

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044550.D
 Acq On : 30 Dec 2024 17:41
 Operator : JC/MD
 Sample : P5376-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20241218

Quant Time: Dec 31 00:34:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

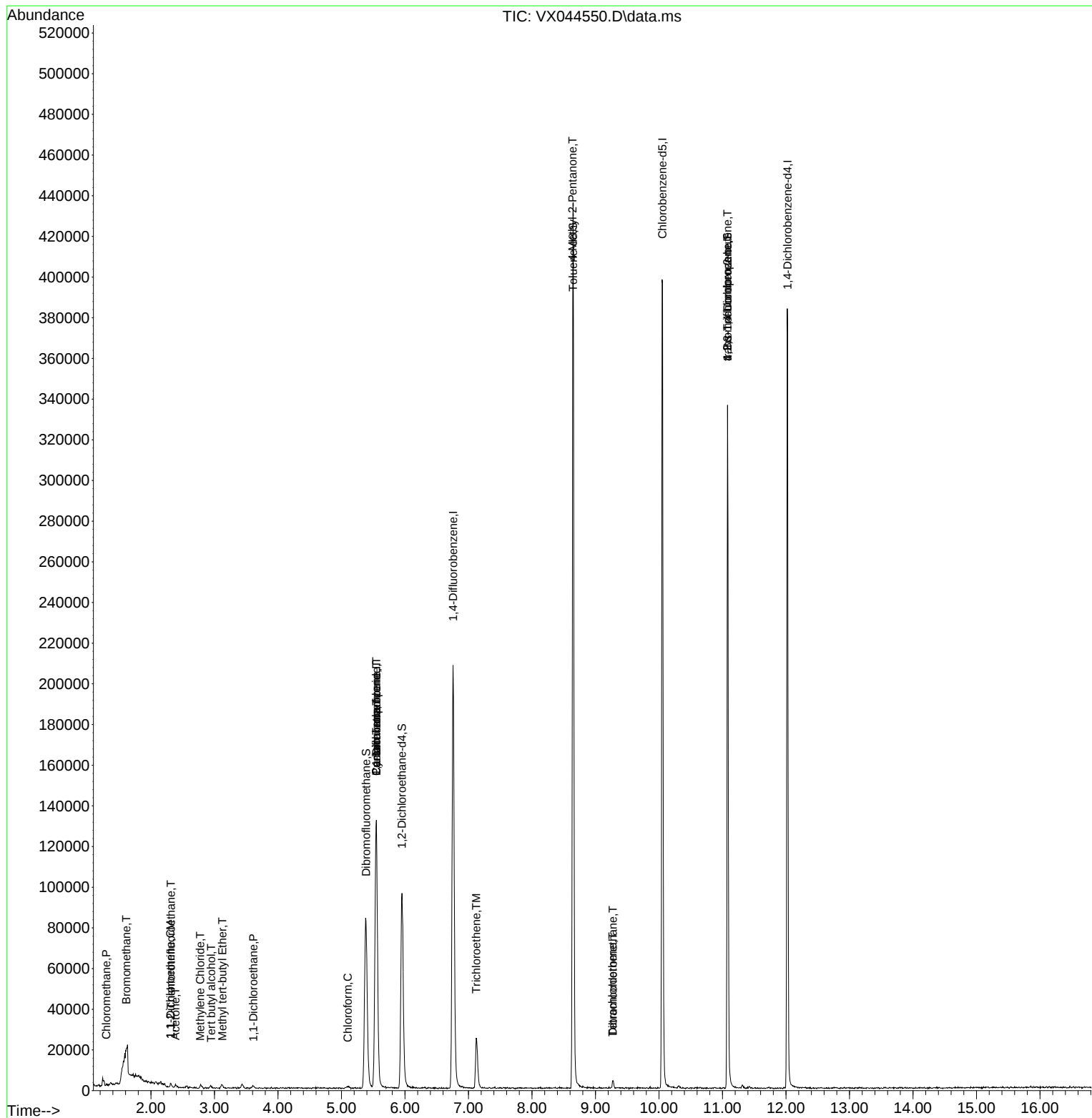
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	125750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95051	43.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.220%
35) Dibromofluoromethane	5.385	113	73742	50.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	8.647	98	261405	53.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.420%
62) 4-Bromofluorobenzene	11.079	95	85625	49.881	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	486	0.261	ug/l	90
5) Bromomethane	1.612	94	455	0.331	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.313	101	314	0.205	ug/l #	83
11) Tert butyl alcohol	2.947	59	364	1.171	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	514	0.365	ug/l	79
16) Acetone	2.386	43	1351	1.503	ug/l #	85
19) Methyl tert-butyl Ether	3.123	73	1598	0.291	ug/l #	83
20) Methylene Chloride	2.776	84	939	0.556	ug/l #	59
24) 1,1-Dichloroethane	3.611	63	1750	0.594	ug/l #	82
30) Chloroform	5.099	83	1260	0.381	ug/l	84
31) Cyclohexane	5.550	56	2758	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10240	5.440	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12739	6.286	ug/l #	18
44) Trichloroethene	7.123	130	9770	6.855	ug/l	88
51) 4-Methyl-2-Pentanone	8.641	43	1196	0.511	ug/l #	1
60) Dibromochloromethane	9.275	129	447	1.533	ug/l #	11
64) Tetrachloroethene	9.269	164	619	0.490	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	45749	25.497	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	45749	70.489	ug/l #	4

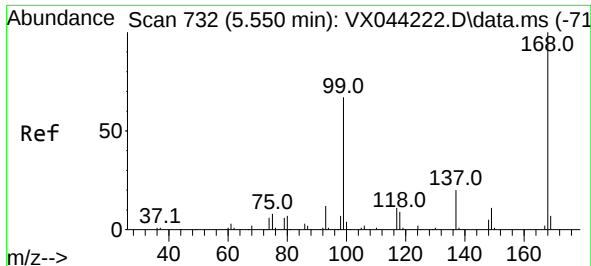
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

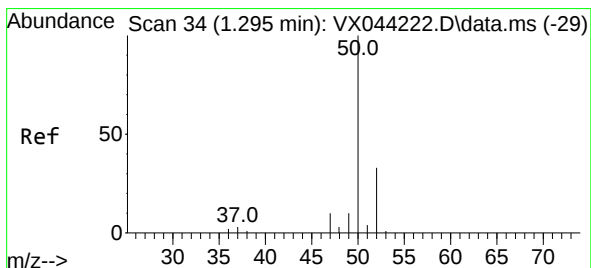
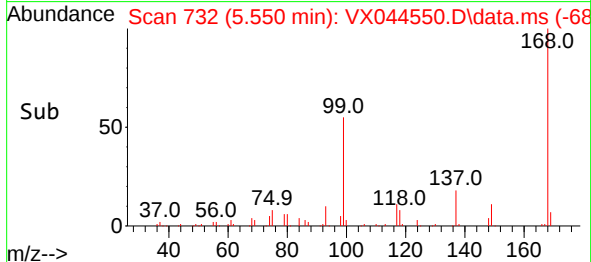
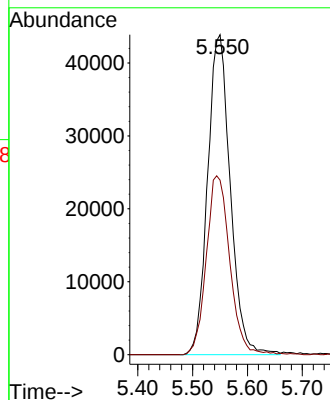
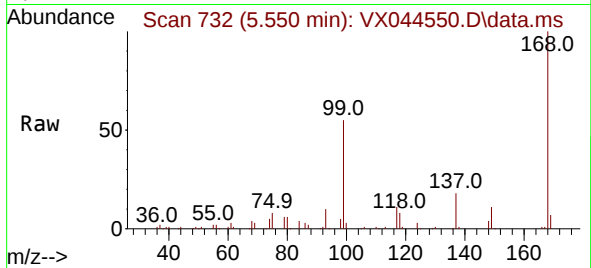




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

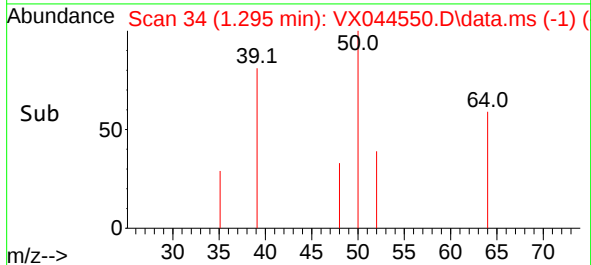
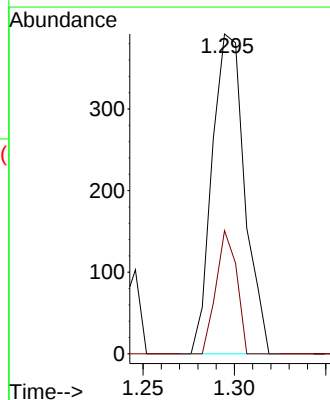
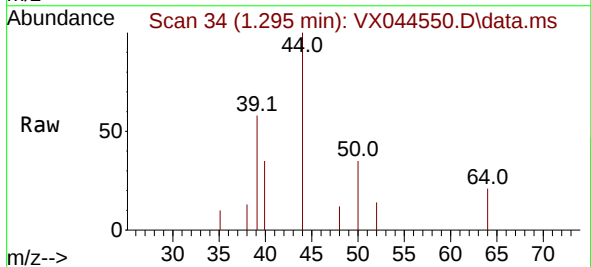
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20241218

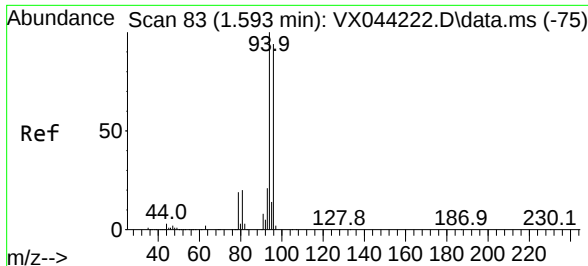
Tgt Ion:168 Resp: 125750
Ion Ratio Lower Upper
168 100
99 54.6 53.4 80.0



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 38.5 26.5 39.7

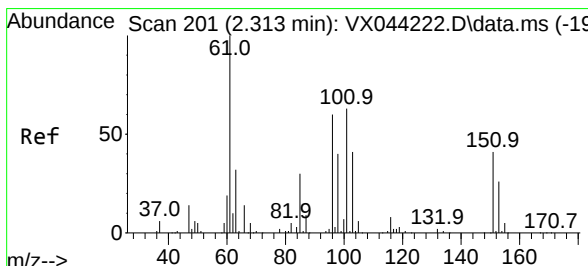
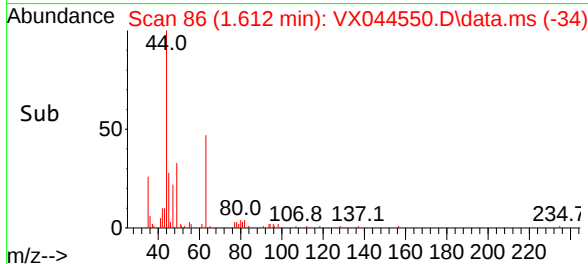
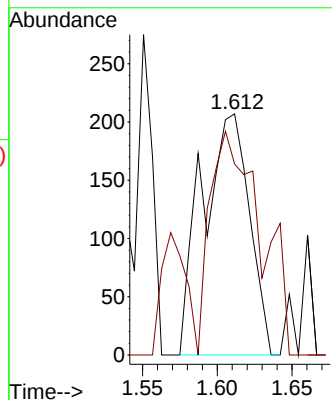
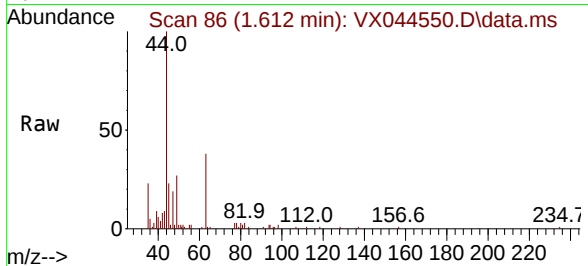




#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

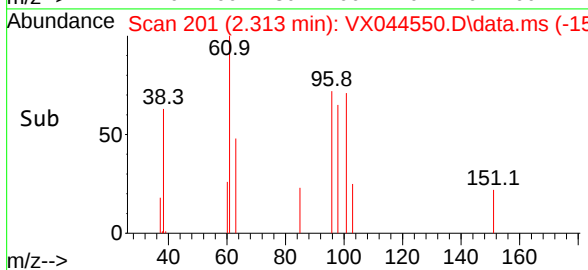
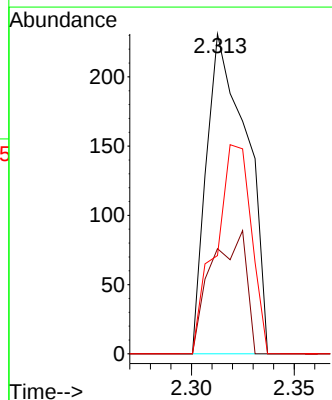
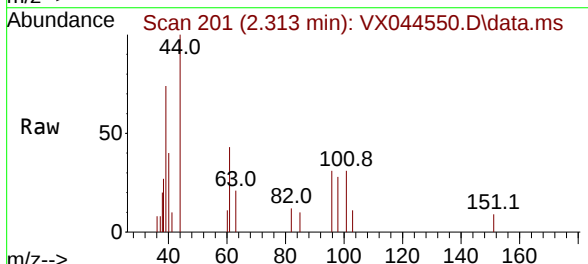
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20241218

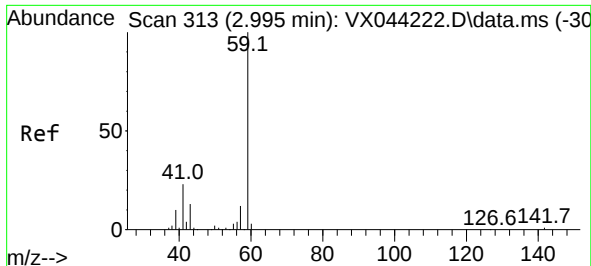
Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 38.2 74.9 112.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.205 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Tgt Ion:101 Resp: 314
Ion Ratio Lower Upper
101 100
85 33.4 38.5 57.7#
151 58.3 55.8 83.6





#11

Tert butyl alcohol

Concen: 1.171 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

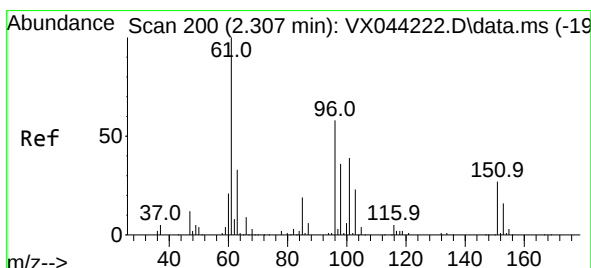
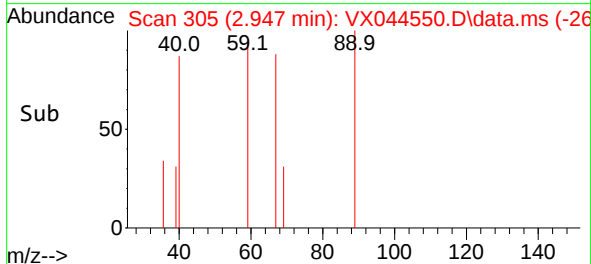
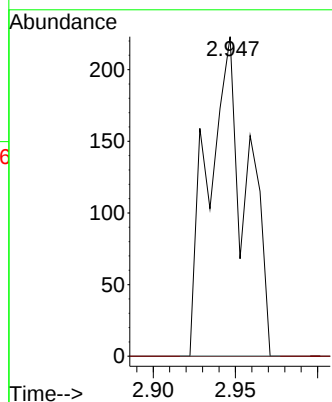
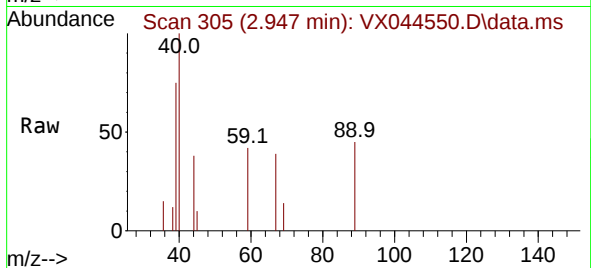
TT205S1-20241218

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 0.365 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

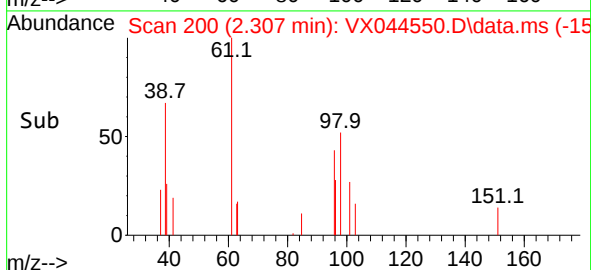
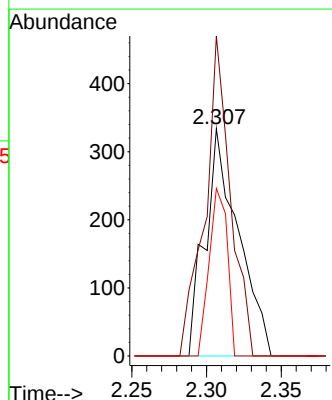
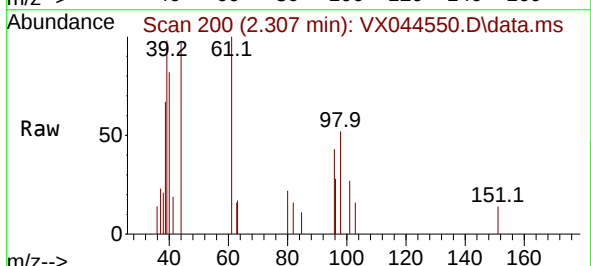
Tgt Ion: 96 Resp: 514

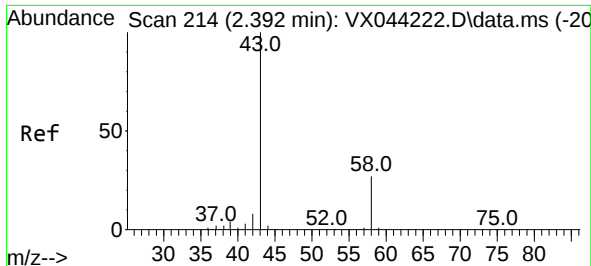
Ion Ratio Lower Upper

96 100

61 140.7 138.0 207.0

98 73.7 50.0 75.0

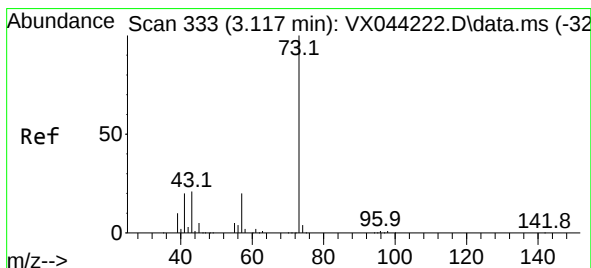
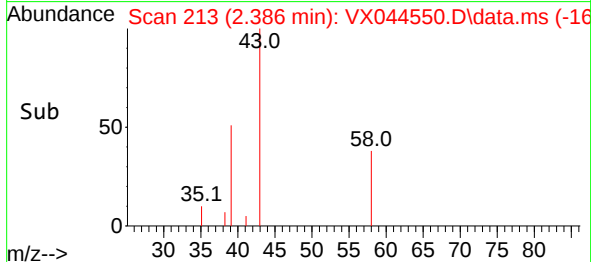
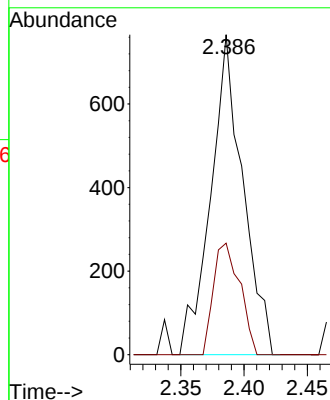
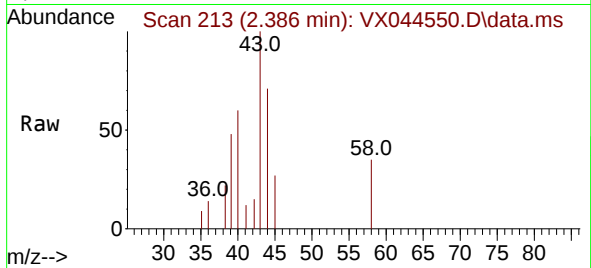




#16
Acetone
Concen: 1.503 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

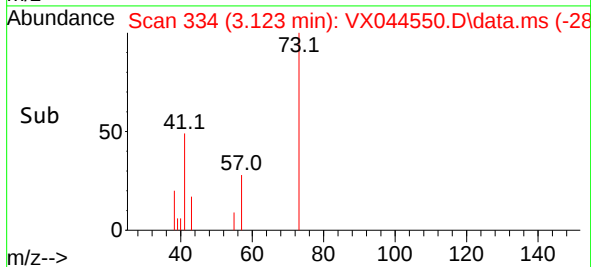
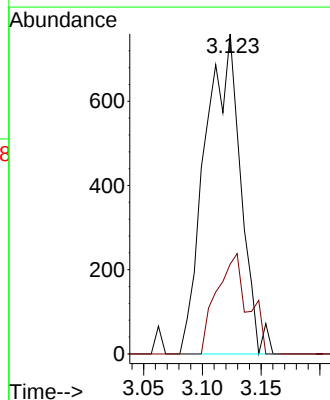
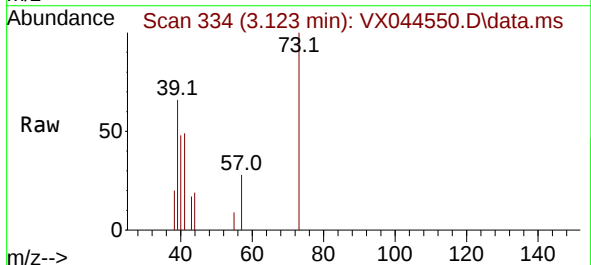
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20241218

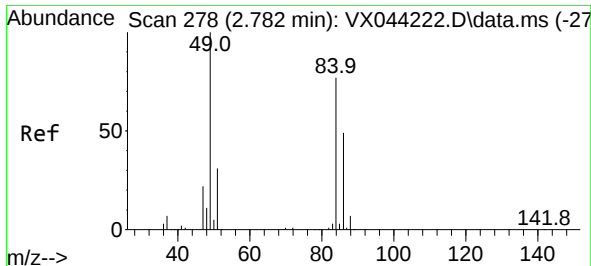
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 34.9 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.291 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

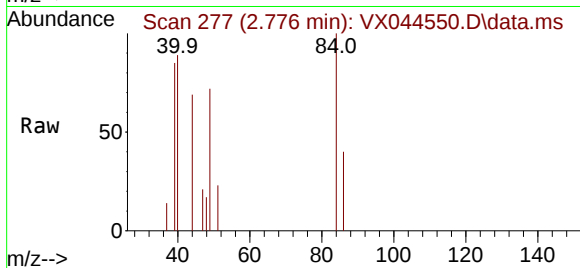
Tgt Ion: 73 Resp: 1598
Ion Ratio Lower Upper
73 100
57 28.0 16.2 24.4#



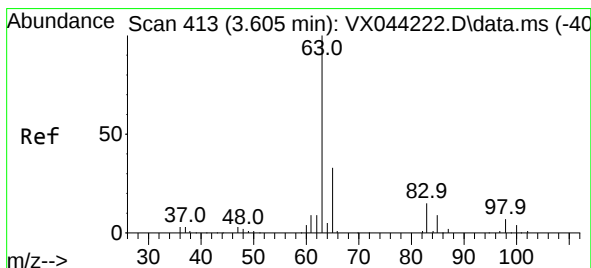
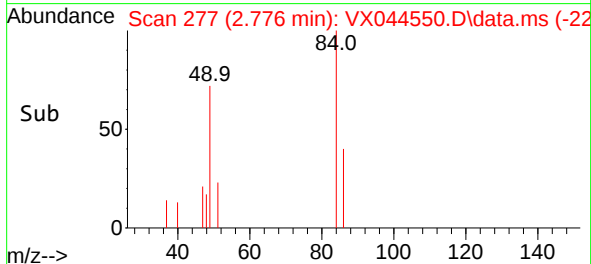
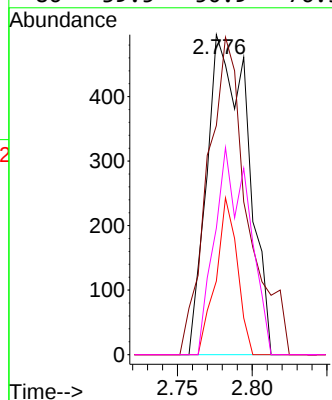


#20
Methylene Chloride
Concen: 0.556 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20241218

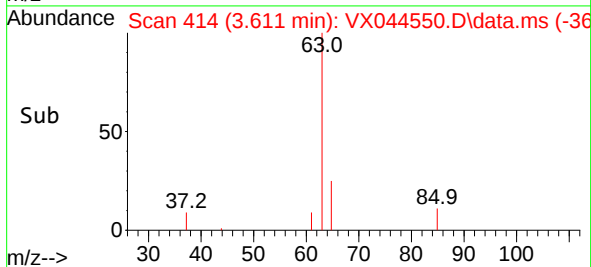
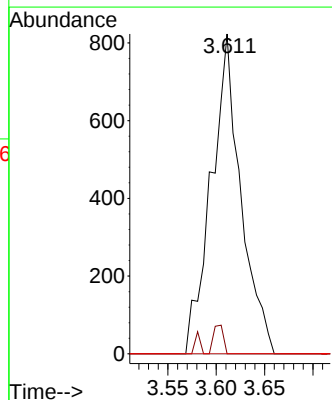
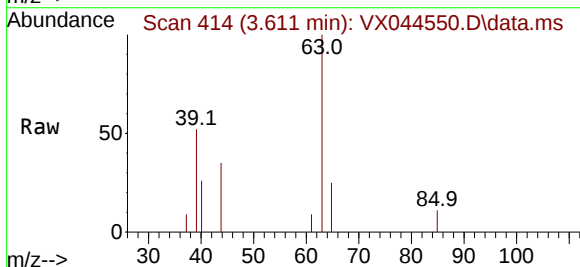


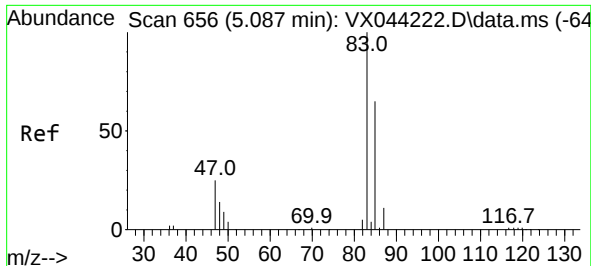
Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 71.6 104.2 156.4#
51 23.0 32.2 48.4#
86 39.5 50.9 76.3#



#24
1,1-Dichloroethane
Concen: 0.594 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Tgt Ion: 63 Resp: 1750
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#

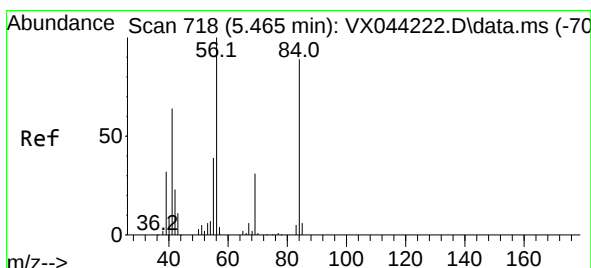
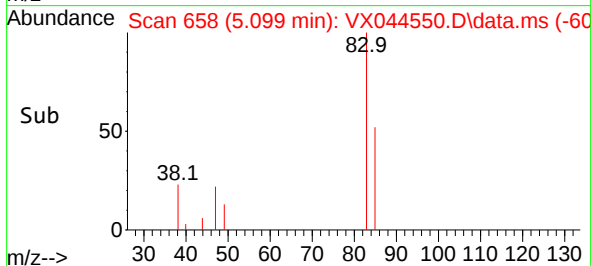
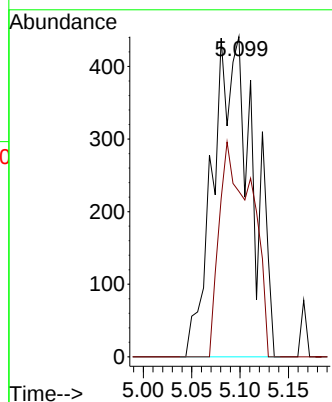
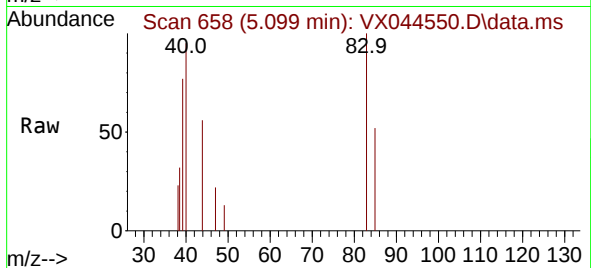




#30
Chloroform
Concen: 0.381 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

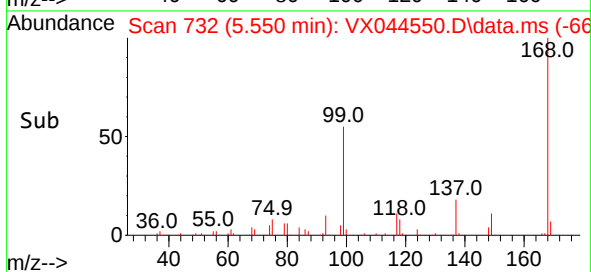
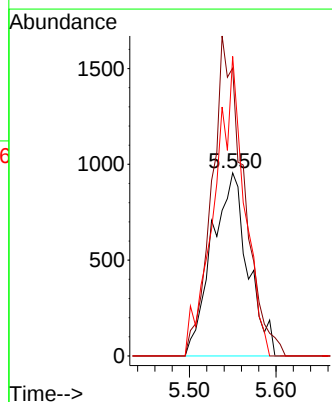
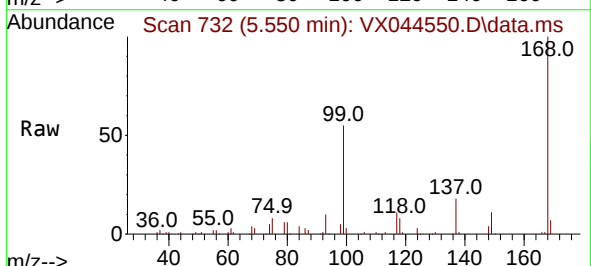
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ClientSampleId :
TT205S1-20241218

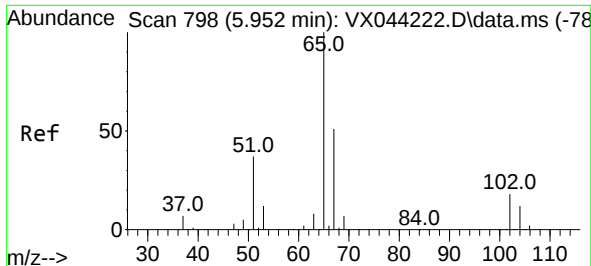
Tgt Ion: 83 Resp: 1260
Ion Ratio Lower Upper
83 100
85 51.7 51.6 77.4



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Tgt Ion: 56 Resp: 2758
Ion Ratio Lower Upper
56 100
69 157.3 24.7 37.1#
84 163.7 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.111 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

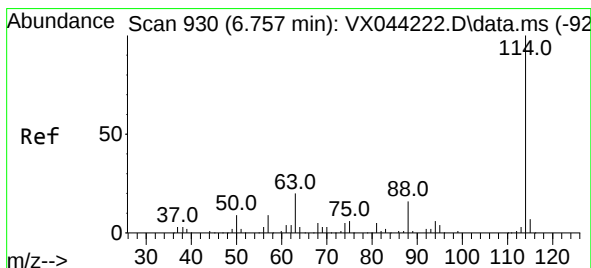
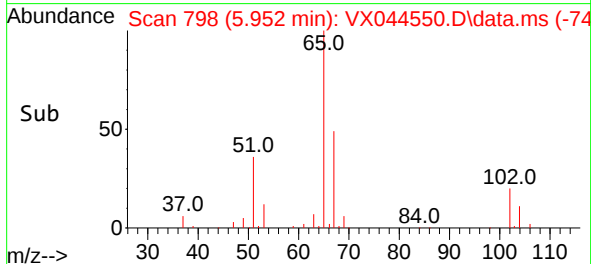
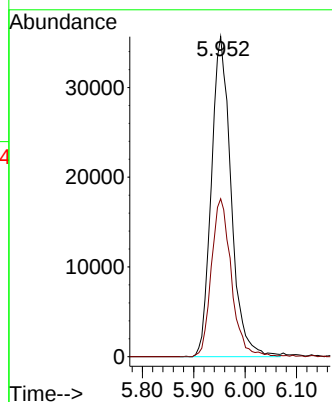
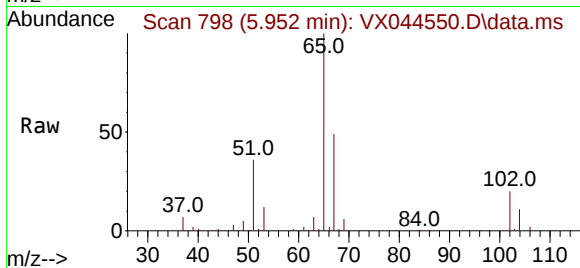
TT205S1-20241218

Tgt Ion: 65 Resp: 95051

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

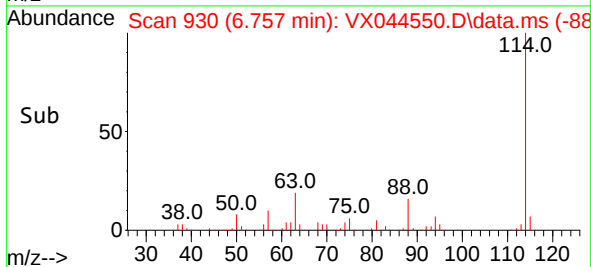
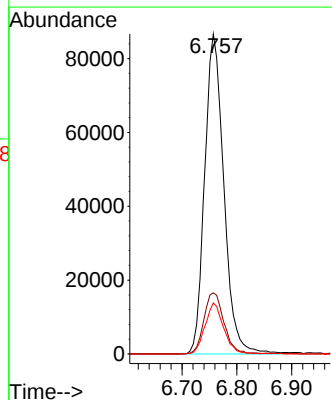
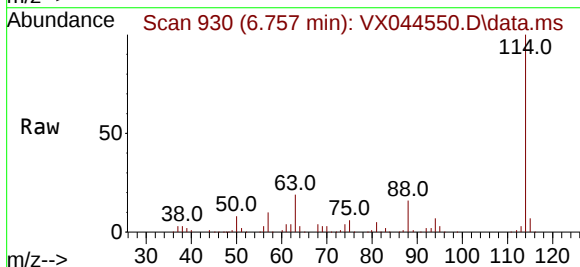
Tgt Ion: 114 Resp: 210247

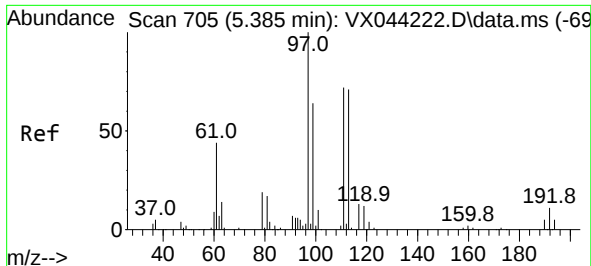
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.642 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX044550.D

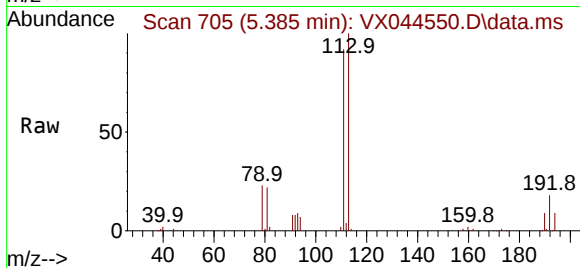
Acq: 30 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20241218



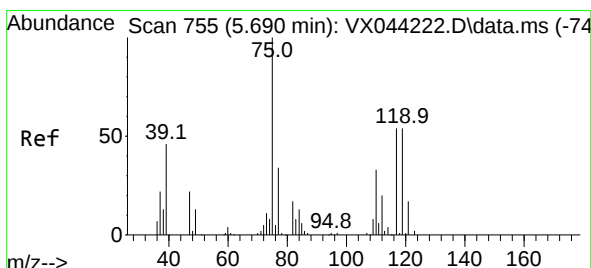
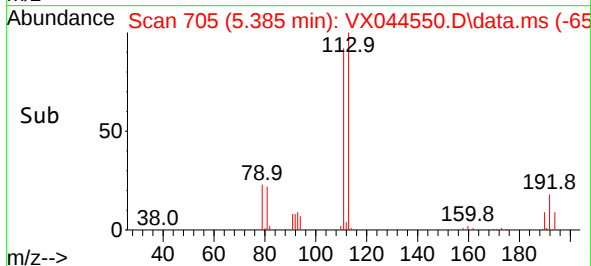
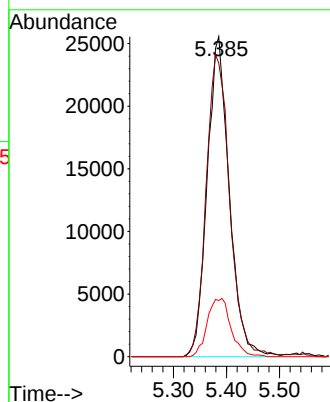
Tgt Ion:113 Resp: 73742

Ion Ratio Lower Upper

113 100

111 100.8 80.4 120.6

192 19.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.440 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

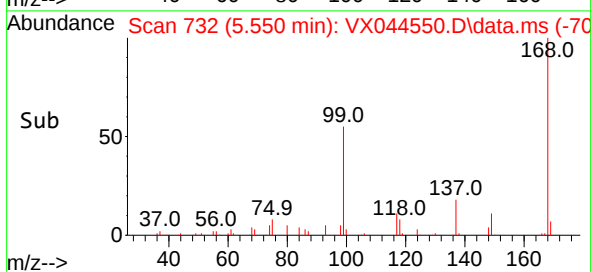
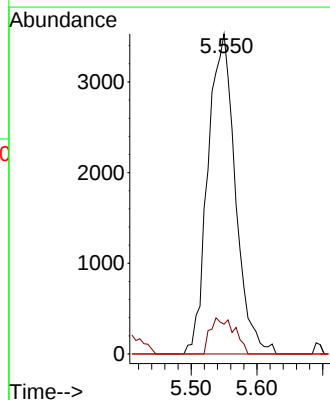
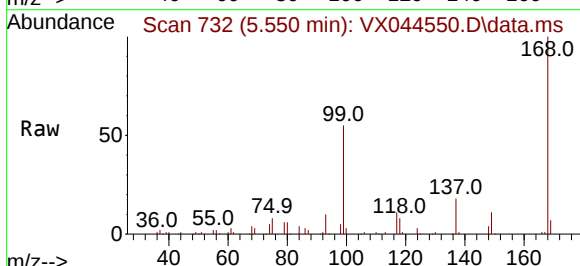
Tgt Ion: 75 Resp: 10240

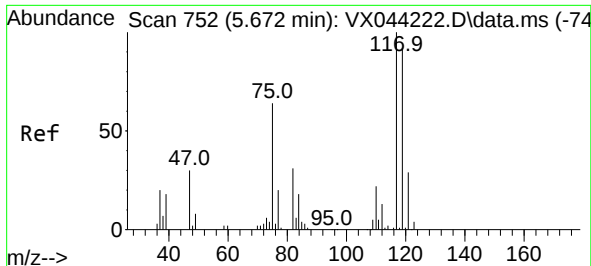
Ion Ratio Lower Upper

75 100

110 9.9 17.3 51.7#

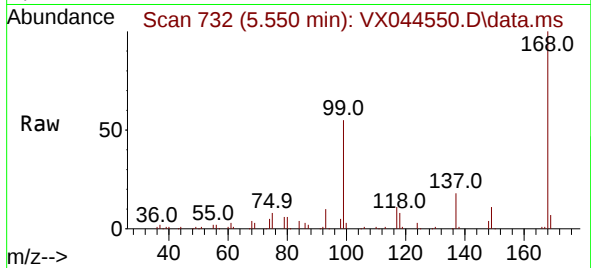
77 0.0 25.4 38.0#



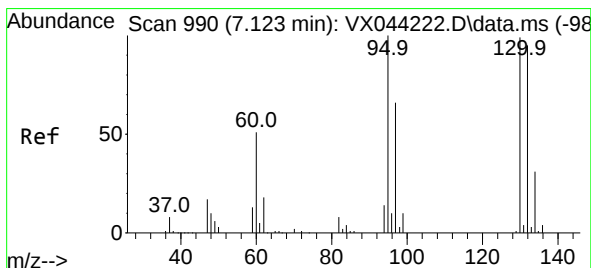
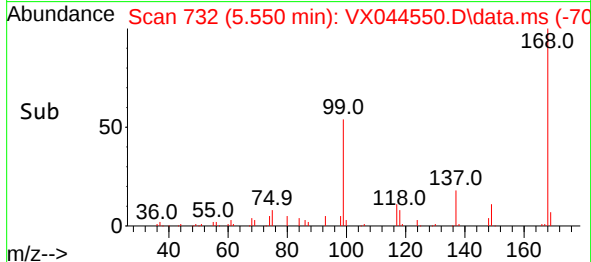
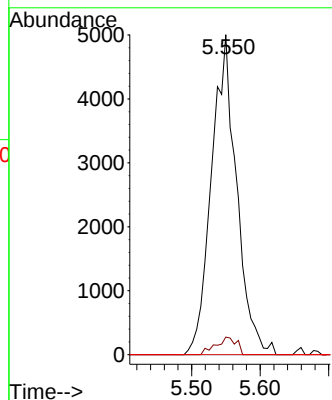


#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20241218

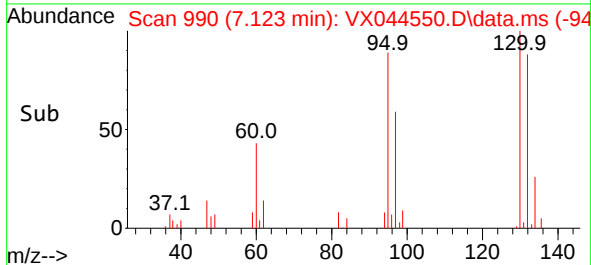
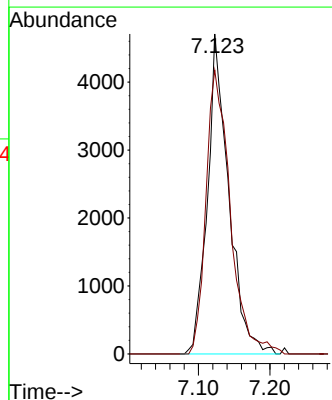
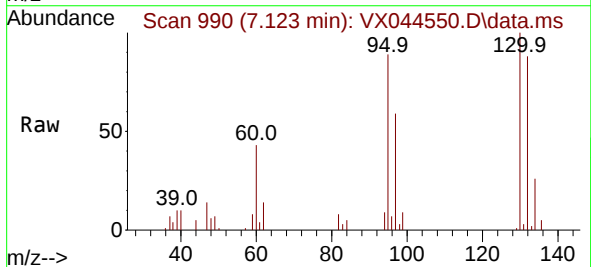


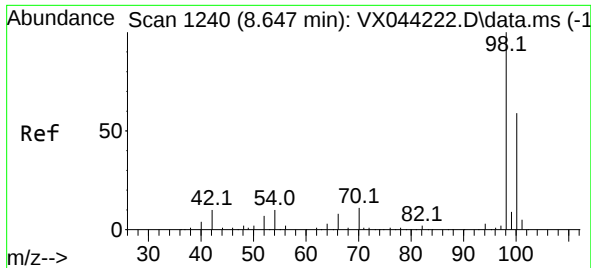
Tgt Ion:117 Resp: 12739
Ion Ratio Lower Upper
117 100
119 5.5 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 6.855 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Tgt Ion:130 Resp: 9770
Ion Ratio Lower Upper
130 100
95 88.7 0.0 201.4

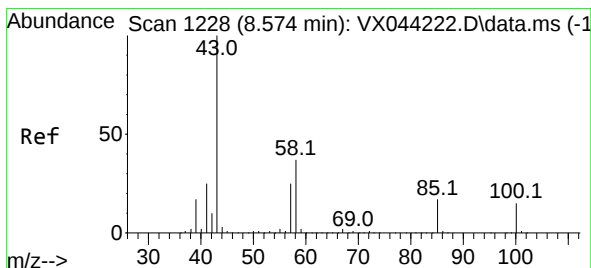
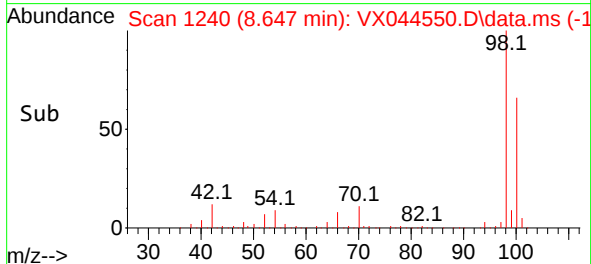
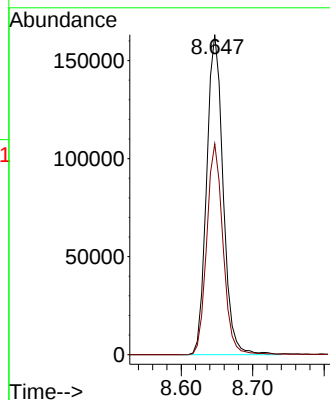
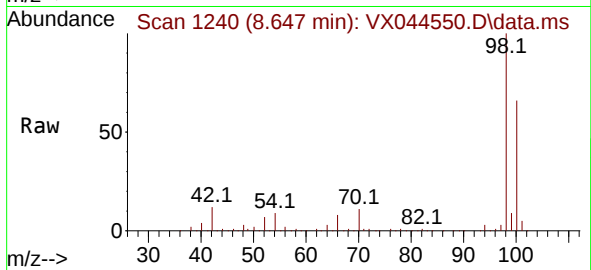




#50
Toluene-d8
Concen: 53.211 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

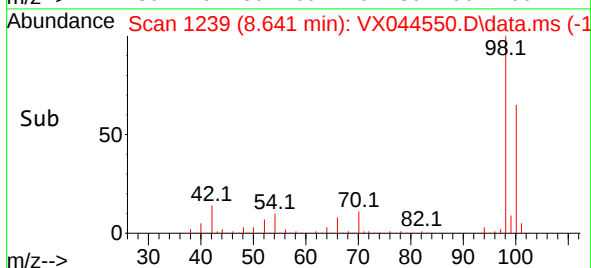
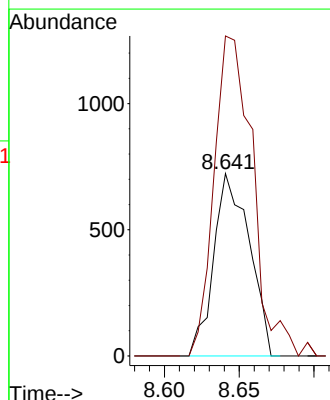
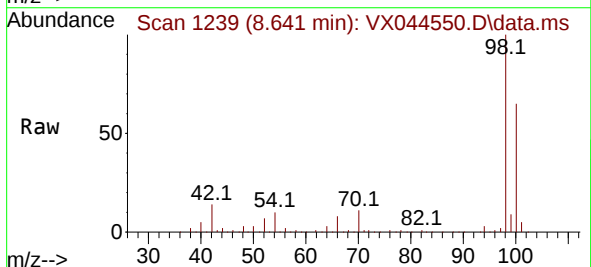
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20241218

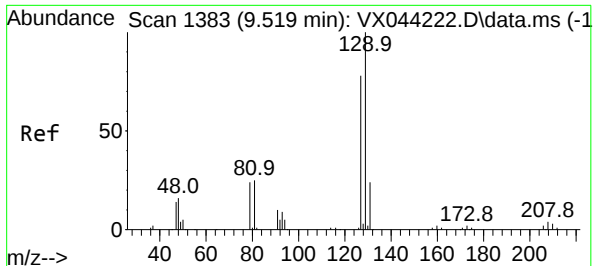
Tgt Ion: 98 Resp: 261405
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044550.D
Acq: 30 Dec 2024 17:41

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 191.1 29.4 44.0#





#60

Dibromochloromethane

Concen: 1.533 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

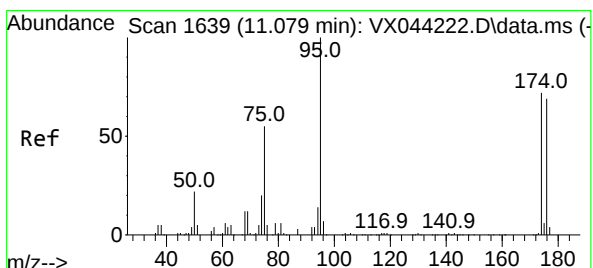
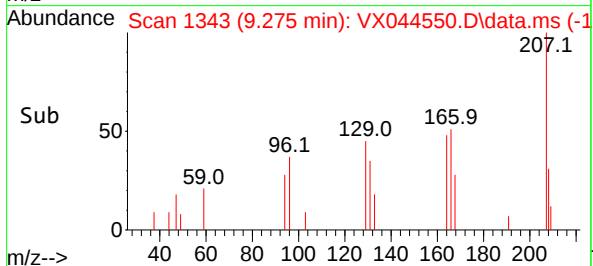
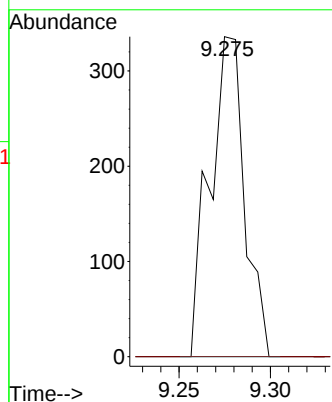
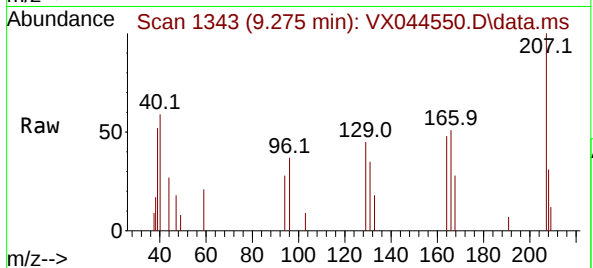
TT205S1-20241218

Tgt Ion:129 Resp: 447

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



#62

4-Bromofluorobenzene

Concen: 49.881 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

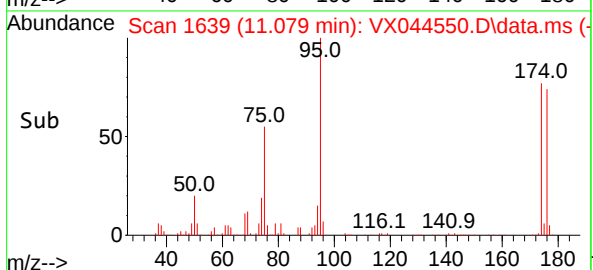
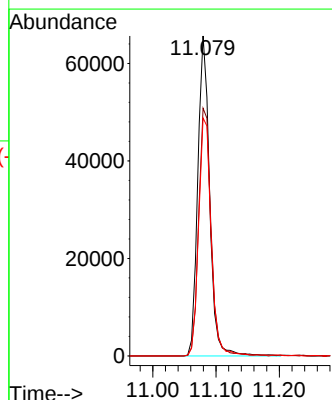
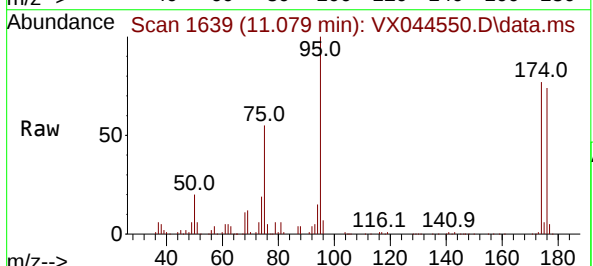
Tgt Ion: 95 Resp: 85625

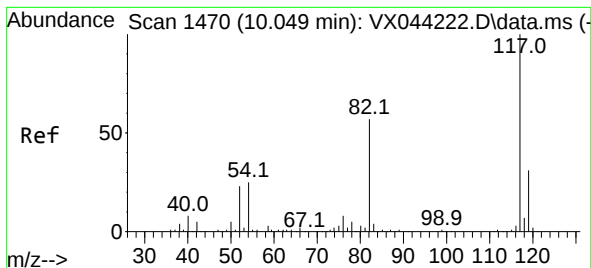
Ion Ratio Lower Upper

95 100

174 81.5 0.0 145.8

176 79.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20241218

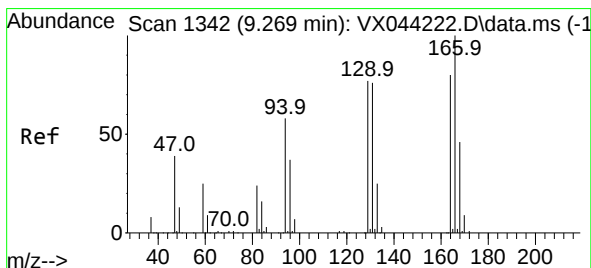
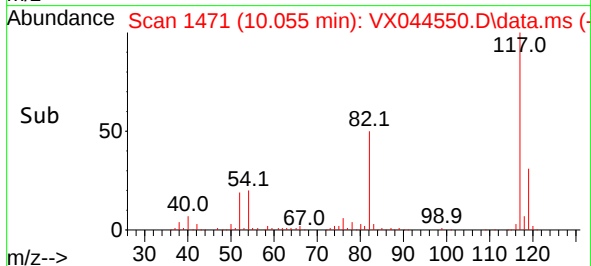
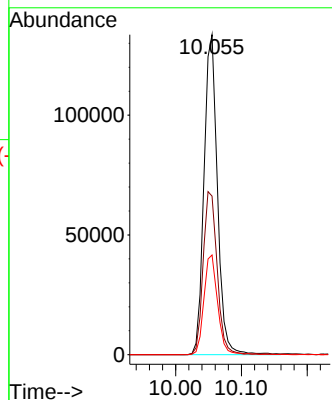
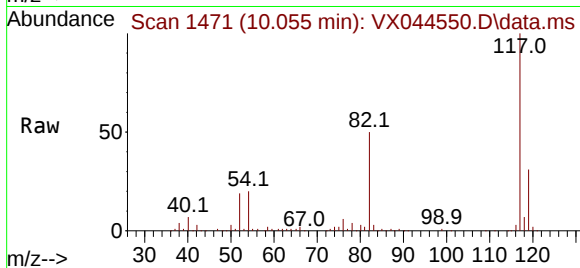
Tgt Ion:117 Resp: 190422

Ion Ratio Lower Upper

117 100

82 49.6 45.8 68.8

119 31.1 25.0 37.4



#64

Tetrachloroethene

Concen: 0.490 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

Tgt Ion:164 Resp: 619

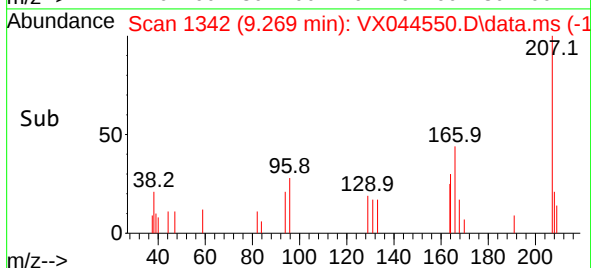
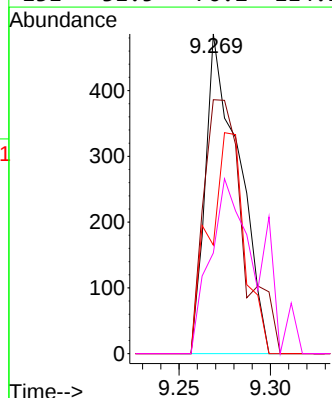
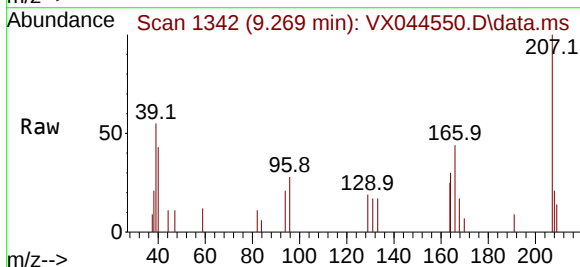
Ion Ratio Lower Upper

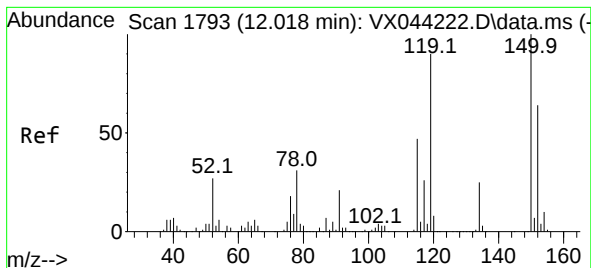
164 100

166 79.4 100.4 150.6#

129 34.0 77.2 115.8#

131 31.5 76.2 114.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044550.D

Acq: 30 Dec 2024 17:41

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20241218

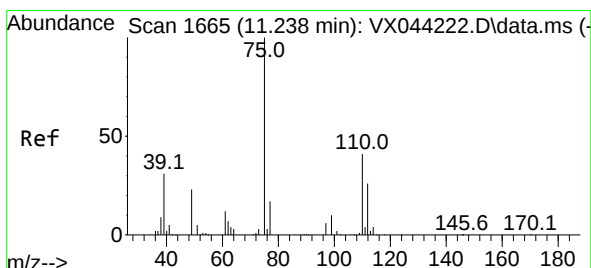
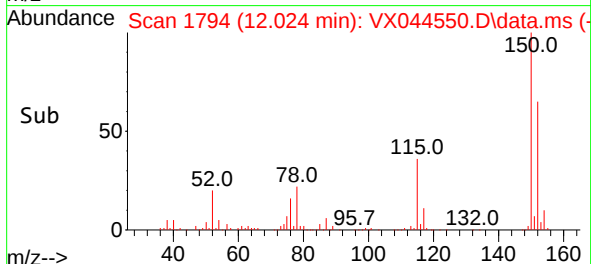
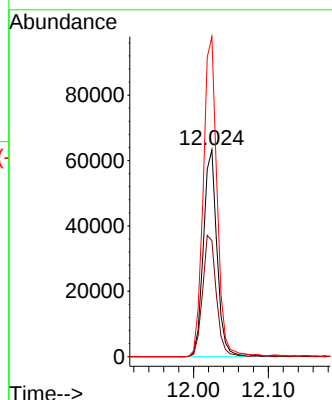
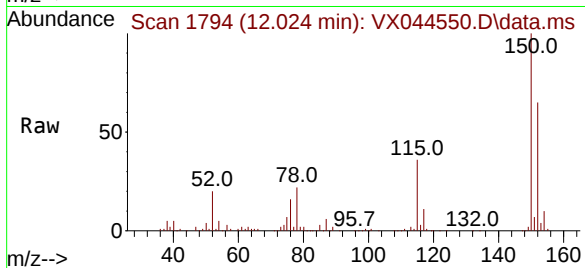
Tgt Ion:152 Resp: 80361

Ion Ratio Lower Upper

152 100

115 59.3 44.5 133.3

150 156.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 25.497 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044550.D

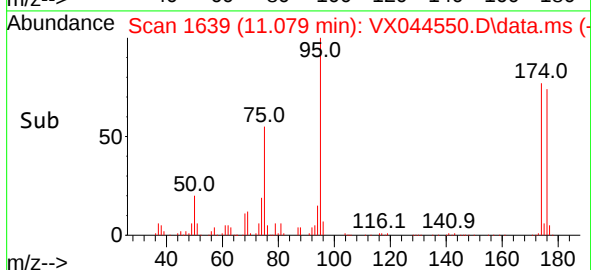
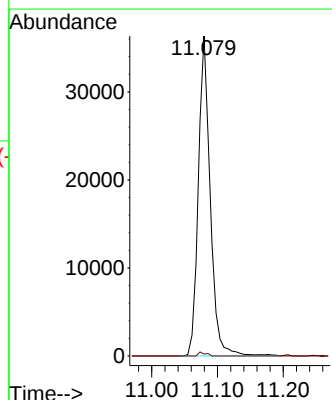
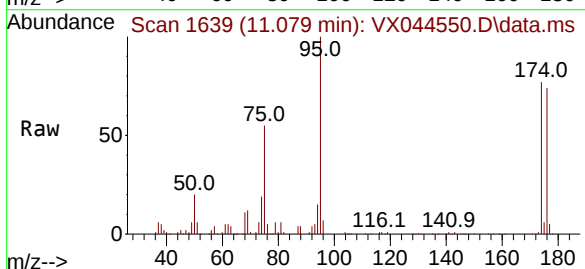
Acq: 30 Dec 2024 17:41

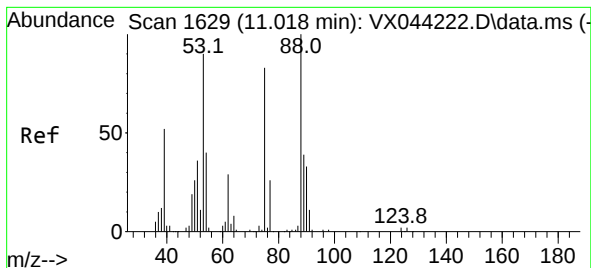
Tgt Ion: 75 Resp: 45749

Ion Ratio Lower Upper

75 100

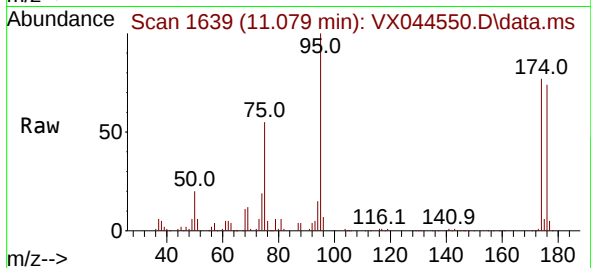
77 0.8 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.489 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044550.D
 Acq: 30 Dec 2024 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20241218



Tgt Ion: 75 Resp: 45749
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.1 37.3 55.9#

