

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076358.D
 Acq On : 07 Jun 2023 17:19
 Operator : KP/SY
 Sample : 03064-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24236

Quant Time: Jun 08 01:18:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

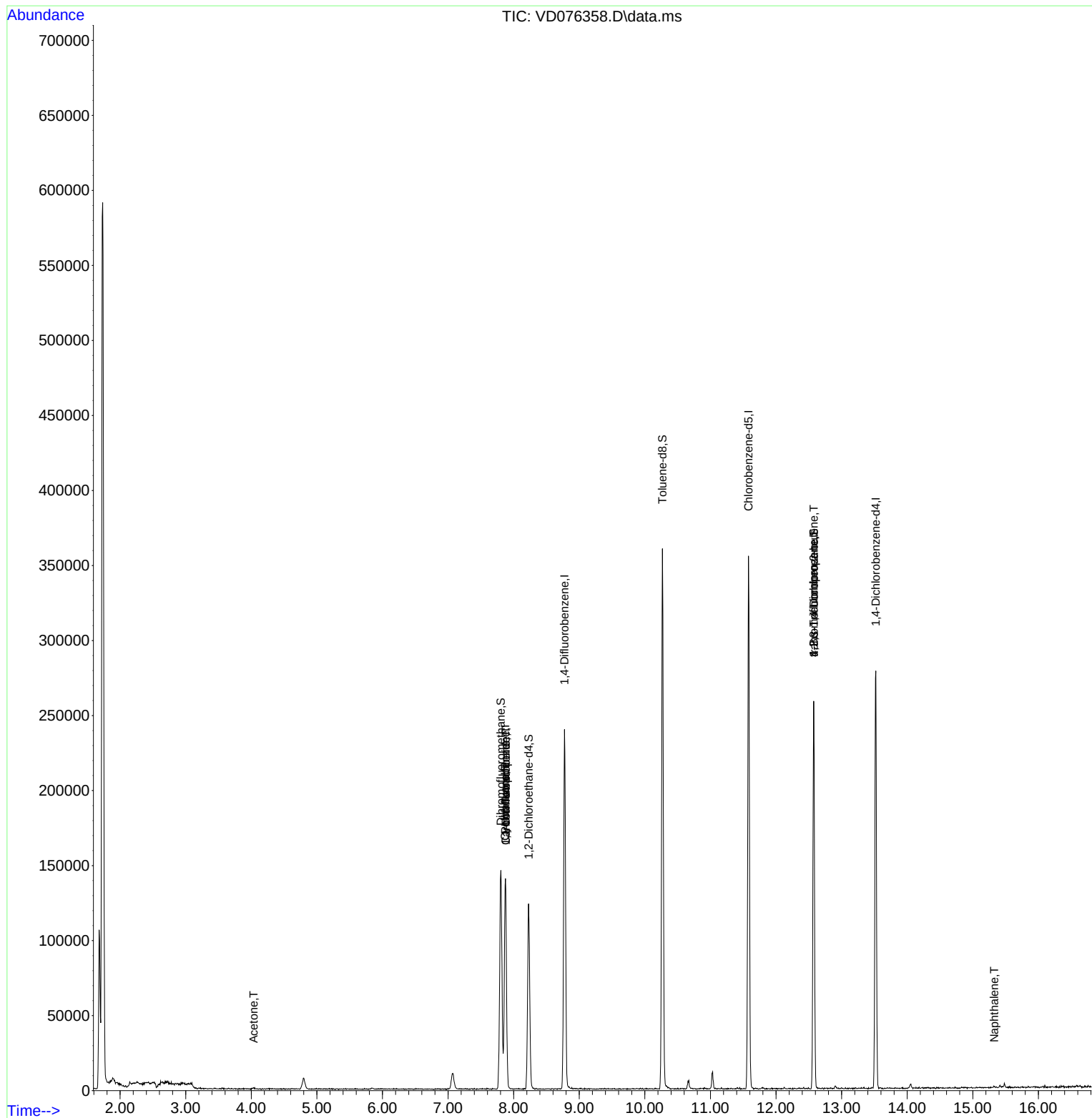
Internal Standards						
1) Pentafluorobenzene	7.875	168	120963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93135	85.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.860%#	
35) Dibromofluoromethane	7.804	113	110794	74.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.340%#	
50) Toluene-d8	10.269	98	263104	44.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.480%	
62) 4-Bromofluorobenzene	12.575	95	78864	50.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1151	5.798	ug/l	88
20) Methylene Chloride	4.799	84	6628	Below Cal		93
31) Cyclohexane	7.869	56	2107	1.158	ug/l #	10
36) 1,1-Dichloropropene	7.881	75	8103	3.776	ug/l #	43
38) Carbon Tetrachloride	7.881	117	10891	5.789	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	39146	49.300	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39146	118.077	ug/l #	17
95) Naphthalene	15.328	128	729	3.516	ug/l #	69

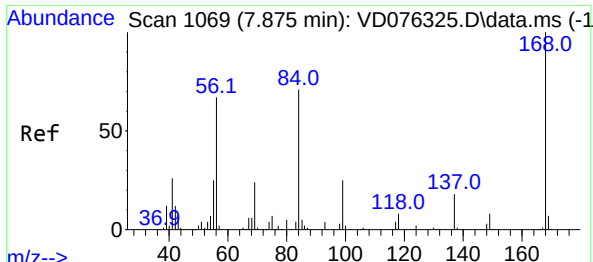
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHRT-24236

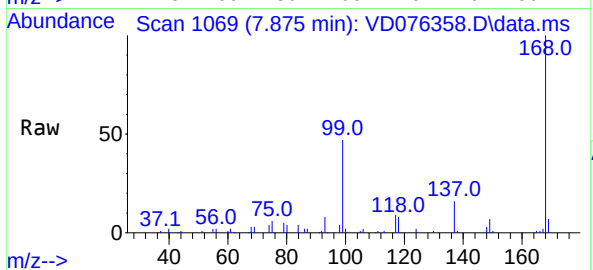
Quant Time: Jun 08 01:18:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



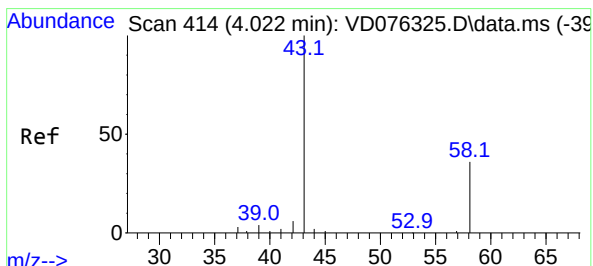
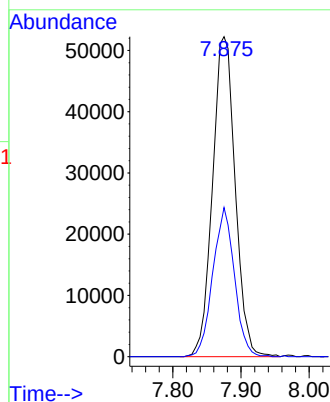
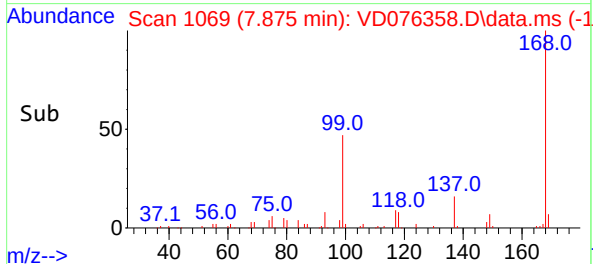


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

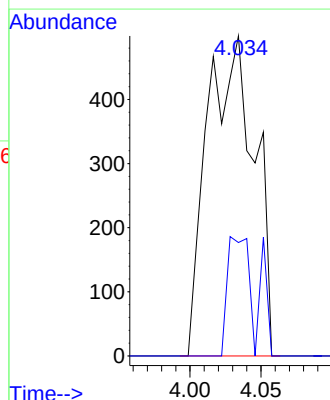
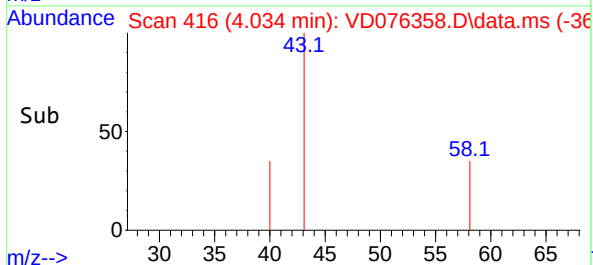
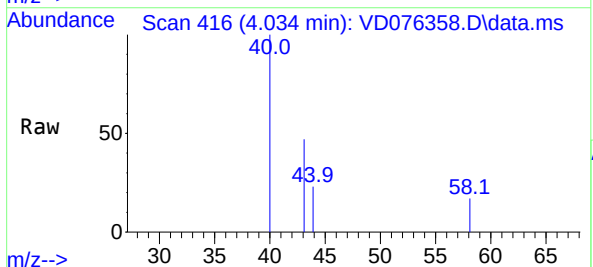


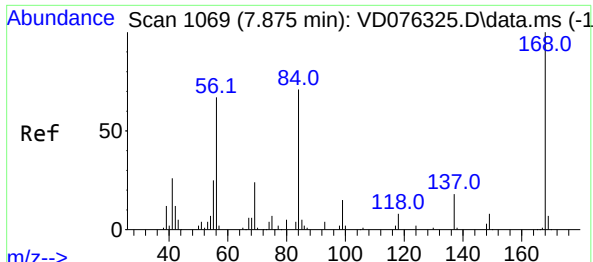
Tgt Ion:168 Resp: 120963
Ion Ratio Lower Upper
168 100
99 46.6 36.7 55.1



#16
Acetone
Concen: 5.798 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

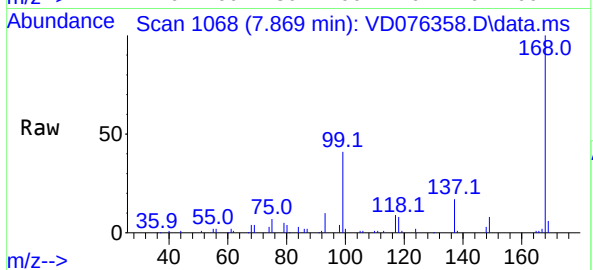
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 35.5 34.7 52.1



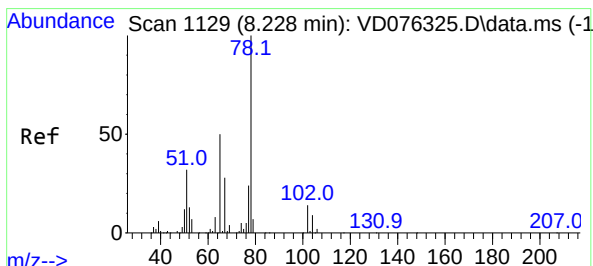
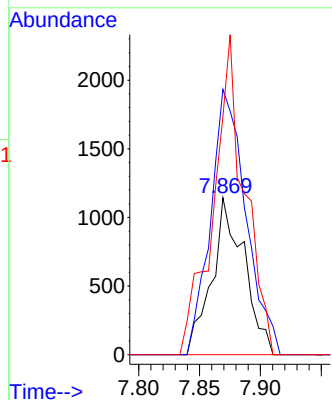
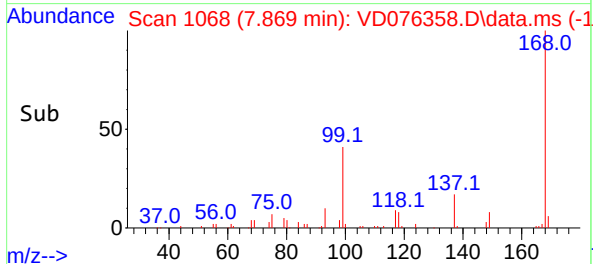


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

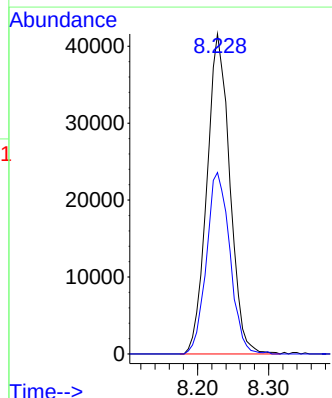
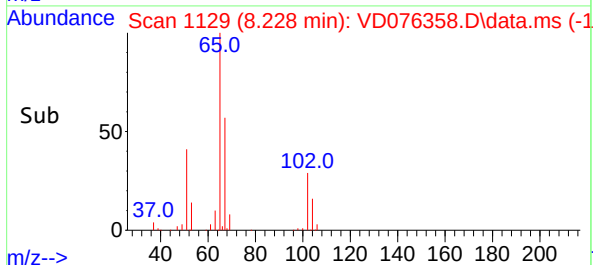
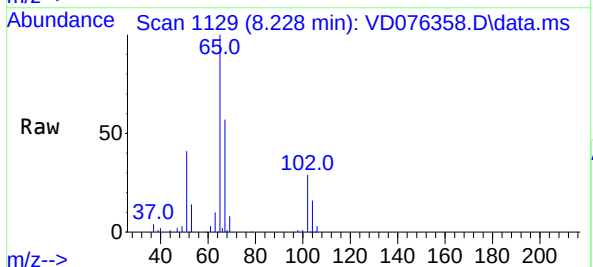


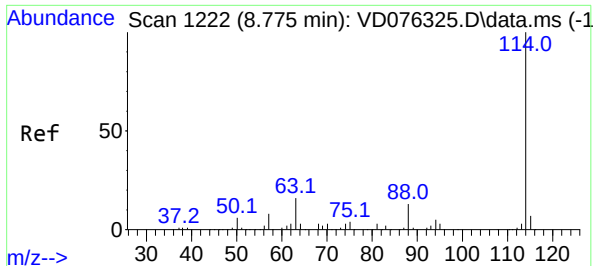
Tgt Ion: 56 Resp: 2107
Ion Ratio Lower Upper
56 100
69 169.0 28.6 43.0#
84 151.6 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 85.932 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

Tgt Ion: 65 Resp: 93135
Ion Ratio Lower Upper
65 100
67 58.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076358.D

Acq: 07 Jun 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

CHRT-24236

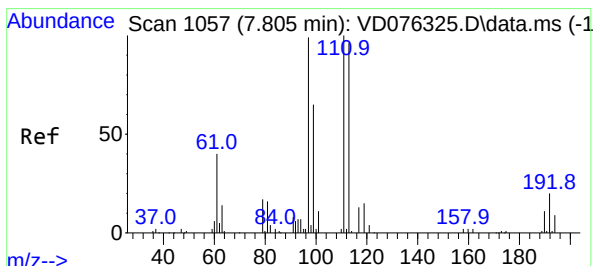
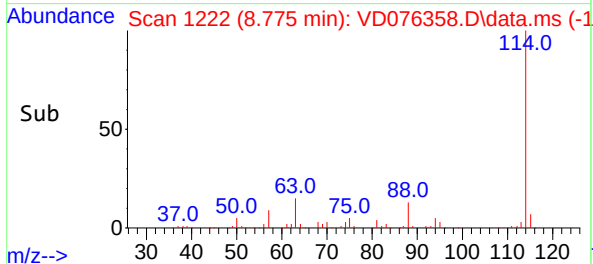
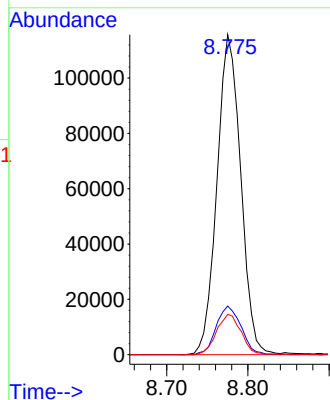
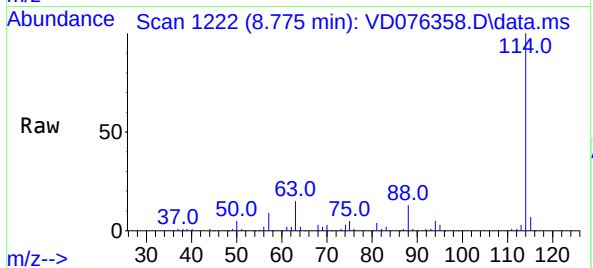
Tgt Ion:114 Resp: 235251

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 74.175 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076358.D

Acq: 07 Jun 2023 17:19

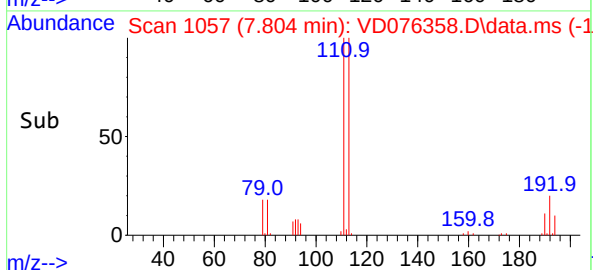
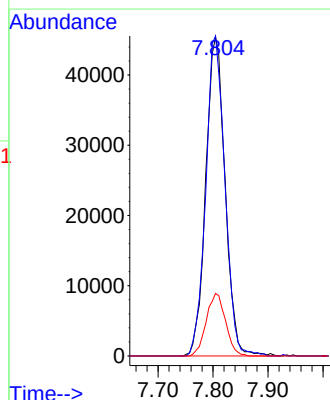
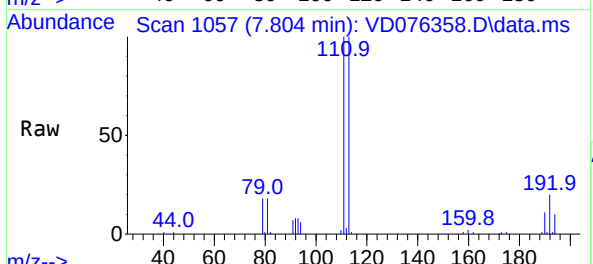
Tgt Ion:113 Resp: 110794

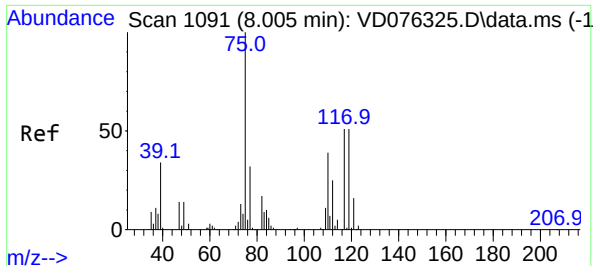
Ion Ratio Lower Upper

113 100

111 99.4 84.7 127.1

192 19.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.776 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD076358.D

Acq: 07 Jun 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

CHRT-24236

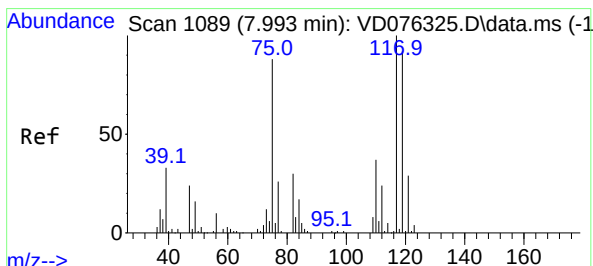
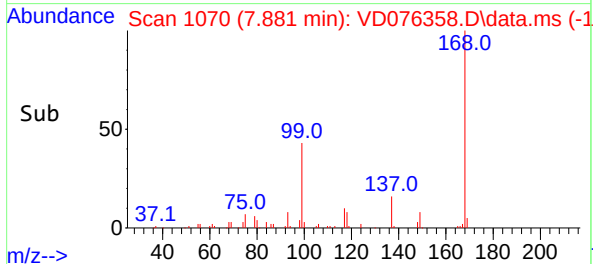
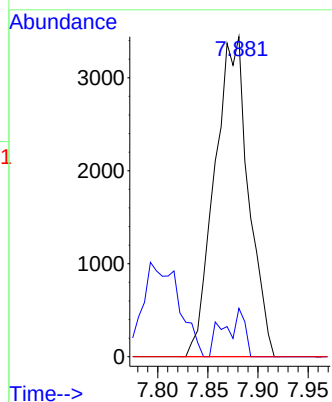
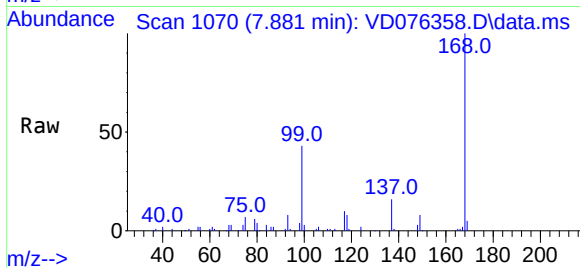
Tgt Ion: 75 Resp: 8103

Ion Ratio Lower Upper

75 100

110 3.9 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.789 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076358.D

Acq: 07 Jun 2023 17:19

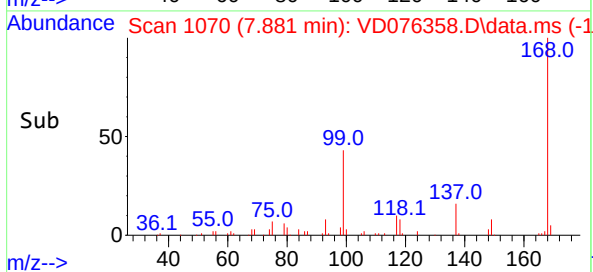
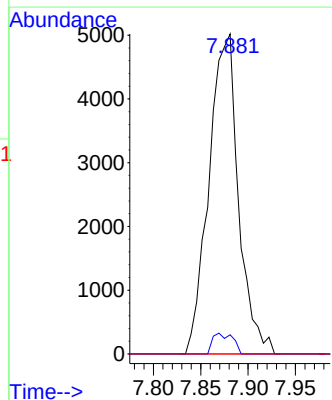
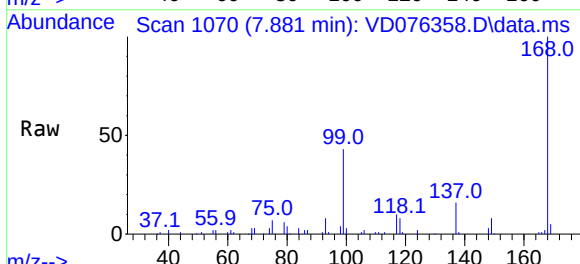
Tgt Ion: 117 Resp: 10891

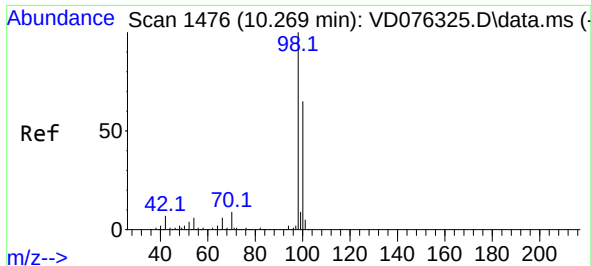
Ion Ratio Lower Upper

117 100

119 6.0 78.0 117.0#

121 0.0 24.2 36.2#

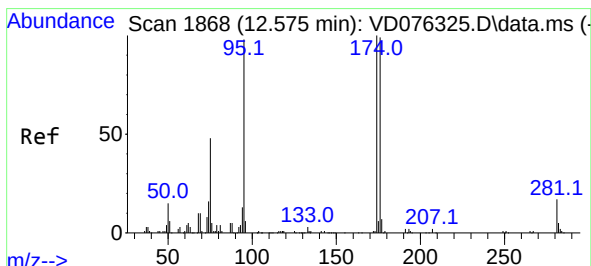
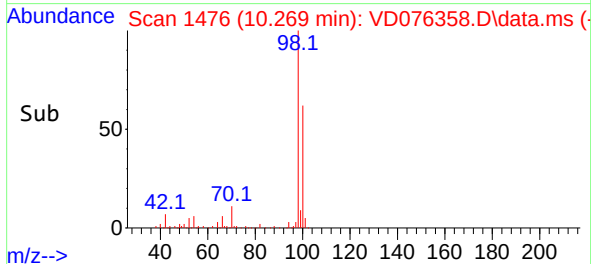
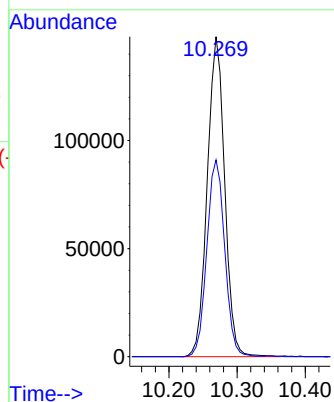
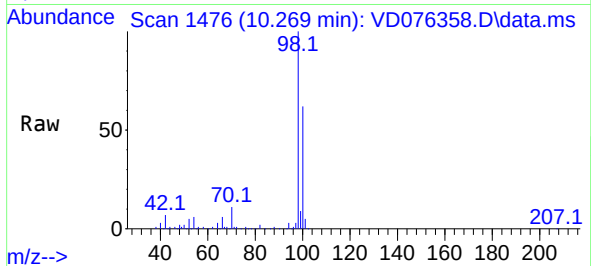




#50
Toluene-d8
Concen: 44.241 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

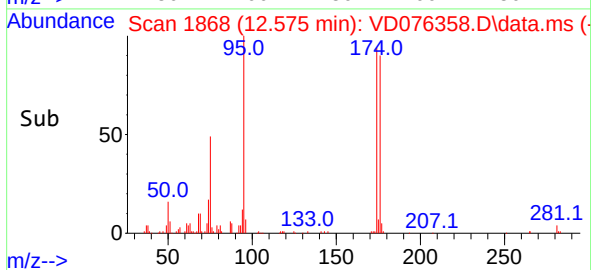
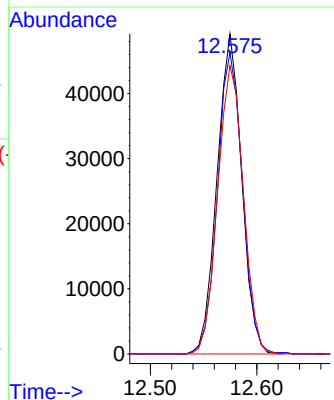
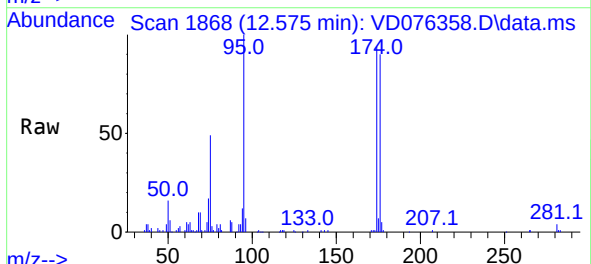
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

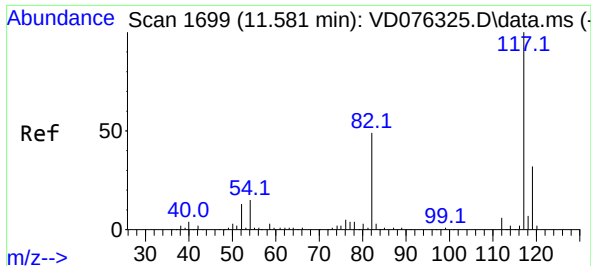
Tgt Ion: 98 Resp: 263104
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

Tgt Ion: 95 Resp: 78864
Ion Ratio Lower Upper
95 100
174 95.7 0.0 201.8
176 93.9 0.0 191.8

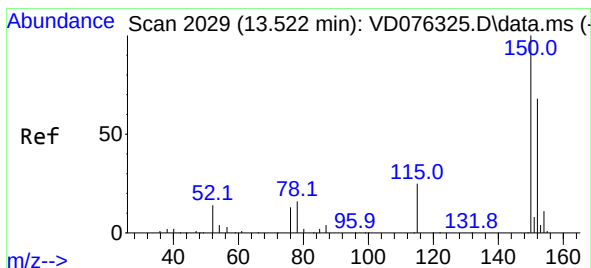
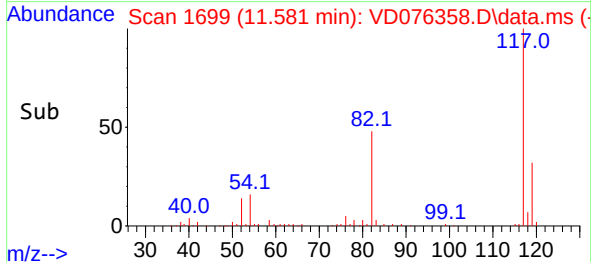
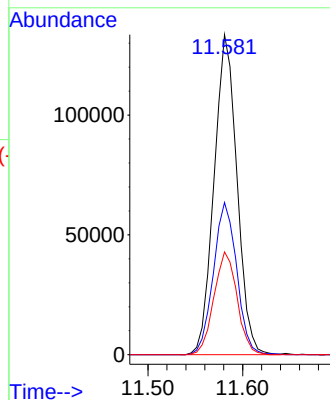
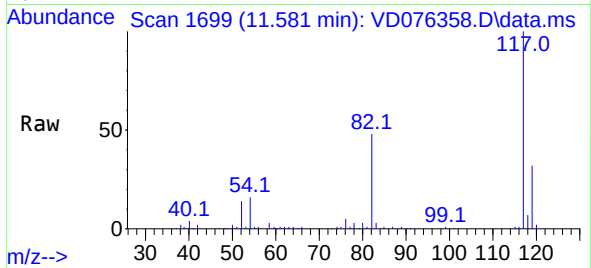




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

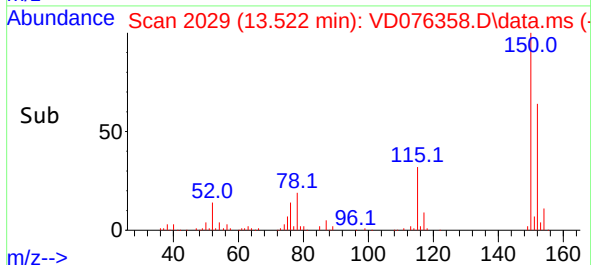
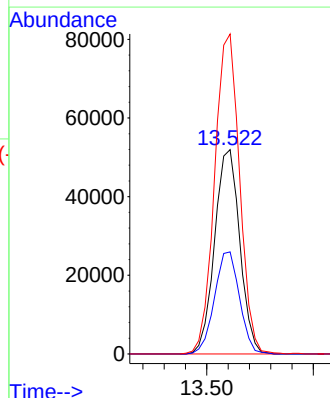
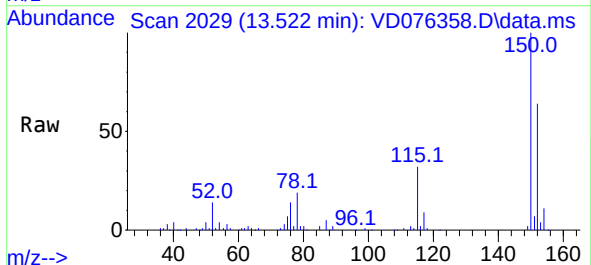
Instrument :
MSVOA_D
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CHRT-24236

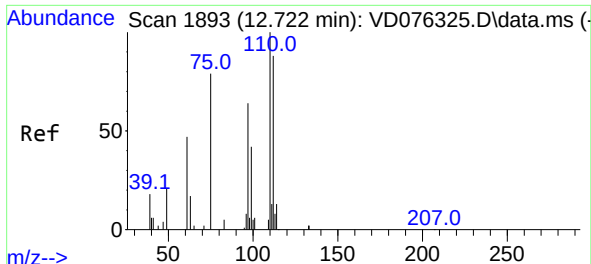
Tgt Ion:117 Resp: 225182
Ion Ratio Lower Upper
117 100
82 47.6 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

Tgt Ion:152 Resp: 85063
Ion Ratio Lower Upper
152 100
115 49.8 27.1 81.3
150 155.6 0.0 353.6

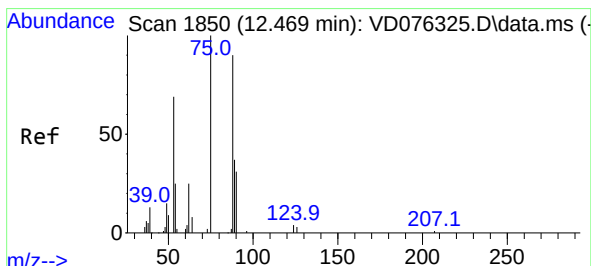
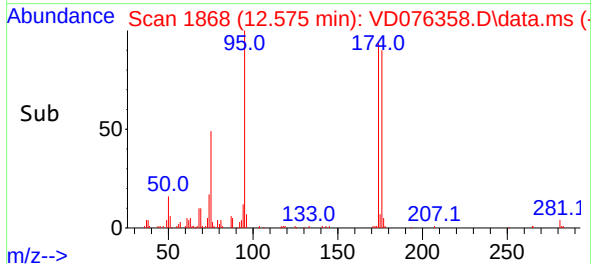
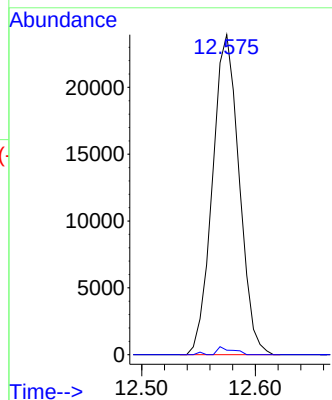
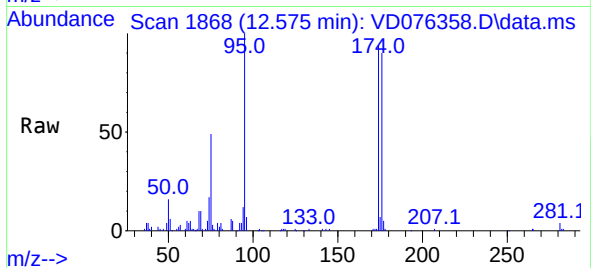




#76
1,2,3-Trichloropropane
Concen: 49.300 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

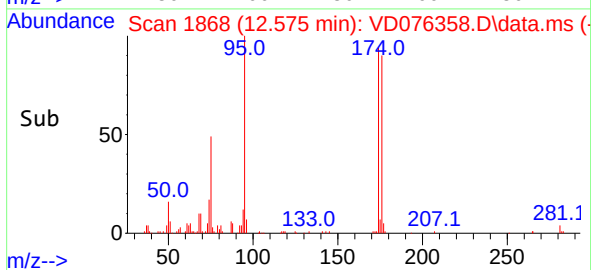
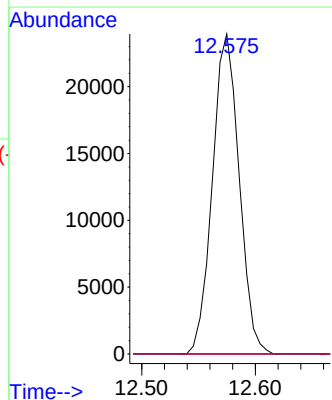
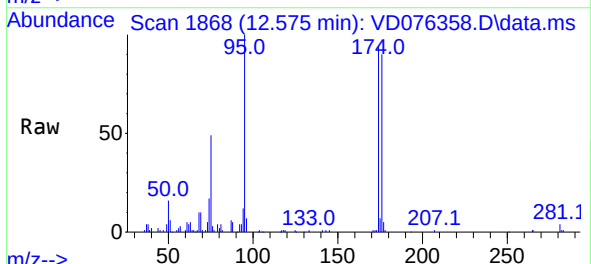
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

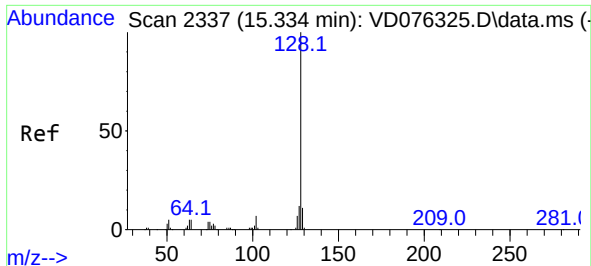
Tgt Ion: 75 Resp: 39146
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.077 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

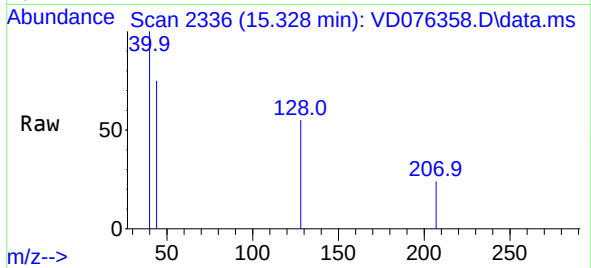
Tgt Ion: 75 Resp: 39146
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.516 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076358.D
Acq: 07 Jun 2023 17:19

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236



Tgt Ion:	128	Resp:	729
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

