

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040470.D
 Acq On : 26 Feb 2024 18:57
 Operator : JC/MD
 Sample : P1578-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20240221

Quant Time: Feb 27 05:13:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

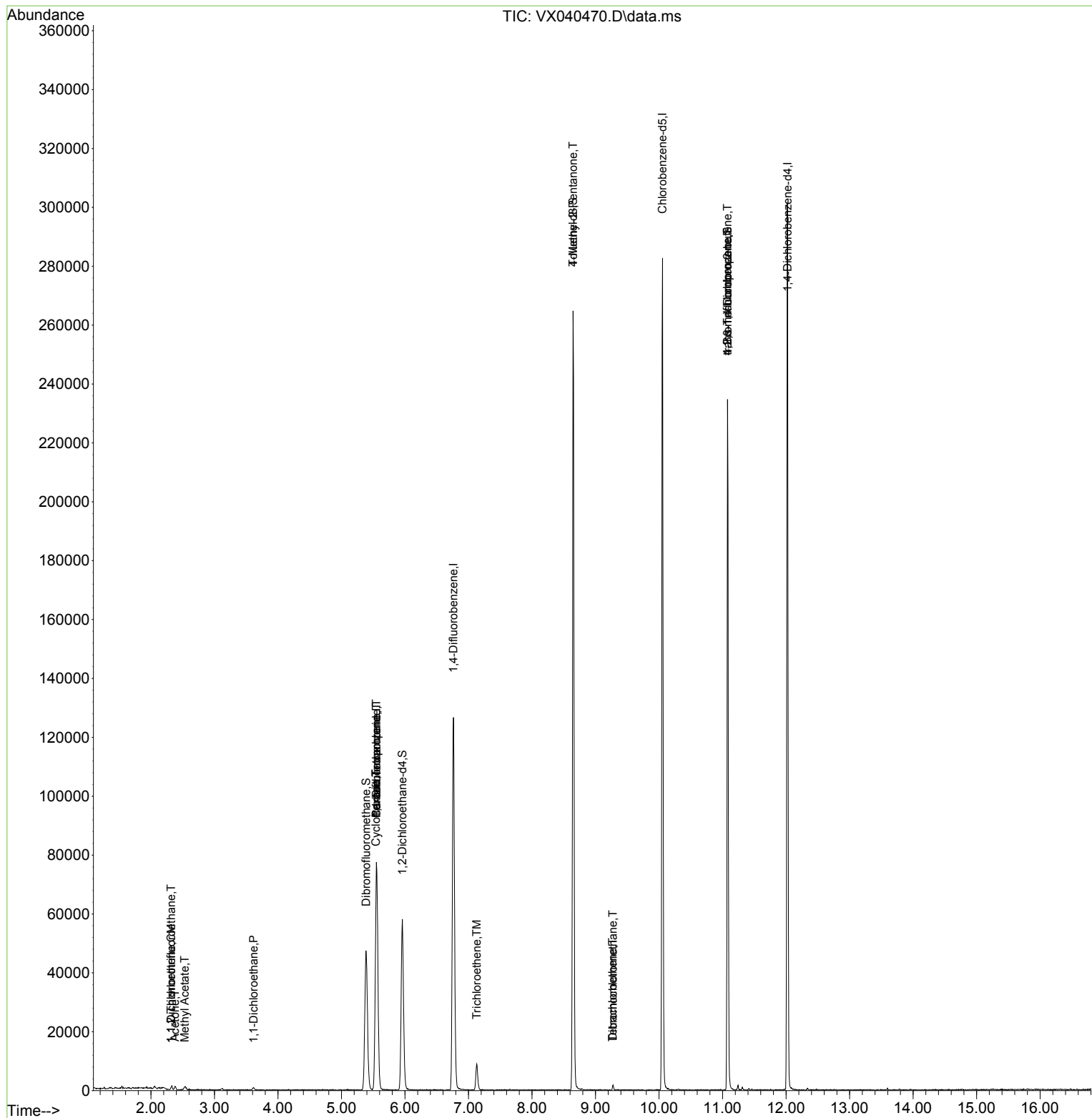
Internal Standards						
1) Pentafluorobenzene	5.550	168	67139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55952	49.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	40055	48.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.647	98	149725	49.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	58811	50.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	296	0.389	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	222	0.290	ug/l	93
16) Acetone	2.380	43	1350	3.686	ug/l	99
18) Methyl Acetate	2.532	43	370	0.328	ug/l #	53
24) 1,1-Dichloroethane	3.617	63	988	0.630	ug/l #	83
31) Cyclohexane	5.544	56	1985	1.560	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	6107	4.756	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7565	6.099	ug/l #	15
44) Trichloroethene	7.129	130	3156	3.376	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	713	0.489	ug/l #	1
60) Dibromochloromethane	9.275	129	288	0.299	ug/l #	11
64) Tetrachloroethene	9.269	164	216	0.265	ug/l #	69
76) 1,2,3-Trichloropropane	11.079	75	33952	26.315	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33952	76.522	ug/l #	5

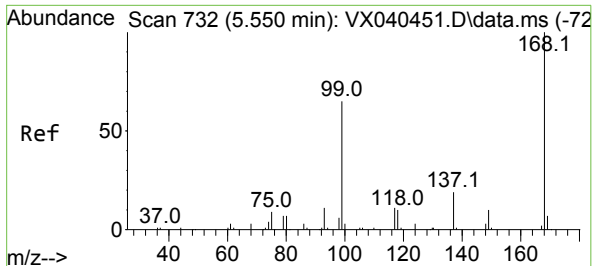
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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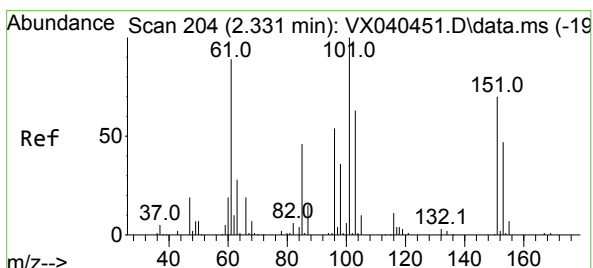
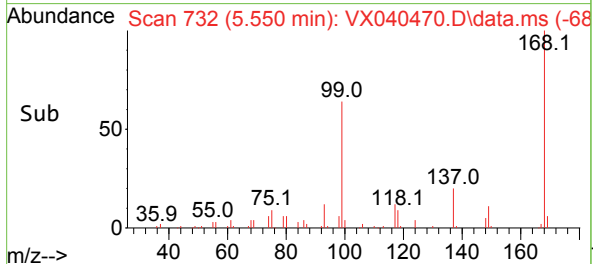
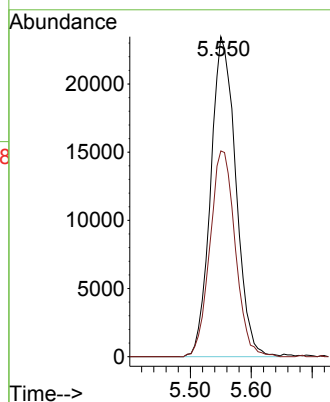
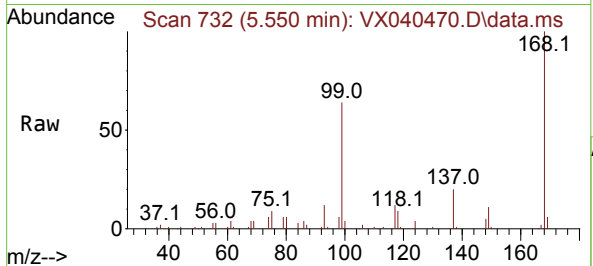




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

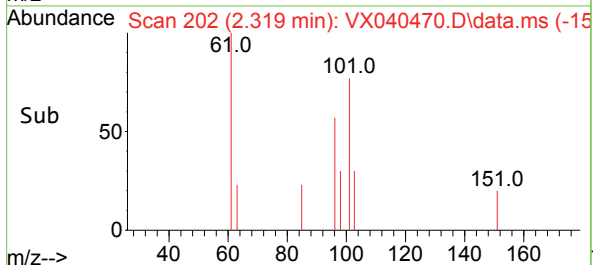
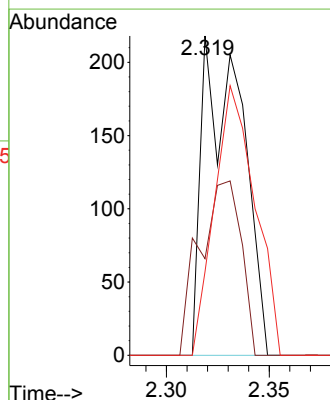
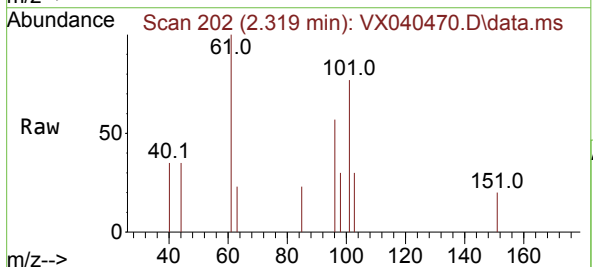
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

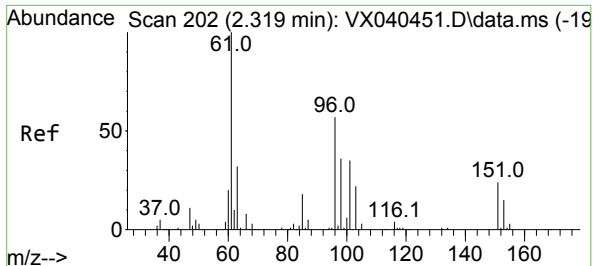
Tgt Ion:168 Resp: 67139
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.389 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

Tgt Ion:101 Resp: 296
Ion Ratio Lower Upper
101 100
85 56.4 37.0 55.6#
151 85.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.290 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040470.D

Acq: 26 Feb 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

TT180D-20240221

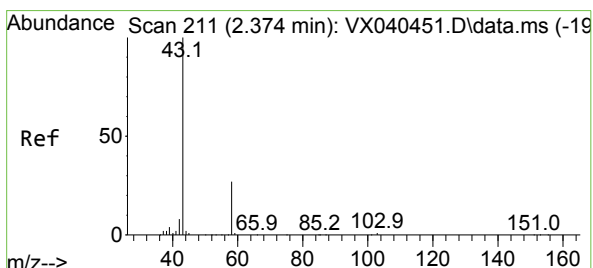
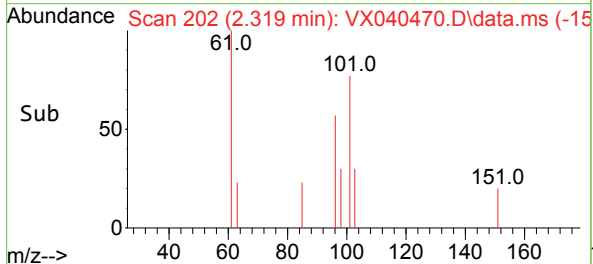
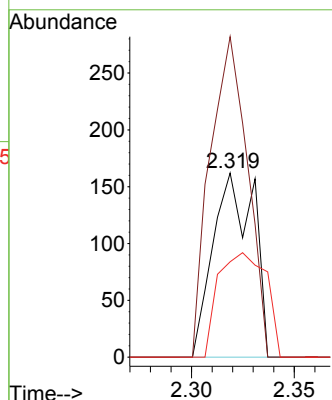
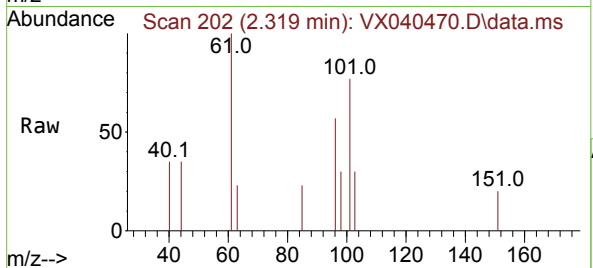
Tgt Ion: 96 Resp: 222

Ion Ratio Lower Upper

96 100

61 174.1 144.6 216.8

98 51.9 50.4 75.6



#16

Acetone

Concen: 3.686 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040470.D

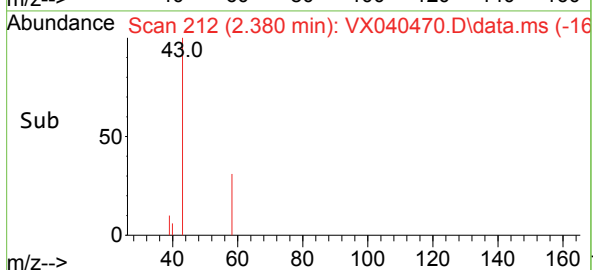
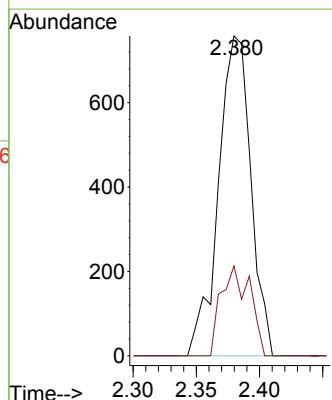
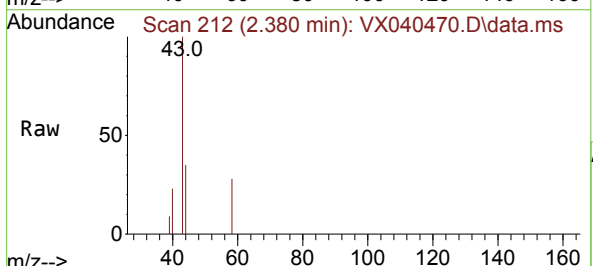
Acq: 26 Feb 2024 18:57

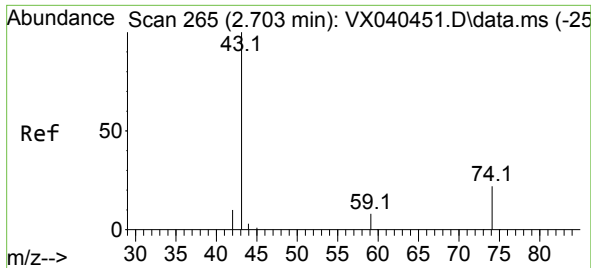
Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

43 100

58 28.1 21.9 32.9





#18

Methyl Acetate

Concen: 0.328 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.171 min

Lab File: VX040470.D

Acq: 26 Feb 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

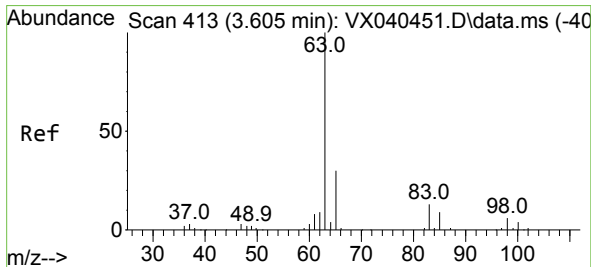
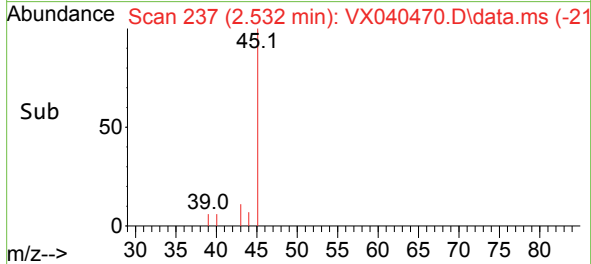
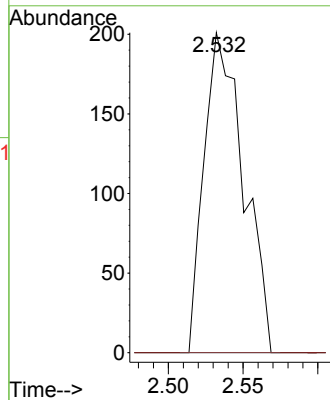
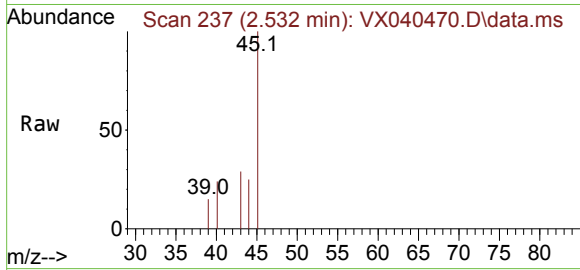
TT180D-20240221

Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#24

1,1-Dichloroethane

Concen: 0.630 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.012 min

Lab File: VX040470.D

Acq: 26 Feb 2024 18:57

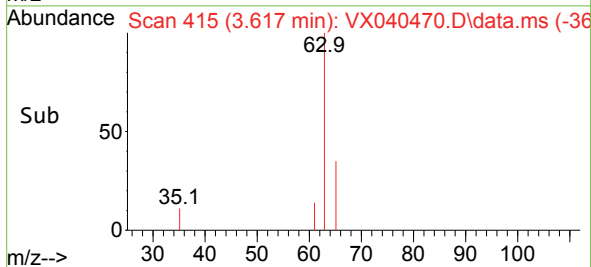
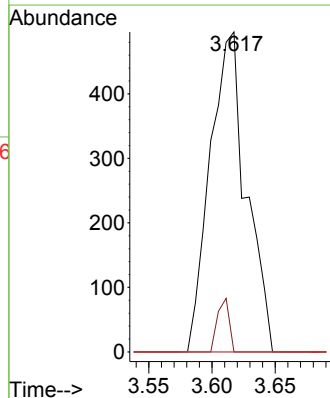
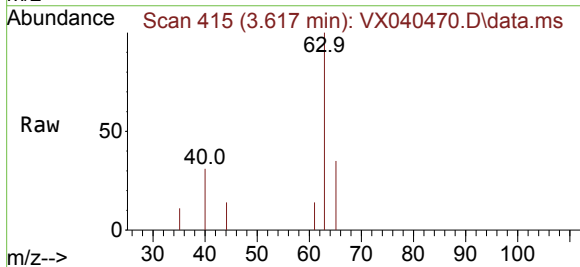
Tgt Ion: 63 Resp: 988

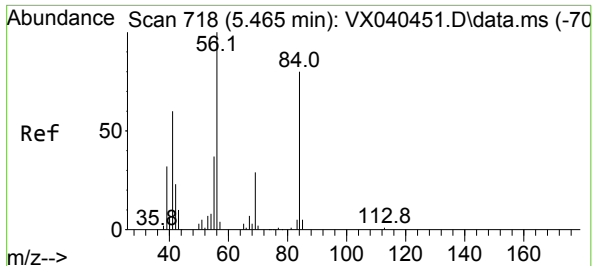
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

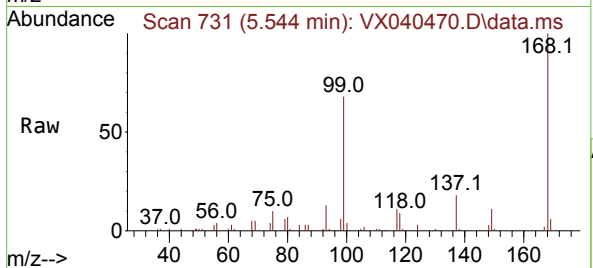
100 0.0 2.1 6.5#



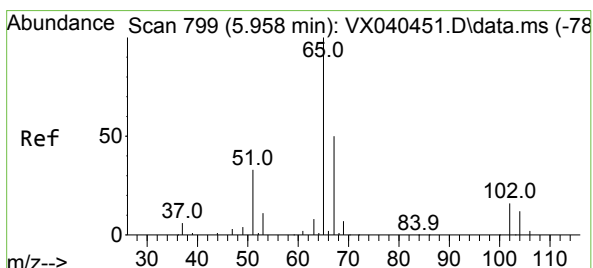
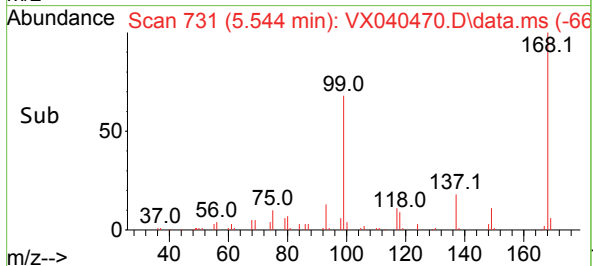
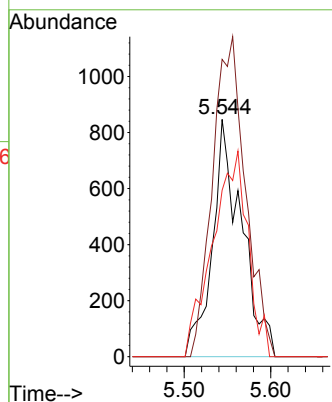


#31
Cyclohexane
Concen: 1.560 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

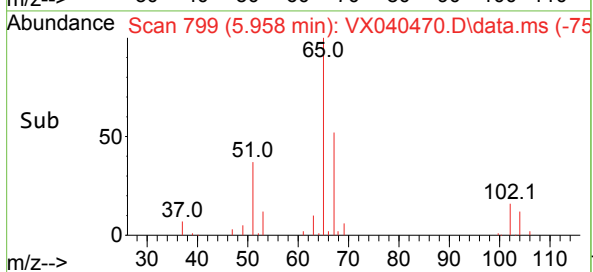
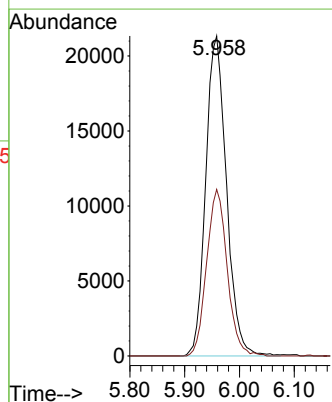
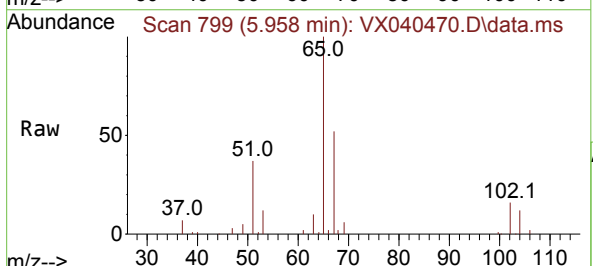


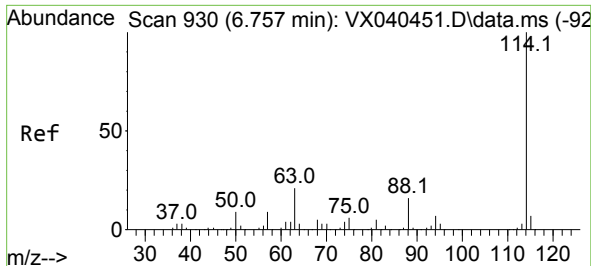
Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
69 125.3 23.4 35.2#
84 70.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.826 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

Tgt Ion: 65 Resp: 55952
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

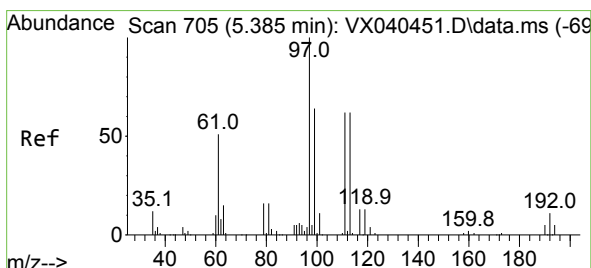
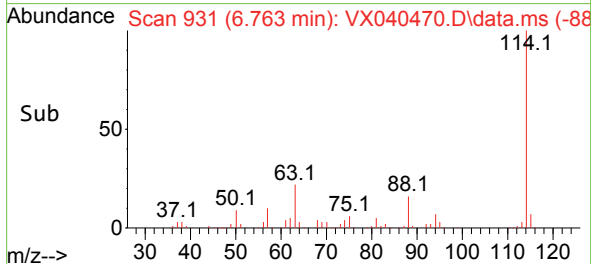
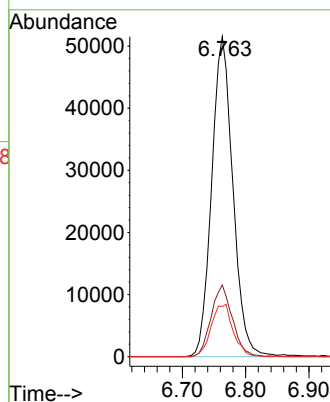
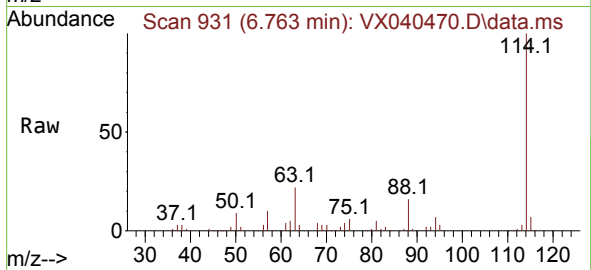




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

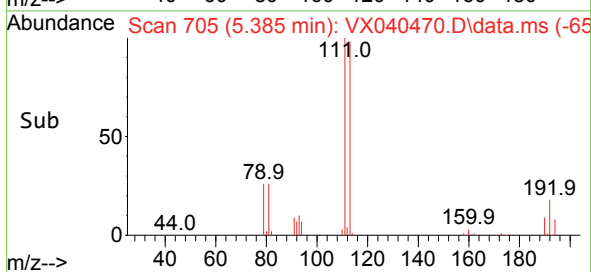
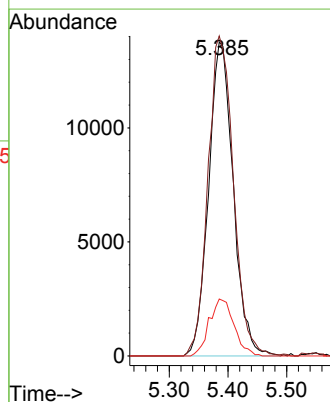
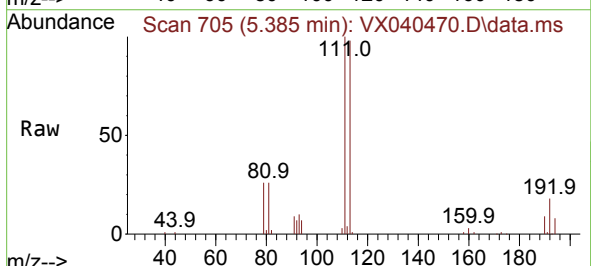
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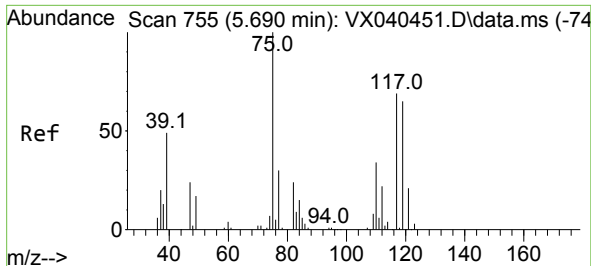
Tgt Ion:114 Resp: 119847
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.062 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

Tgt Ion:113 Resp: 40055
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 18.3 13.3 19.9

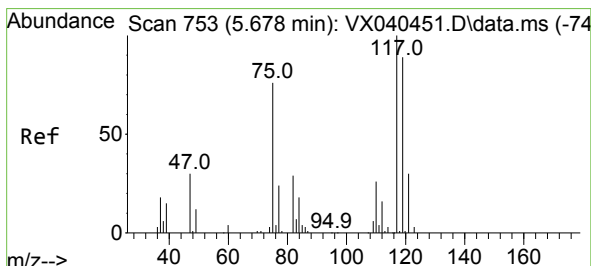
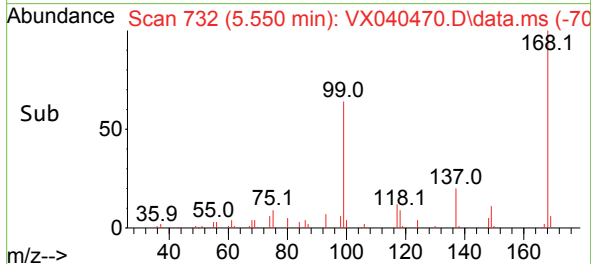
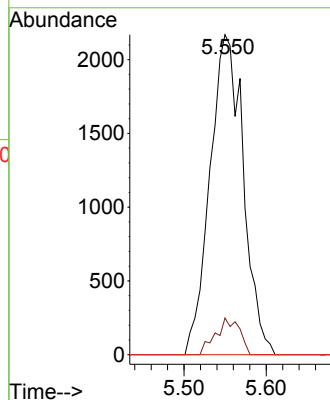
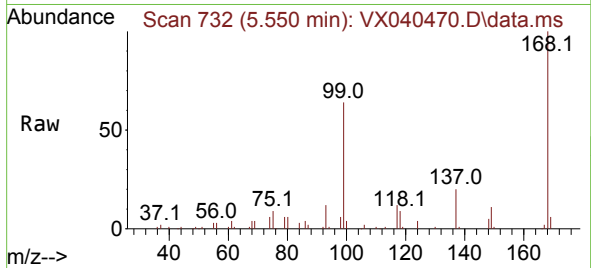




#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

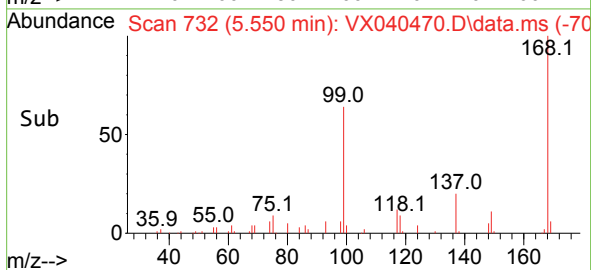
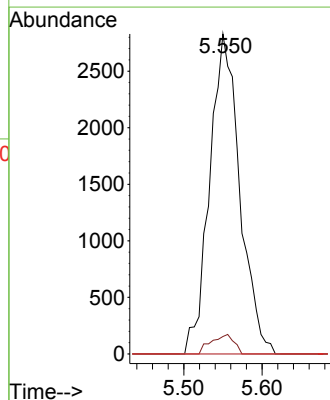
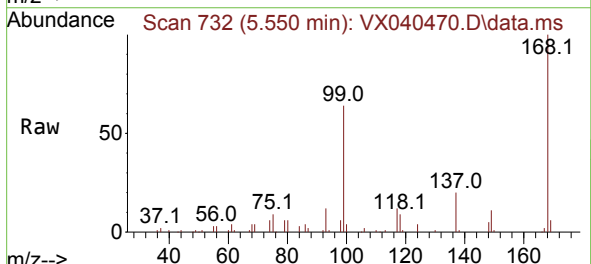
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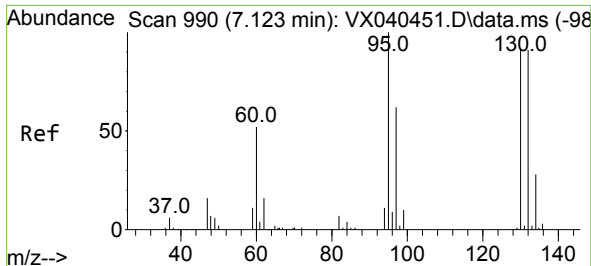
Tgt Ion: 75 Resp: 6107
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.099 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

Tgt Ion: 117 Resp: 7565
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

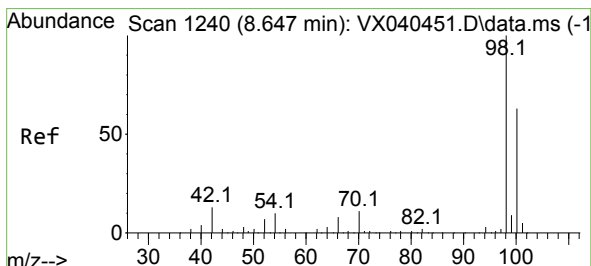
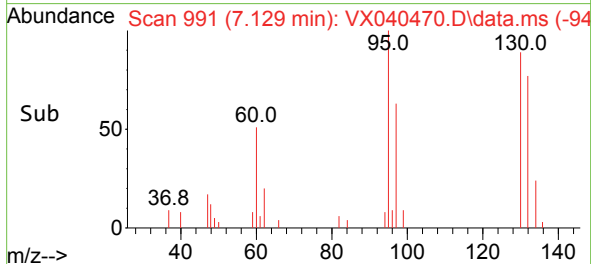
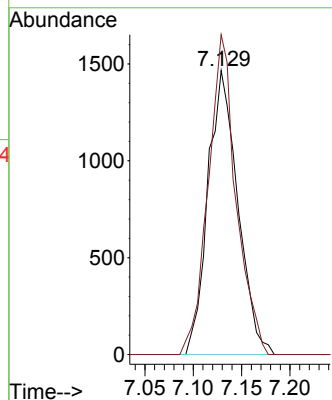
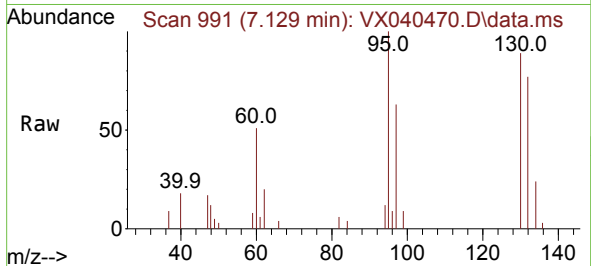




#44
 Trichloroethene
 Concen: 3.376 ug/l
 RT: 7.129 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX040470.D
 Acq: 26 Feb 2024 18:57

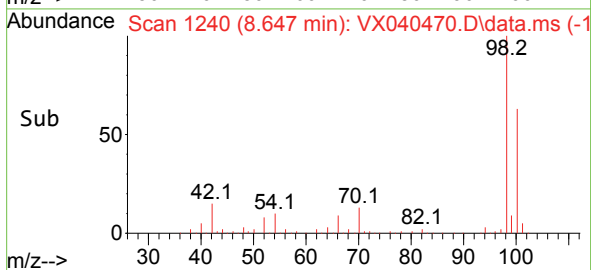
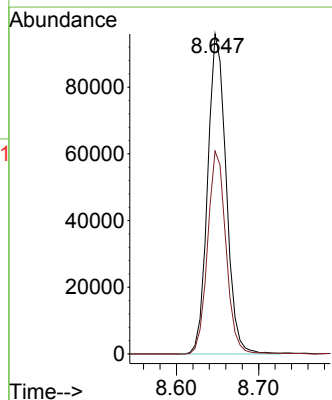
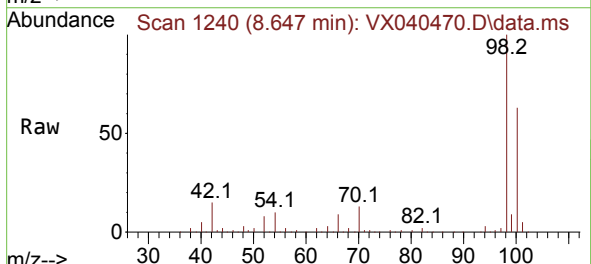
Instrument :
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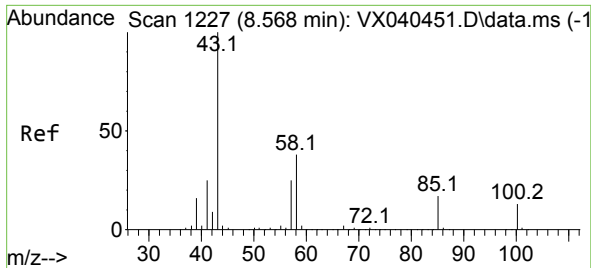
Tgt Ion:130 Resp: 3156
 Ion Ratio Lower Upper
 130 100
 95 112.6 0.0 204.4



#50
 Toluene-d8
 Concen: 49.493 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX040470.D
 Acq: 26 Feb 2024 18:57

Tgt Ion: 98 Resp: 149725
 Ion Ratio Lower Upper
 98 100
 100 63.2 53.1 79.7

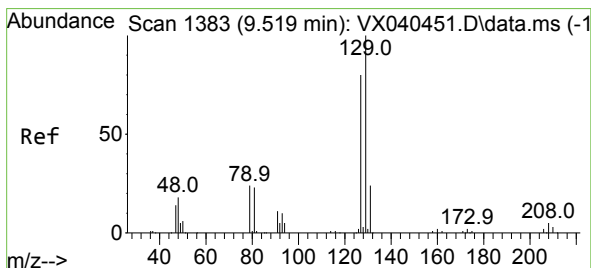
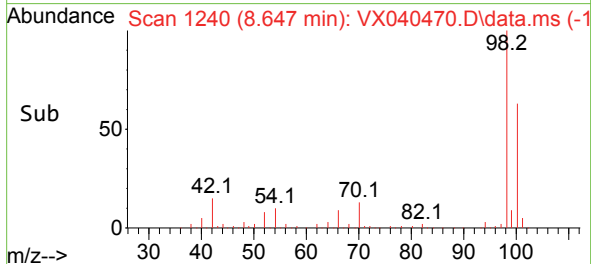
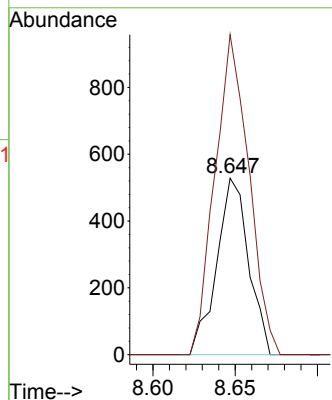
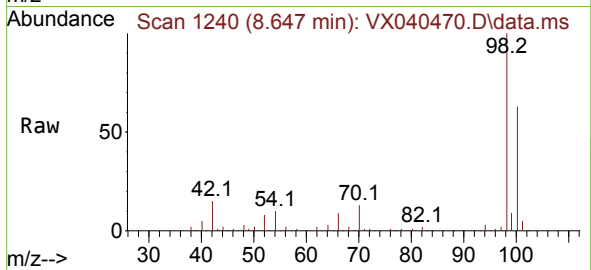




#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

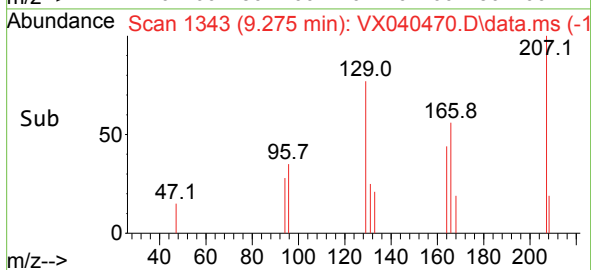
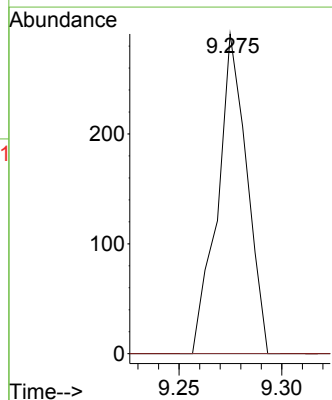
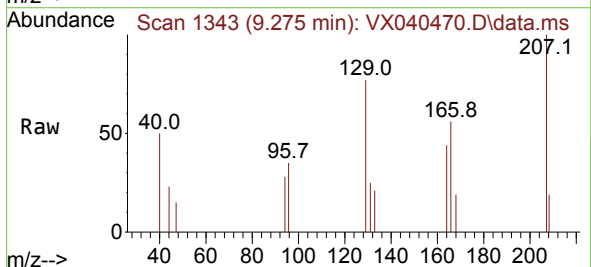
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

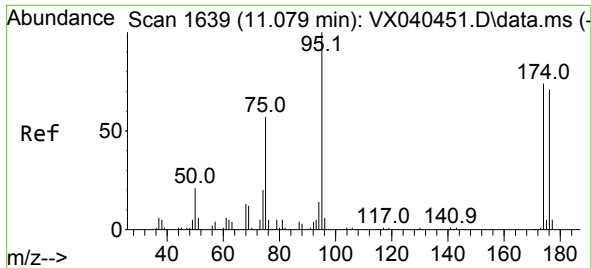
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 193.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.299 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

Tgt Ion: 129 Resp: 288
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

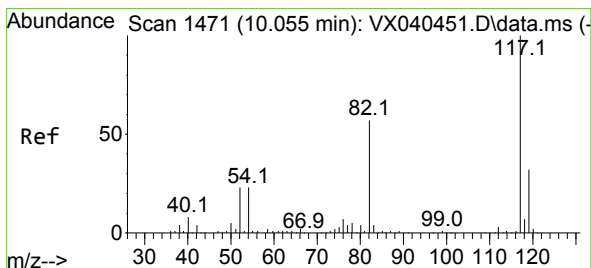
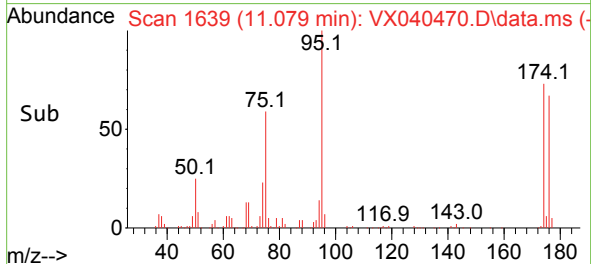
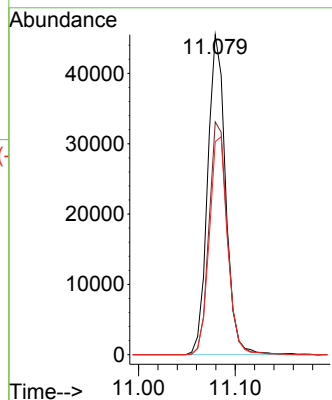
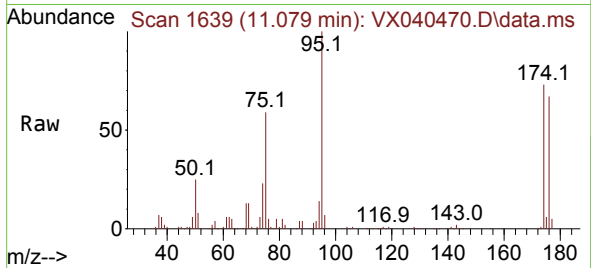




#62
4-Bromofluorobenzene
Concen: 50.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

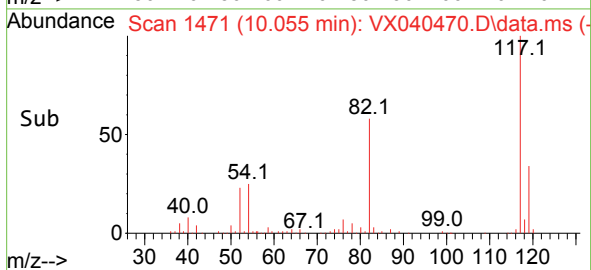
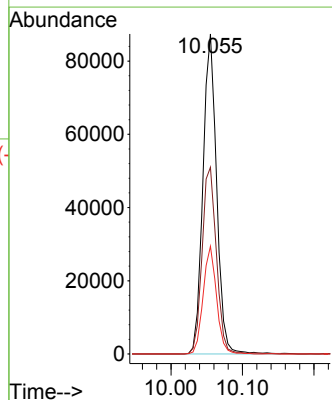
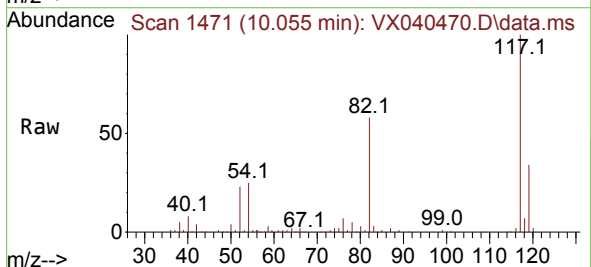
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

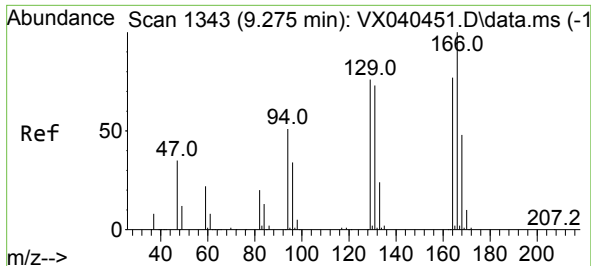
Tgt Ion: 95 Resp: 58811
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 69.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

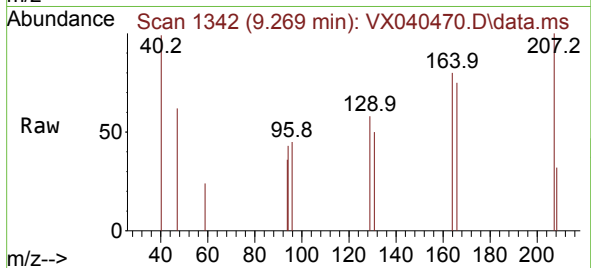
Tgt Ion: 117 Resp: 116147
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 33.7 25.5 38.3



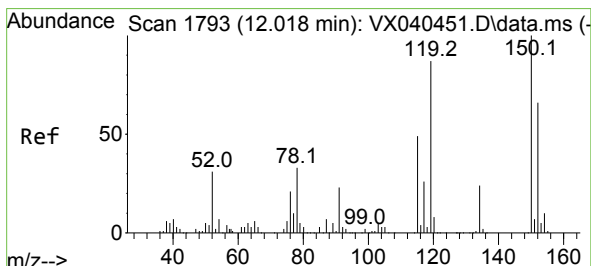
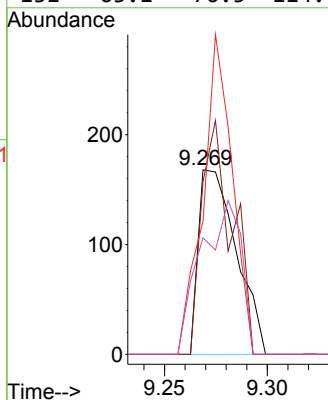
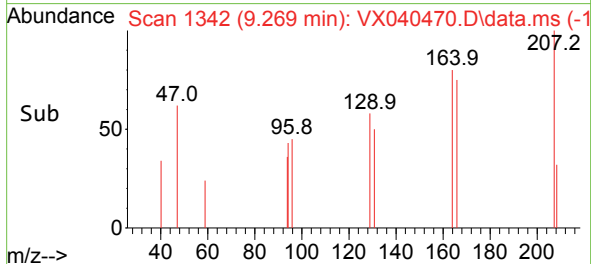


#64
Tetrachloroethene
Concen: 0.265 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57

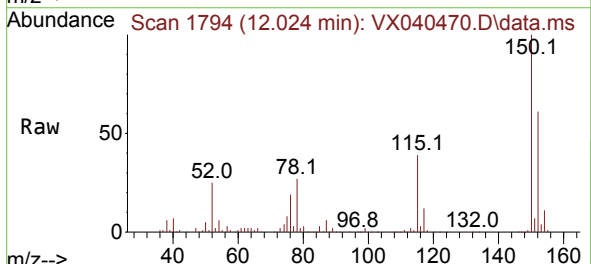
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221



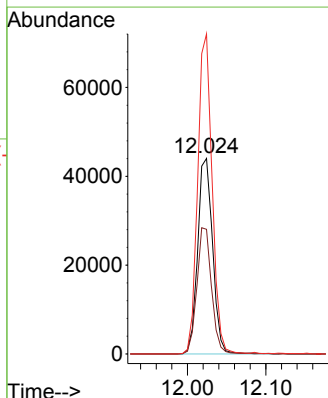
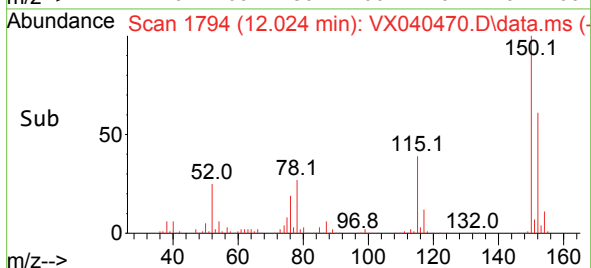
Tgt Ion:164 Resp: 216
Ion Ratio Lower Upper
164 100
166 93.5 102.7 154.1#
129 72.0 80.4 120.6#
131 63.1 76.5 114.7#

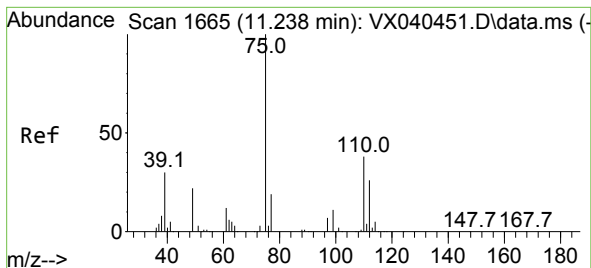


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040470.D
Acq: 26 Feb 2024 18:57



Tgt Ion:152 Resp: 58625
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.315 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040470.D

Acq: 26 Feb 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

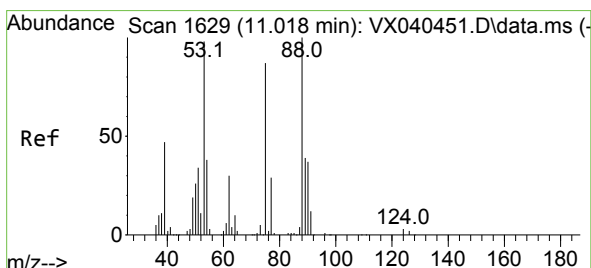
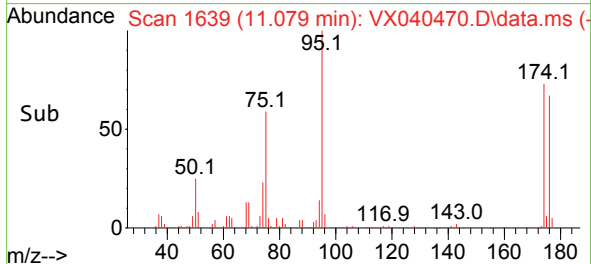
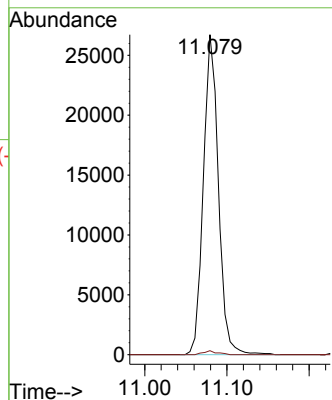
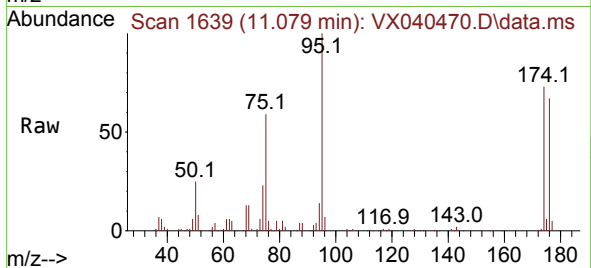
TT180D-20240221

Tgt Ion: 75 Resp: 33952

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.522 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040470.D

Acq: 26 Feb 2024 18:57

Tgt Ion: 75 Resp: 33952

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

