

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044575.D
 Acq On : 31 Dec 2024 13:01
 Operator : JC/MD
 Sample : P5376-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20241219

Quant Time: Jan 01 01:40:23 2025
 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)

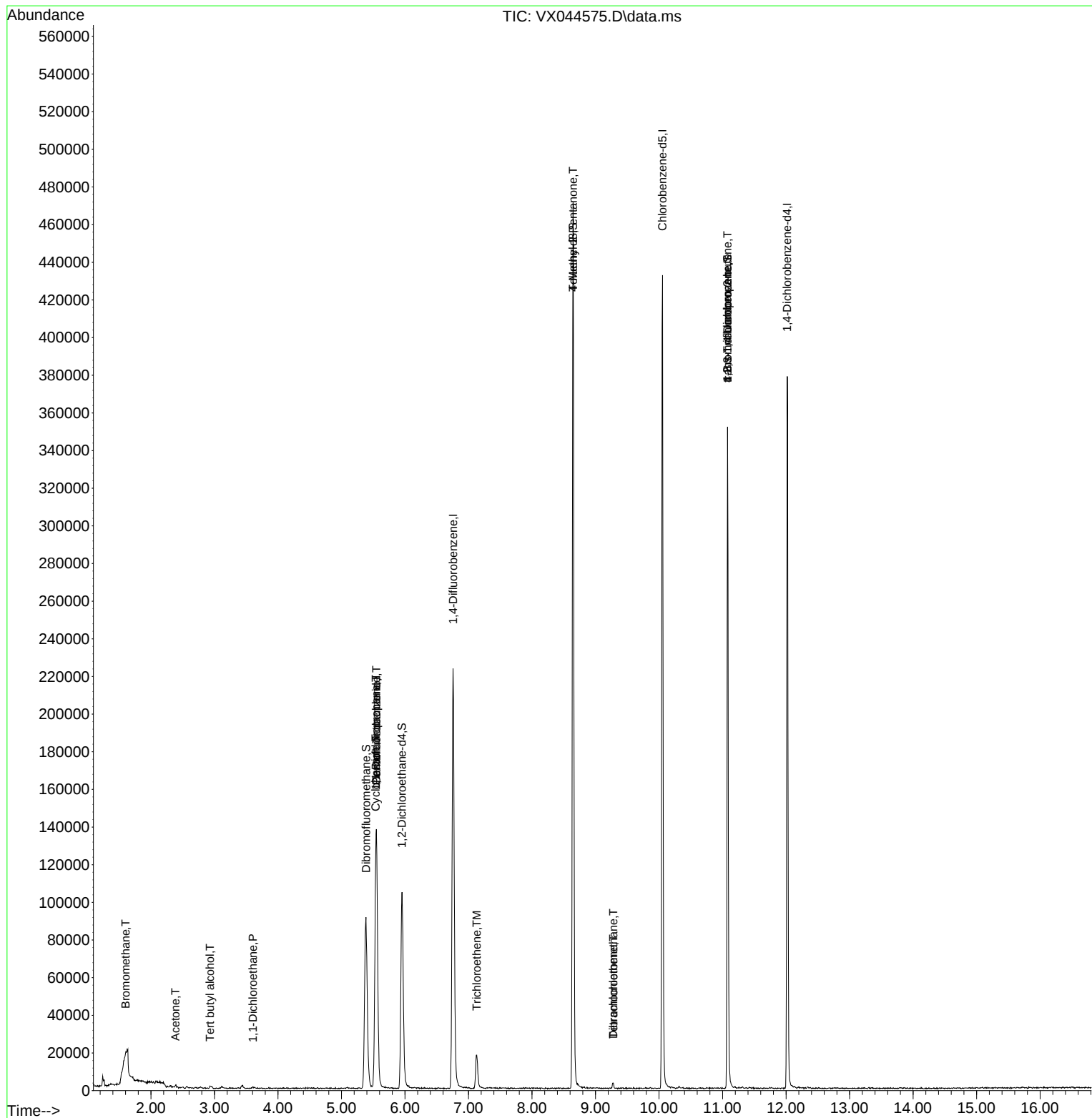
Internal Standards						
1) Pentafluorobenzene	5.550	168	131976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101618	43.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.820%
35) Dibromofluoromethane	5.385	113	80175	51.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.647	98	277006	52.294	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	11.079	95	87553	47.302	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.600%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	694	0.481	ug/l #	78
11) Tert butyl alcohol	2.928	59	299	0.917	ug/l #	71
16) Acetone	2.386	43	961	1.019	ug/l	100
24) 1,1-Dichloroethane	3.605	63	959	0.310	ug/l #	82
31) Cyclohexane	5.538	56	3153	1.262	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	10724	5.284	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13725	6.281	ug/l #	18
44) Trichloroethene	7.129	130	7445	4.845	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1437	0.570	ug/l #	1
60) Dibromochloromethane	9.281	129	468	1.524	ug/l #	11
64) Tetrachloroethene	9.281	164	566	0.440	ug/l #	60
76) 1,2,3-Trichloropropane	11.079	75	48653	26.999	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	48653	74.312	ug/l #	4

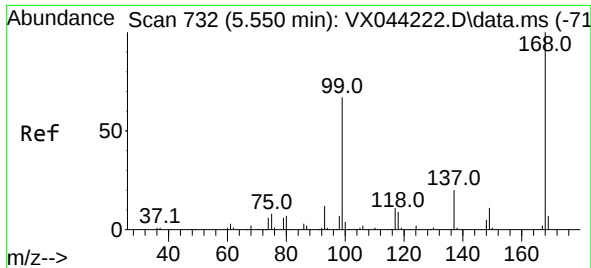
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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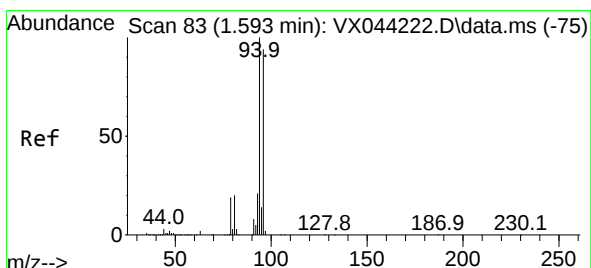
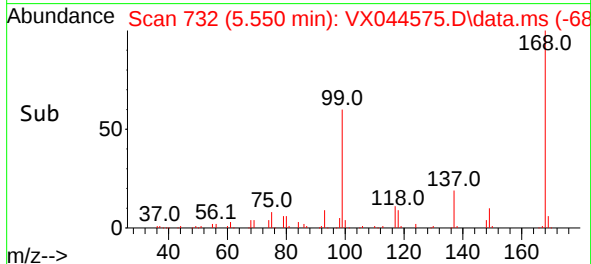
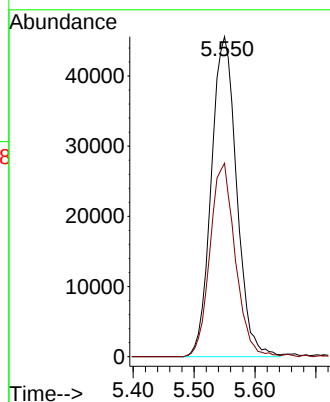
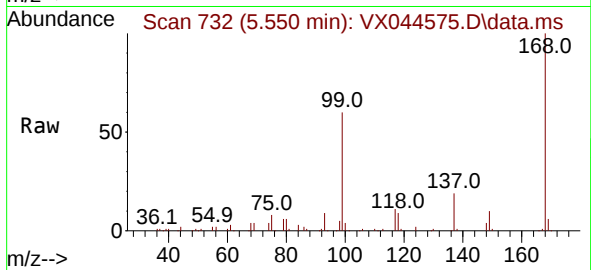




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

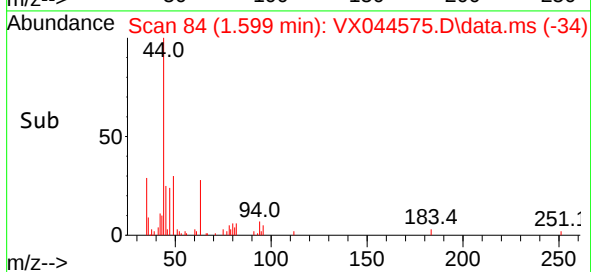
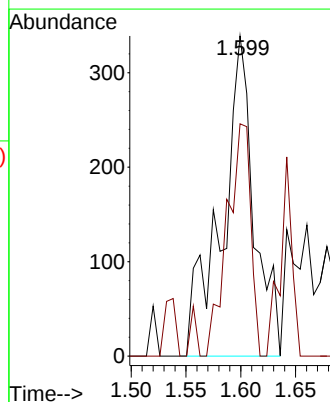
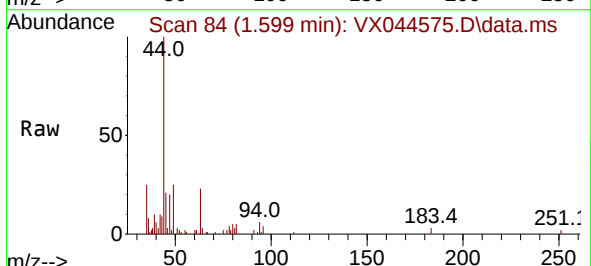
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20241219

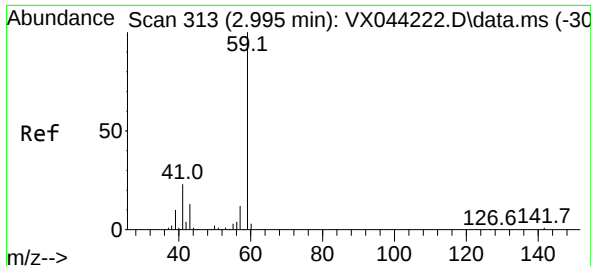
Tgt Ion:168 Resp: 131976
Ion Ratio Lower Upper
168 100
99 60.5 53.4 80.0



#5
Bromomethane
Concen: 0.481 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Tgt Ion: 94 Resp: 694
Ion Ratio Lower Upper
94 100
96 72.6 74.9 112.3#





#11

Tert butyl alcohol

Concen: 0.917 ug/l

RT: 2.928 min Scan# 30

Delta R.T. -0.067 min

Lab File: VX044575.D

Acq: 31 Dec 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

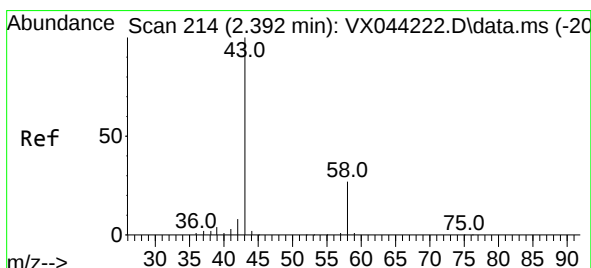
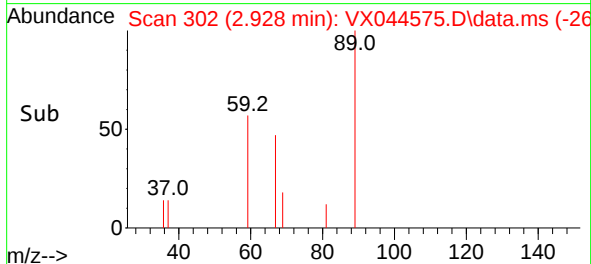
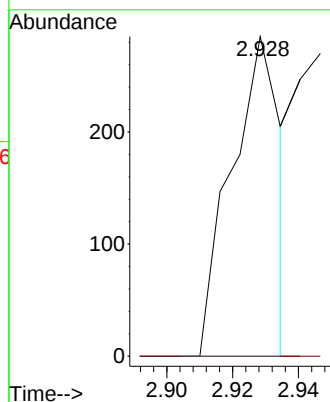
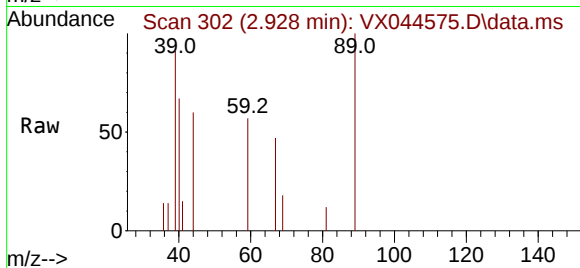
TT188S1-20241219

Tgt Ion: 59 Resp: 299

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 1.019 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044575.D

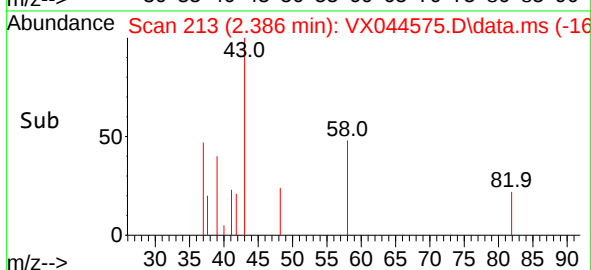
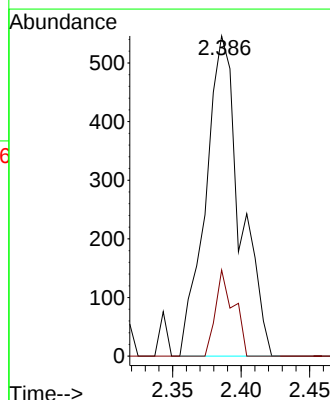
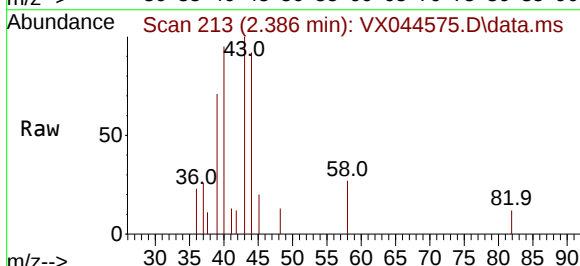
Acq: 31 Dec 2024 13:01

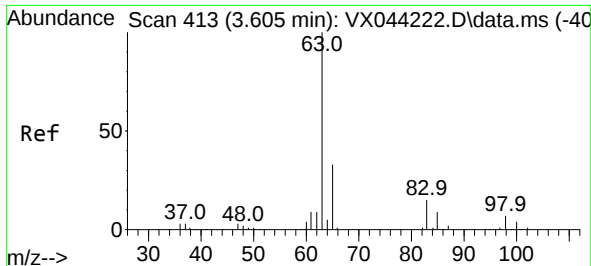
Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

58 26.9 21.6 32.4

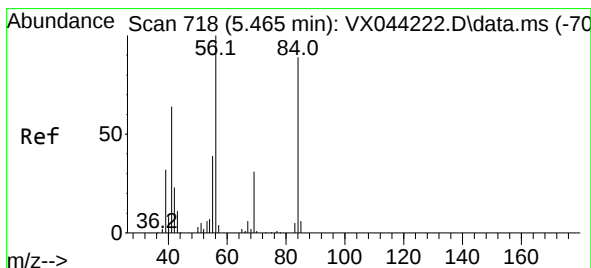
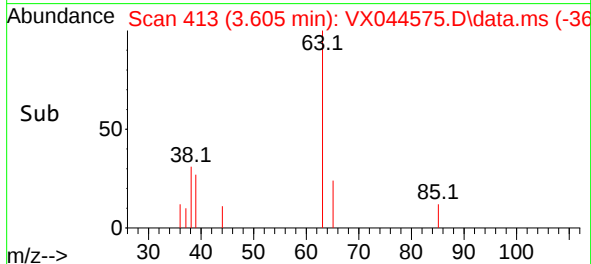
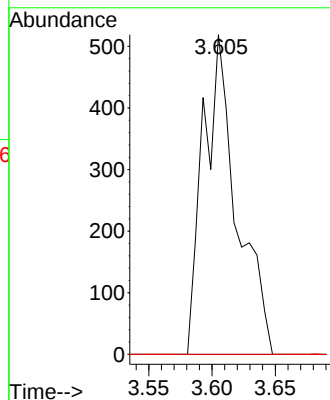
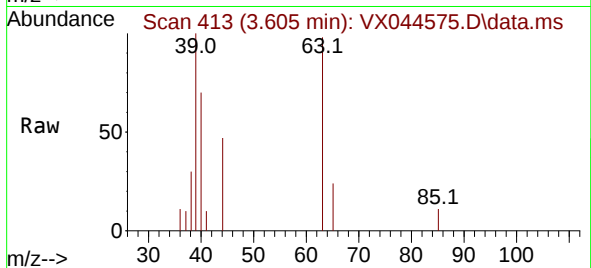




#24
1,1-Dichloroethane
Concen: 0.310 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

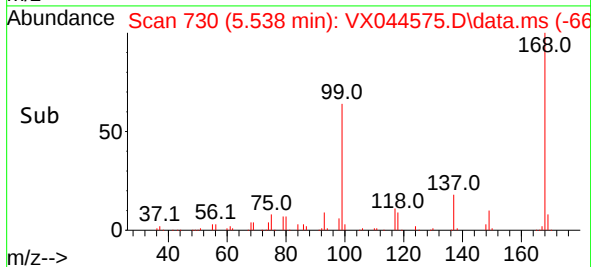
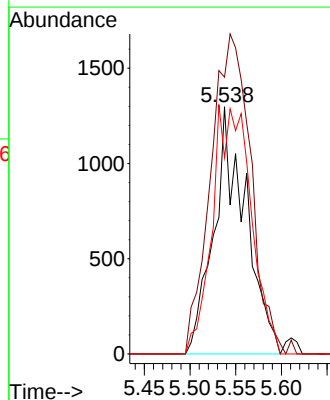
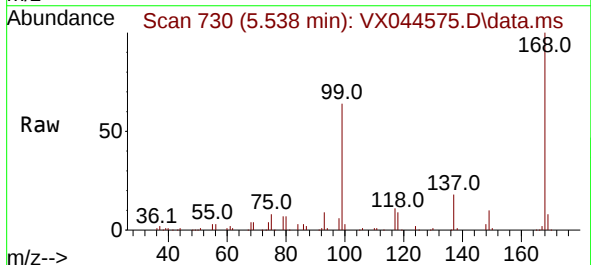
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20241219

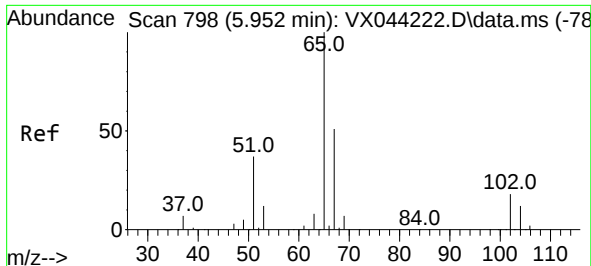
Tgt Ion: 63 Resp: 959
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Tgt Ion: 56 Resp: 3153
Ion Ratio Lower Upper
56 100
69 111.9 24.7 37.1#
84 79.4 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 43.915 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044575.D

Acq: 31 Dec 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

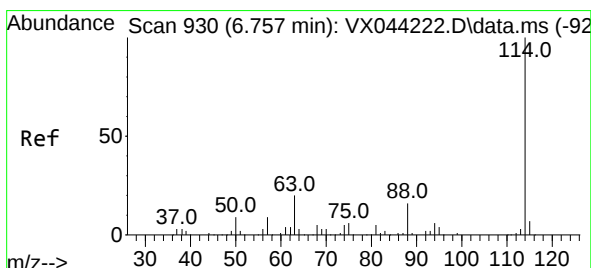
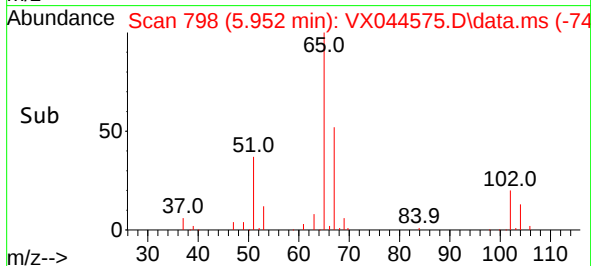
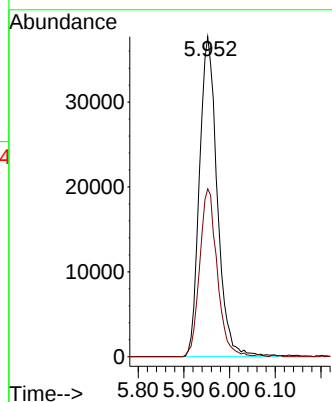
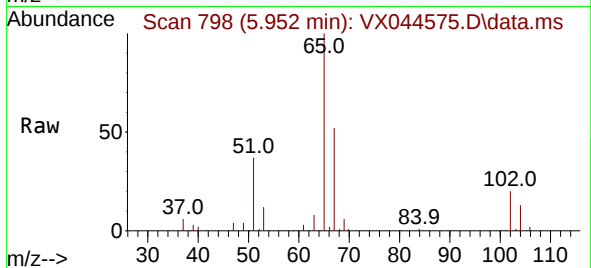
TT188S1-20241219

Tgt Ion: 65 Resp: 101618

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# 930

Delta R.T. -0.000 min

Lab File: VX044575.D

Acq: 31 Dec 2024 13:01

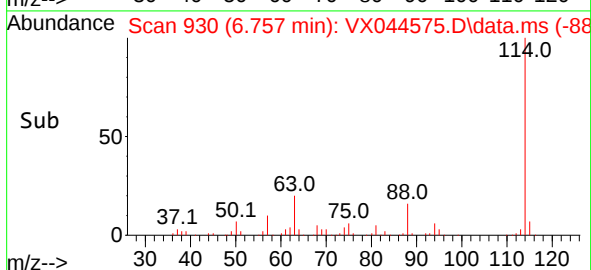
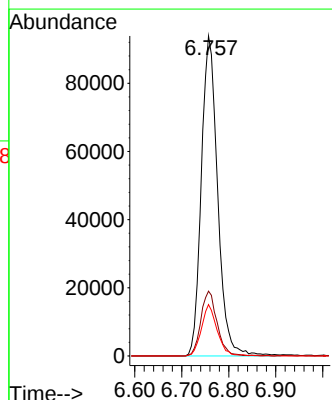
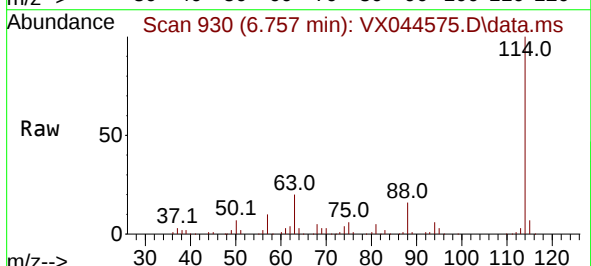
Tgt Ion: 114 Resp: 226699

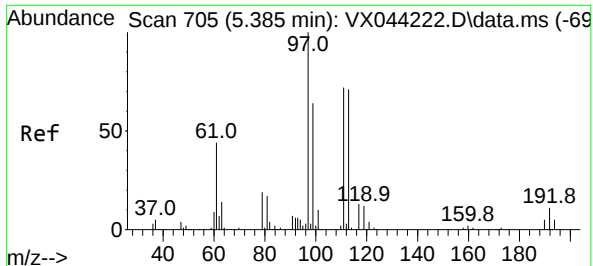
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

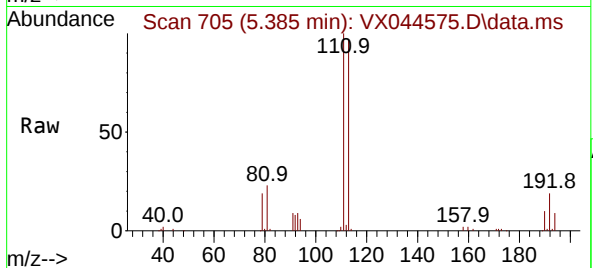
88 16.0 0.0 31.8



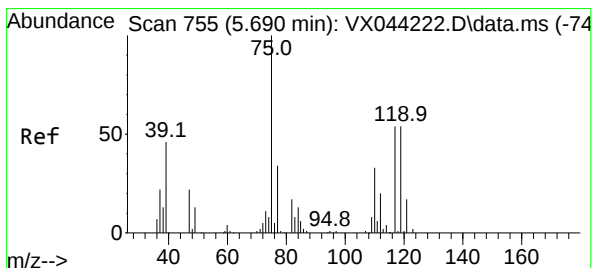
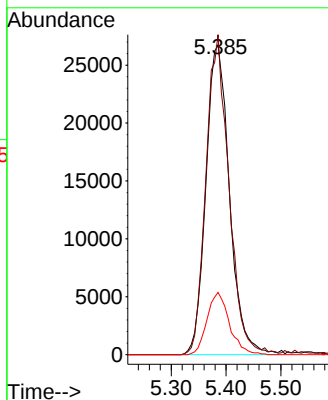
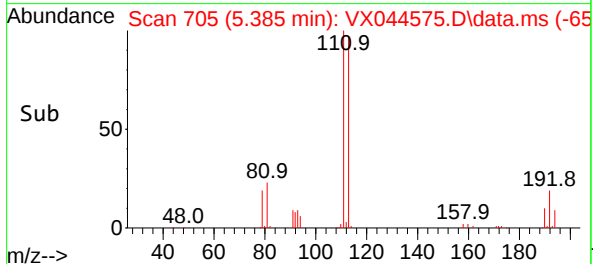


#35
Dibromofluoromethane
Concen: 51.064 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

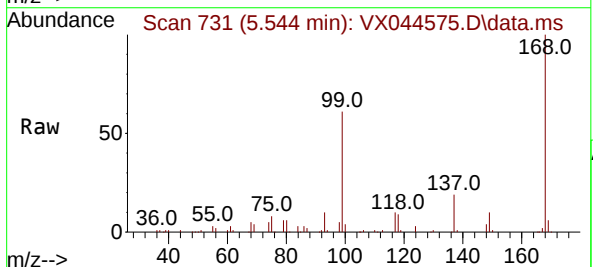
Instrument :
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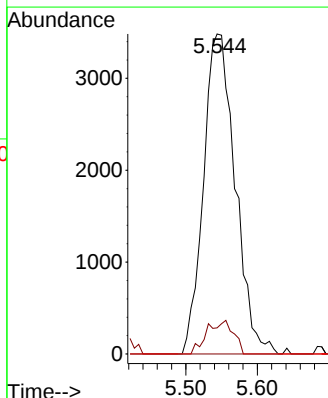
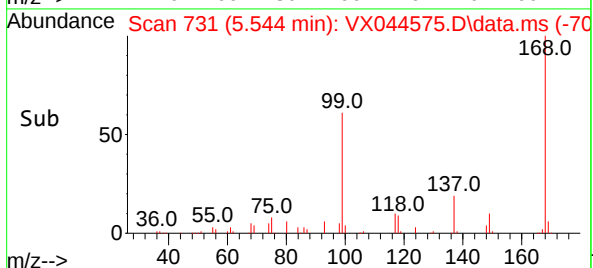
Tgt Ion:113 Resp: 80175
Ion Ratio Lower Upper
113 100
111 99.9 80.4 120.6
192 19.1 13.3 19.9

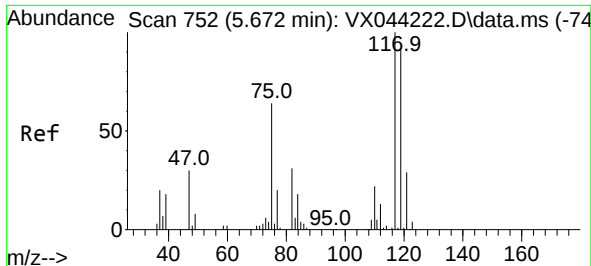


#36
1,1-Dichloropropene
Concen: 5.284 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01



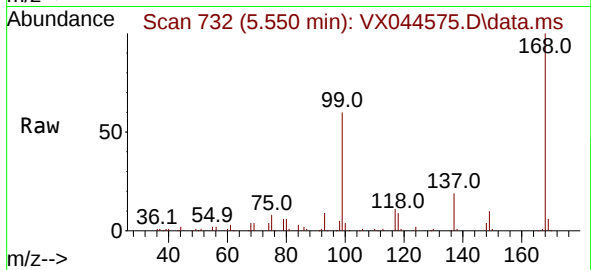
Tgt Ion: 75 Resp: 10724
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 25.4 38.0#



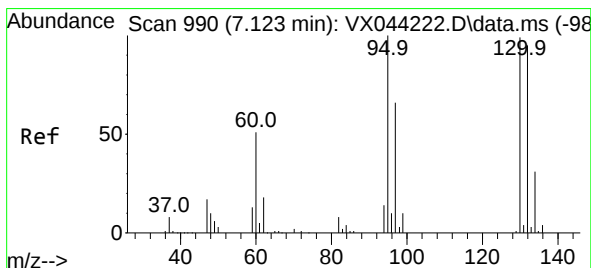
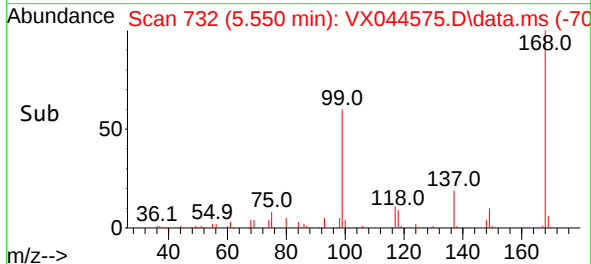
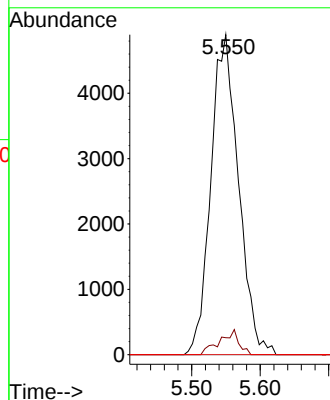


#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Instrument :
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ClientSampleId :
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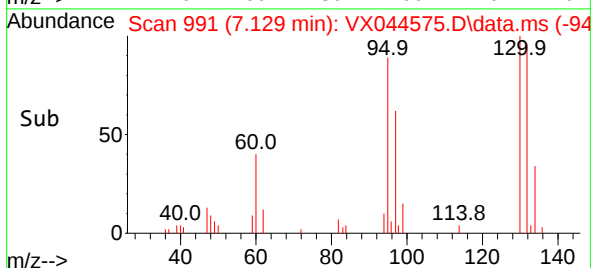
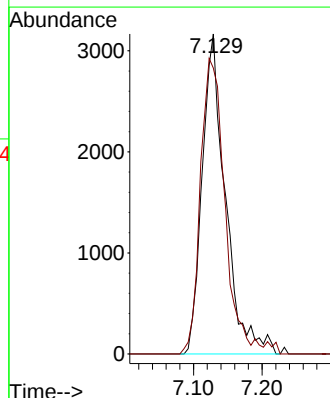
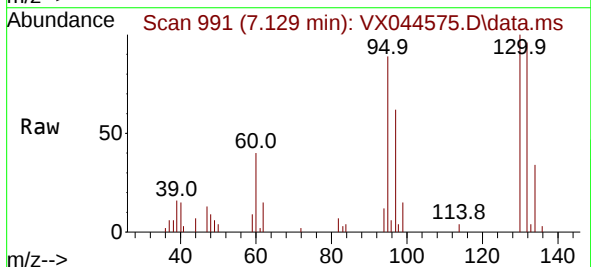


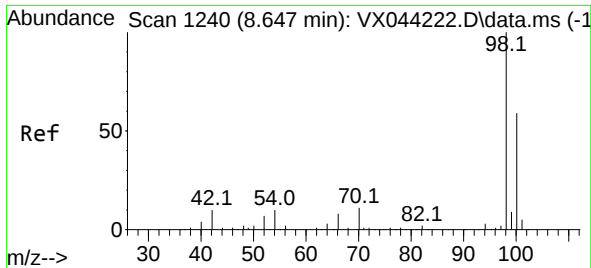
Tgt Ion:117 Resp: 13725
Ion Ratio Lower Upper
117 100
119 5.3 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 4.845 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Tgt Ion:130 Resp: 7445
Ion Ratio Lower Upper
130 100
95 89.4 0.0 201.4

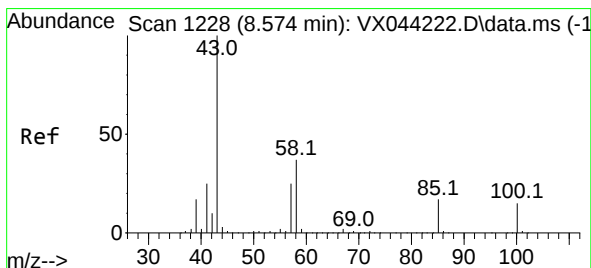
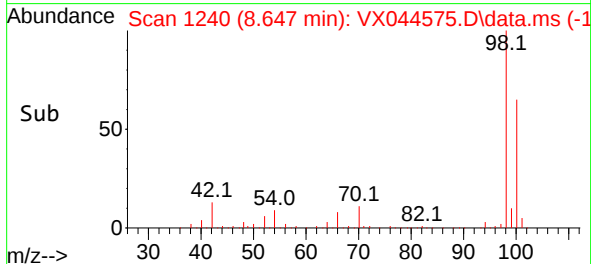
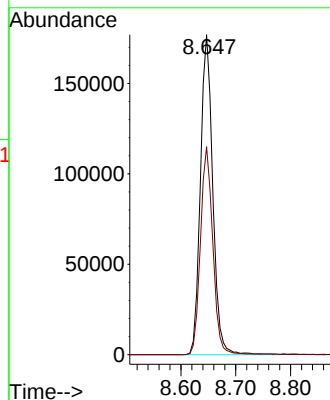
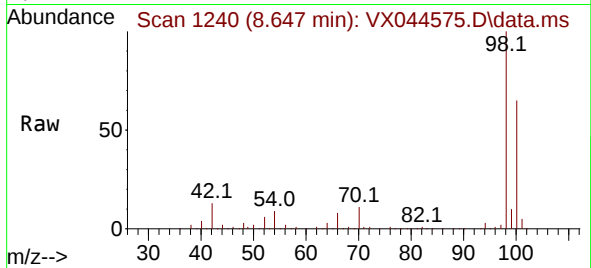




#50
Toluene-d8
Concen: 52.294 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

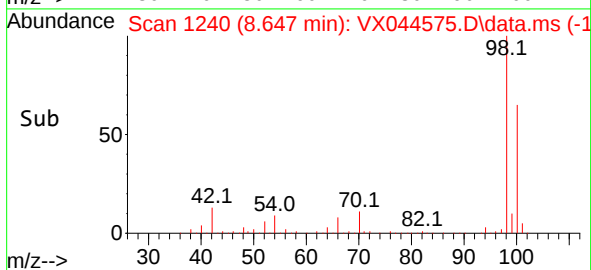
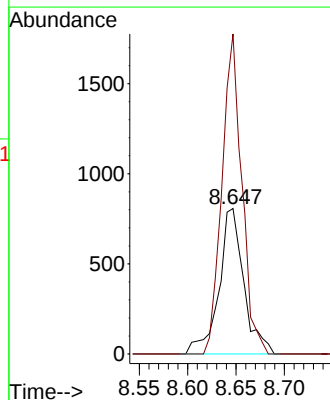
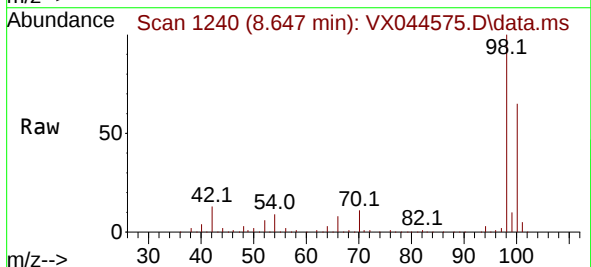
Instrument :
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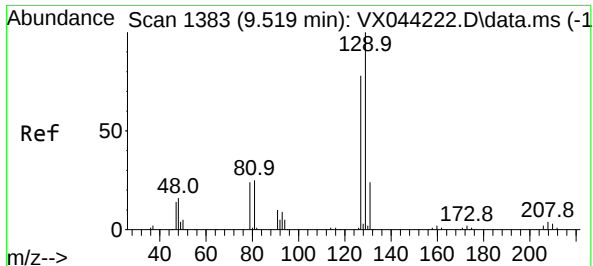
Tgt Ion: 98 Resp: 277006
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 176.6 29.4 44.0#

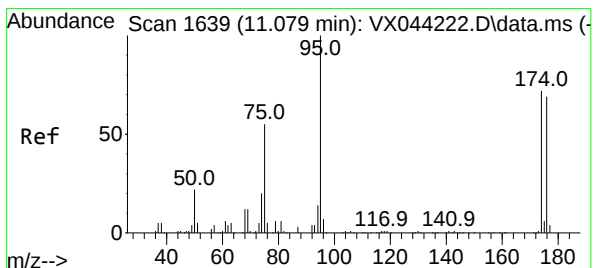
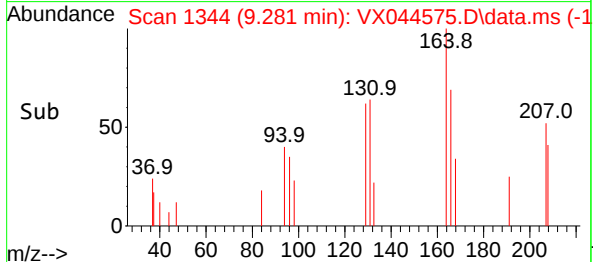
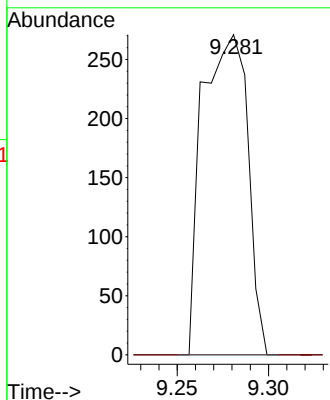
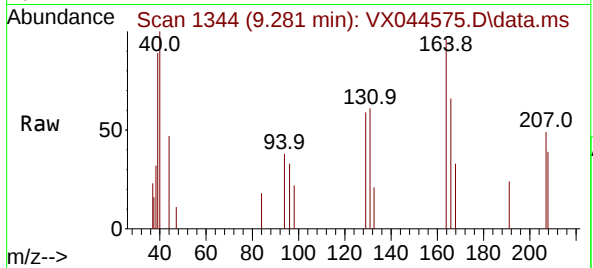




#60
Dibromochloromethane
Concen: 1.524 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

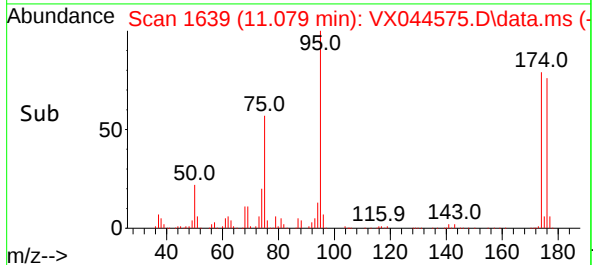
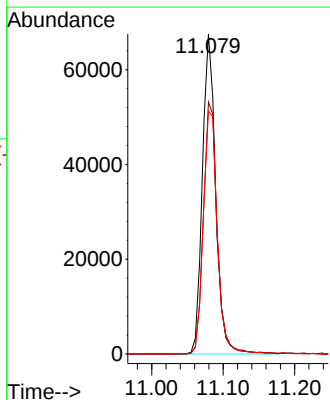
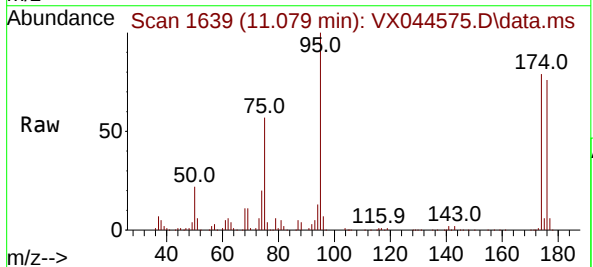
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20241219

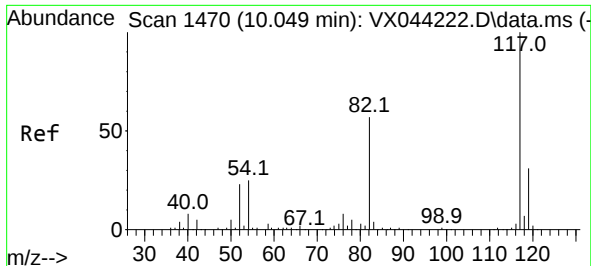
Tgt Ion:129 Resp: 468
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Tgt Ion: 95 Resp: 87553
Ion Ratio Lower Upper
95 100
174 81.3 0.0 145.8
176 80.5 0.0 137.8

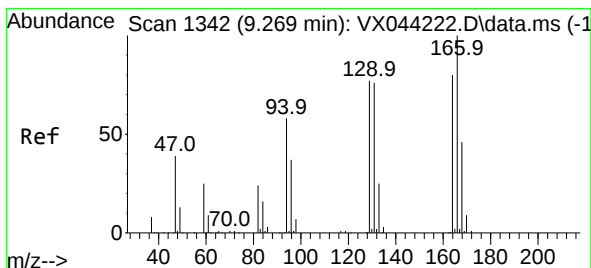
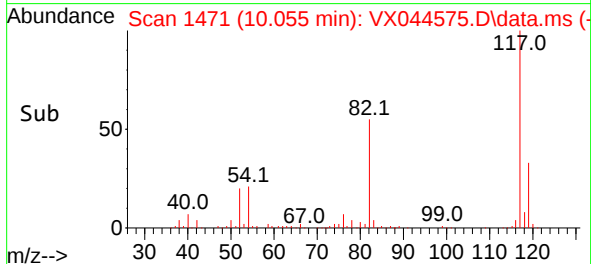
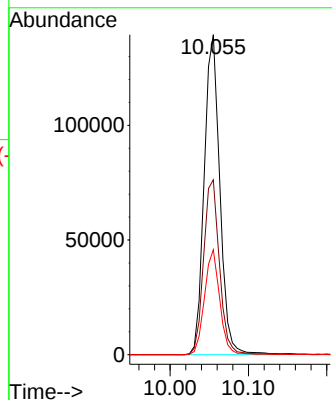
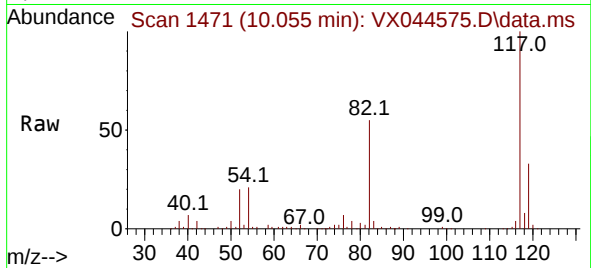




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

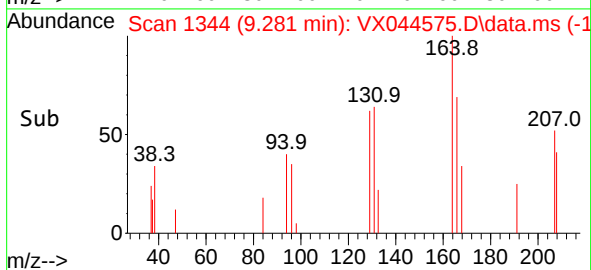
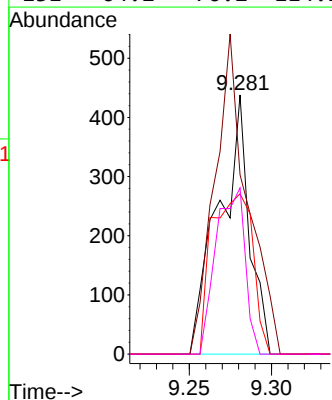
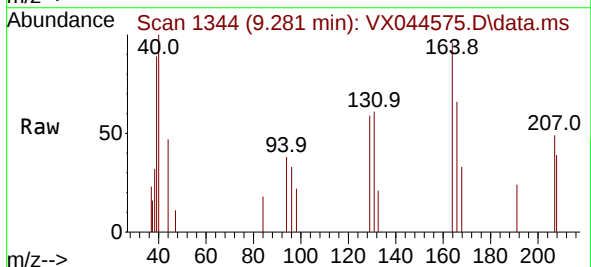
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20241219

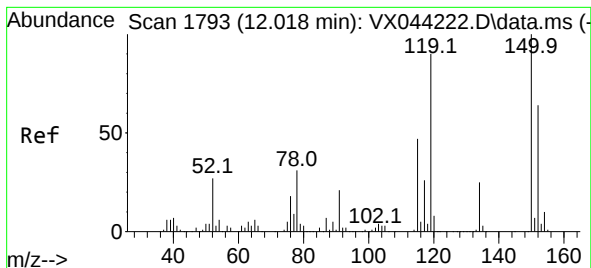
Tgt Ion:117 Resp: 193617
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.8
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 0.440 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

Tgt Ion:164 Resp: 566
Ion Ratio Lower Upper
164 100
166 69.2 100.4 150.6#
129 61.9 77.2 115.8#
131 64.2 76.2 114.2#

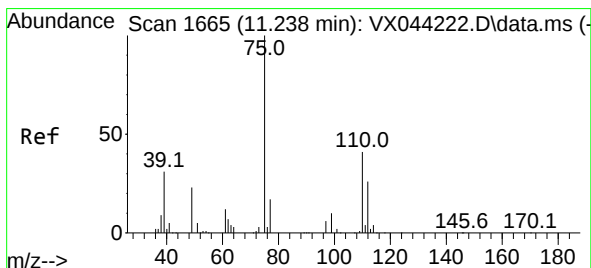
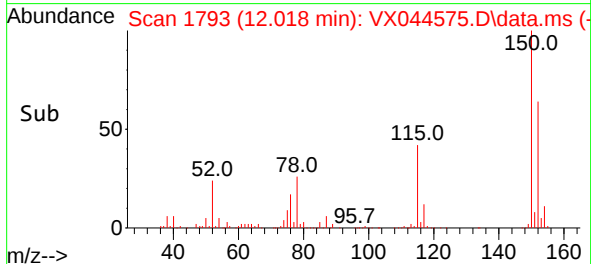
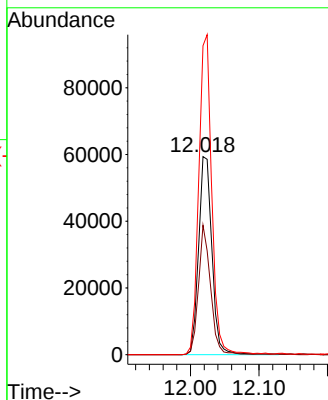
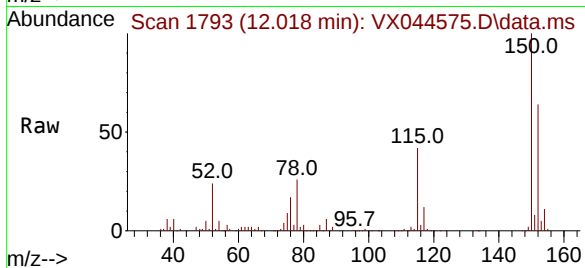




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

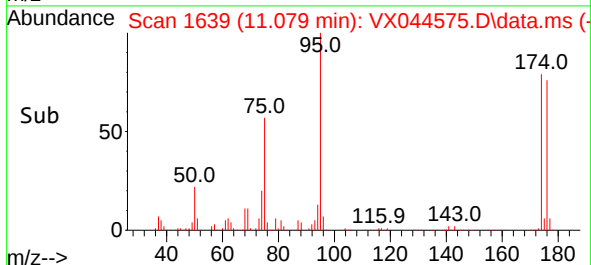
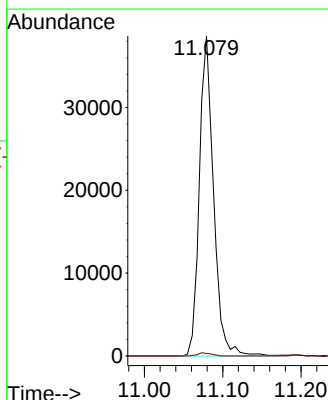
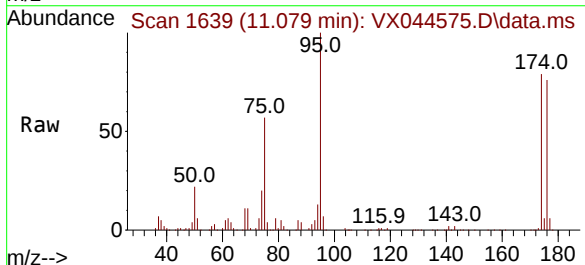
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20241219

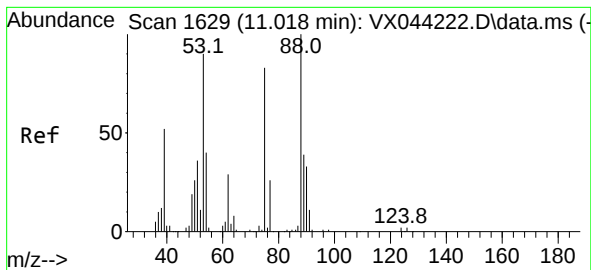
Tgt Ion:152 Resp: 80709
Ion Ratio Lower Upper
152 100
115 58.8 44.5 133.3
150 157.4 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 26.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044575.D
Acq: 31 Dec 2024 13:01

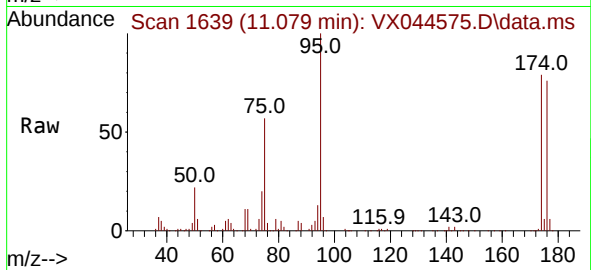
Tgt Ion: 75 Resp: 48653
Ion Ratio Lower Upper
75 100
77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.312 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044575.D
 Acq: 31 Dec 2024 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20241219



Tgt Ion: 75 Resp: 48653
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

