

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040545.D
 Acq On : 29 Feb 2024 18:16
 Operator : JC/MD
 Sample : P1615-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20240226

Quant Time: Mar 01 03:52:50 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)

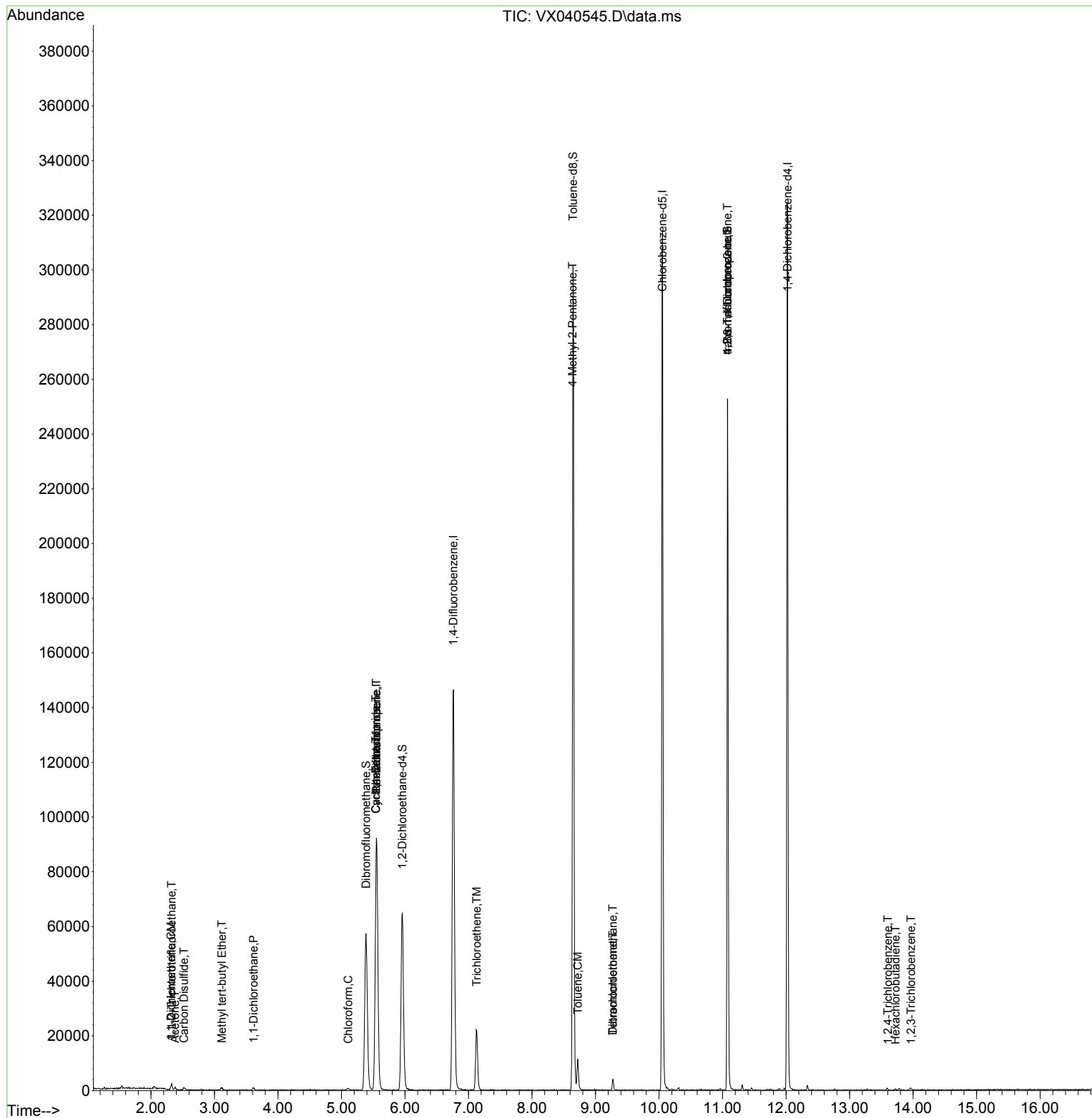
Internal Standards						
1) Pentafluorobenzene	5.550	168	81351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66266	48.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	48652	49.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.820%		
50) Toluene-d8	8.647	98	173514	49.035	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	62038	45.992	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.980%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	309	0.335	ug/l #	79
12) 1,1-Dichloroethene	2.319	96	421	0.454	ug/l	96
16) Acetone	2.380	43	851	1.918	ug/l	92
17) Carbon Disulfide	2.520	76	626	0.244	ug/l #	76
19) Methyl tert-butyl Ether	3.117	73	957	0.303	ug/l #	87
24) 1,1-Dichloroethane	3.617	63	1138	0.599	ug/l #	83
30) Chloroform	5.105	83	776	0.385	ug/l #	65
31) Cyclohexane	5.544	56	2333	1.513	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	7761	5.167	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8831	6.086	ug/l #	17
44) Trichloroethene	7.129	130	8297	7.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	936	0.549	ug/l #	1
52) Toluene	8.720	92	4174	1.673	ug/l	98
60) Dibromochloromethane	9.275	129	639	0.568	ug/l #	11
64) Tetrachloroethene	9.275	164	593	0.620	ug/l #	78
76) 1,2,3-Trichloropropane	11.079	75	35063	24.553	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	35063	71.804	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.603	180	375	0.268	ug/l #	82
94) Hexachlorobutadiene	13.725	225	146	0.255	ug/l #	40
96) 1,2,3-Trichlorobenzene	13.969	180	338	0.254	ug/l	88

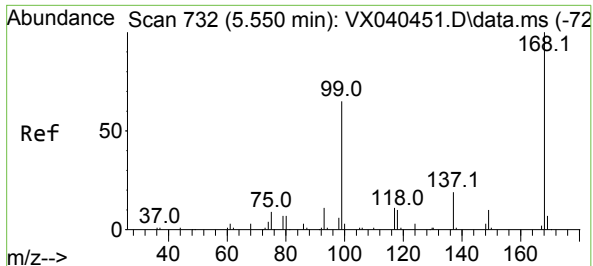
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
Data File : VX040545.D
Acq On : 29 Feb 2024 18:16
Operator : JC/MD
Sample : P1615-02RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

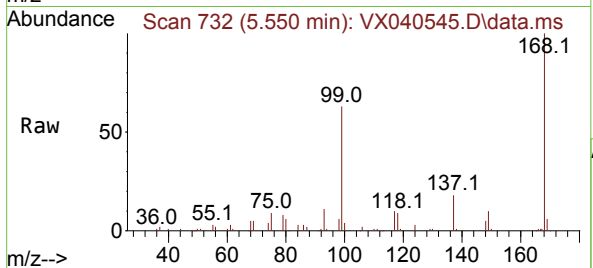
Quant Time: Mar 01 03:52:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration



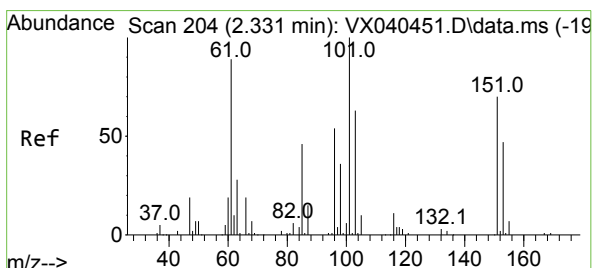
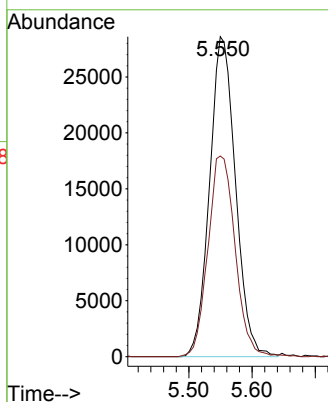
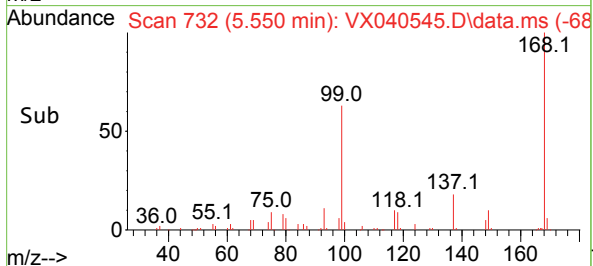


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

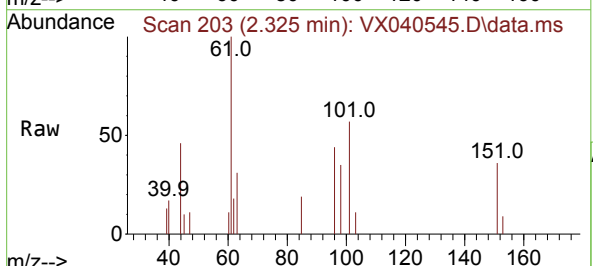
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226



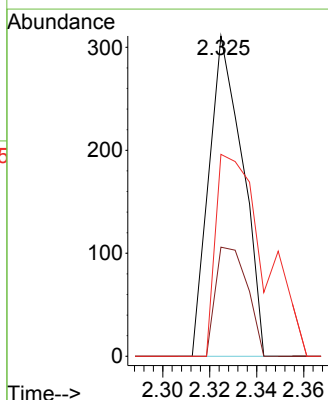
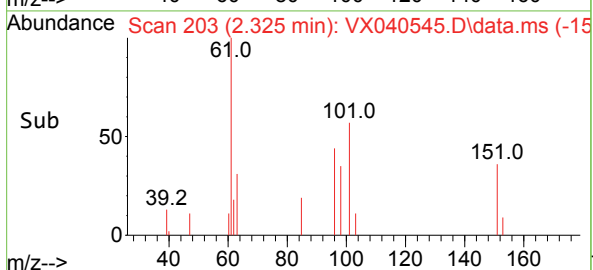
Tgt Ion:168 Resp: 81351
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

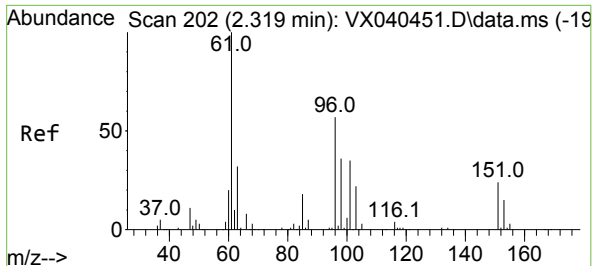


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.335 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16



Tgt Ion:101 Resp: 309
Ion Ratio Lower Upper
101 100
85 32.4 37.0 55.6#
151 90.9 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 0.454 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040545.D

Acq: 29 Feb 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20240226

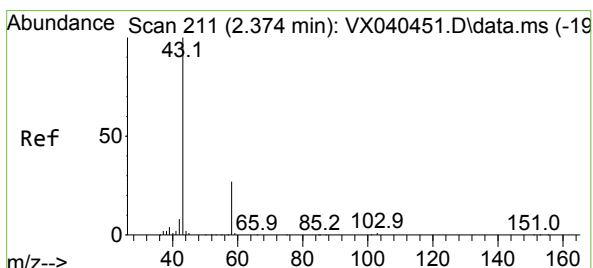
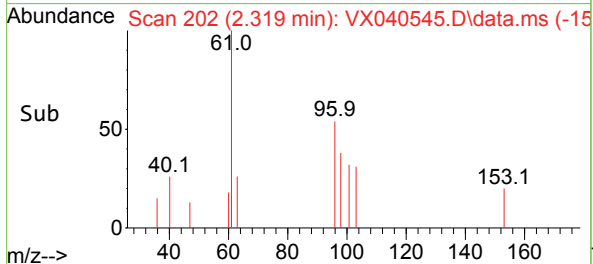
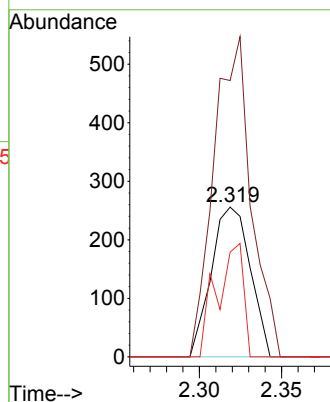
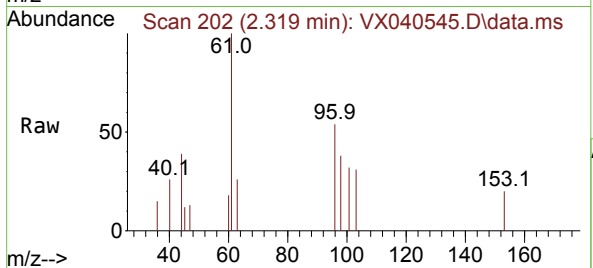
Tgt Ion: 96 Resp: 421

Ion Ratio Lower Upper

96 100

61 184.4 144.6 216.8

98 69.9 50.4 75.6



#16

Acetone

Concen: 1.918 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040545.D

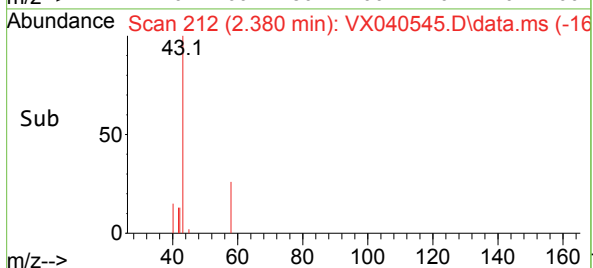
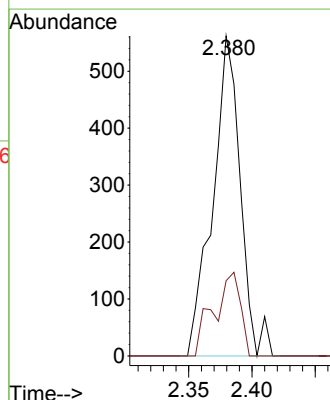
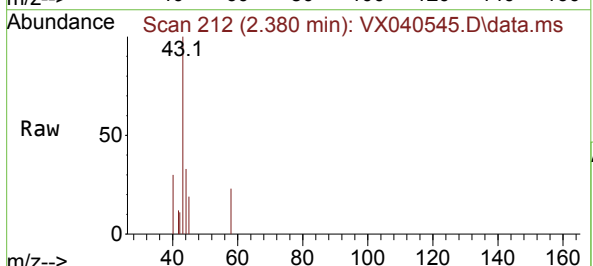
Acq: 29 Feb 2024 18:16

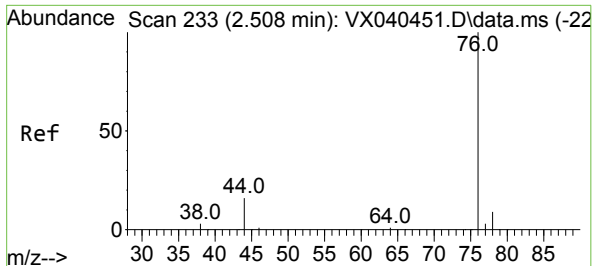
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

58 23.5 21.9 32.9

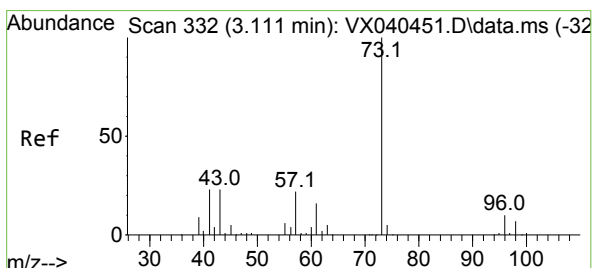
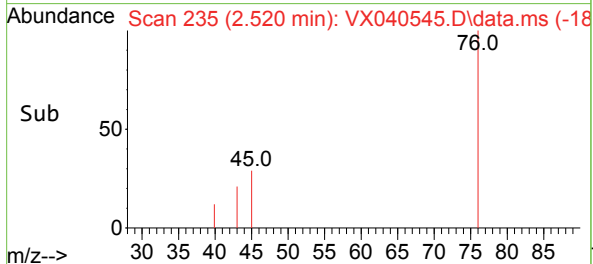
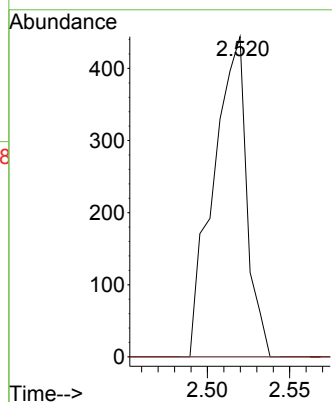
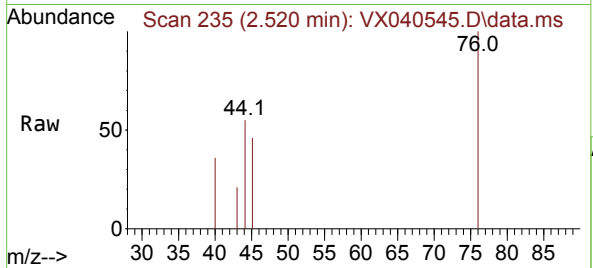




#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

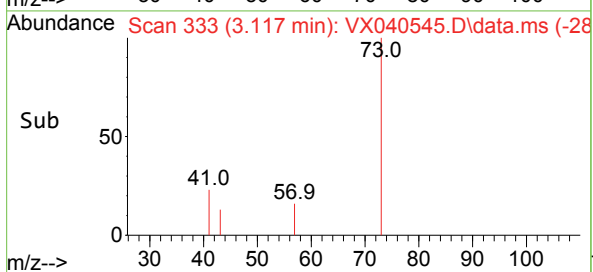
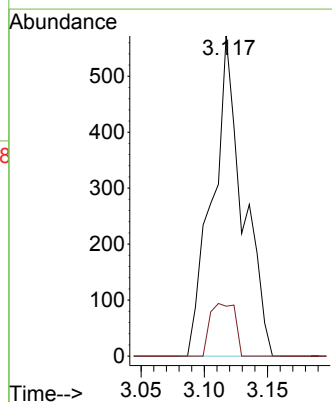
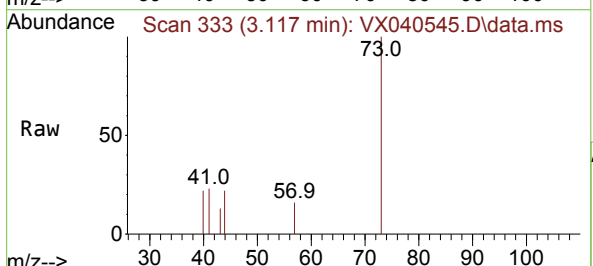
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

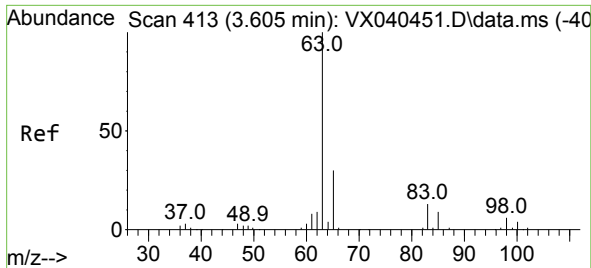
Tgt Ion: 76 Resp: 626
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#19
Methyl tert-butyl Ether
Concen: 0.303 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 73 Resp: 957
Ion Ratio Lower Upper
73 100
57 15.6 17.3 25.9#





#24

1,1-Dichloroethane

Concen: 0.599 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX040545.D

Acq: 29 Feb 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20240226

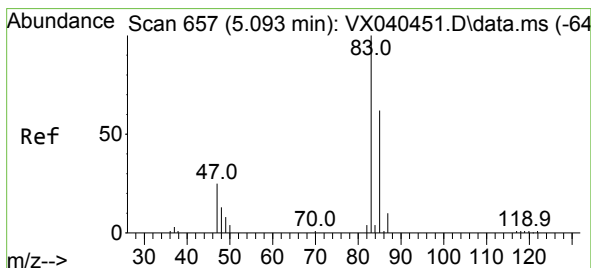
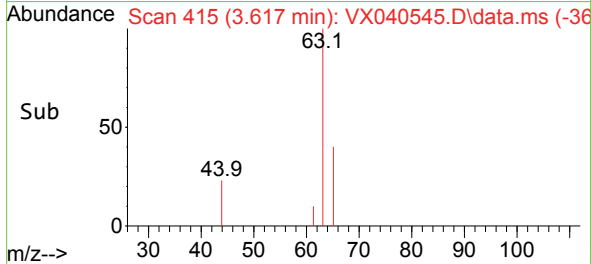
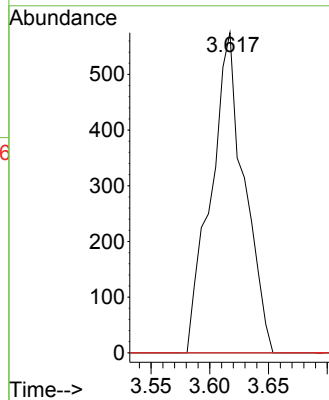
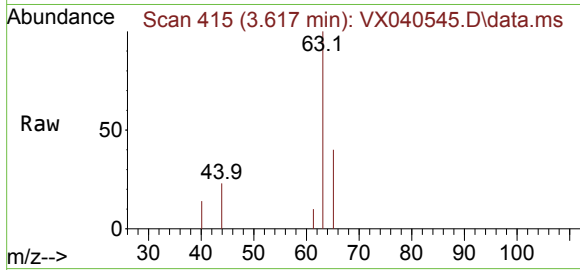
Tgt Ion: 63 Resp: 1138

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#



#30

Chloroform

Concen: 0.385 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX040545.D

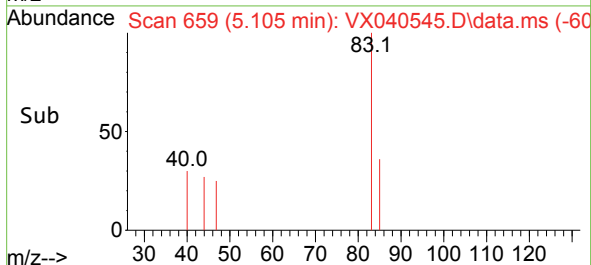
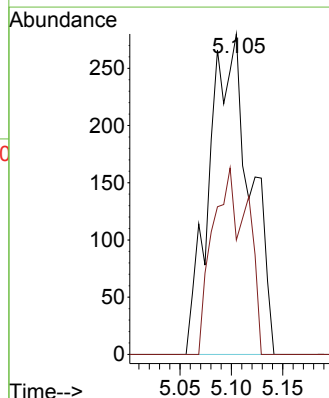
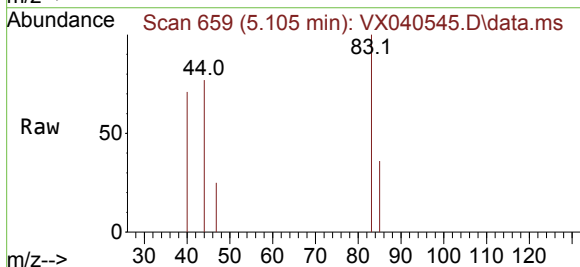
Acq: 29 Feb 2024 18:16

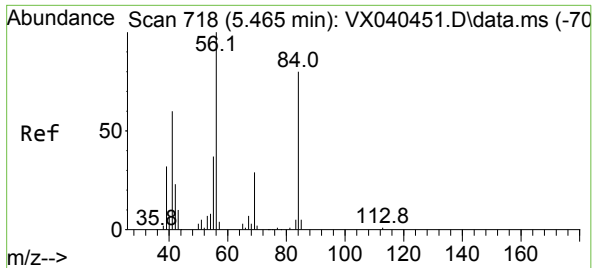
Tgt Ion: 83 Resp: 776

Ion Ratio Lower Upper

83 100

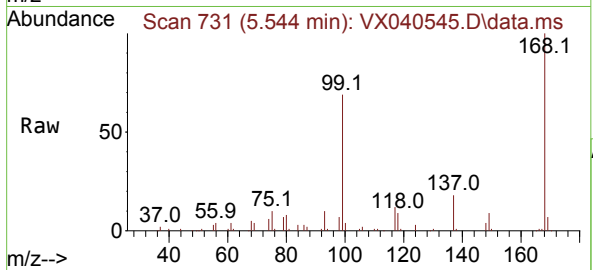
85 35.7 50.3 75.5#



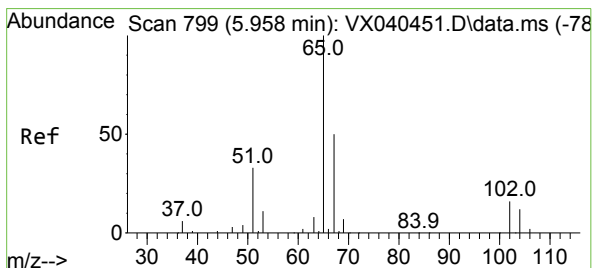
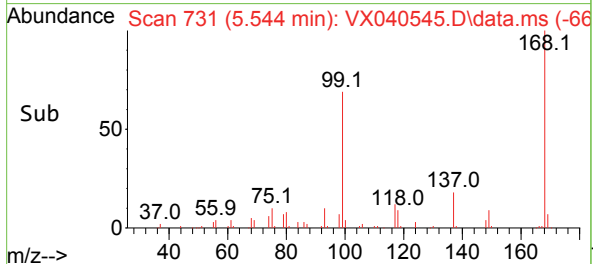
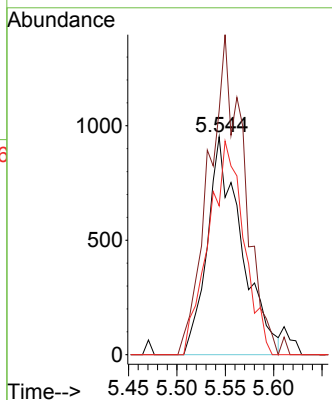


#31
Cyclohexane
Concen: 1.513 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

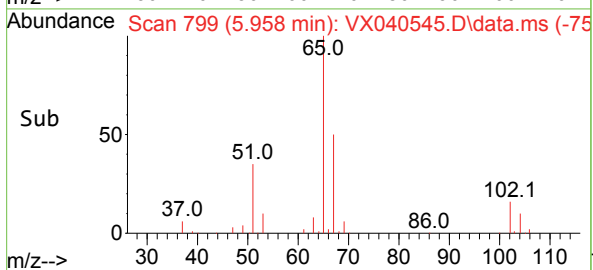
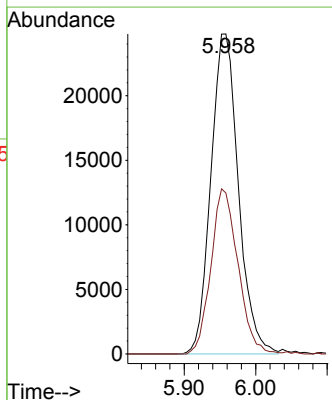
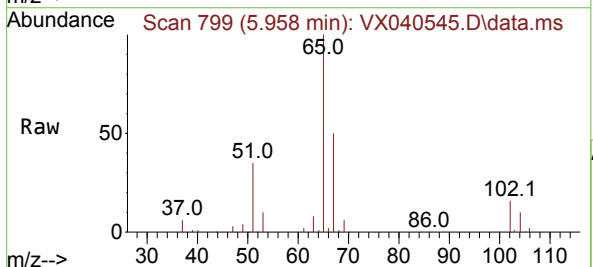


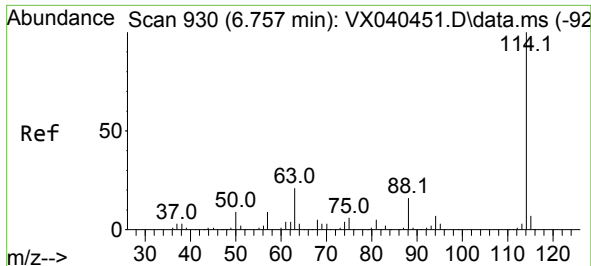
Tgt Ion: 56 Resp: 2333
Ion Ratio Lower Upper
56 100
69 112.0 23.4 35.2#
84 68.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.702 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 65 Resp: 66266
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

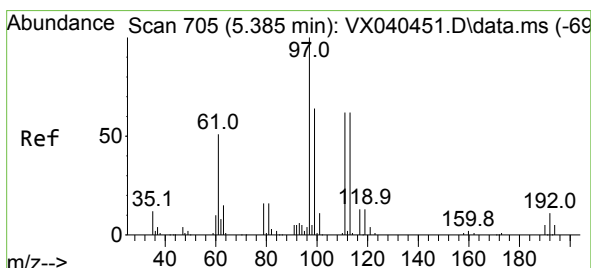
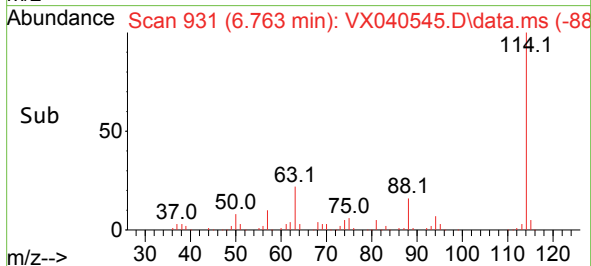
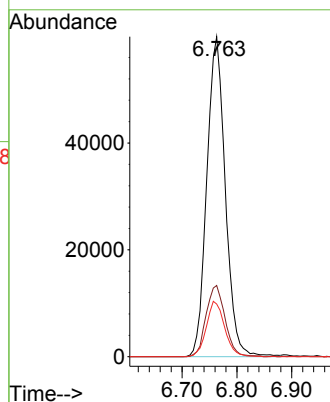
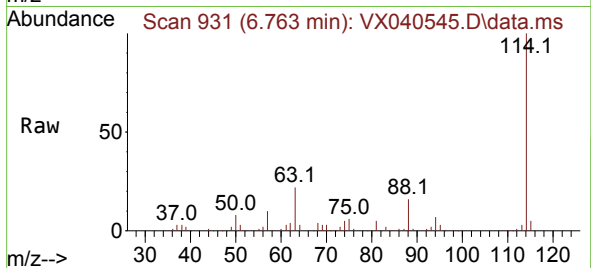




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

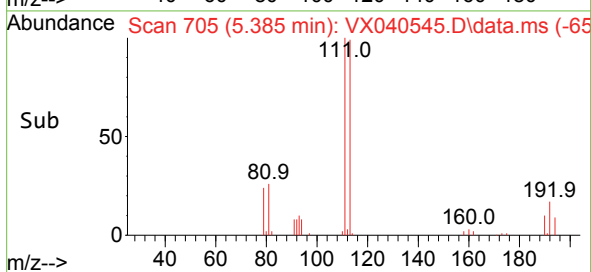
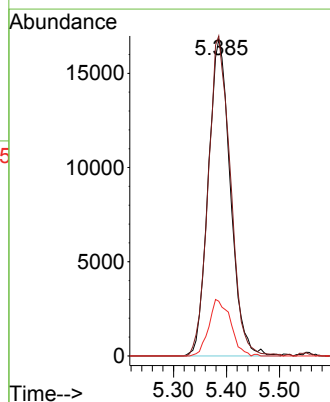
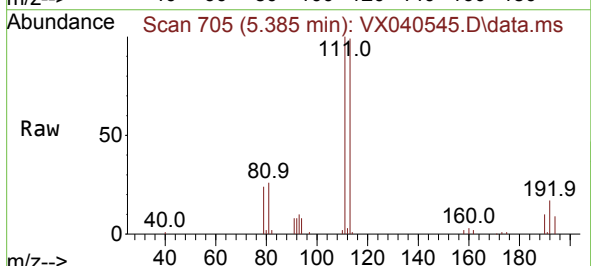
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

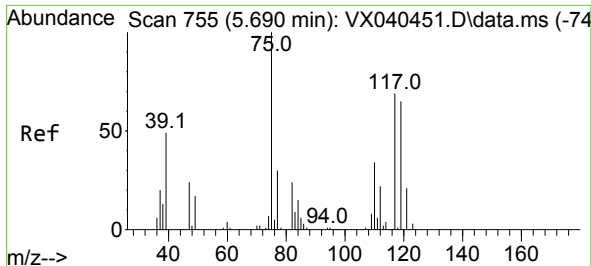
Tgt Ion:114 Resp: 140188
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

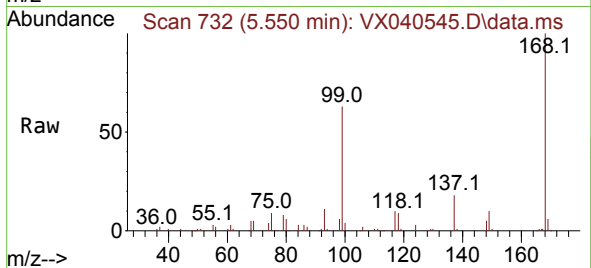
Tgt Ion:113 Resp: 48652
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 17.6 13.3 19.9



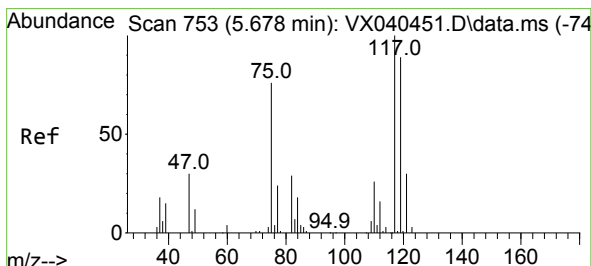
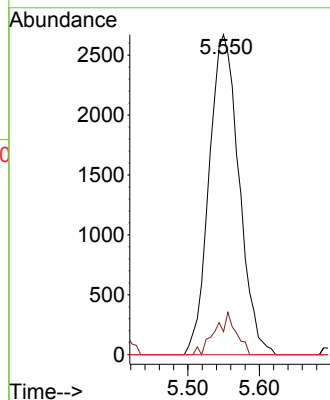
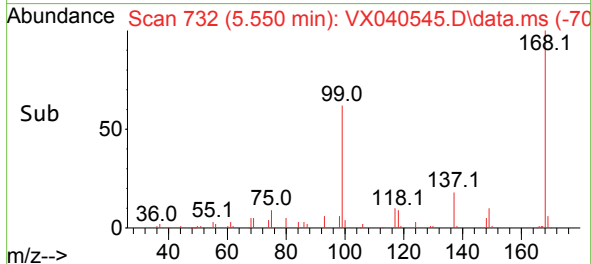


#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

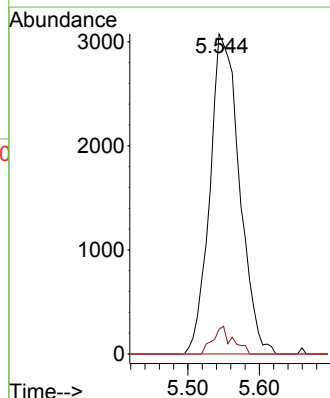
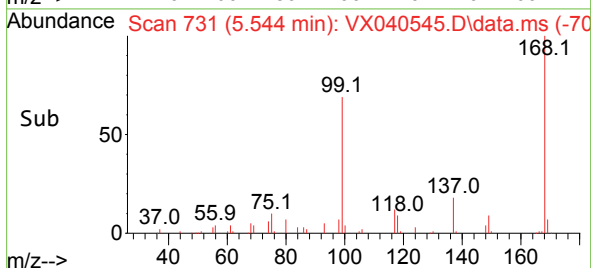
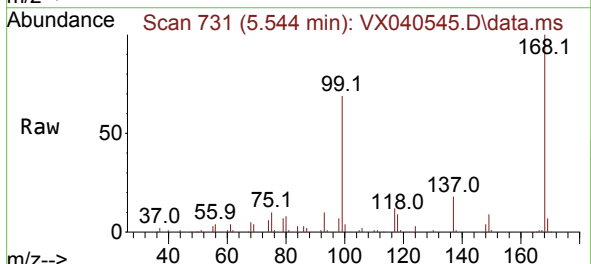


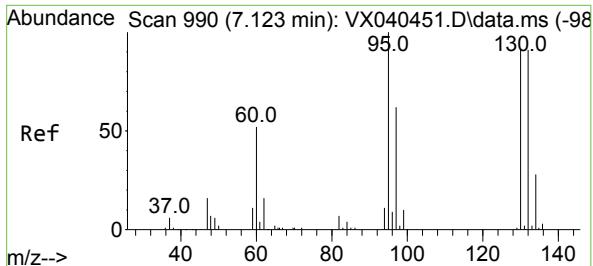
Tgt Ion: 75 Resp: 7761
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.086 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 117 Resp: 8831
Ion Ratio Lower Upper
117 100
119 7.8 78.2 117.2#
121 0.0 24.4 36.6#

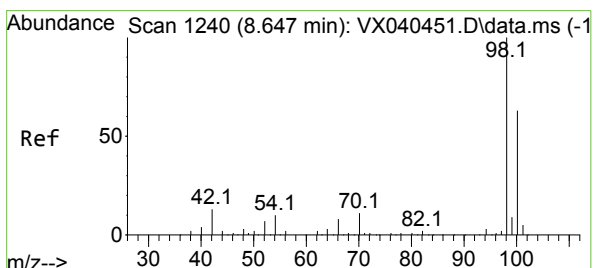
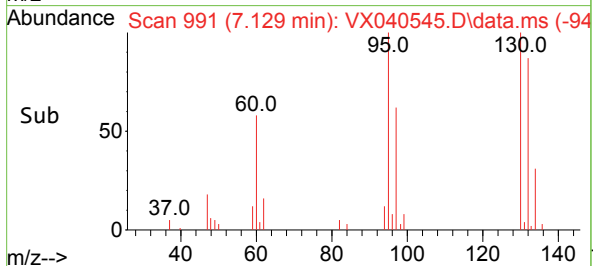
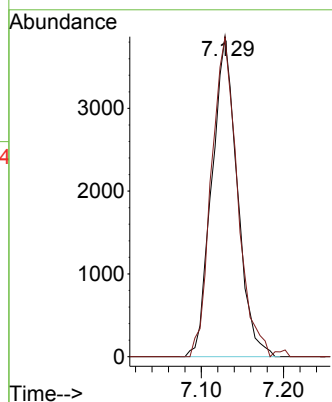
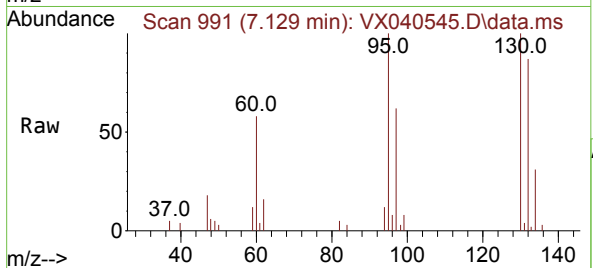




#44
Trichloroethene
Concen: 7.587 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

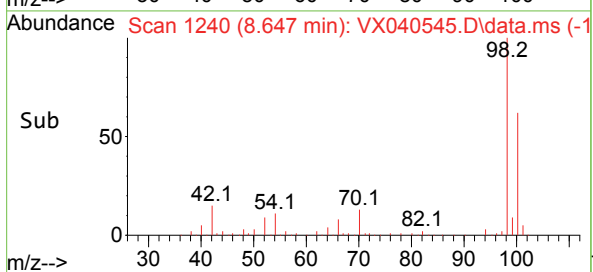
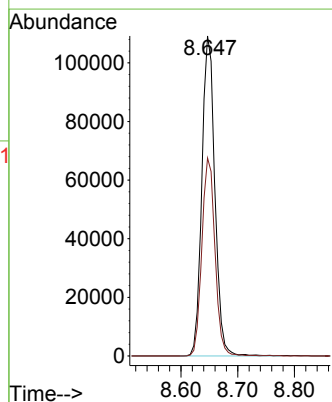
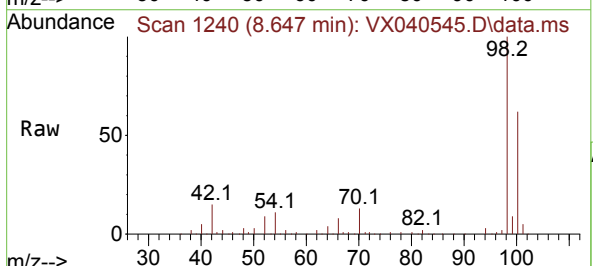
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

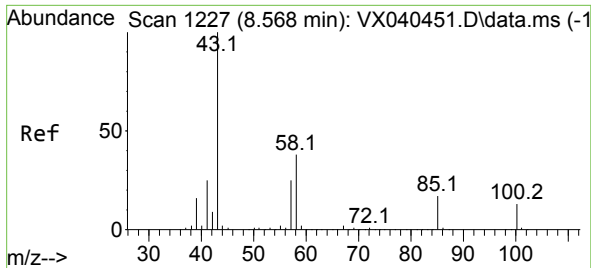
Tgt Ion:130 Resp: 8297
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.4



#50
Toluene-d8
Concen: 49.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 98 Resp: 173514
Ion Ratio Lower Upper
98 100
100 62.4 53.1 79.7

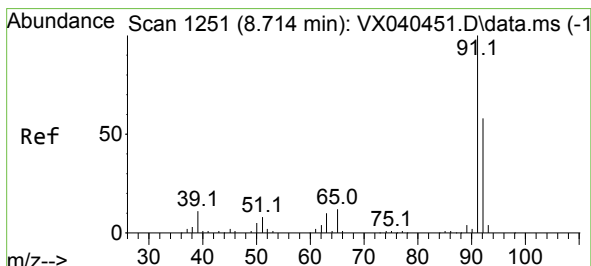
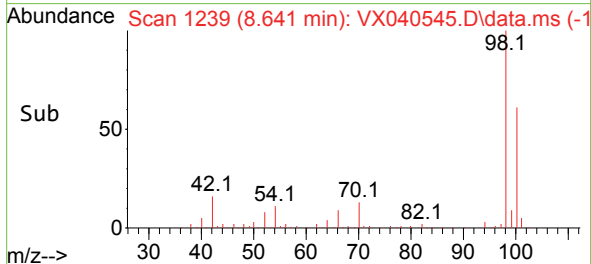
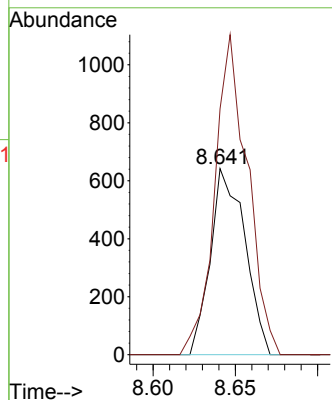
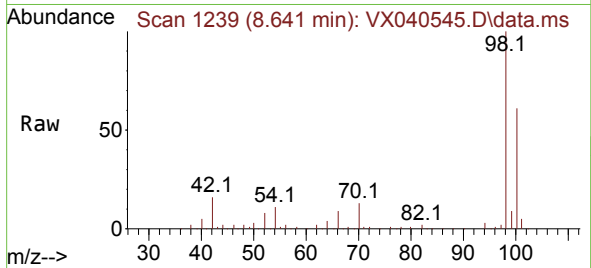




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.073 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

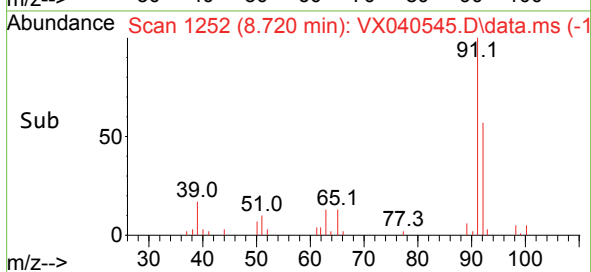
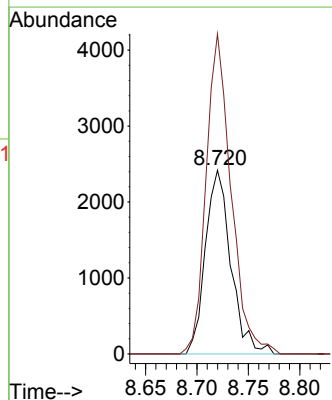
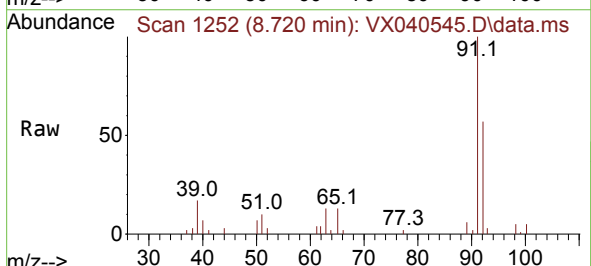
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

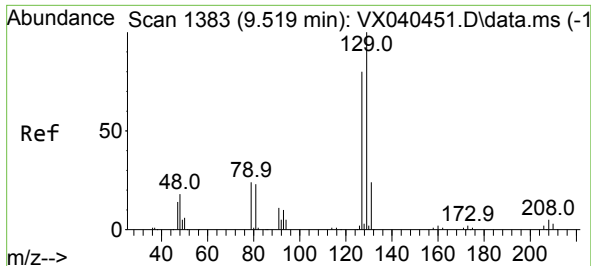
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 163.1 30.4 45.6#



#52
Toluene
Concen: 1.673 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 92 Resp: 4174
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2

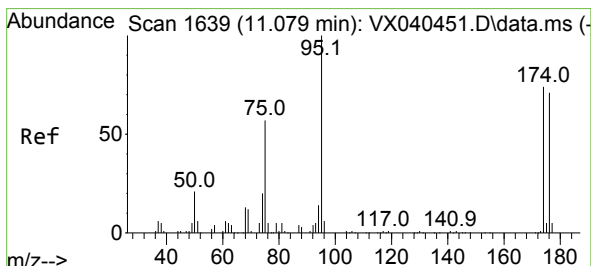
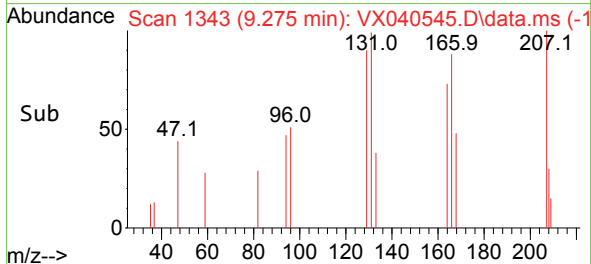
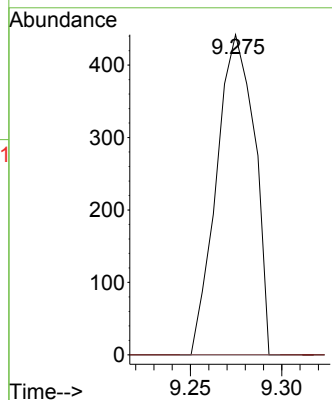
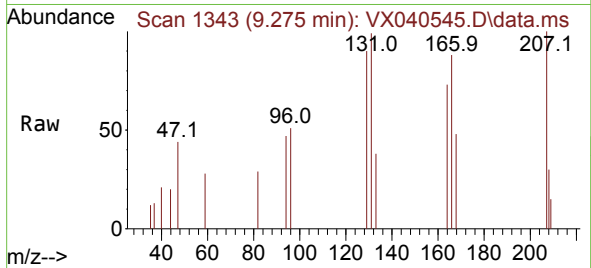




#60
Dibromochloromethane
Concen: 0.568 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

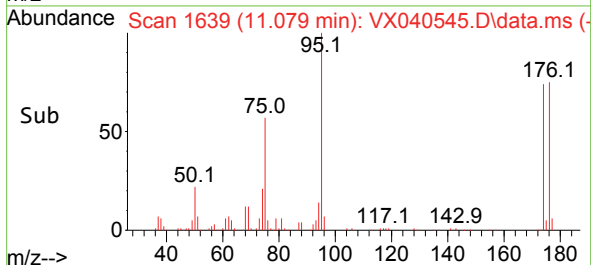
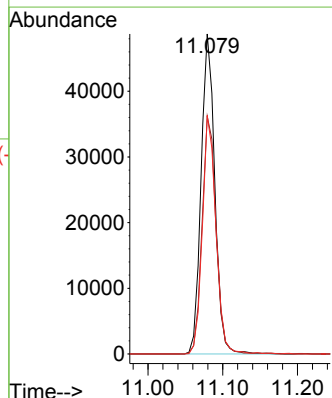
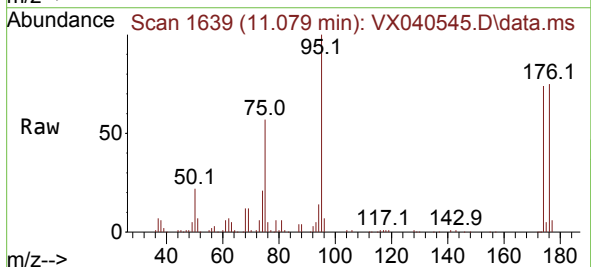
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

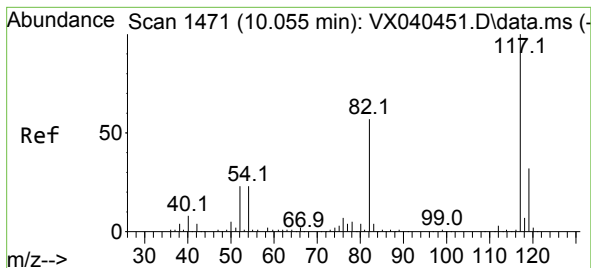
Tgt Ion:129 Resp: 639
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

Tgt Ion: 95 Resp: 62038
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 74.0 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: VX040545.D

Acq: 29 Feb 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20240226

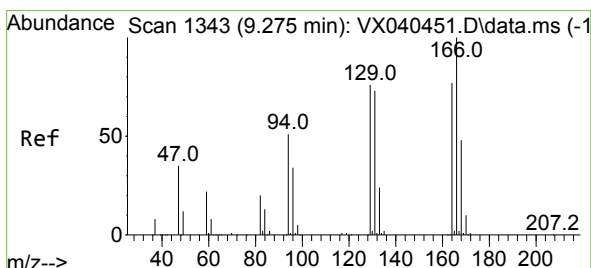
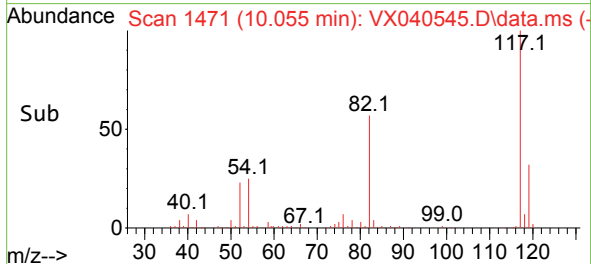
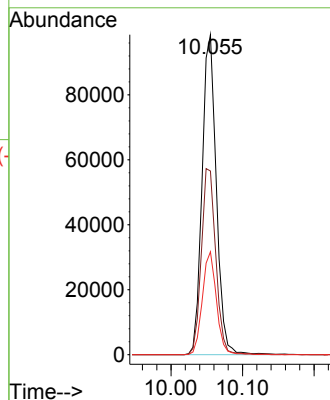
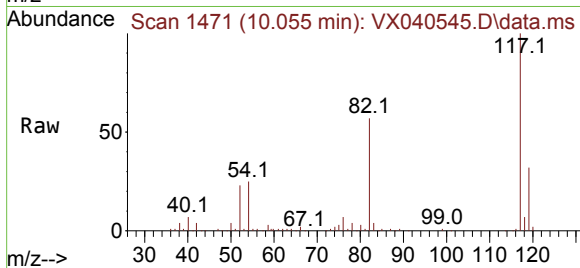
Tgt Ion:117 Resp: 136279

Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 0.620 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040545.D

Acq: 29 Feb 2024 18:16

Tgt Ion:164 Resp: 593

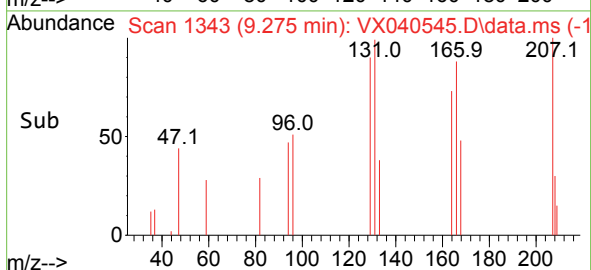
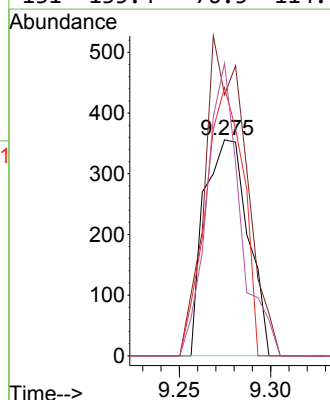
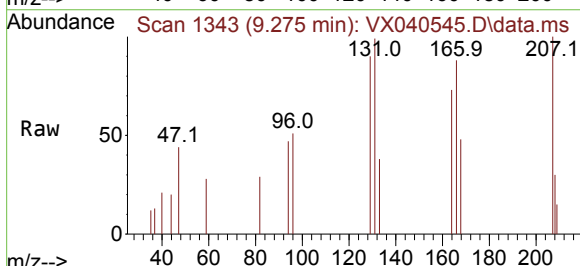
Ion Ratio Lower Upper

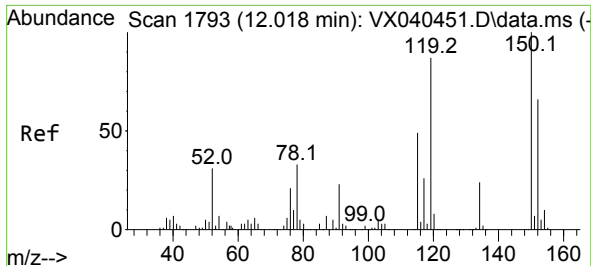
164 100

166 120.8 102.7 154.1

129 124.2 80.4 120.6#

131 135.4 76.5 114.7#

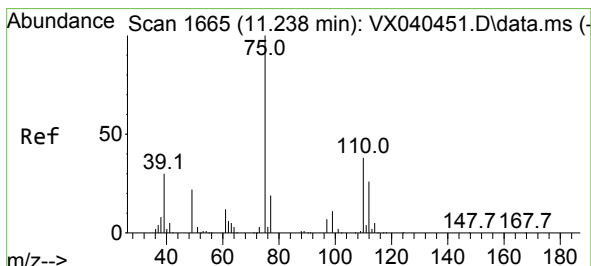
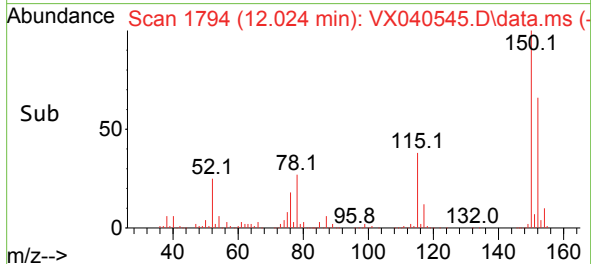
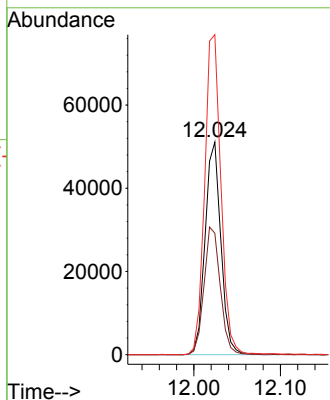
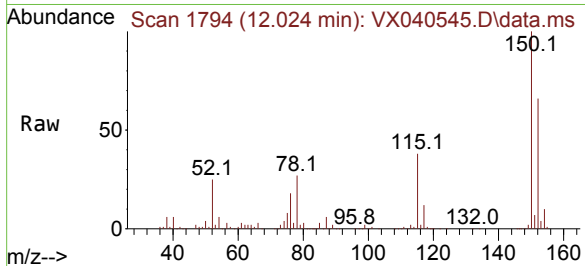




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040545.D
 Acq: 29 Feb 2024 18:16

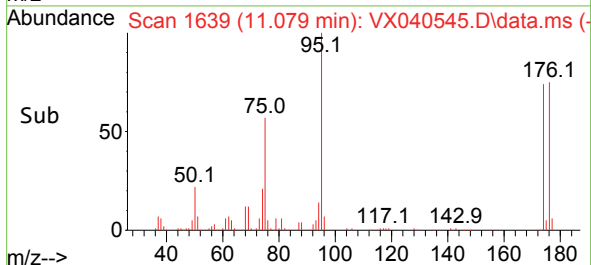
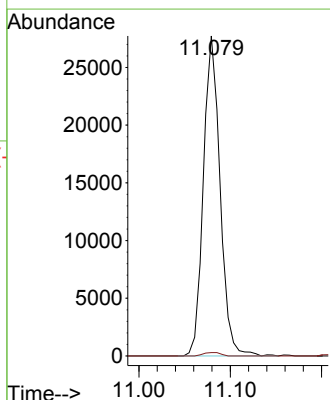
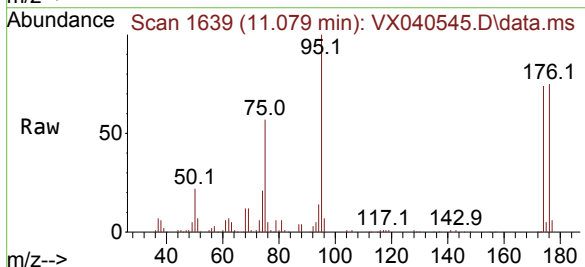
Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20240226

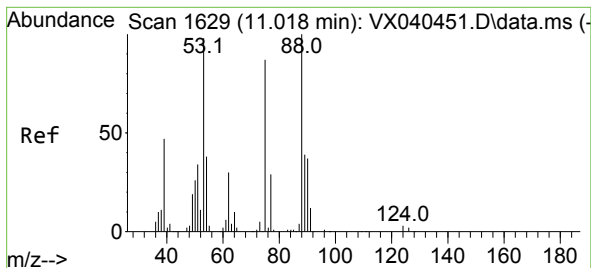
Tgt Ion:152 Resp: 64888
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.3 129.9
 150 155.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.553 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040545.D
 Acq: 29 Feb 2024 18:16

Tgt Ion: 75 Resp: 35063
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

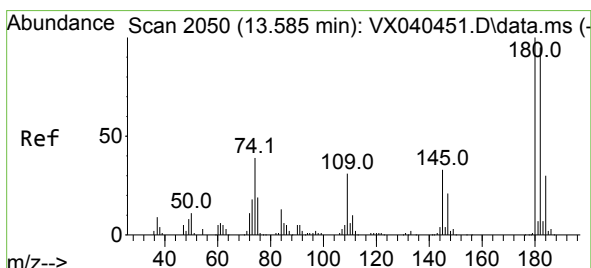
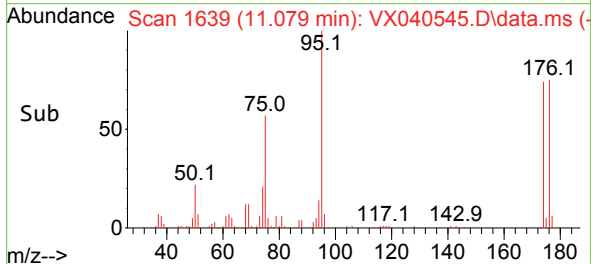
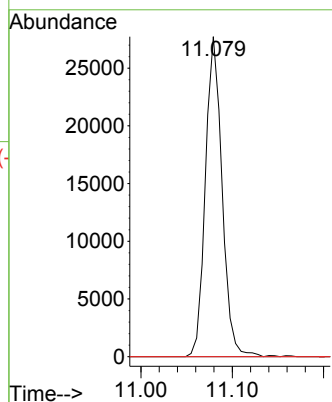
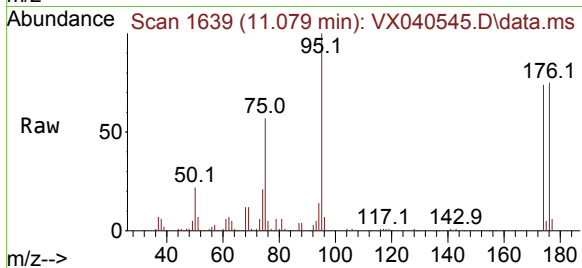




#81
trans-1,4-Dichloro-2-butene
Concen: 71.804 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

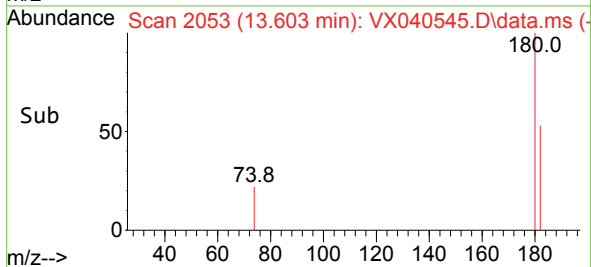
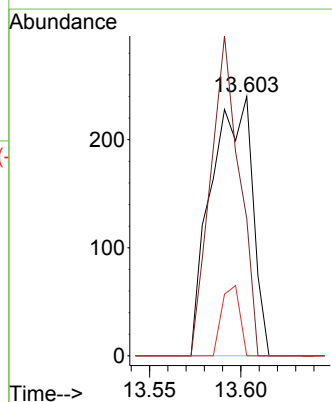
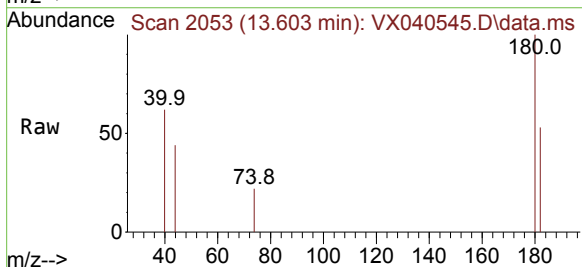
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226

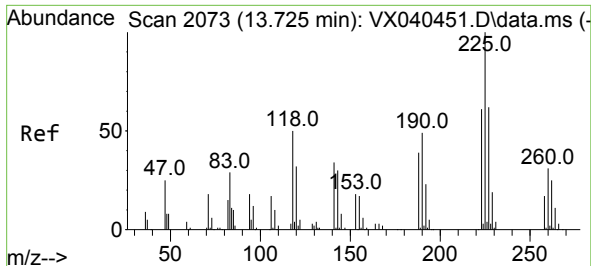
Tgt Ion: 75 Resp: 35063
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.268 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

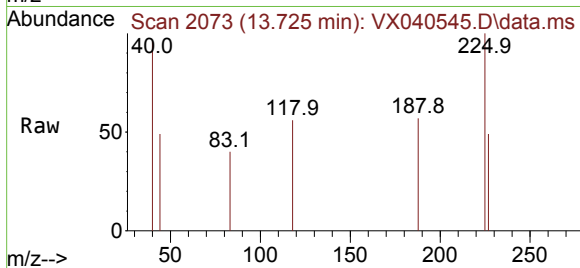
Tgt Ion:180 Resp: 375
Ion Ratio Lower Upper
180 100
182 87.2 48.3 144.8
145 12.0 18.0 54.0#



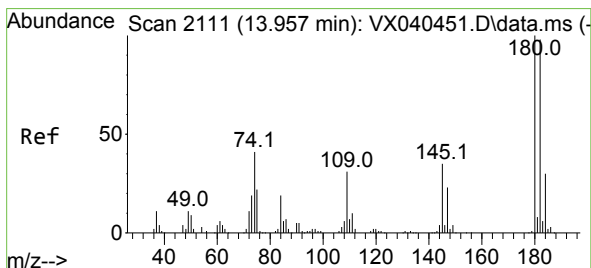
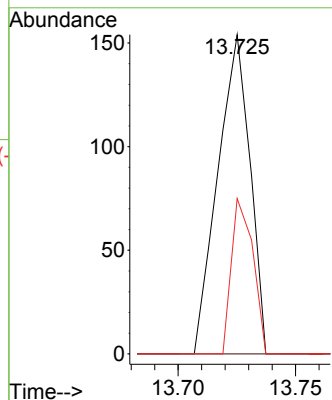
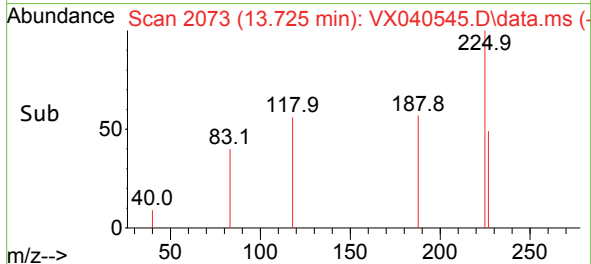


#94
Hexachlorobutadiene
Concen: 0.255 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16

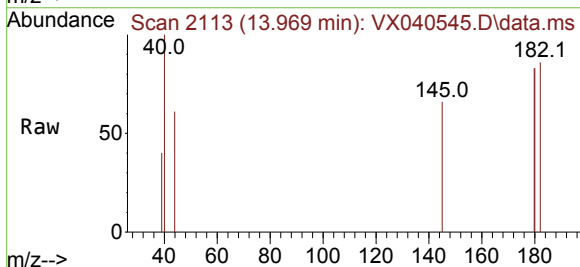
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20240226



Tgt Ion:225 Resp: 146
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 32.9 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.254 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX040545.D
Acq: 29 Feb 2024 18:16



Tgt Ion:180 Resp: 338
Ion Ratio Lower Upper
180 100
182 78.7 46.9 140.6
145 33.4 17.8 53.5

