

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044452.D
 Acq On : 20 Dec 2024 15:09
 Operator : JC/MD
 Sample : P5317-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D1-20241216

Quant Time: Dec 20 22:26:09 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)

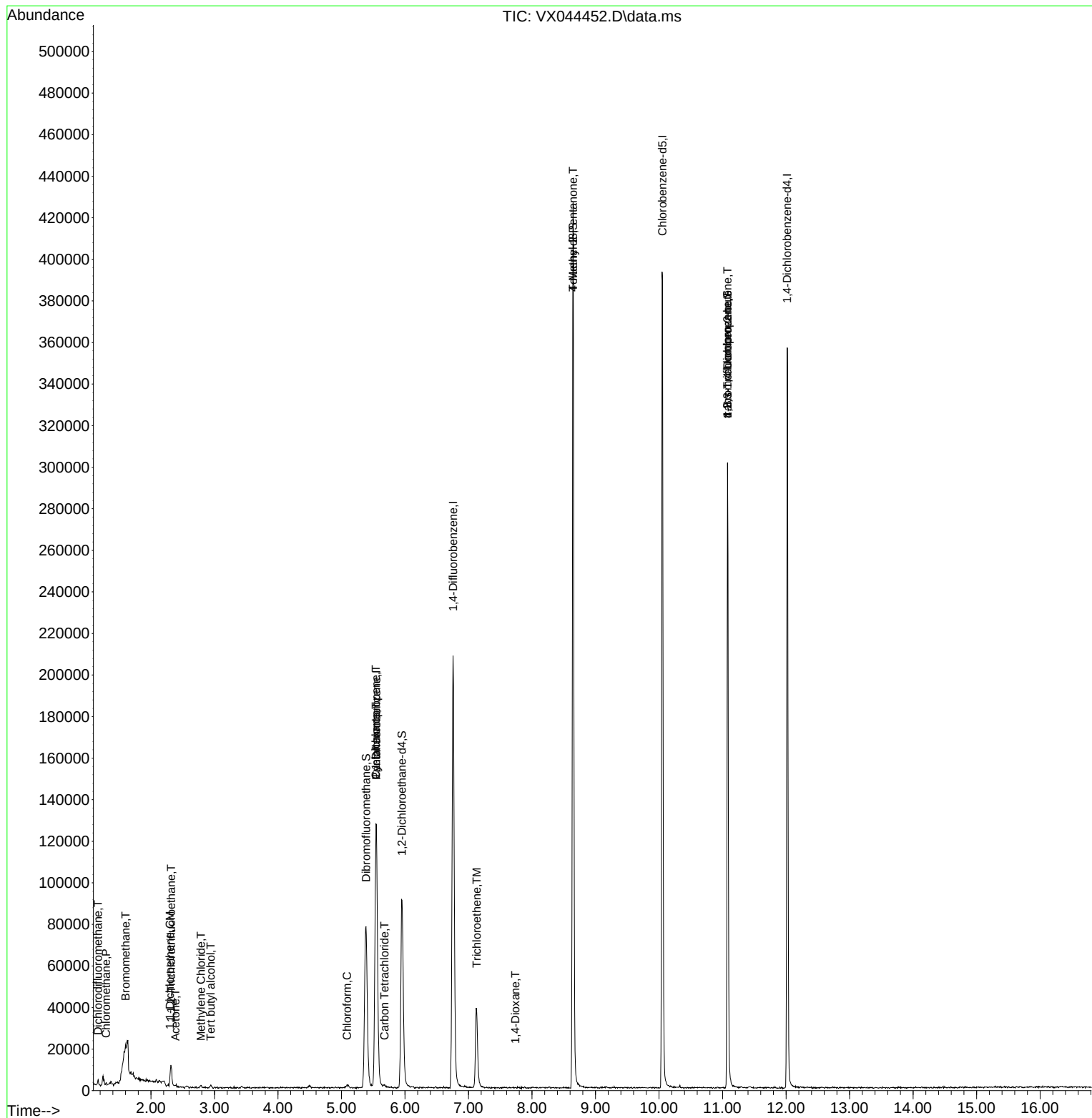
Internal Standards						
1) Pentafluorobenzene	5.550	168	118996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88475	42.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.820%
35) Dibromofluoromethane	5.385	113	68921	47.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.647	98	248897	50.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	11.079	95	79060	45.935	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1489	0.809	ug/l	94
3) Chloromethane	1.295	50	621	0.353	ug/l #	78
5) Bromomethane	1.599	94	506	0.389	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.319	101	3044	2.096	ug/l	93
11) Tert butyl alcohol	2.941	59	357	1.214	ug/l #	71
12) 1,1-Dichloroethene	2.300	96	945	0.709	ug/l #	93
16) Acetone	2.386	43	833	0.979	ug/l	92
20) Methylene Chloride	2.788	84	575	0.360	ug/l #	64
30) Chloroform	5.087	83	1103	0.352	ug/l	86
31) Cyclohexane	5.544	56	3071	1.364	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	10064	5.333	ug/l #	50
38) Carbon Tetrachloride	5.678	117	710	0.349	ug/l #	88
44) Trichloroethene	7.129	130	15656	10.957	ug/l	98
49) 1,4-Dioxane	7.738	88	20	0.682	ug/l #	32
51) 4-Methyl-2-Pentanone	8.647	43	1346	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41249	25.386	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	41249	70.207	ug/l #	4

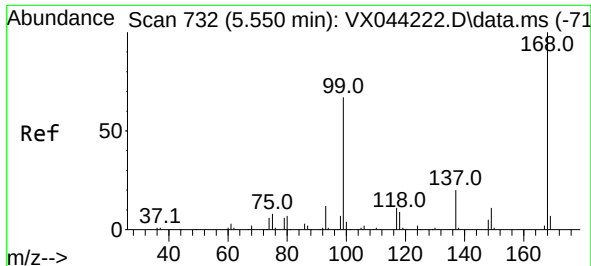
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
Data File : VX044452.D
Acq On : 20 Dec 2024 15:09
Operator : JC/MD
Sample : P5317-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

Quant Time: Dec 20 22:26:09 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

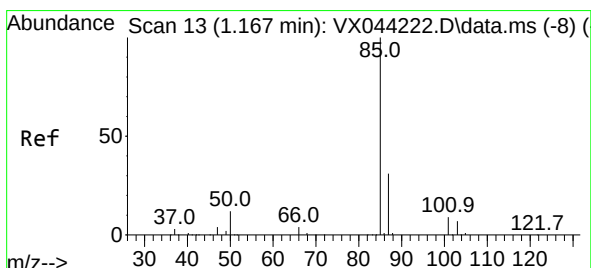
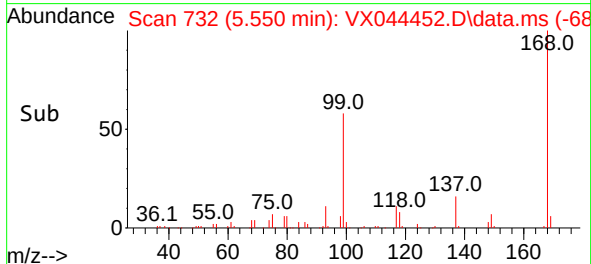
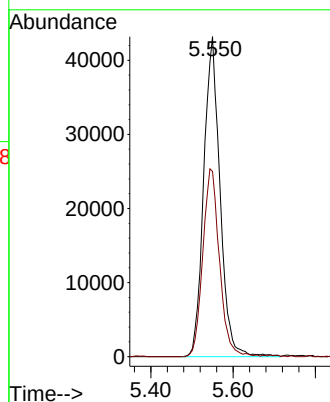
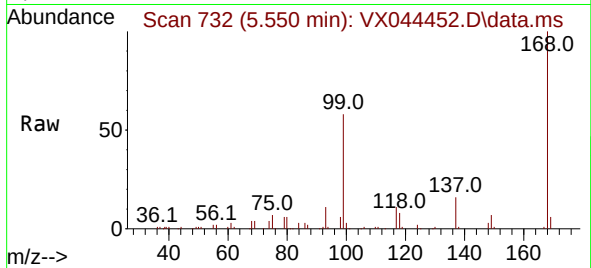




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

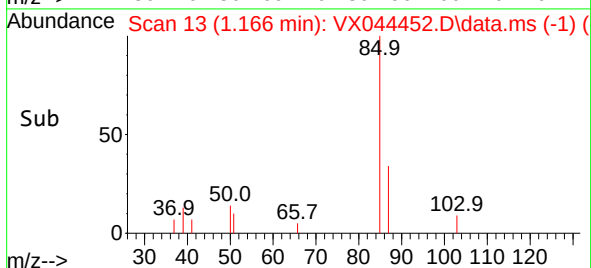
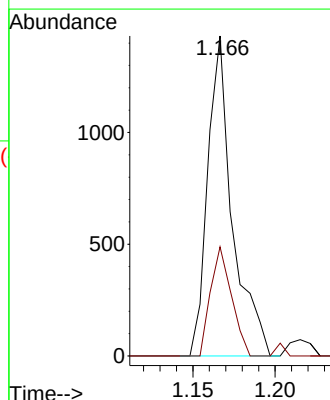
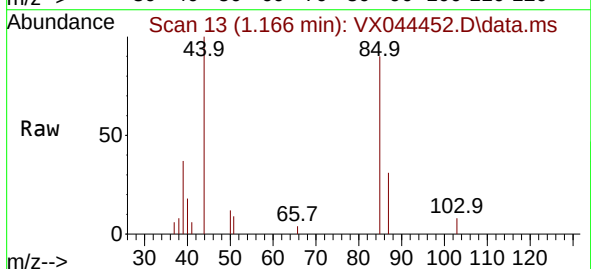
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

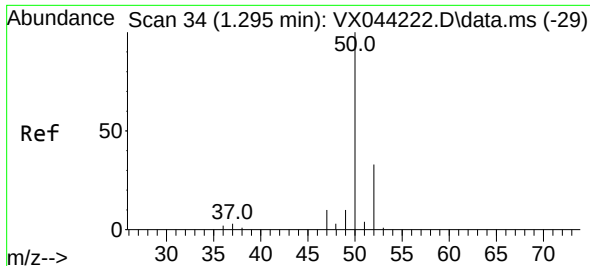
Tgt Ion:168 Resp: 118996
Ion Ratio Lower Upper
168 100
99 57.9 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 0.809 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 85 Resp: 1489
Ion Ratio Lower Upper
85 100
87 34.1 15.4 46.4

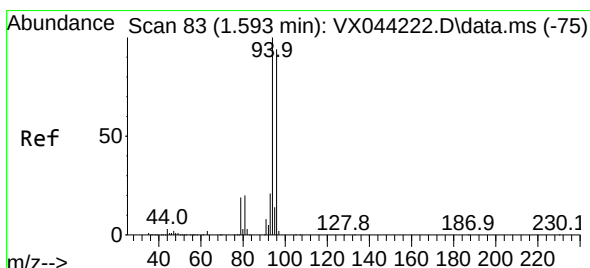
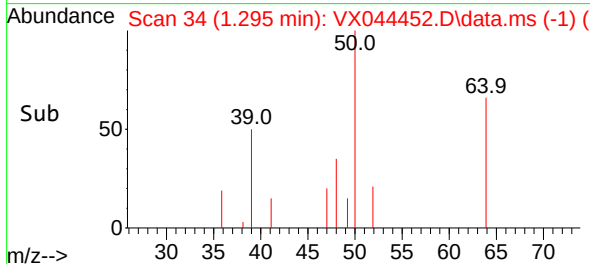
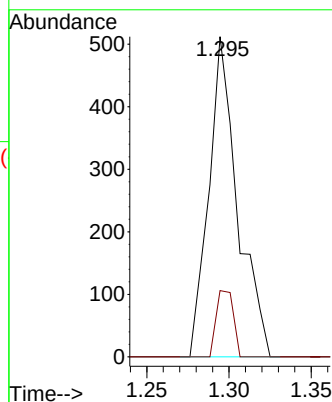
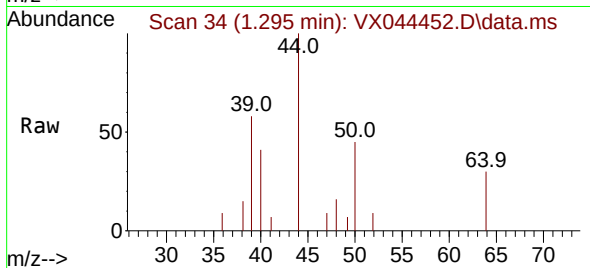




#3
Chloromethane
Concen: 0.353 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

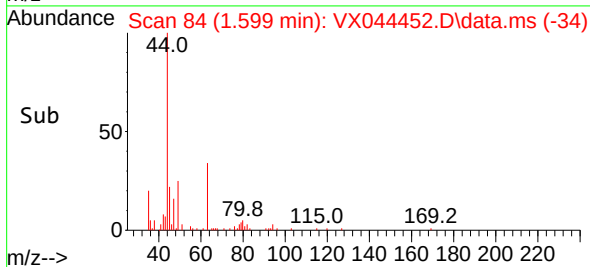
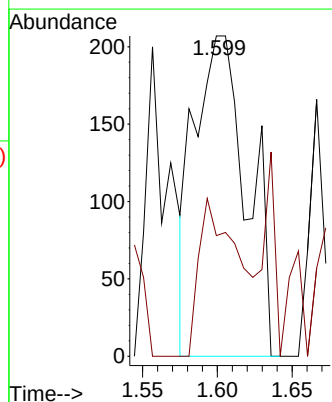
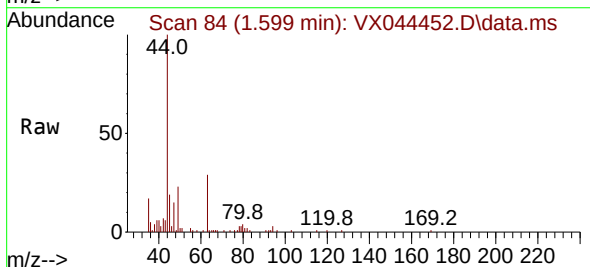
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

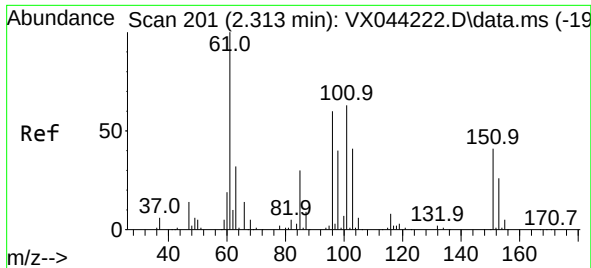
Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 20.7 26.5 39.7#



#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 37.7 74.9 112.3#

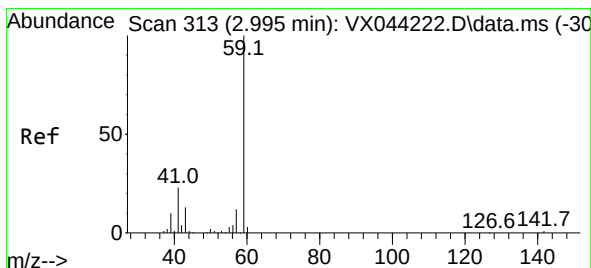
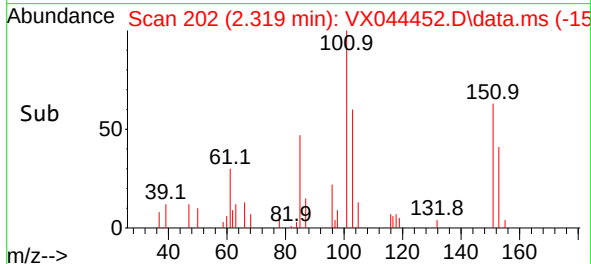
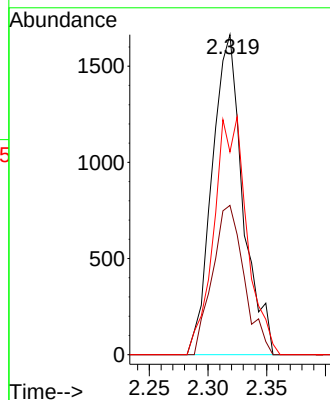
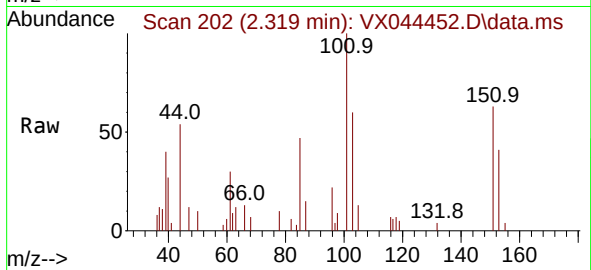




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.096 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

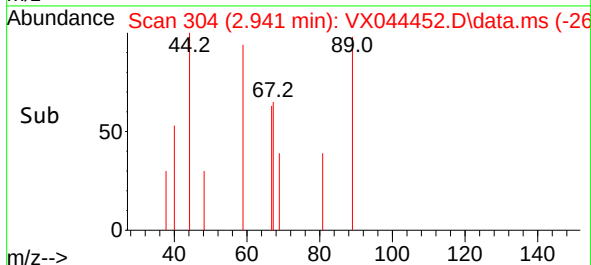
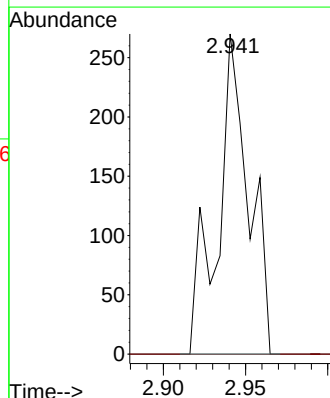
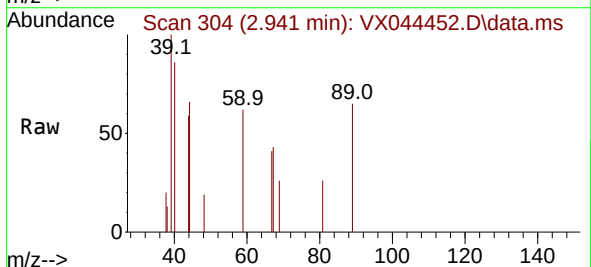
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

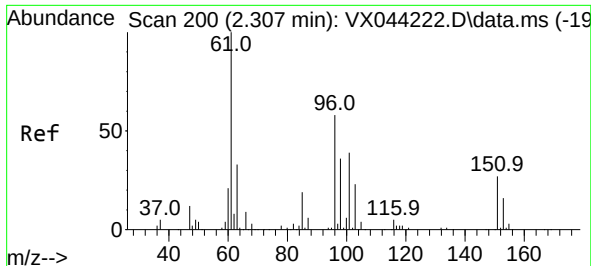
Tgt Ion:101 Resp: 3044
Ion Ratio Lower Upper
101 100
85 47.7 38.5 57.7
151 79.6 55.8 83.6



#11
Tert butyl alcohol
Concen: 1.214 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

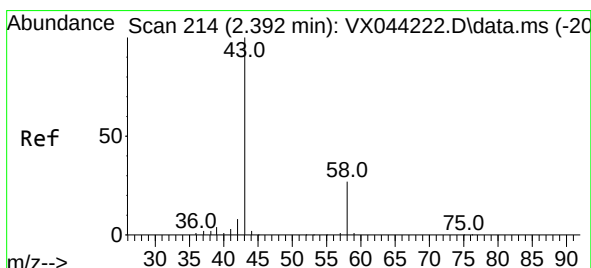
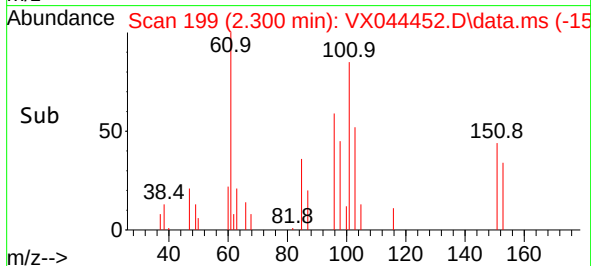
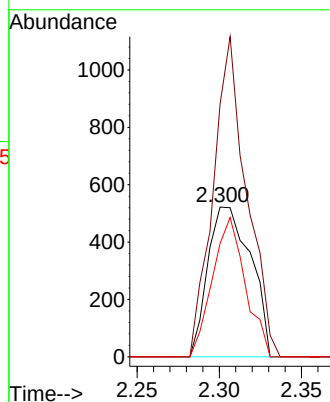
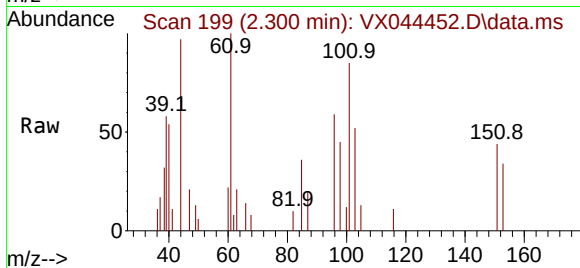




#12
1,1-Dichloroethene
Concen: 0.709 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

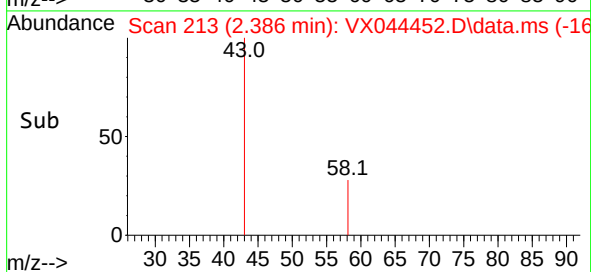
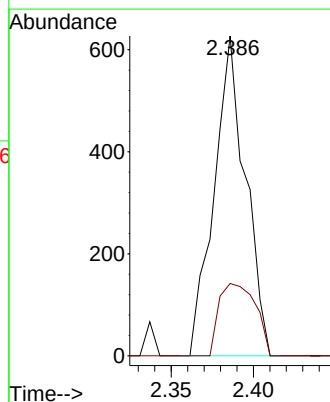
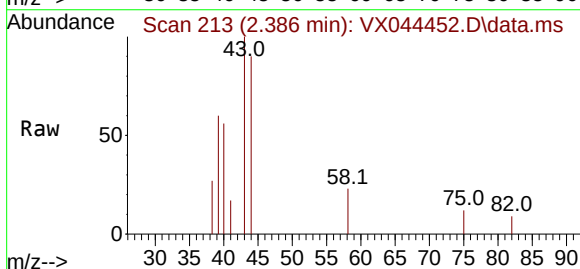
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

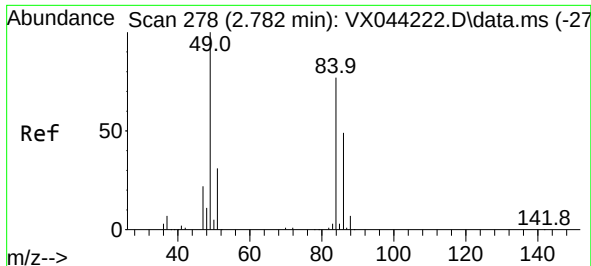
Tgt Ion: 96 Resp: 945
Ion Ratio Lower Upper
96 100
61 168.6 138.0 207.0
98 75.7 50.0 75.0#



#16
Acetone
Concen: 0.979 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 22.6 21.6 32.4

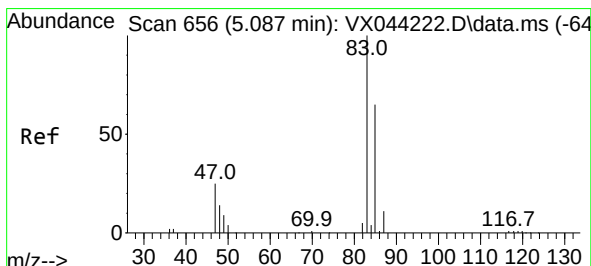
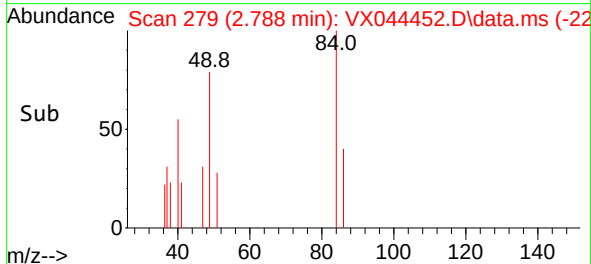
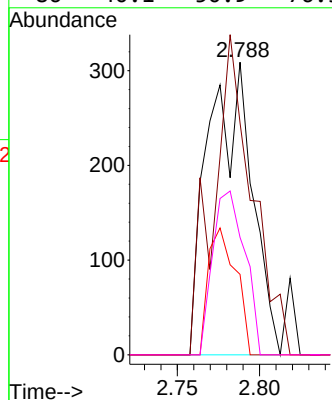
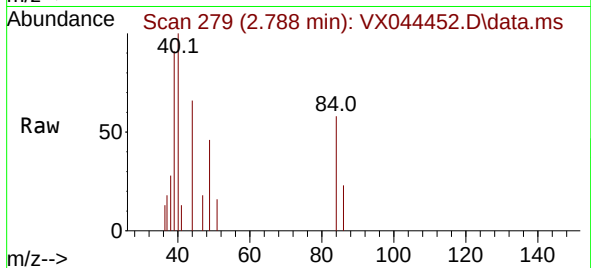




#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

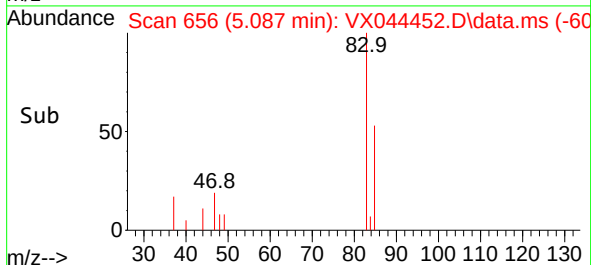
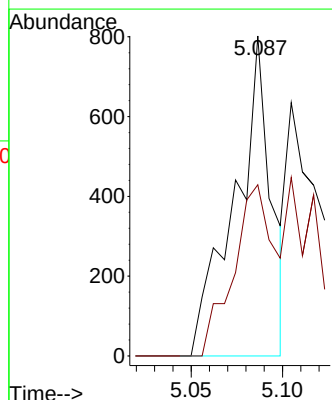
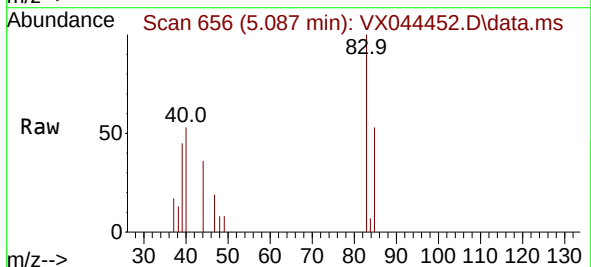
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

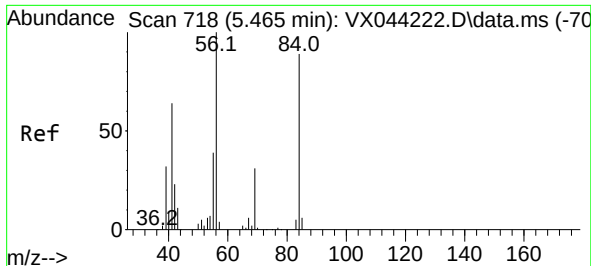
Tgt Ion: 84 Resp: 575
Ion Ratio Lower Upper
84 100
49 79.3 104.2 156.4#
51 27.5 32.2 48.4#
86 40.1 50.9 76.3#



#30
Chloroform
Concen: 0.352 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 83 Resp: 1103
Ion Ratio Lower Upper
83 100
85 53.5 51.6 77.4

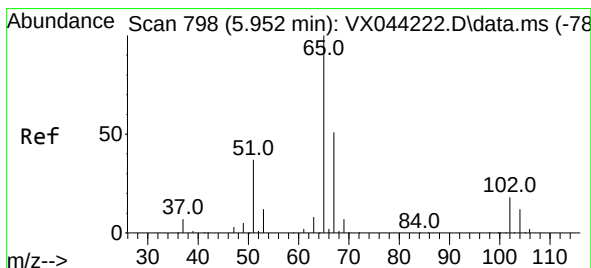
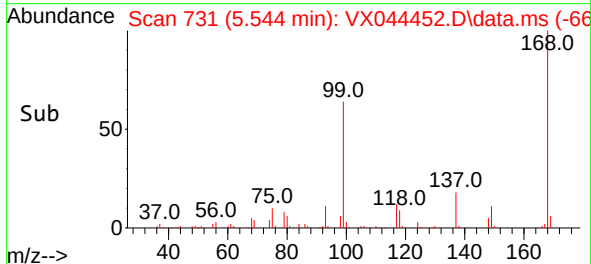
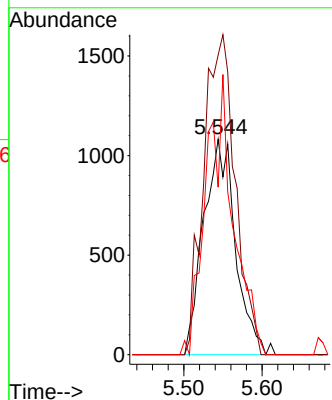
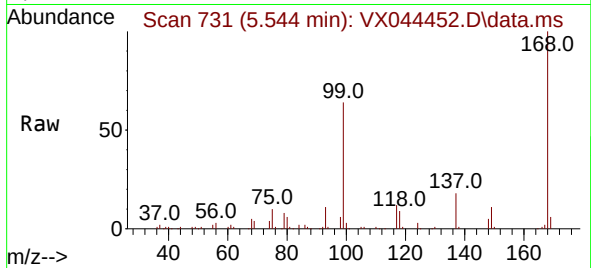




#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

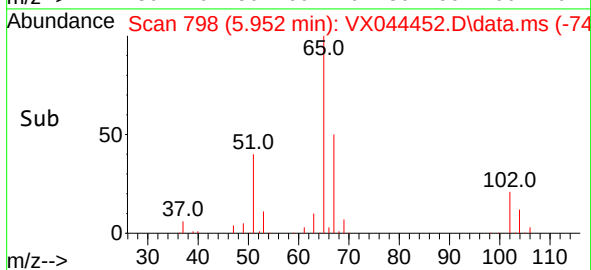
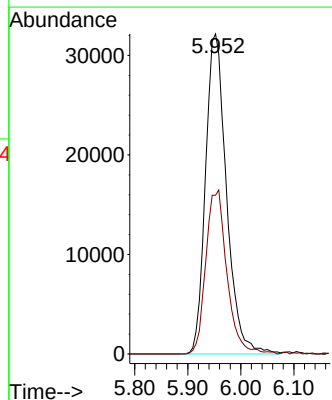
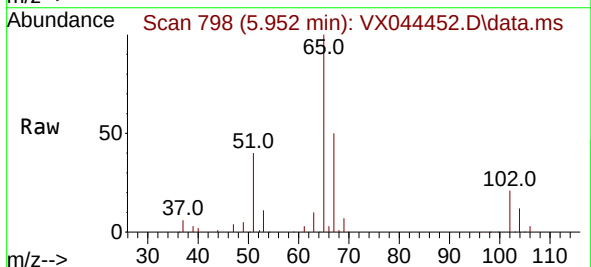
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

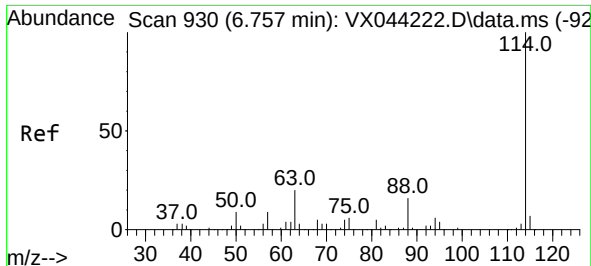
Tgt Ion: 56 Resp: 3071
Ion Ratio Lower Upper
56 100
69 139.0 24.7 37.1#
84 77.7 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 42.406 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 65 Resp: 88475
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.6

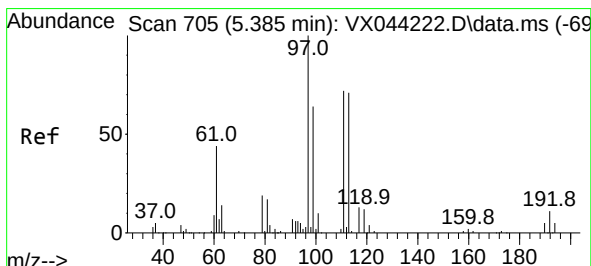
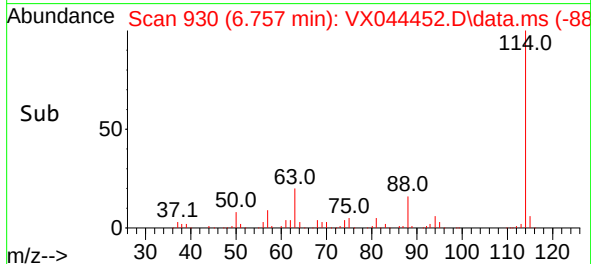
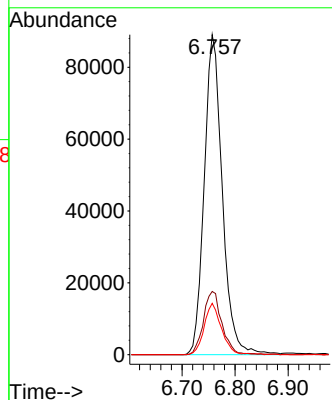
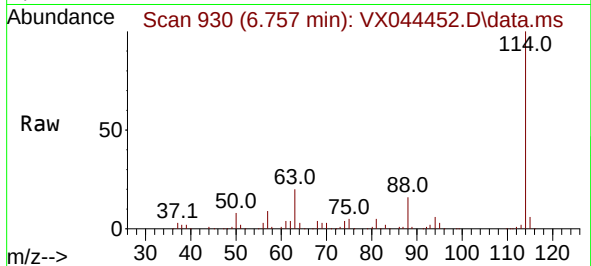




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

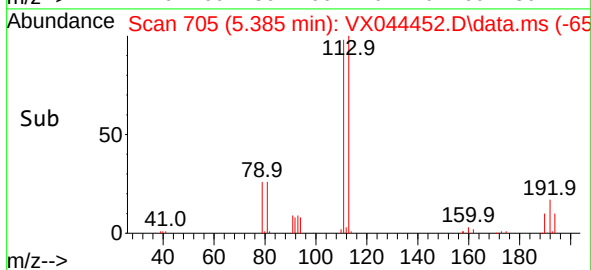
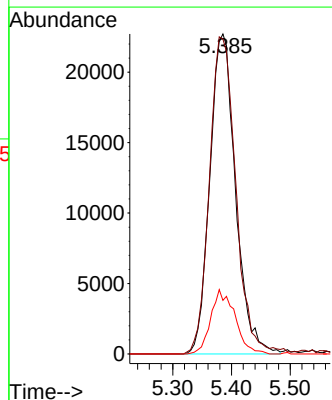
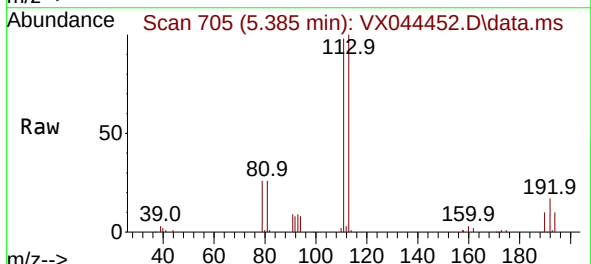
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

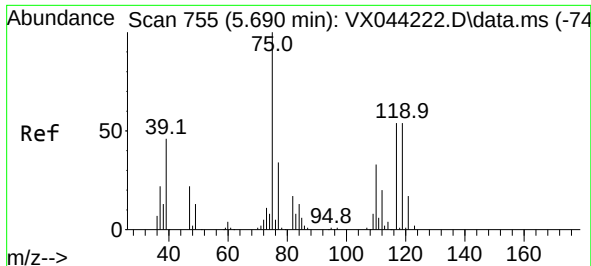
Tgt Ion:114 Resp: 210803
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.6
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.206 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

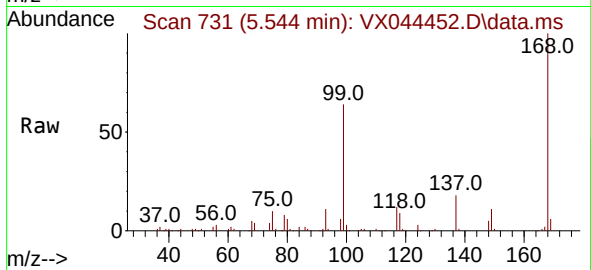
Tgt Ion:113 Resp: 68921
Ion Ratio Lower Upper
113 100
111 102.0 80.4 120.6
192 19.0 13.3 19.9



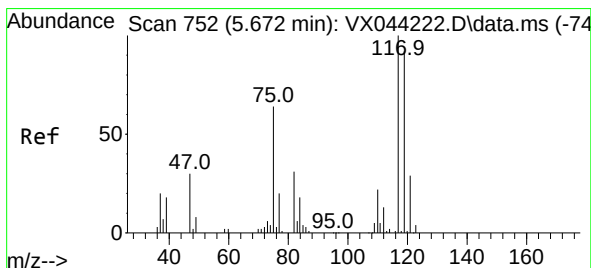
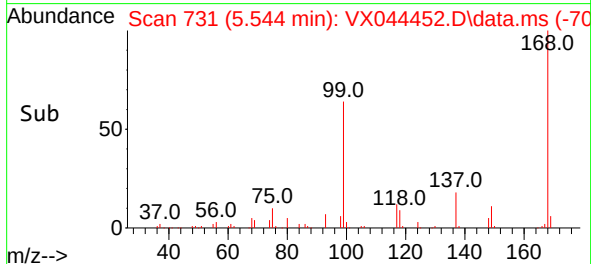
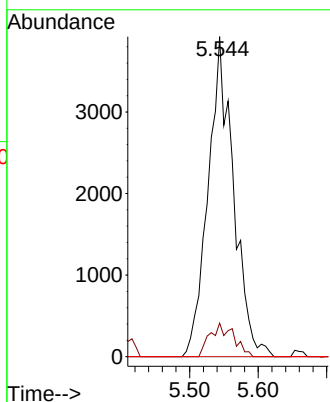


#36
1,1-Dichloropropene
Concen: 5.333 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

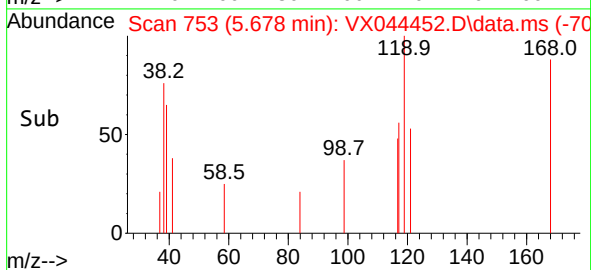
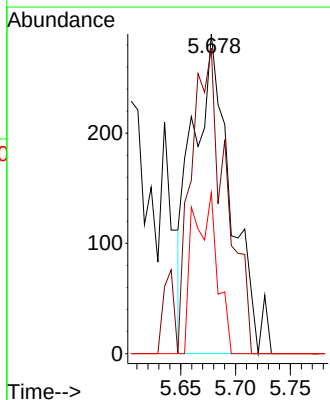
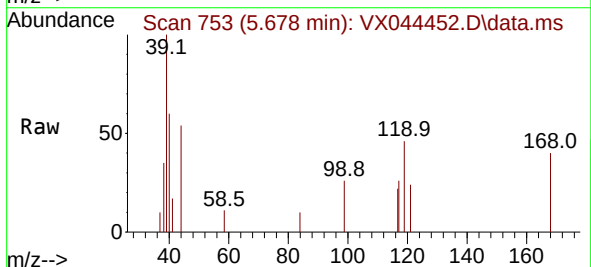


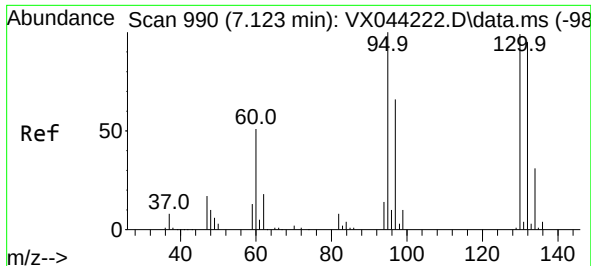
Tgt Ion: 75 Resp: 10064
Ion Ratio Lower Upper
75 100
110 9.8 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 0.349 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 117 Resp: 710
Ion Ratio Lower Upper
117 100
119 95.5 74.2 111.4
121 50.3 23.0 34.6#

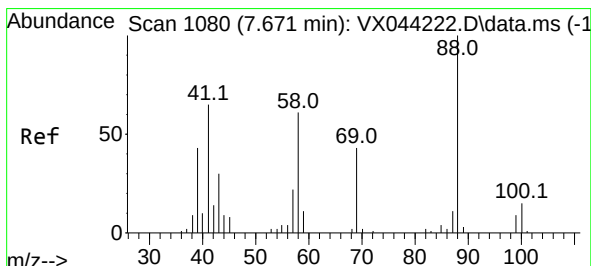
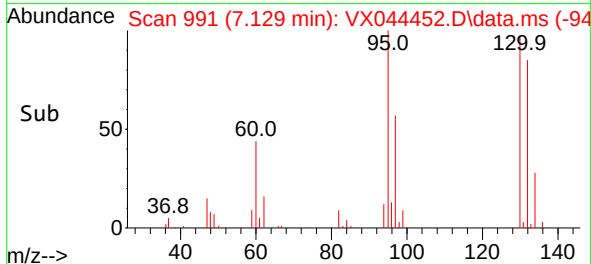
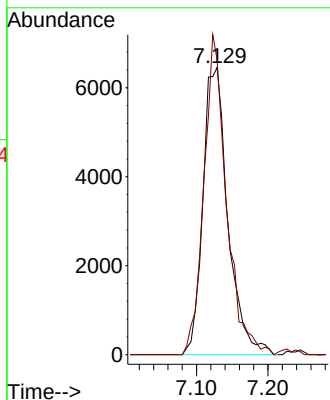
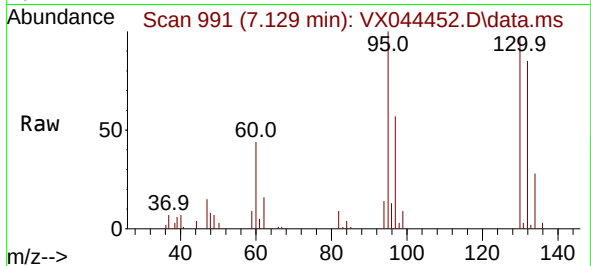




#44
Trichloroethene
Concen: 10.957 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

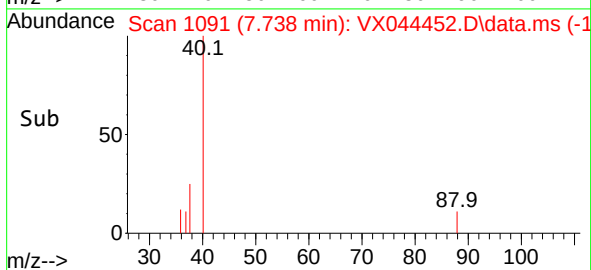
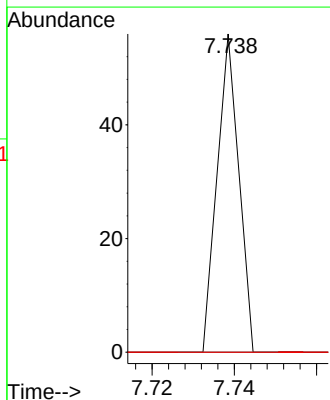
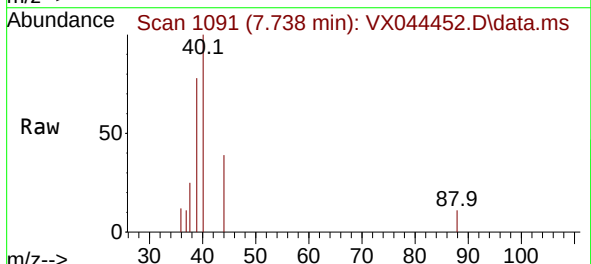
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

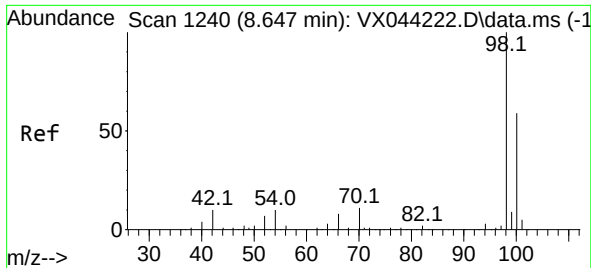
Tgt Ion:130 Resp: 15656
Ion Ratio Lower Upper
130 100
95 102.7 0.0 201.4



#49
1,4-Dioxane
Concen: 0.682 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.067 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 0.0 41.0 61.4#

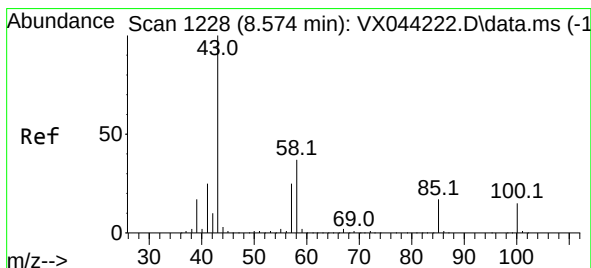
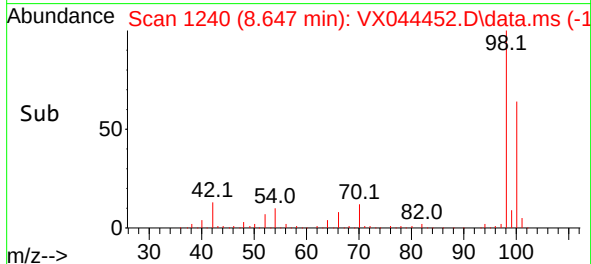
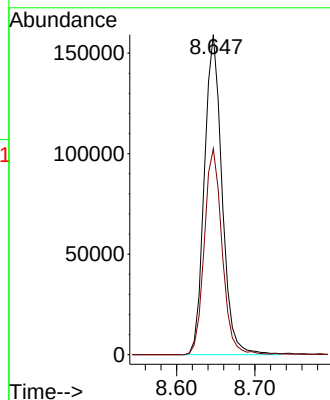
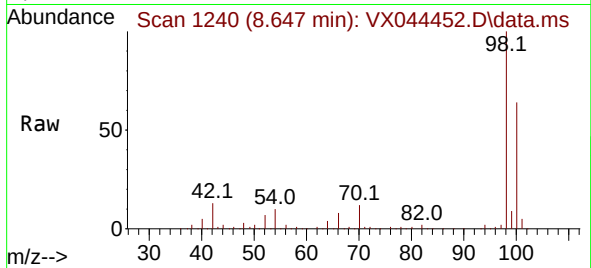




#50
Toluene-d8
Concen: 50.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

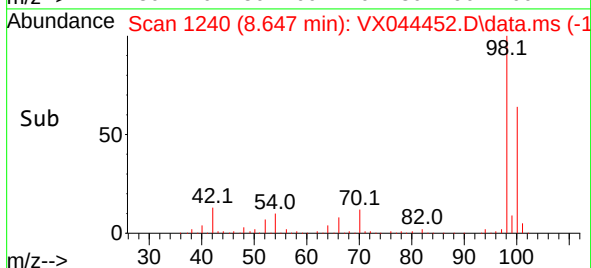
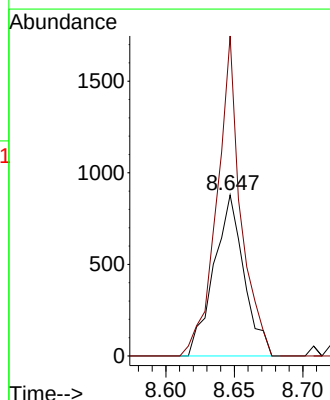
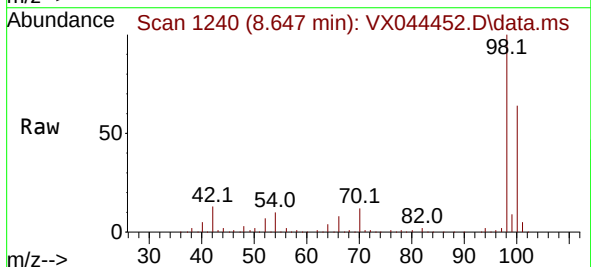
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

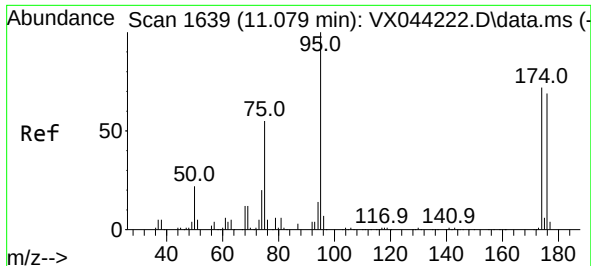
Tgt Ion: 98 Resp: 248897
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 157.2 29.4 44.0#





#62

4-Bromofluorobenzene

Concen: 45.935 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044452.D

Acq: 20 Dec 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20241216

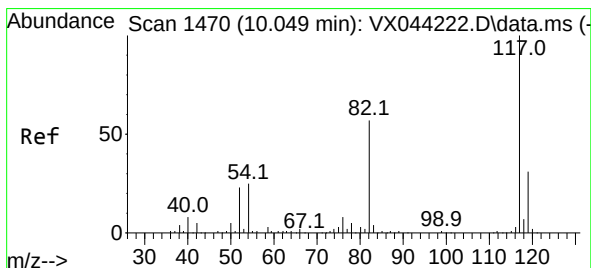
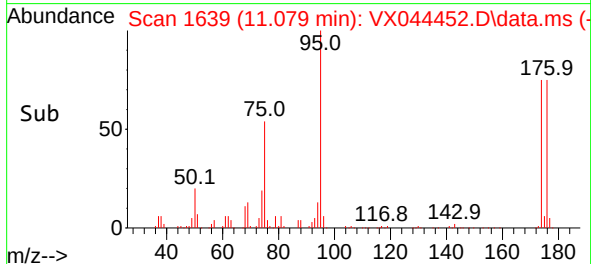
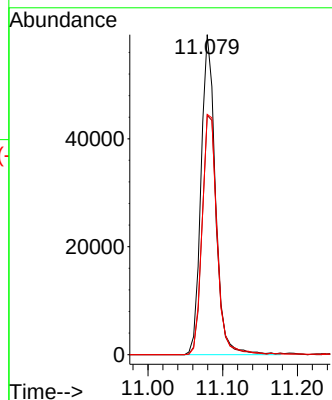
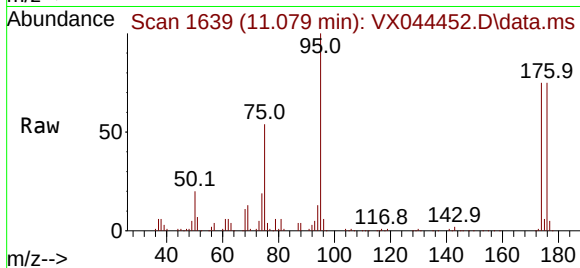
Tgt Ion: 95 Resp: 79060

Ion Ratio Lower Upper

95 100

174 78.1 0.0 145.8

176 77.8 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: VX044452.D

Acq: 20 Dec 2024 15:09

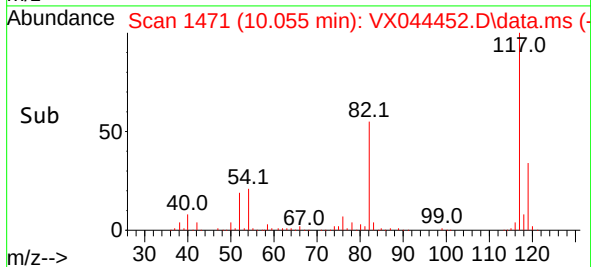
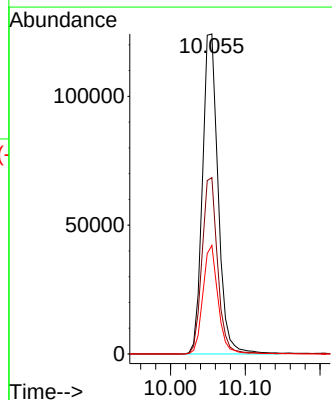
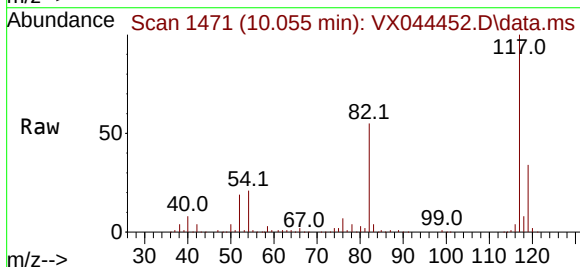
Tgt Ion: 117 Resp: 181303

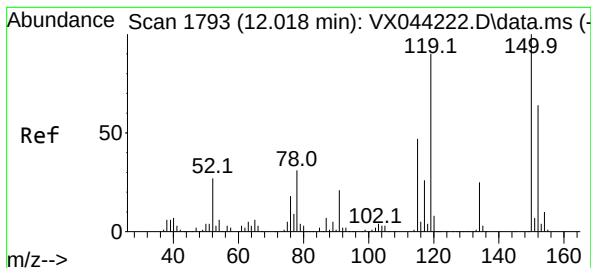
Ion Ratio Lower Upper

117 100

82 55.1 45.8 68.8

119 33.9 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044452.D

Acq: 20 Dec 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20241216

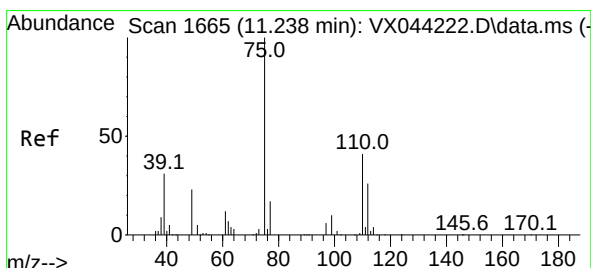
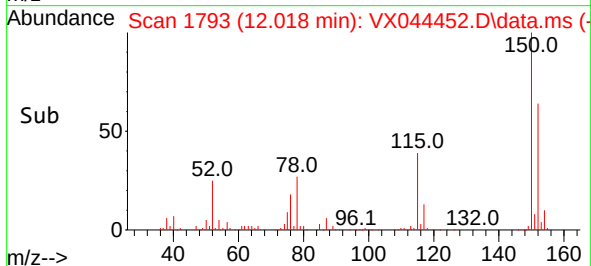
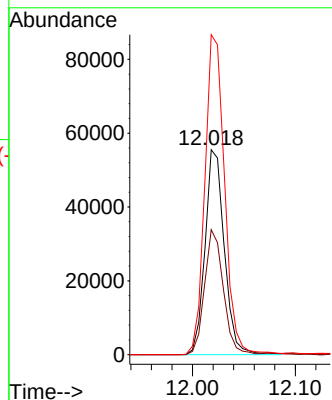
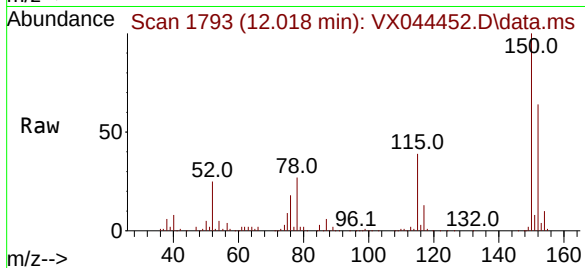
Tgt Ion:152 Resp: 72773

Ion Ratio Lower Upper

152 100

115 59.2 44.5 133.3

150 159.3 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 25.386 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044452.D

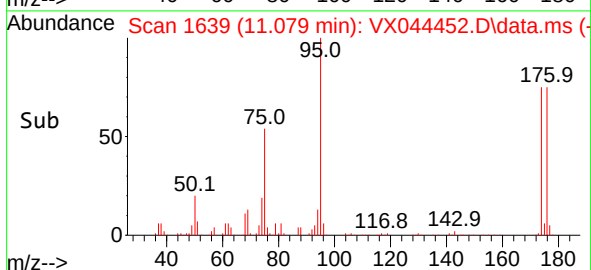
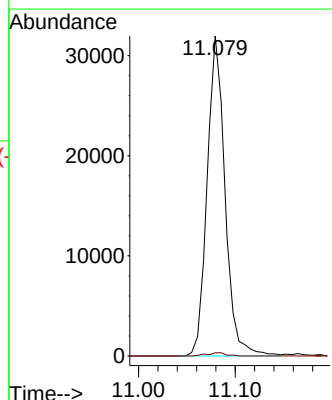
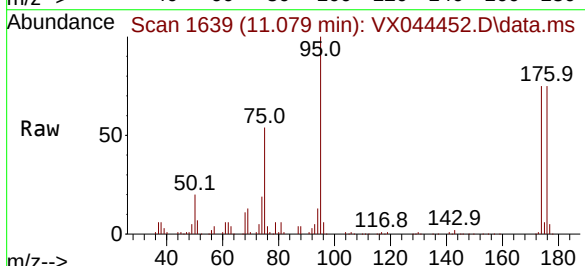
Acq: 20 Dec 2024 15:09

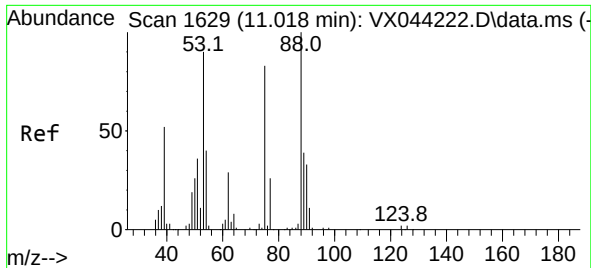
Tgt Ion: 75 Resp: 41249

Ion Ratio Lower Upper

75 100

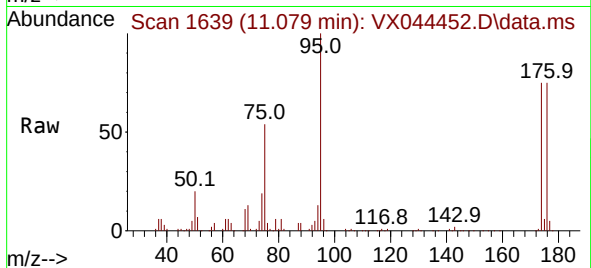
77 1.1 20.9 62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.207 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044452.D
Acq: 20 Dec 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216



Tgt Ion: 75 Resp: 41249
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

