

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078722.D
 Acq On : 21 Mar 2024 11:10
 Operator : RP/MD
 Sample : VD0321SBL02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:54:28 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)

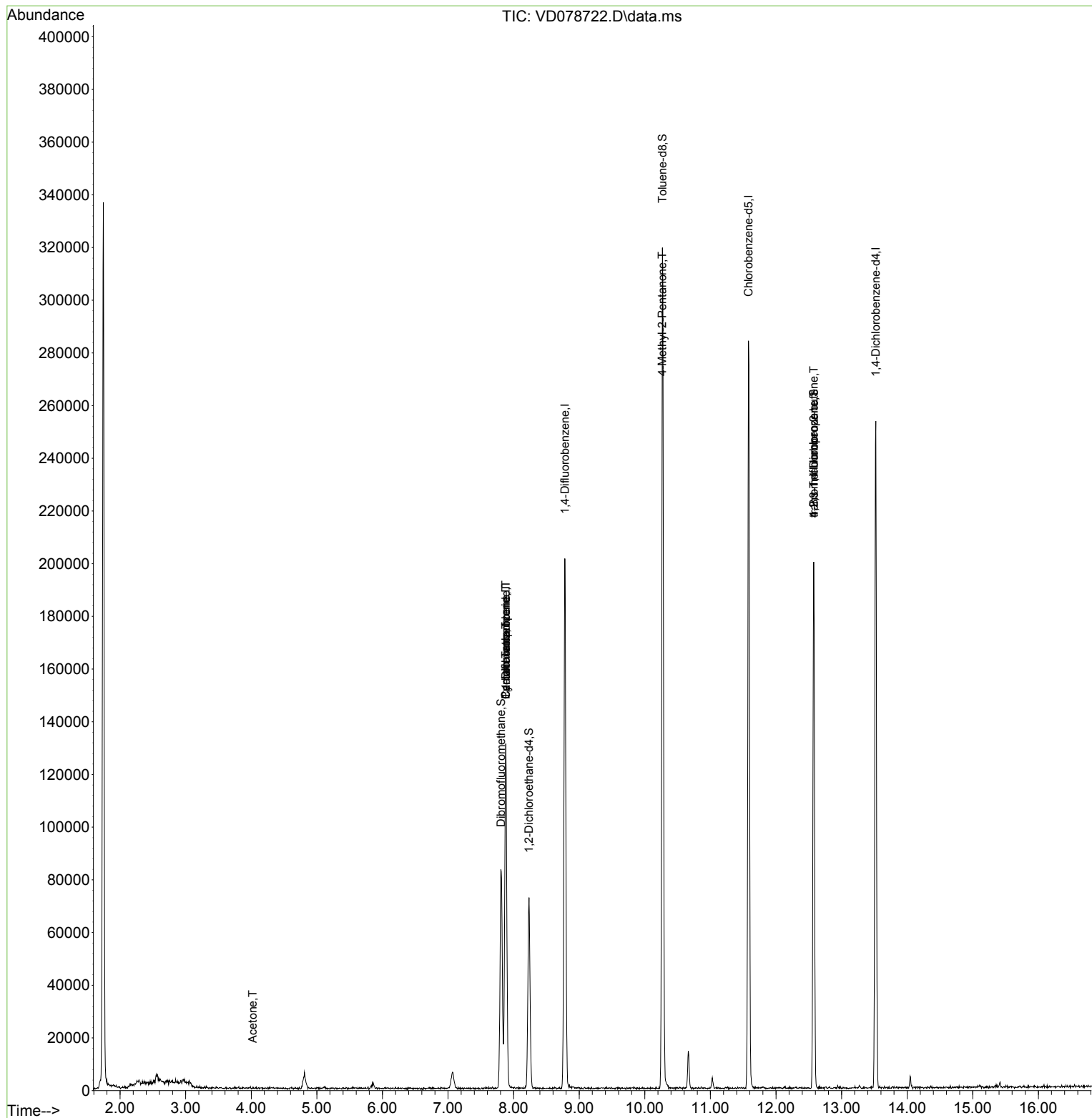
Internal Standards						
1) Pentafluorobenzene	7.881	168	102065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	187351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54559	57.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.810	113	62772	52.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.269	98	227871	51.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.575	95	57515	44.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.640%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	274	1.481	ug/l #	39
20) Methylene Chloride	4.811	84	4124	Below Cal		97
31) Cyclohexane	7.881	56	2237	1.391	ug/l #	18
36) 1,1-Dichloropropene	7.881	75	7573	4.327	ug/l #	44
38) Carbon Tetrachloride	7.881	117	10591	5.740	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	888	1.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	30246	54.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	30246	113.552	ug/l #	19

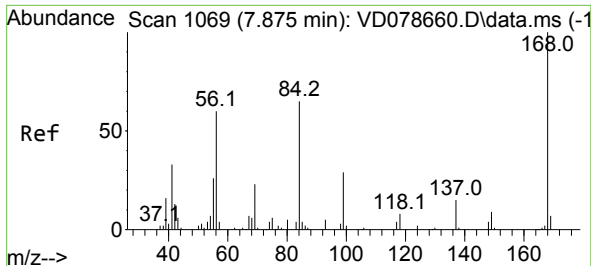
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
Data File : VD078722.D
Acq On : 21 Mar 2024 11:10
Operator : RP/MD
Sample : VD0321SBL02
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

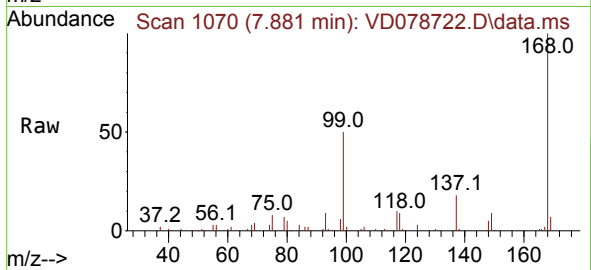
Quant Time: Mar 22 06:54:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



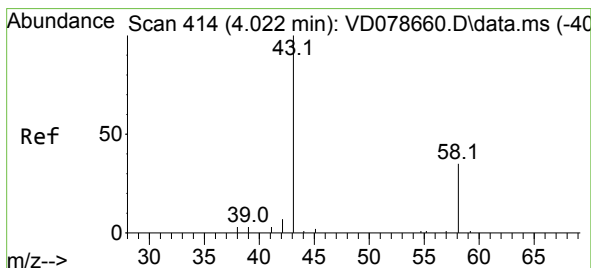
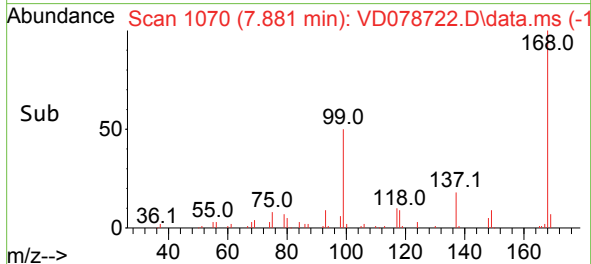
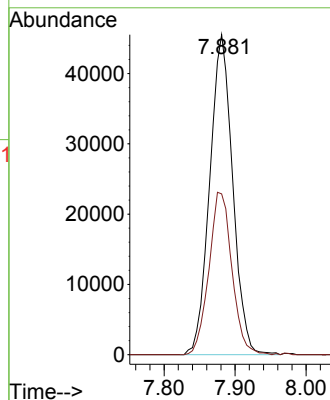


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Instrument :
MSVOA_D
ClientSampleId :

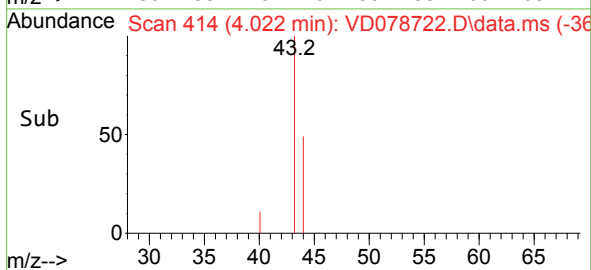
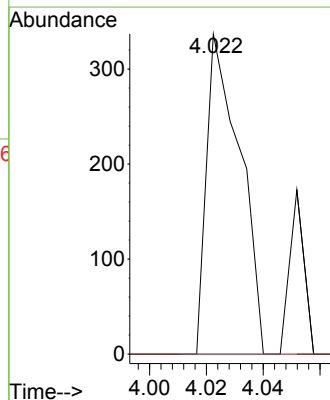
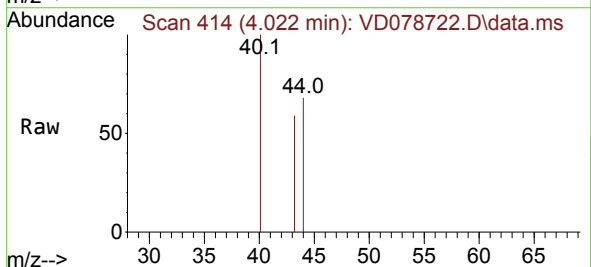


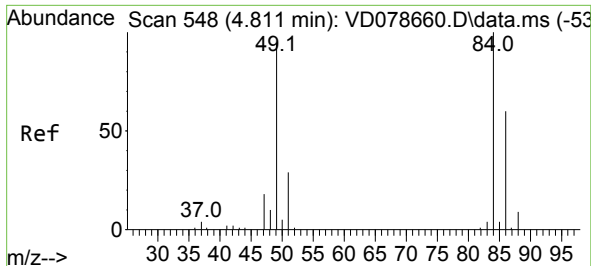
Tgt Ion:168 Resp: 102065
Ion Ratio Lower Upper
168 100
99 50.2 38.8 58.2



#16
Acetone
Concen: 1.481 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

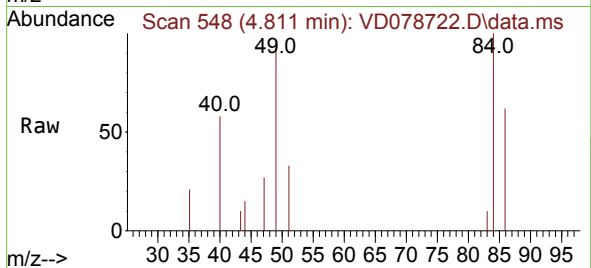
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



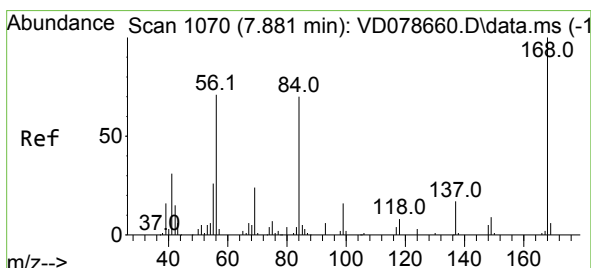
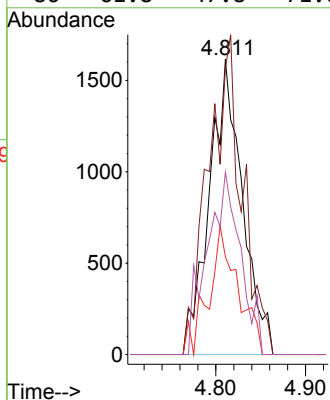
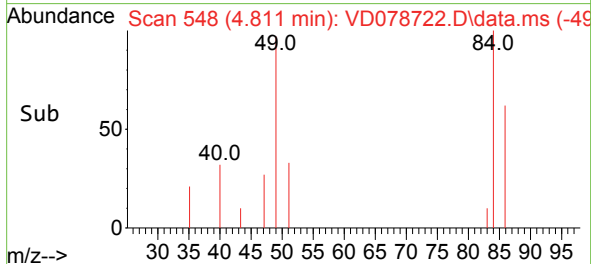


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

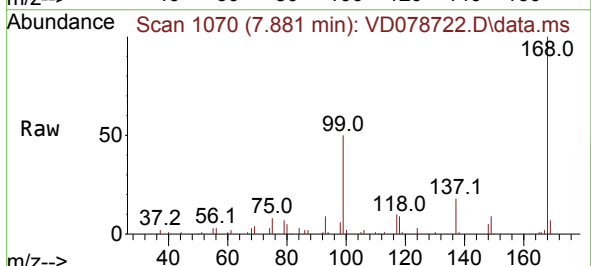
Instrument :
MSVOA_D
ClientSampleId :



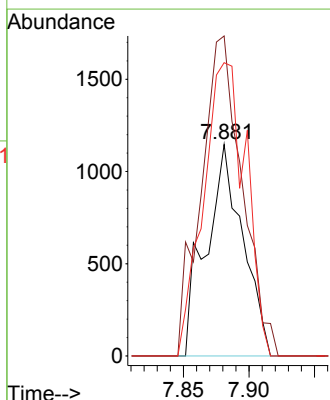
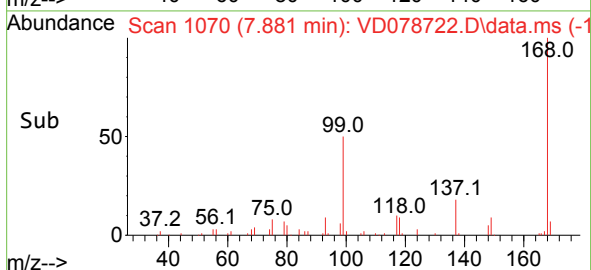
Tgt Ion: 84	Resp: 4124
Ion Ratio	Lower Upper
84 100	
49 97.1	75.6 113.4
51 33.1	23.4 35.0
86 61.8	47.8 71.6

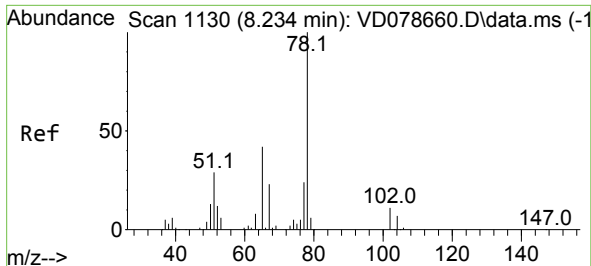


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10



Tgt Ion: 56	Resp: 2237
Ion Ratio	Lower Upper
56 100	
69 151.3	26.6 40.0#
84 138.6	79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 57.039 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078722.D

Acq: 21 Mar 2024 11:10

Instrument :

MSVOA_D

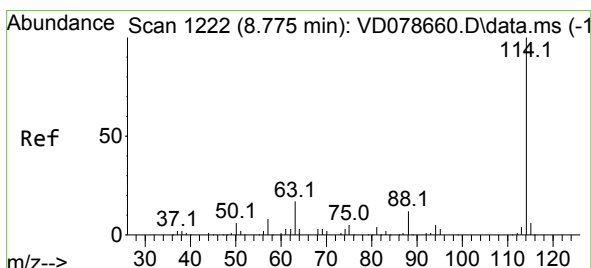
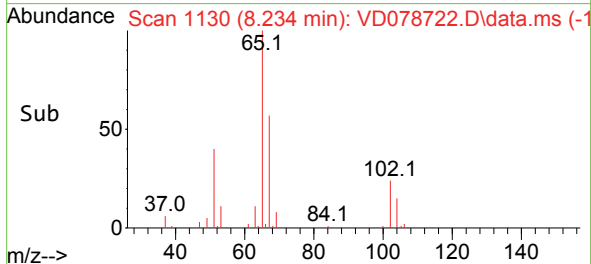
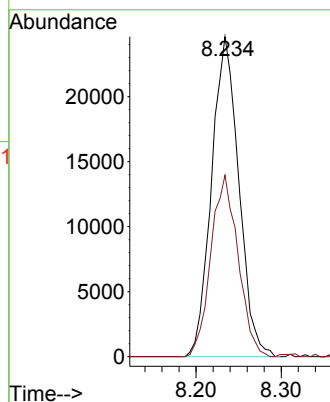
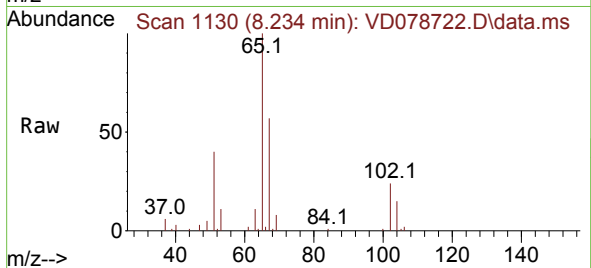
ClientSampleId :

Tgt Ion: 65 Resp: 54559

Ion Ratio Lower Upper

65 100

67 56.7 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: VD078722.D

Acq: 21 Mar 2024 11:10

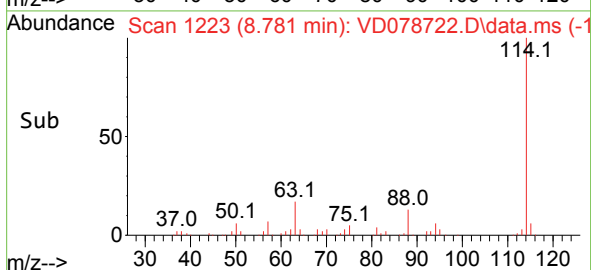
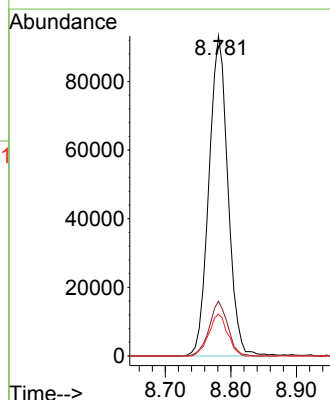
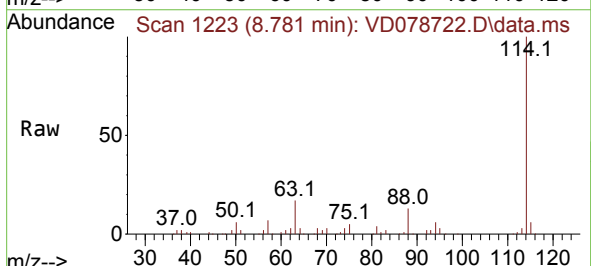
Tgt Ion: 114 Resp: 187351

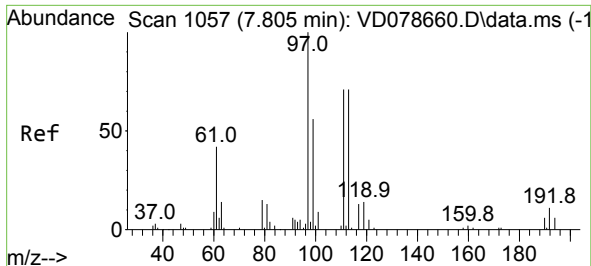
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

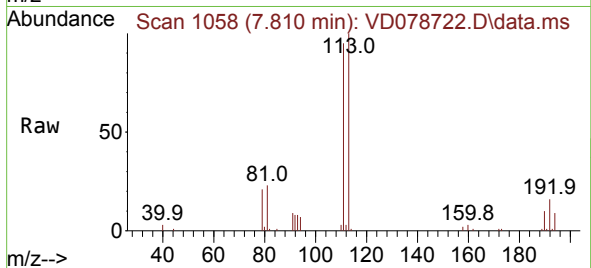
88 13.1 0.0 24.6



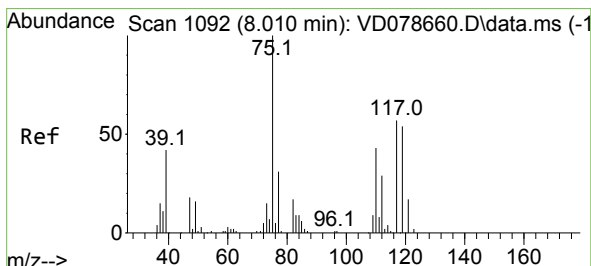
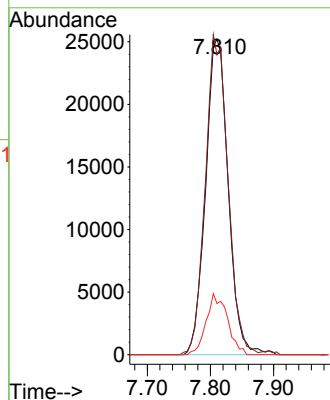
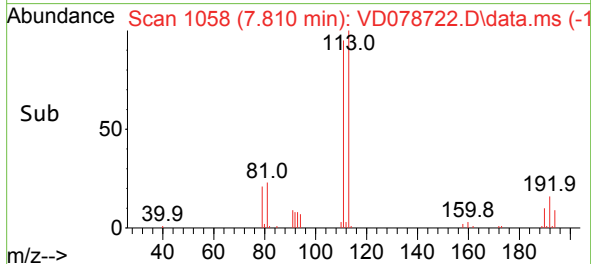


#35
Dibromofluoromethane
Concen: 52.039 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Instrument :
MSVOA_D
ClientSampleId :

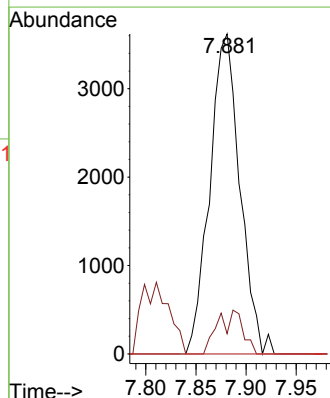
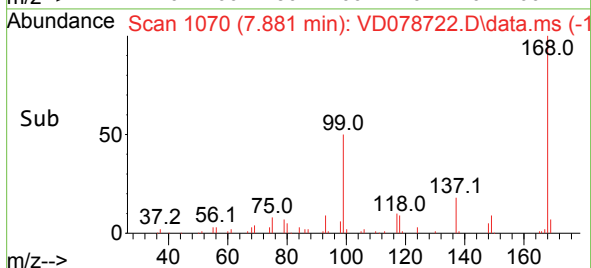
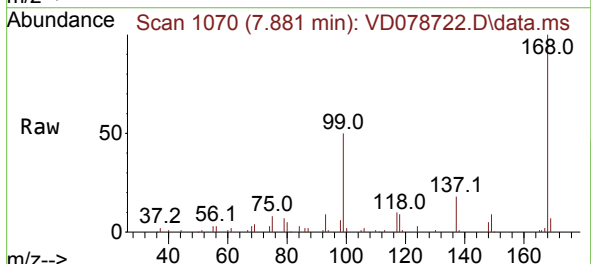


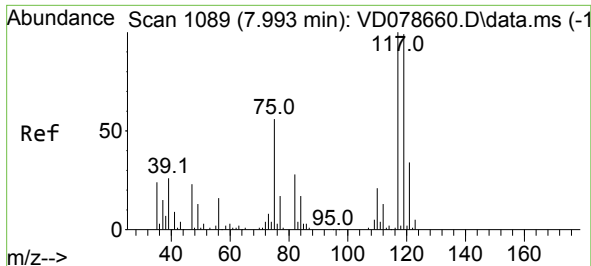
Tgt Ion:113 Resp: 62772
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.327 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

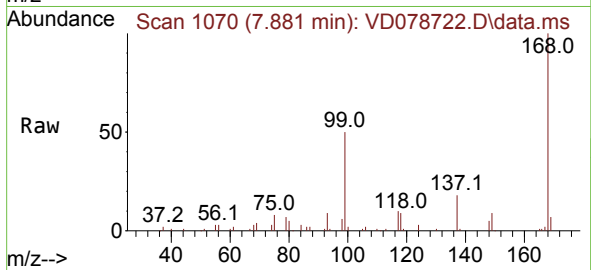
Tgt Ion: 75 Resp: 7573
Ion Ratio Lower Upper
75 100
110 5.4 19.1 57.1#
77 0.0 25.4 38.2#



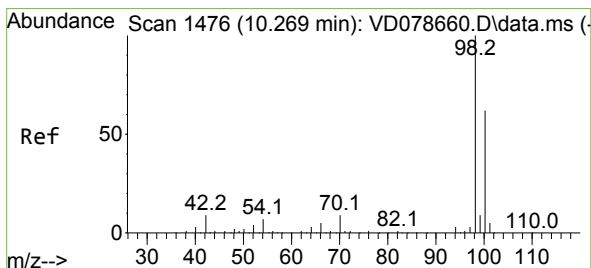
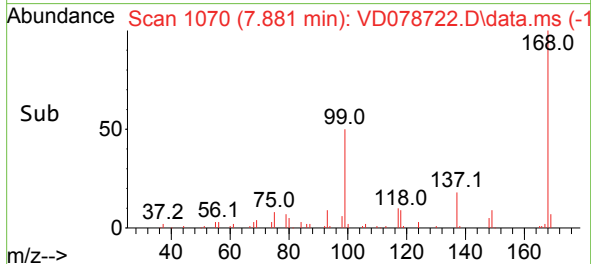
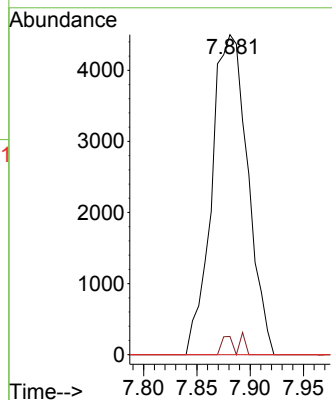


#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Instrument :
MSVOA_D
ClientSampleId :

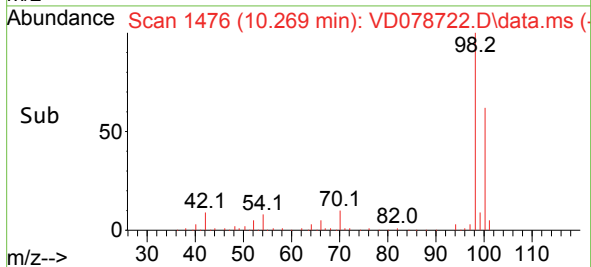
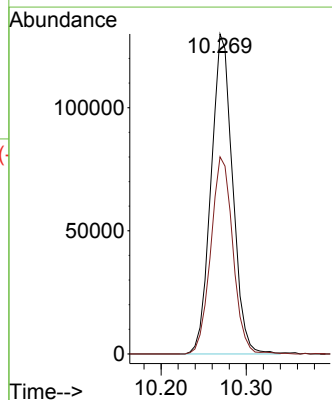
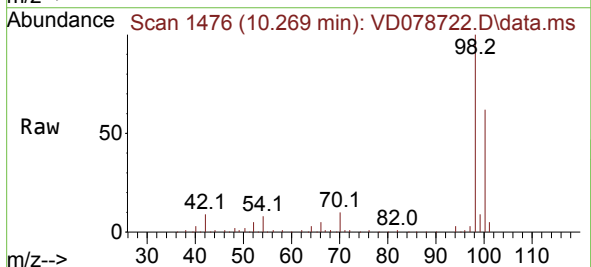


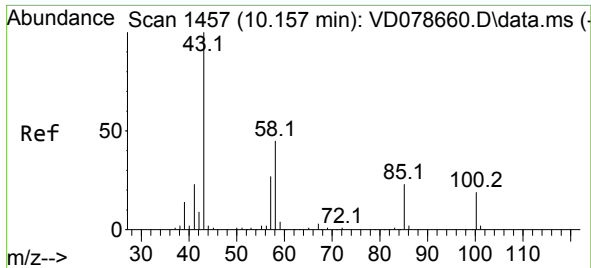
Tgt Ion:117 Resp: 10591
Ion Ratio Lower Upper
117 100
119 5.7 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 51.366 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion: 98 Resp: 227871
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

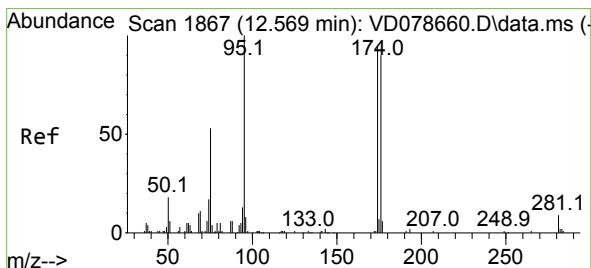
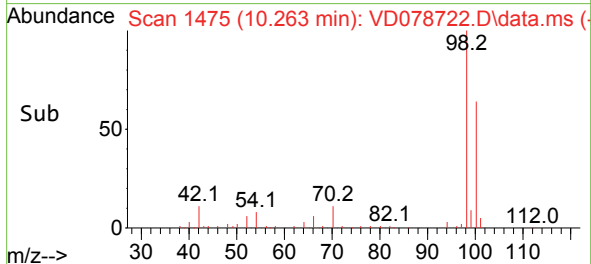
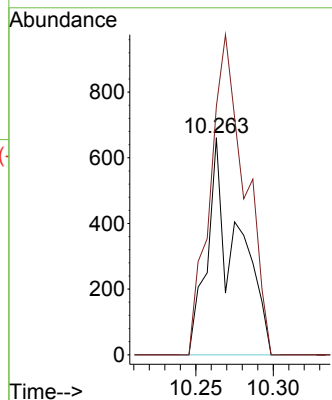
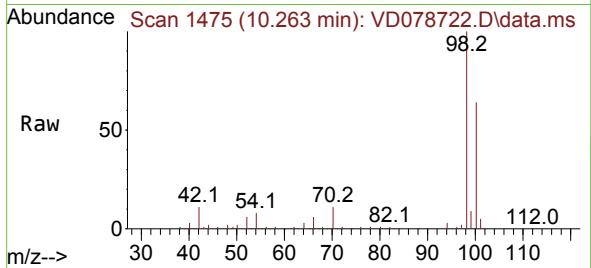




#51
4-Methyl-2-Pentanone
Concen: 1.634 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

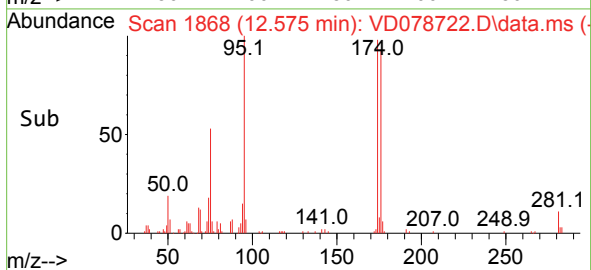
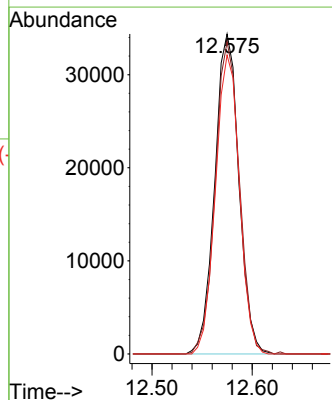
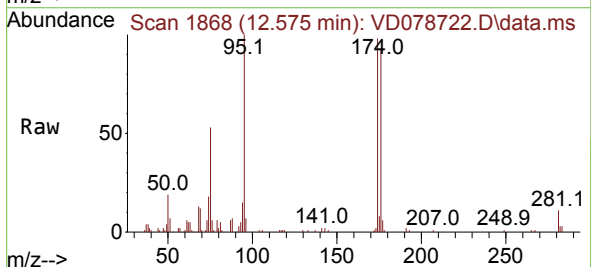
Instrument :
MSVOA_D
ClientSampleId :

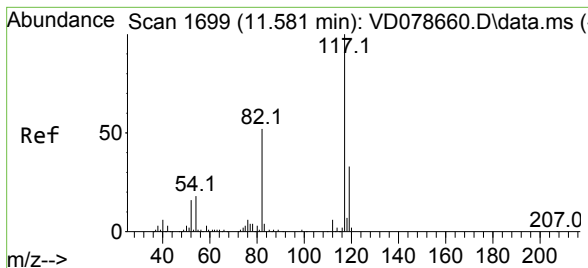
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 171.1 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 44.316 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion: 95 Resp: 57515
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 92.4 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078722.D

Acq: 21 Mar 2024 11:10

Instrument :

MSVOA_D

ClientSampleId :

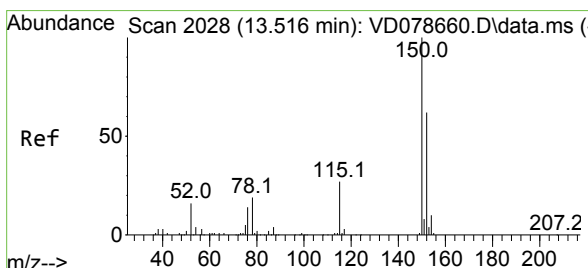
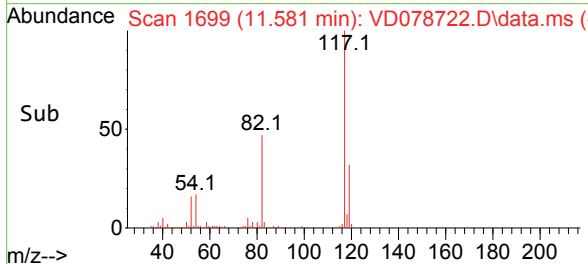
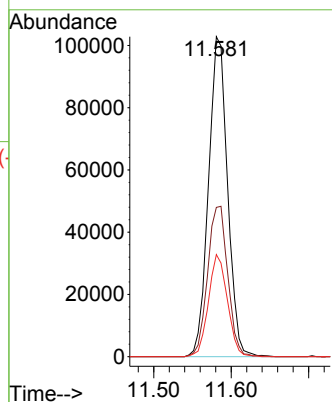
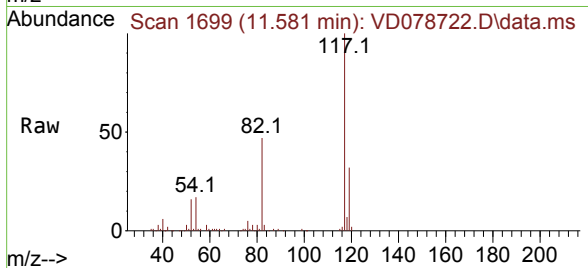
Tgt Ion:117 Resp: 175429

Ion Ratio Lower Upper

117 100

82 46.7 41.4 62.2

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078722.D

Acq: 21 Mar 2024 11:10

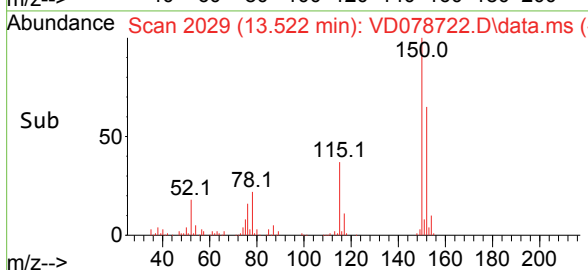
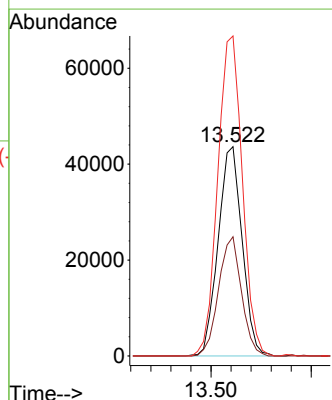
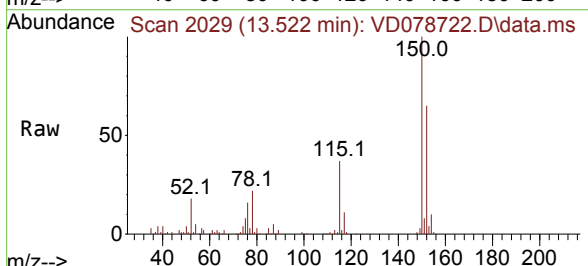
Tgt Ion:152 Resp: 72470

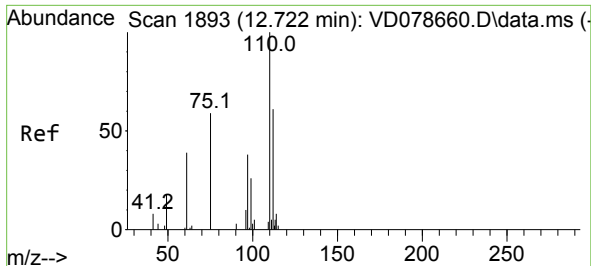
Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.2

150 156.6 0.0 350.2

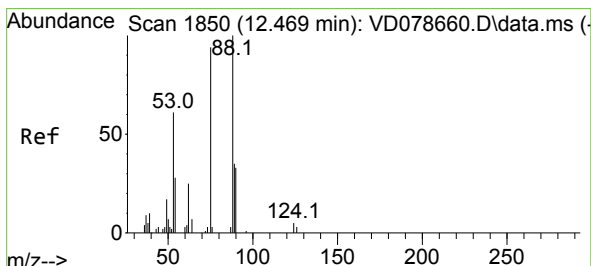
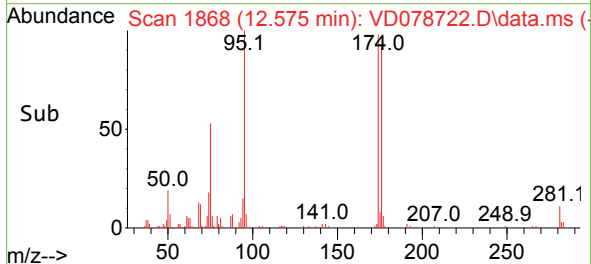
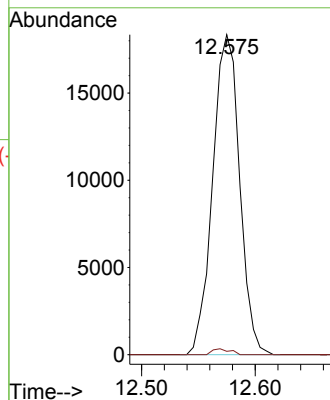
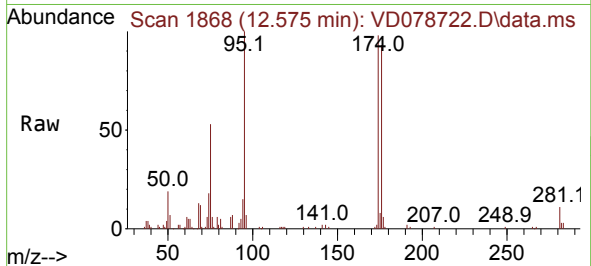




#76
1,2,3-Trichloropropane
Concen: 54.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 30246
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.552 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078722.D
Acq: 21 Mar 2024 11:10

Tgt Ion: 75 Resp: 30246
Ion Ratio Lower Upper
75 100
53 0.2 61.0 91.6#
89 0.0 35.4 53.0#

