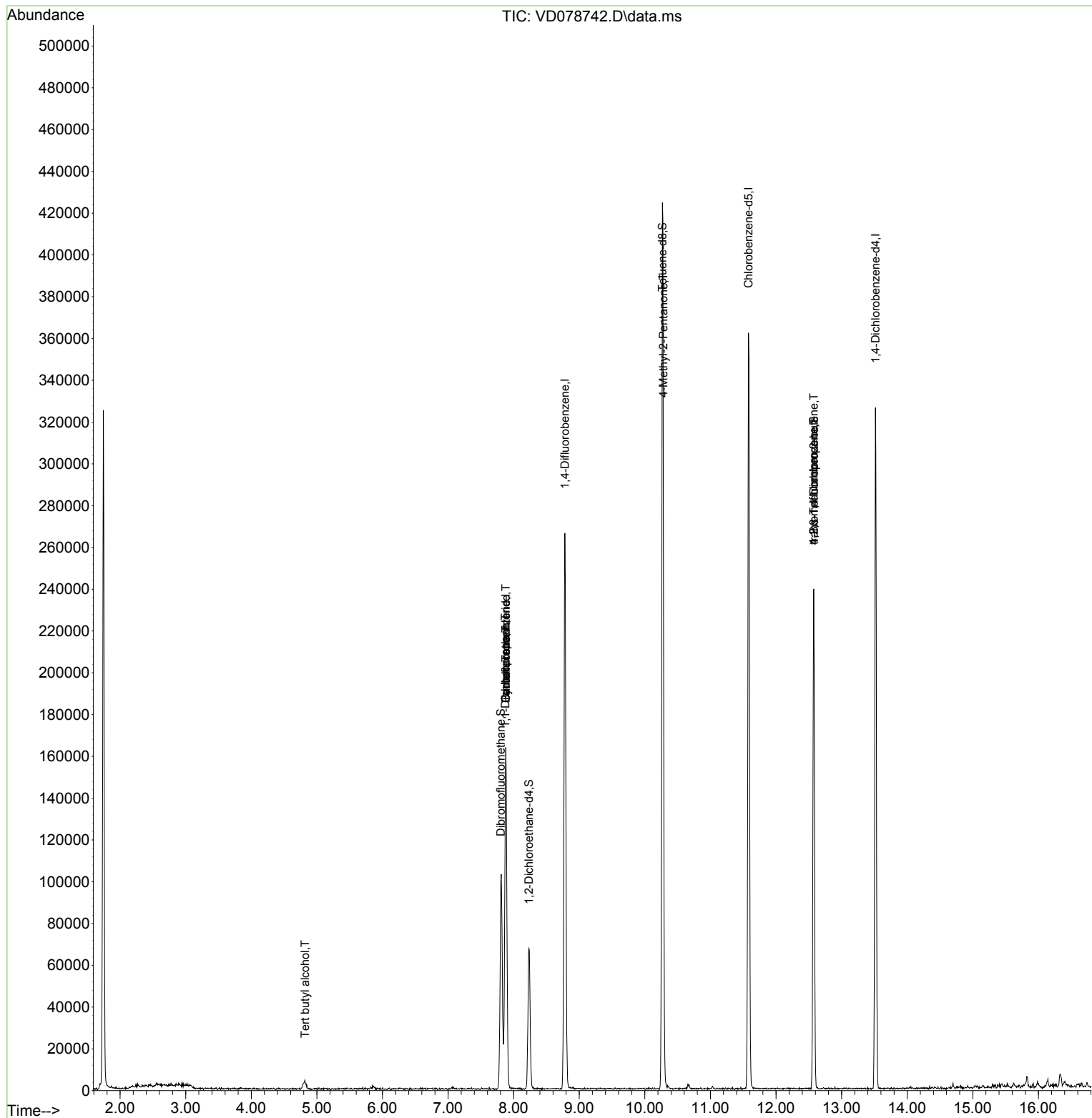
Internal Standards						
1) Pentafluorobenzene	7.881	168	127473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52466	43.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.840%
35) Dibromofluoromethane	7.804	113	74717	47.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.269	98	306944	52.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.575	95	71086	41.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.822	59	72	1.347	ug/l #	75
20) Methylene Chloride	4.816	84	3365	Below Cal	#	73
31) Cyclohexane	7.881	56	3058	1.523	ug/l #	39
36) 1,1-Dichloropropene	7.875	75	10011	4.373	ug/l #	48
38) Carbon Tetrachloride	7.881	117	12207	5.058	ug/l #	14
51) 4-Methyl-2-Pentanone	10.281	43	1302	1.831	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	37638	53.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37638	111.499	ug/l #	19

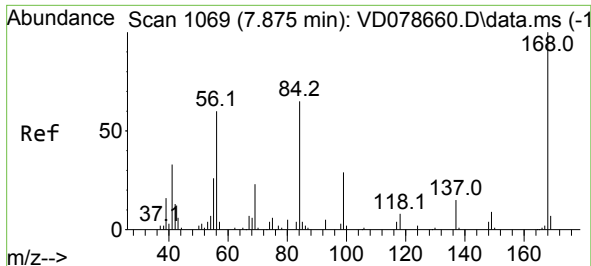
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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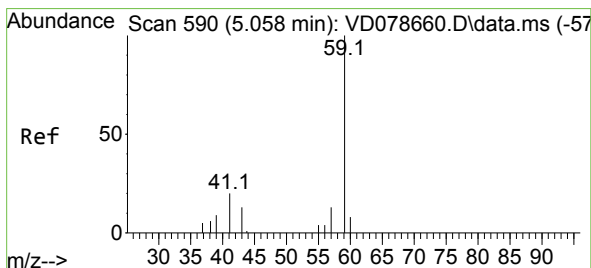
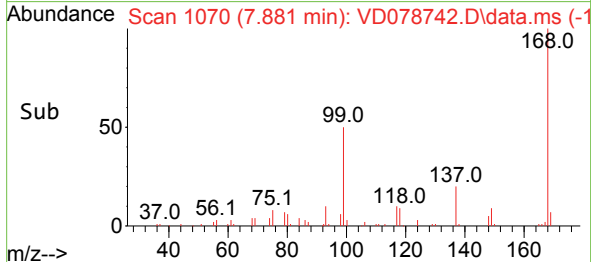
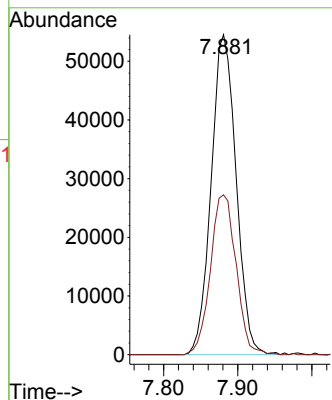
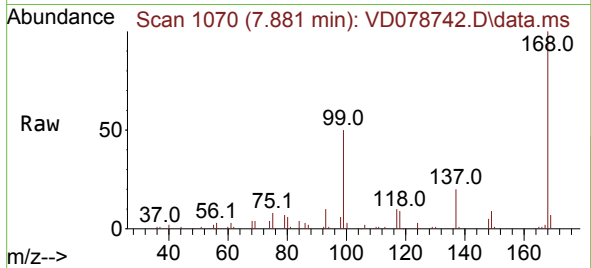




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

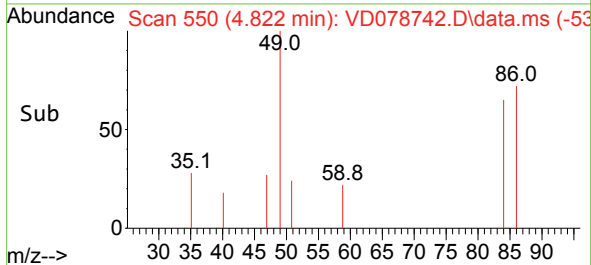
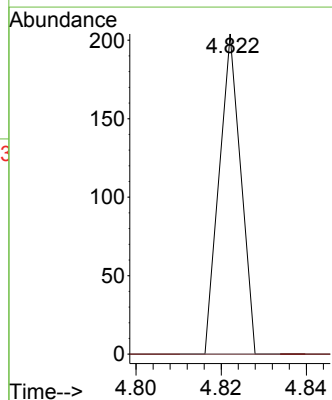
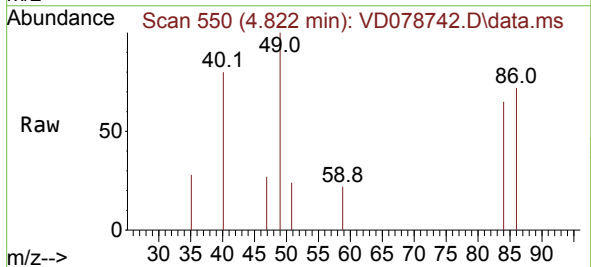
Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

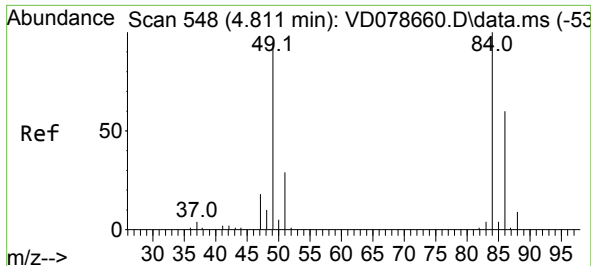
Tgt Ion:168 Resp: 127473
Ion Ratio Lower Upper
168 100
99 50.0 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.347 ug/l
RT: 4.822 min Scan# 550
Delta R.T. -0.236 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

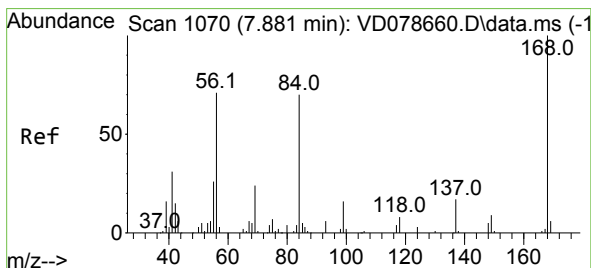
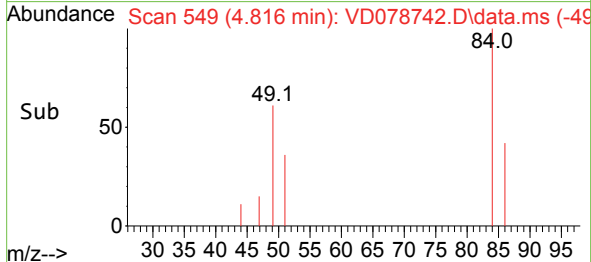
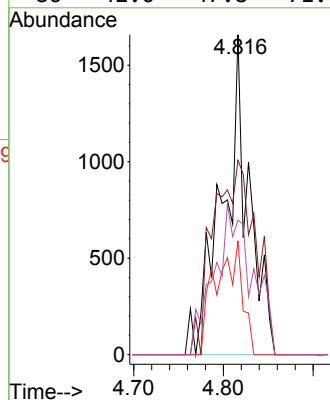
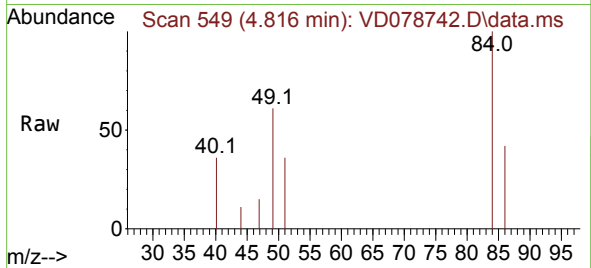




#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

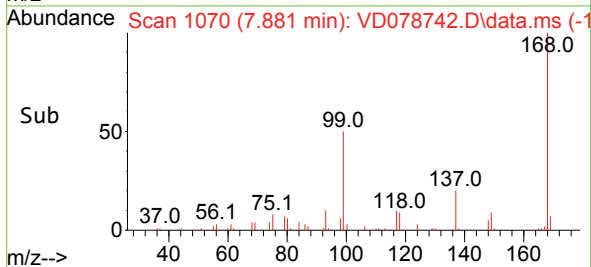
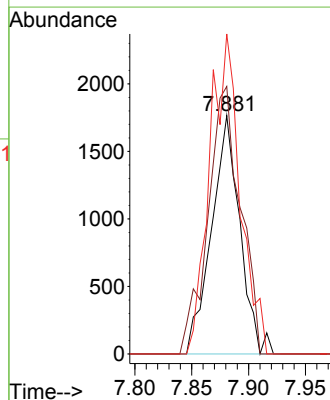
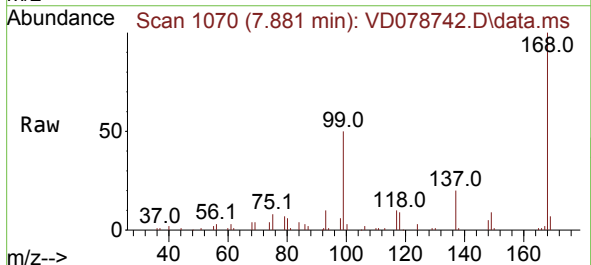
Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

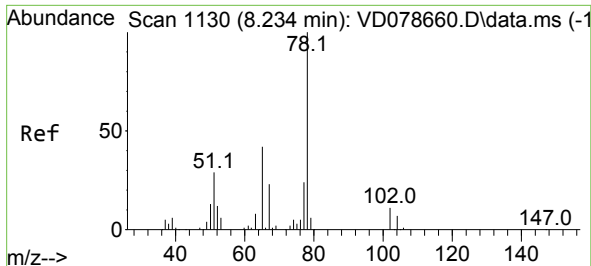
Tgt Ion: 84 Resp: 3365
Ion Ratio Lower Upper
84 100
49 60.7 75.6 113.4#
51 35.6 23.4 35.0#
86 42.0 47.8 71.6#



#31
Cyclohexane
Concen: 1.523 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 112.2 26.6 40.0#
84 134.2 79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 43.918 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078742.D

Acq: 22 Mar 2024 14:55

Instrument :

MSVOA_D

ClientSampleId :

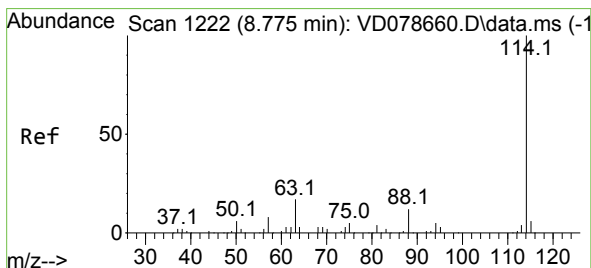
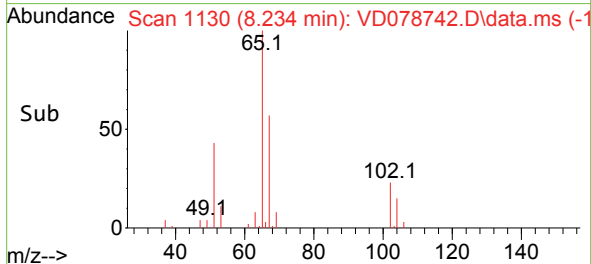
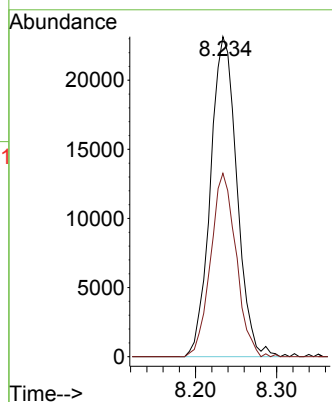
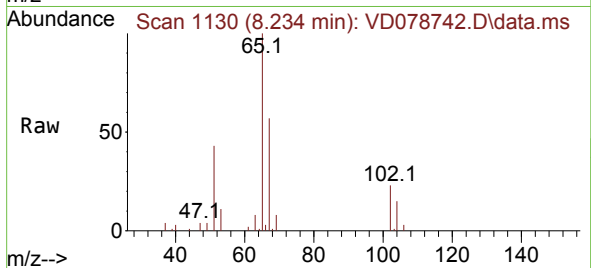
TR-05-031224

Tgt Ion: 65 Resp: 52466

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078742.D

Acq: 22 Mar 2024 14:55

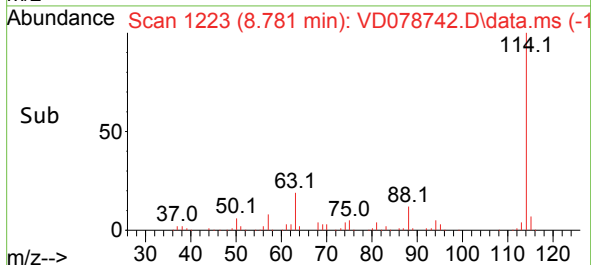
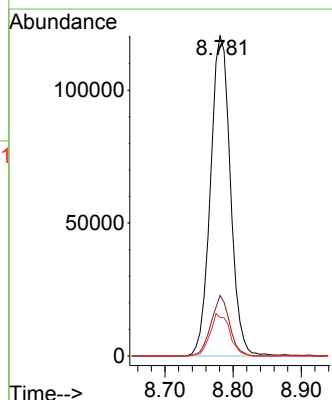
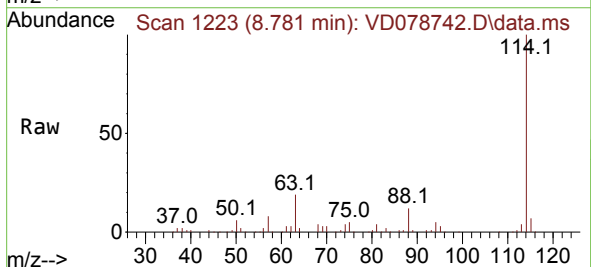
Tgt Ion: 114 Resp: 245039

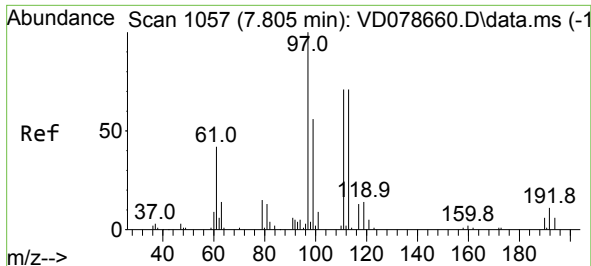
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 12.1 0.0 24.6

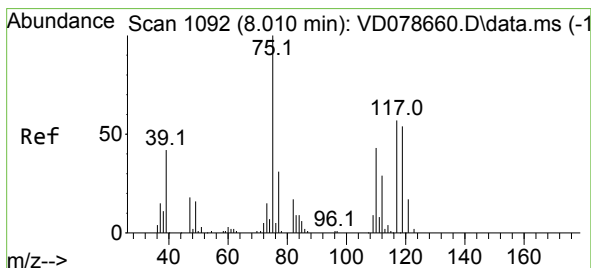
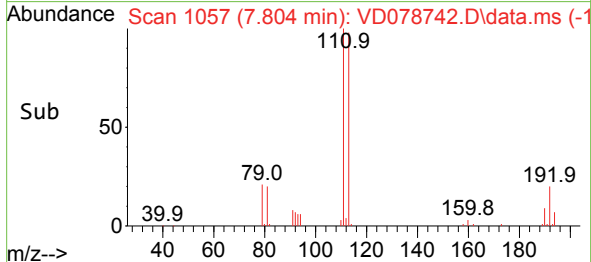
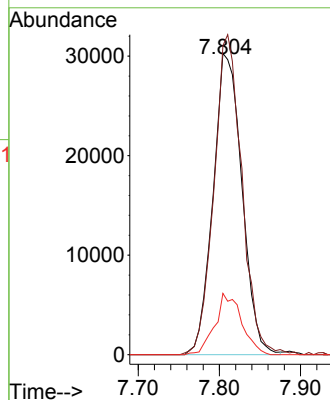
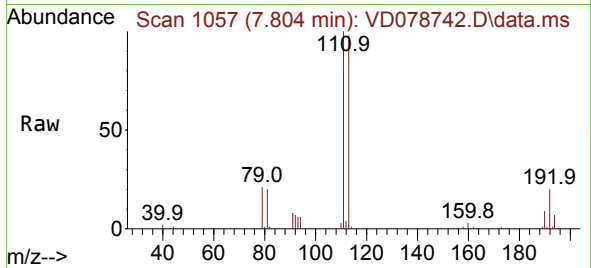




#35
Dibromofluoromethane
Concen: 47.359 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

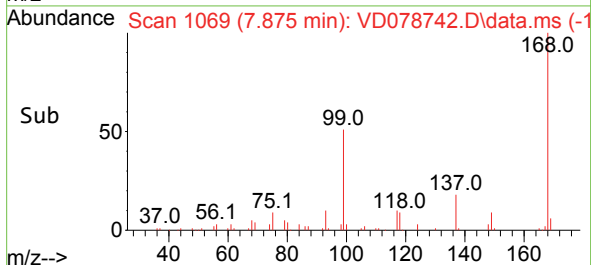
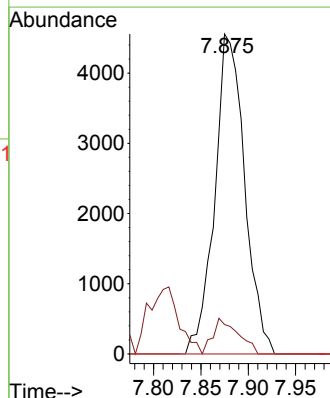
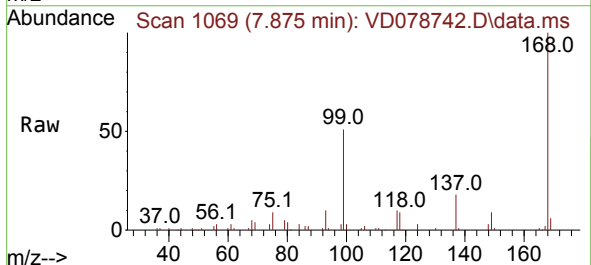
Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

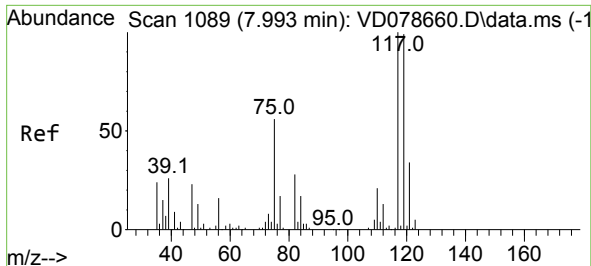
Tgt Ion:113 Resp: 74717
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

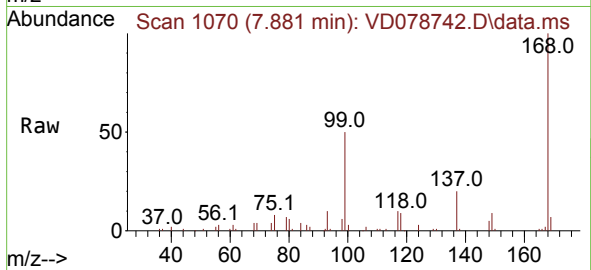
Tgt Ion: 75 Resp: 10011
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.1#
77 0.0 25.4 38.2#



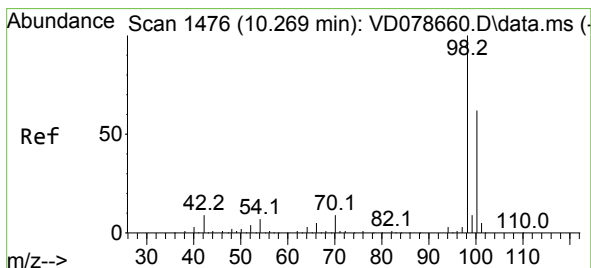
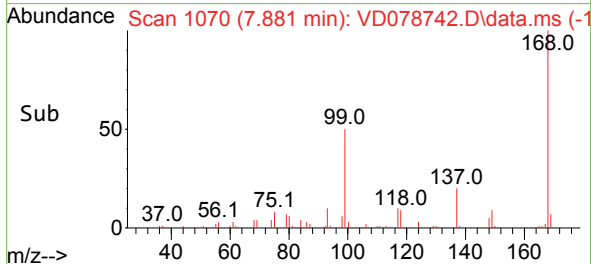
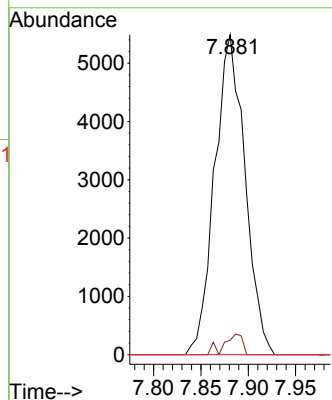


#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

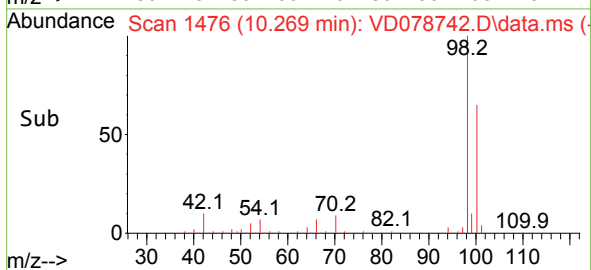
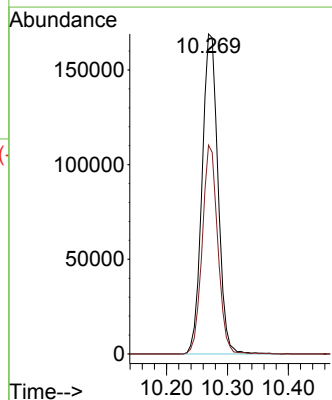
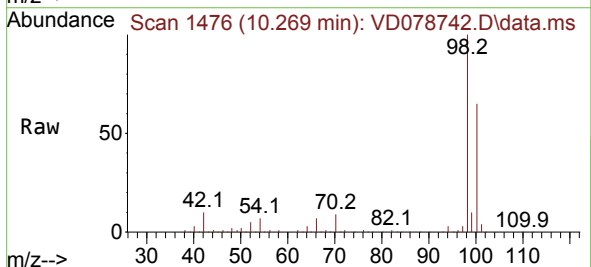


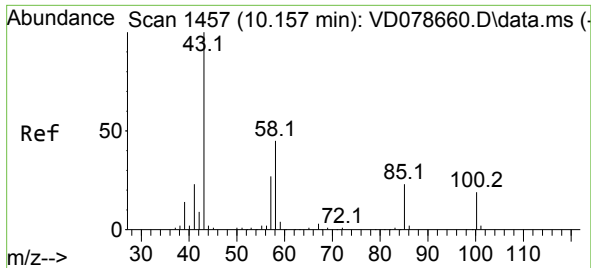
Tgt Ion:117 Resp: 12207
Ion Ratio Lower Upper
117 100
119 4.5 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 98 Resp: 306944
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7

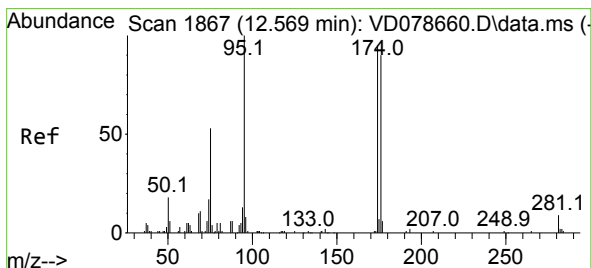
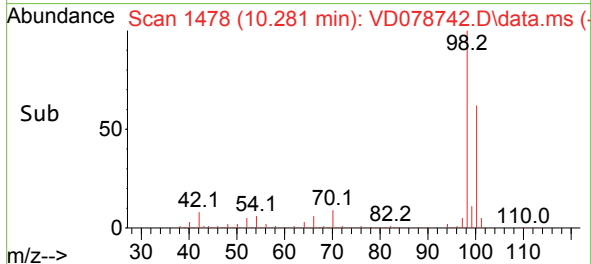
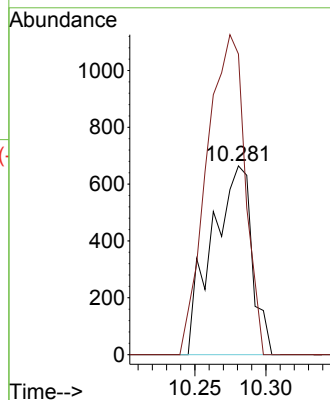
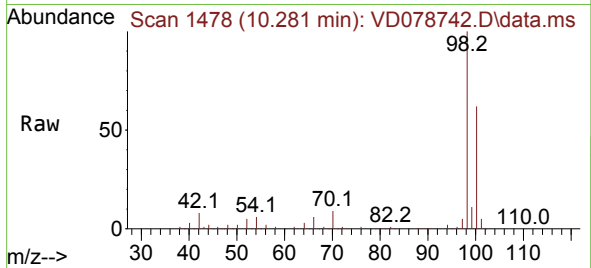




#51
4-Methyl-2-Pentanone
Concen: 1.831 ug/l
RT: 10.281 min Scan# 1457
Delta R.T. 0.123 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

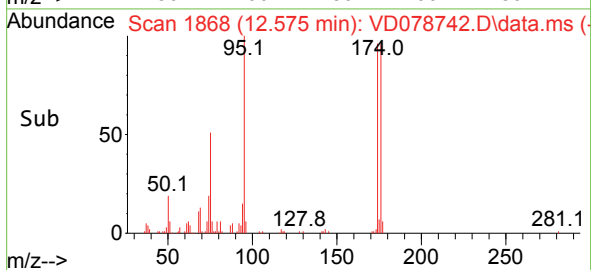
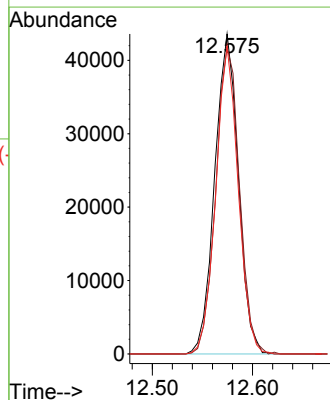
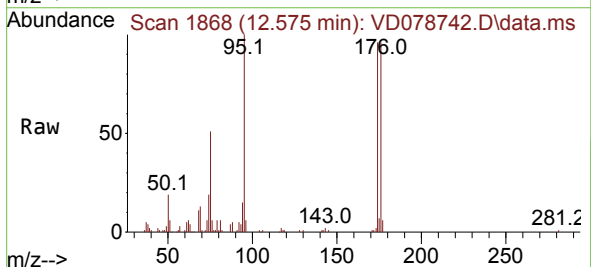
Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

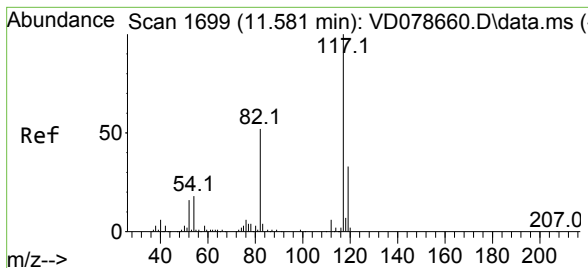
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 162.1 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 41.878 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 95 Resp: 71086
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.2
176 91.4 0.0 188.2

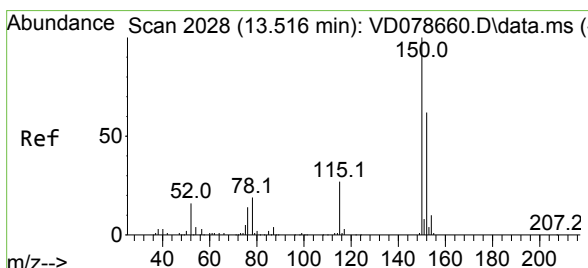
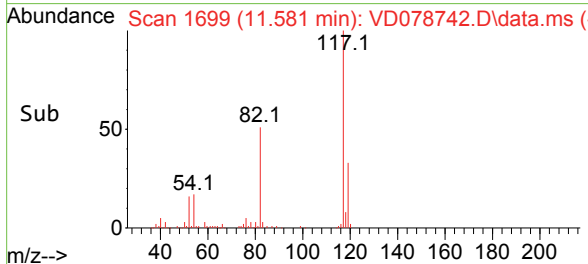
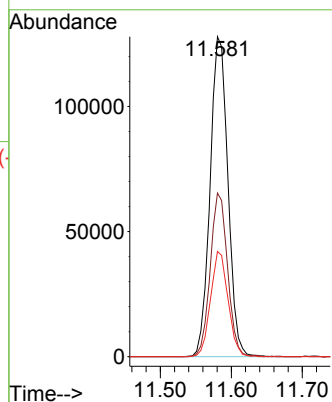
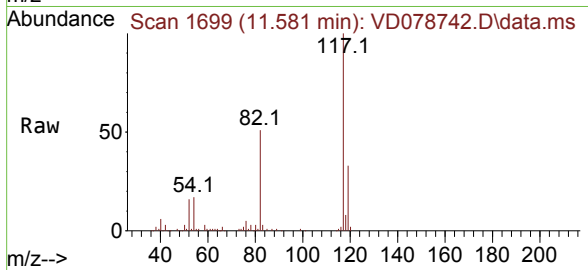




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

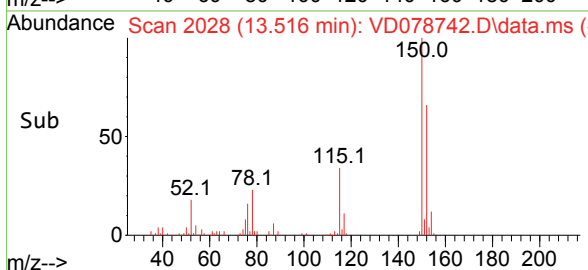
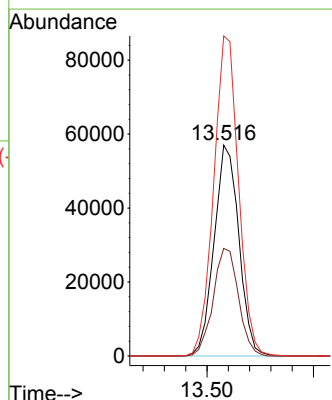
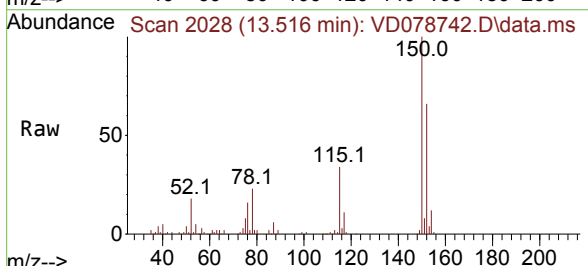
Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

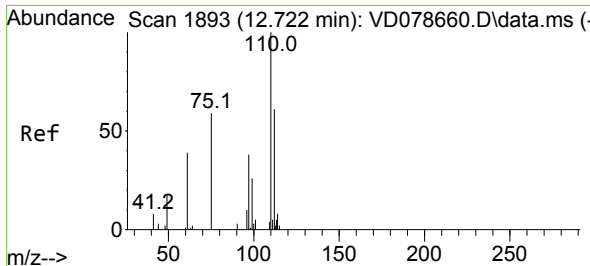
Tgt Ion:117 Resp: 222666
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 32.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion:152 Resp: 91842
Ion Ratio Lower Upper
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115 52.1 27.1 81.2
150 152.4 0.0 350.2

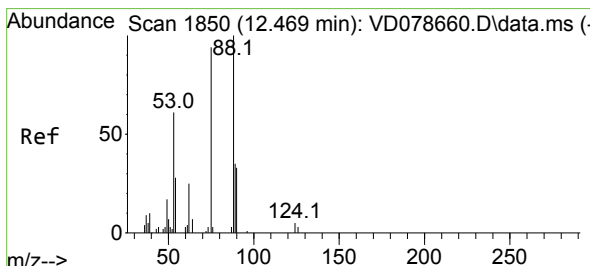
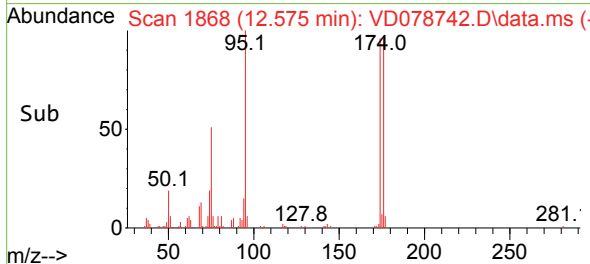
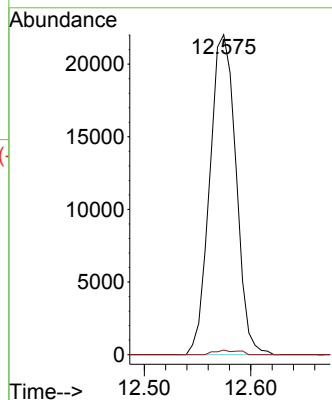
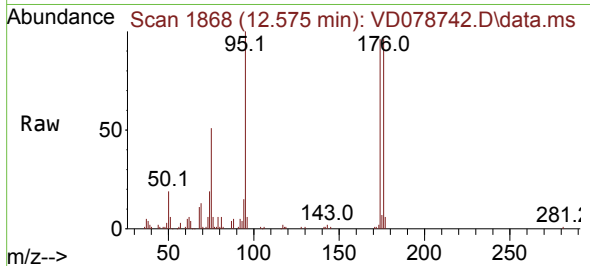




#76
1,2,3-Trichloropropane
Concen: 53.192 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Instrument :
MSVOA_D
ClientSampleId :
TR-05-031224

Tgt Ion: 75 Resp: 37638
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.499 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078742.D
Acq: 22 Mar 2024 14:55

Tgt Ion: 75 Resp: 37638
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

