

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044559.D
 Acq On : 30 Dec 2024 21:11
 Operator : JC/MD
 Sample : P5376-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20241219

Quant Time: Dec 31 00:38:42 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)

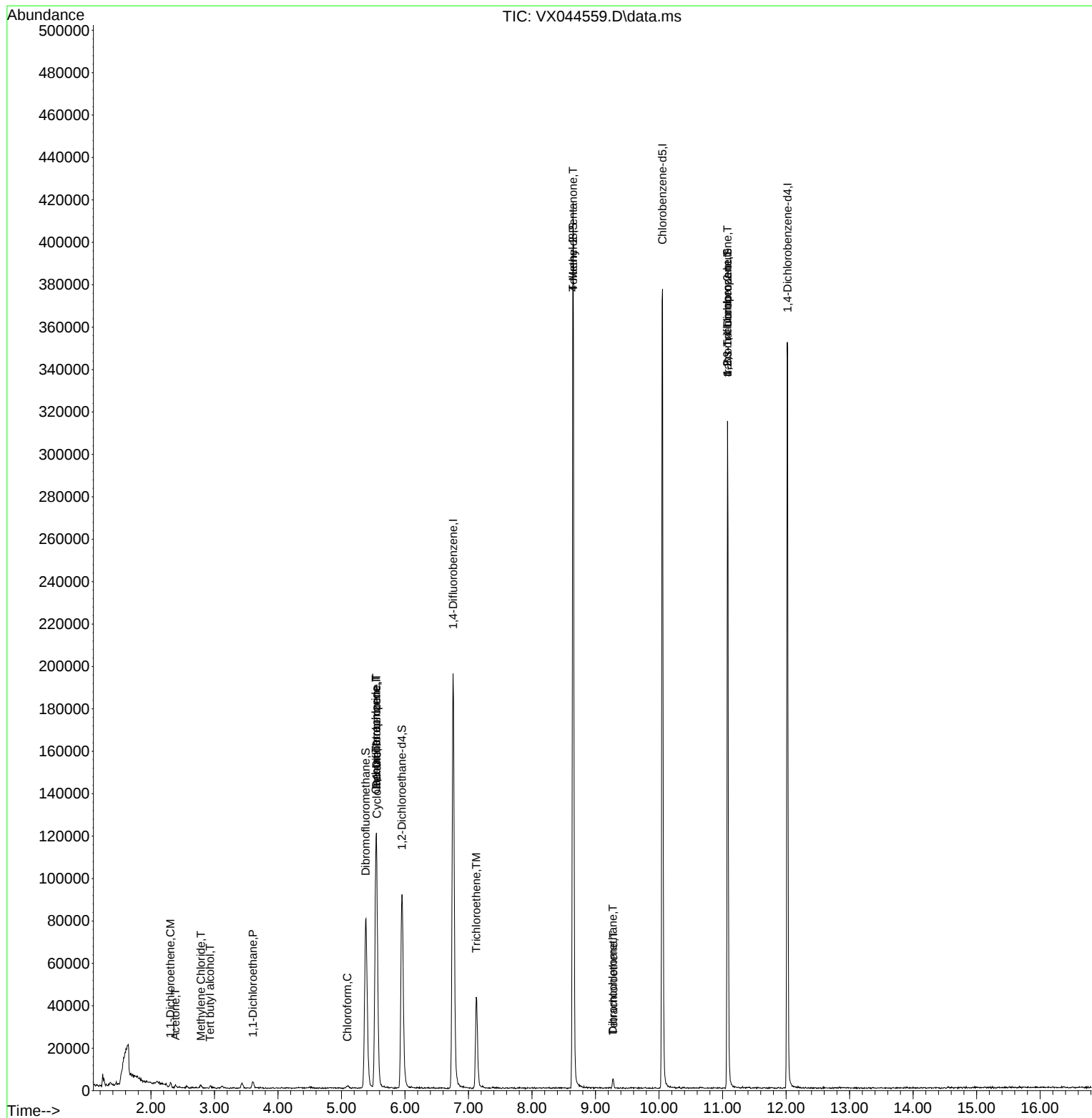
Internal Standards						
1) Pentafluorobenzene	5.550	168	114172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90224	45.071	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.140%
35) Dibromofluoromethane	5.379	113	68868	49.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	8.647	98	245495	52.705	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.420%
62) 4-Bromofluorobenzene	11.079	95	79780	49.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.928	59	306	1.085	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	459	0.359	ug/l #	59
16) Acetone	2.386	43	1083	1.327	ug/l #	73
20) Methylene Chloride	2.788	84	671	0.438	ug/l #	47
24) 1,1-Dichloroethane	3.605	63	3543	1.324	ug/l #	94
30) Chloroform	5.092	83	1390	0.462	ug/l #	73
31) Cyclohexane	5.556	56	2951	1.366	ug/l #	64
36) 1,1-Dichloropropene	5.550	75	8962	5.022	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12275	6.389	ug/l #	16
44) Trichloroethene	7.123	130	16730	12.381	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	1245	0.562	ug/l #	1
60) Dibromochloromethane	9.275	129	722	1.746	ug/l #	11
64) Tetrachloroethene	9.281	164	784	0.675	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	43012	25.921	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	43012	71.568	ug/l #	4

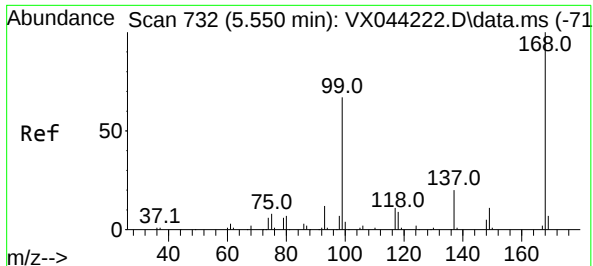
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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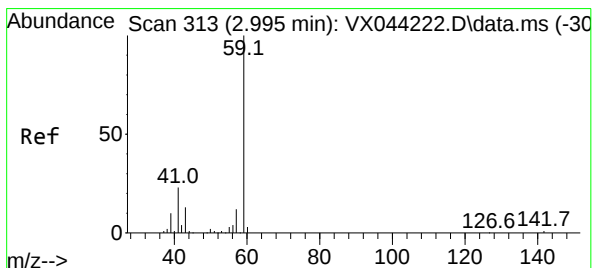
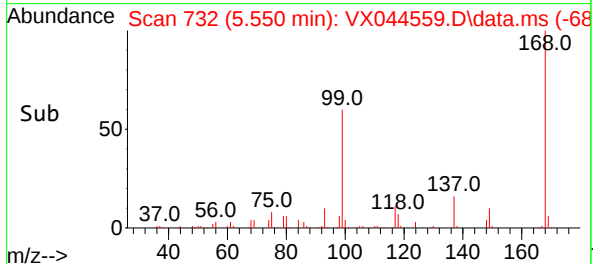
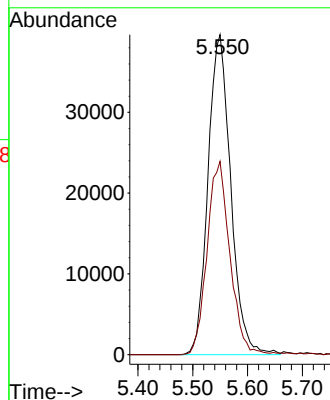
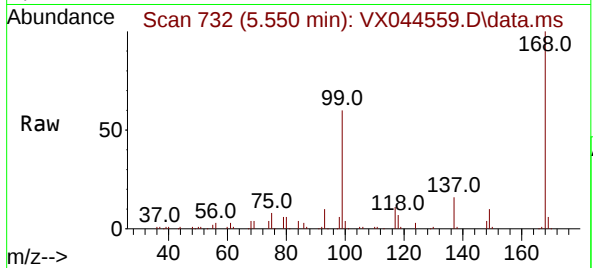




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

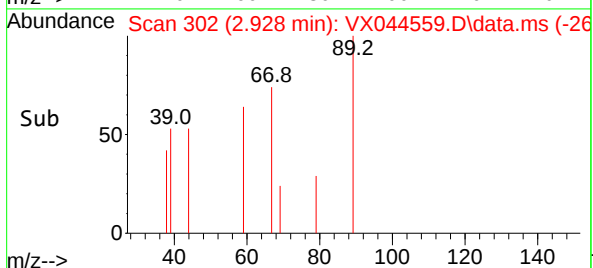
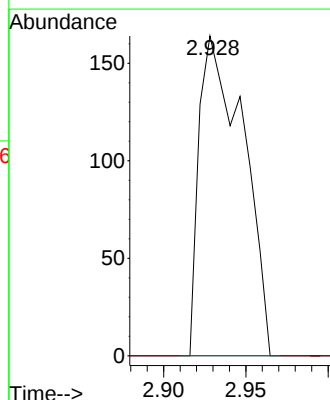
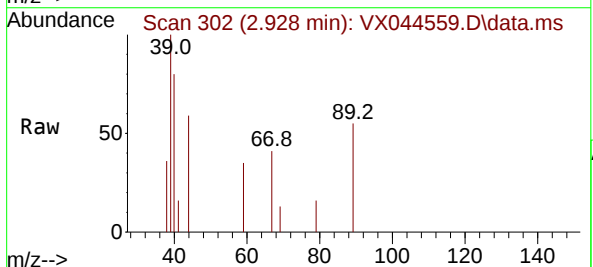
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219

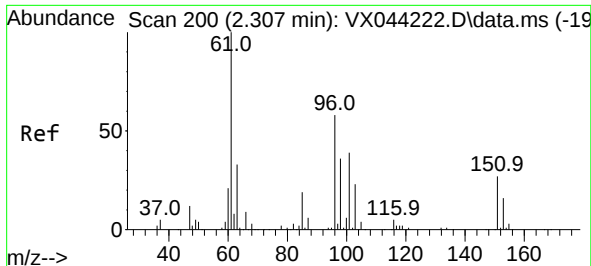
Tgt Ion:168 Resp: 114172
Ion Ratio Lower Upper
168 100
99 60.4 53.4 80.0



#11
Tert butyl alcohol
Concen: 1.085 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.067 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.359 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044559.D

Acq: 30 Dec 2024 21:11

Instrument :

MSVOA_X

ClientSampleId :

TT162S1-20241219

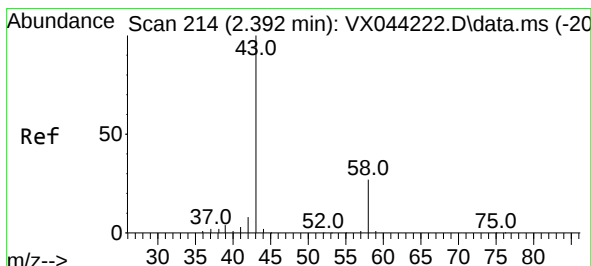
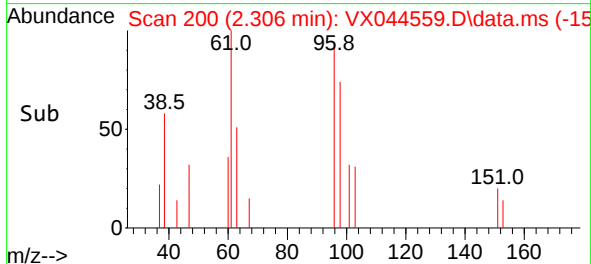
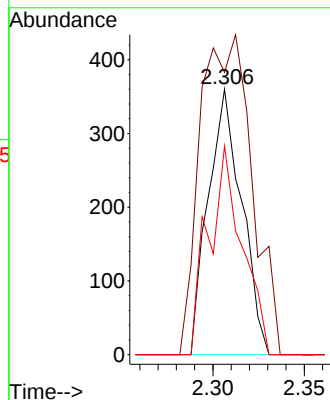
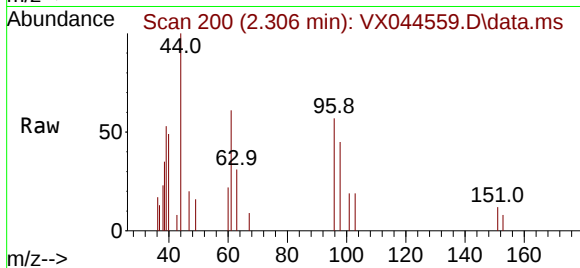
Tgt Ion: 96 Resp: 459

Ion Ratio Lower Upper

96 100

61 106.4 138.0 207.0#

98 78.6 50.0 75.0#



#16

Acetone

Concen: 1.327 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044559.D

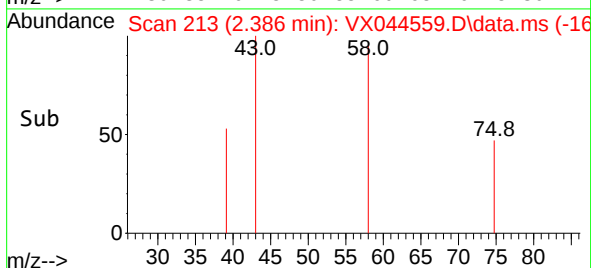
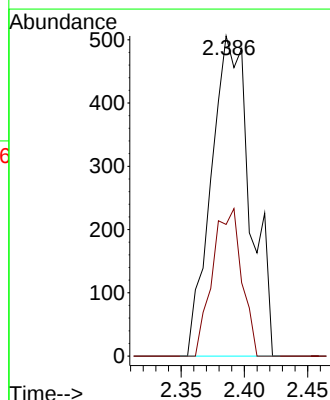
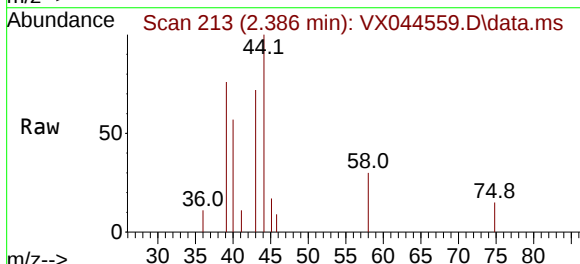
Acq: 30 Dec 2024 21:11

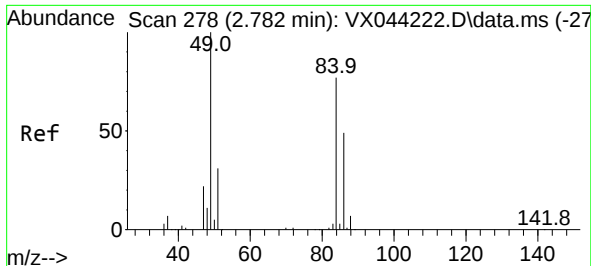
Tgt Ion: 43 Resp: 1083

Ion Ratio Lower Upper

43 100

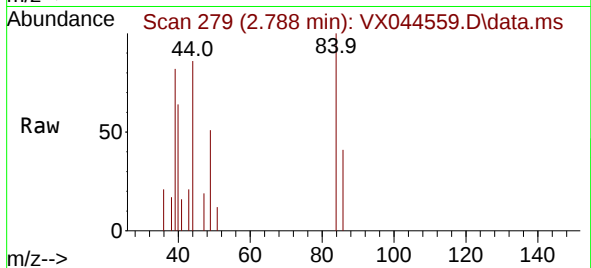
58 41.1 21.6 32.4#





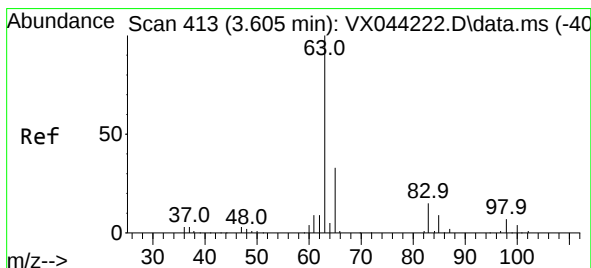
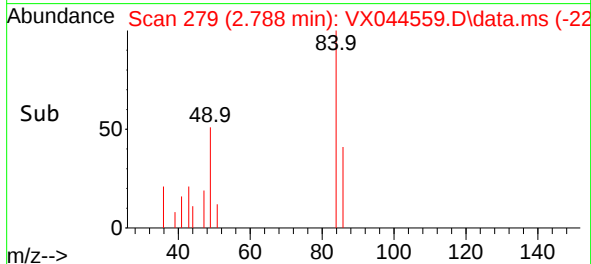
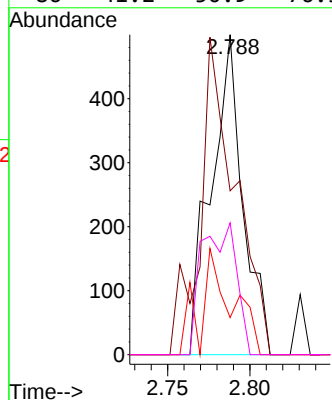
#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219



Tgt Ion: 84 Resp: 671

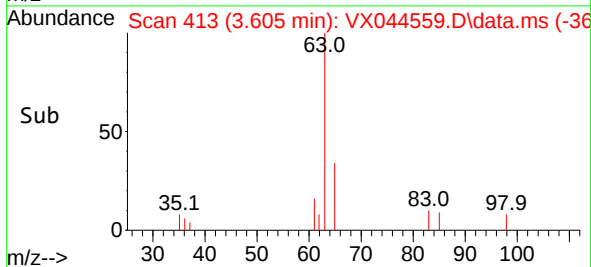
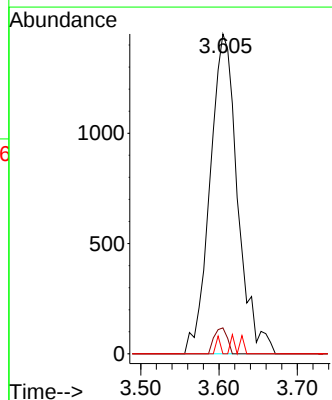
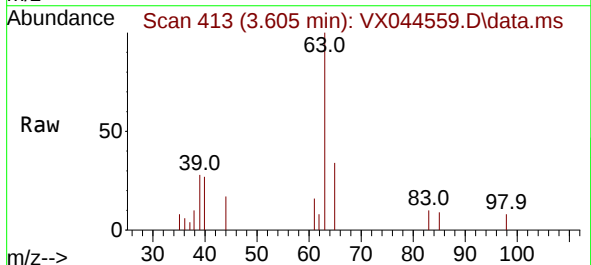
Ion	Ratio	Lower	Upper
84	100		
49	51.2	104.2	156.4#
51	11.6	32.2	48.4#
86	41.2	50.9	76.3#

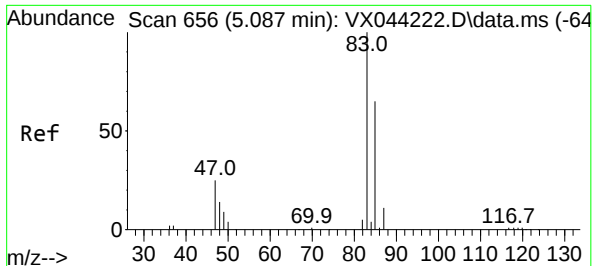


#24
1,1-Dichloroethane
Concen: 1.324 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Tgt Ion: 63 Resp: 3543

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.6	10.8
100	0.0	2.1	6.3#





#30

Chloroform

Concen: 0.462 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX044559.D

Acq: 30 Dec 2024 21:11

Instrument :

MSVOA_X

ClientSampleId :

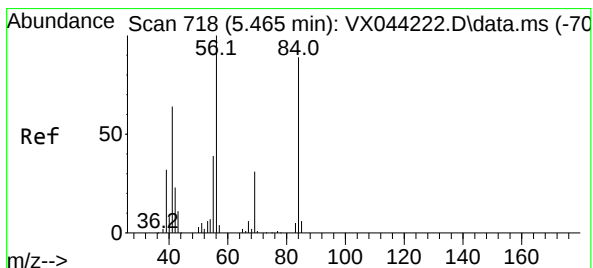
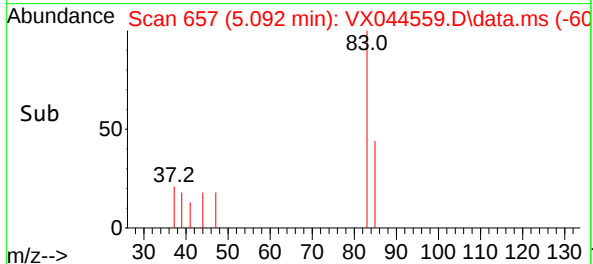
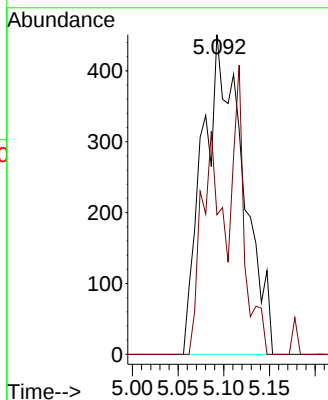
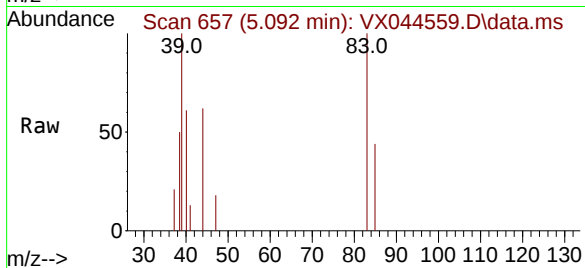
TT162S1-20241219

Tgt Ion: 83 Resp: 1390

Ion Ratio Lower Upper

83 100

85 43.7 51.6 77.4#



#31

Cyclohexane

Concen: 1.366 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX044559.D

Acq: 30 Dec 2024 21:11

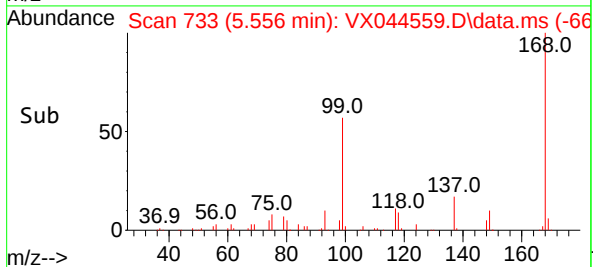
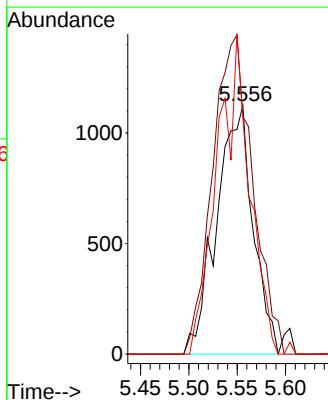
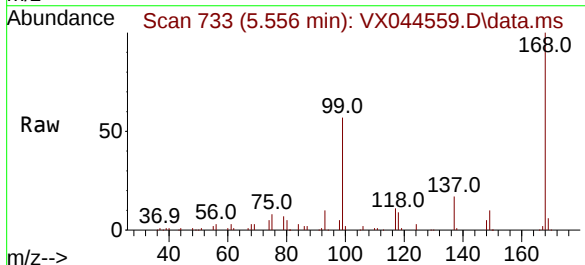
Tgt Ion: 56 Resp: 2951

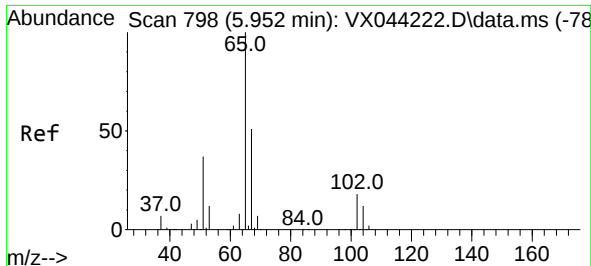
Ion Ratio Lower Upper

56 100

69 95.5 24.7 37.1#

84 95.7 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 45.071 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044559.D

Acq: 30 Dec 2024 21:11

Instrument :

MSVOA_X

ClientSampleId :

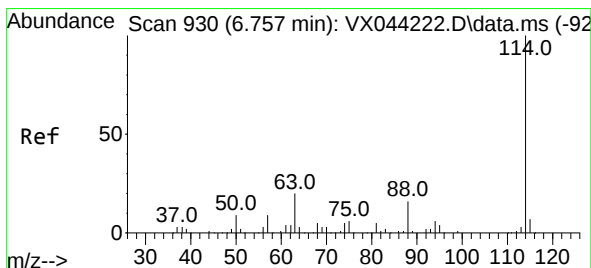
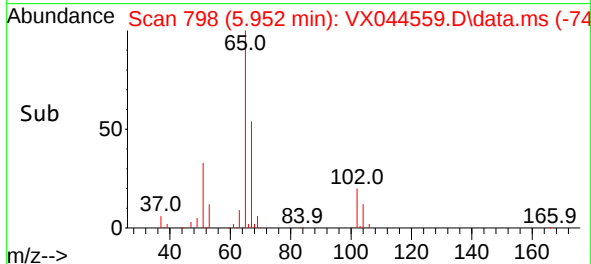
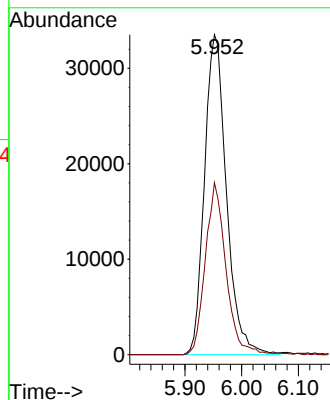
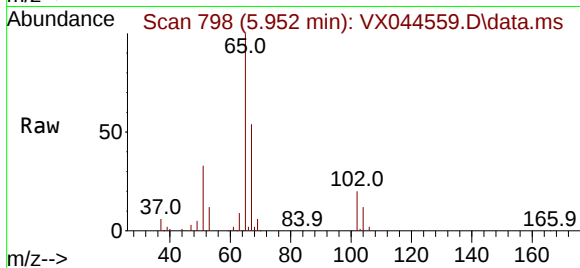
TT162S1-20241219

Tgt Ion: 65 Resp: 90224

Ion Ratio Lower Upper

65 100

67 50.4 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: VX044559.D

Acq: 30 Dec 2024 21:11

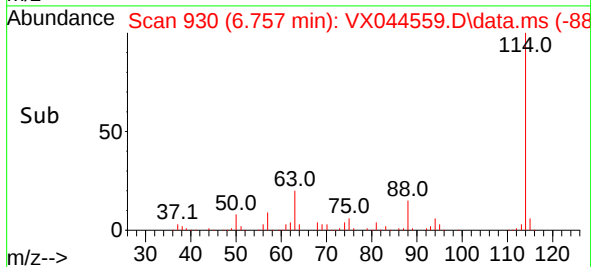
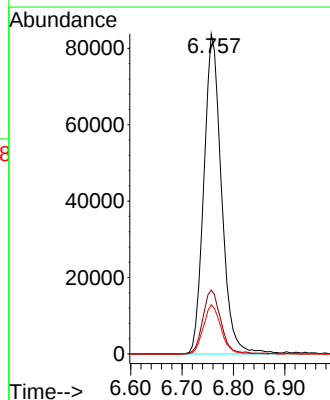
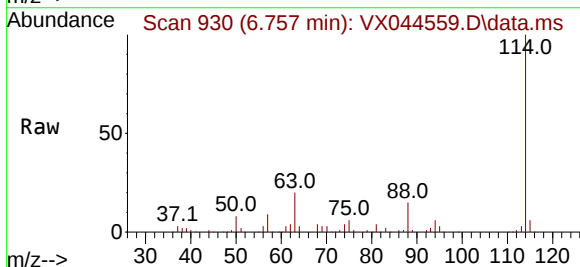
Tgt Ion: 114 Resp: 199344

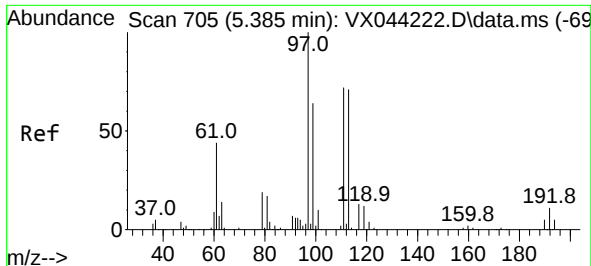
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044559.D

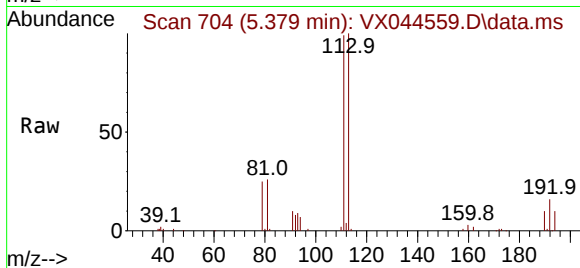
Acq: 30 Dec 2024 21:11

Instrument :

MSVOA_X

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TT162S1-20241219



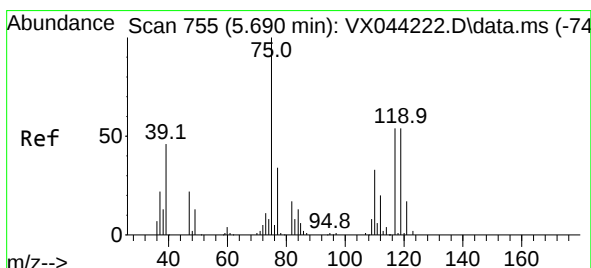
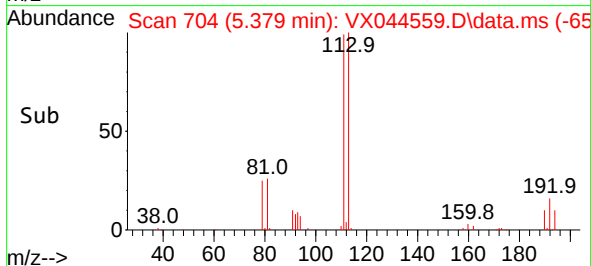
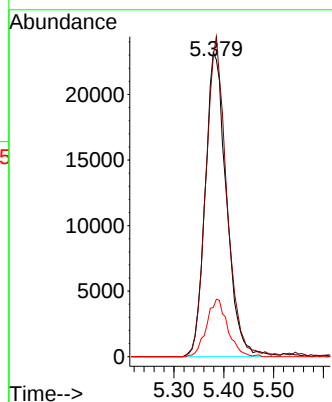
Tgt Ion:113 Resp: 68868

Ion Ratio Lower Upper

113 100

111 102.6 80.4 120.6

192 18.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.022 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX044559.D

Acq: 30 Dec 2024 21:11

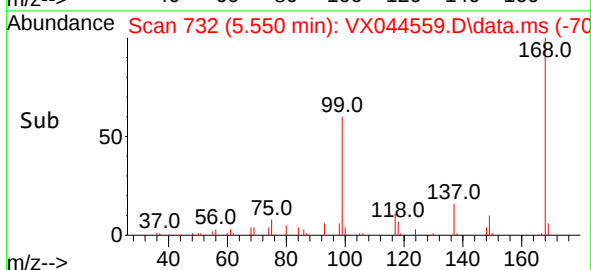
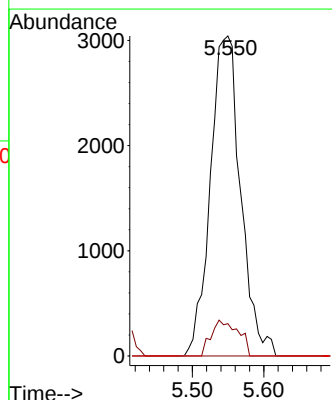
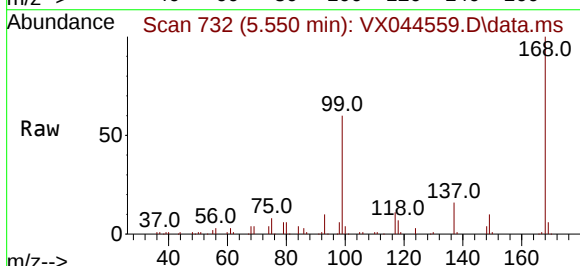
Tgt Ion: 75 Resp: 8962

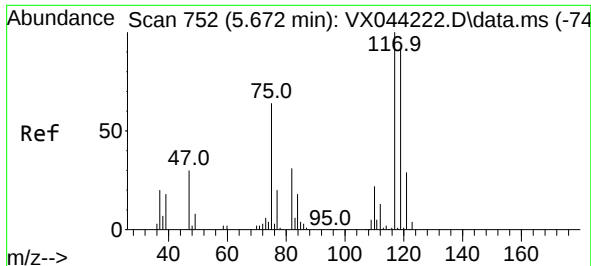
Ion Ratio Lower Upper

75 100

110 10.0 17.3 51.7#

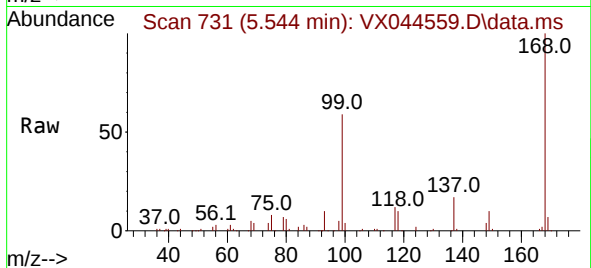
77 0.0 25.4 38.0#



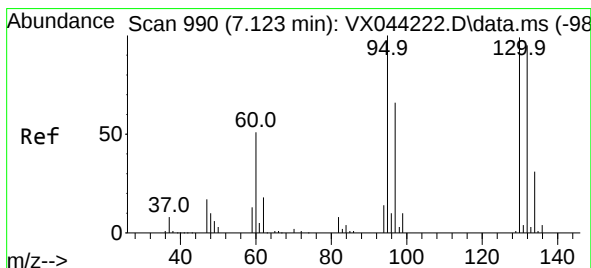
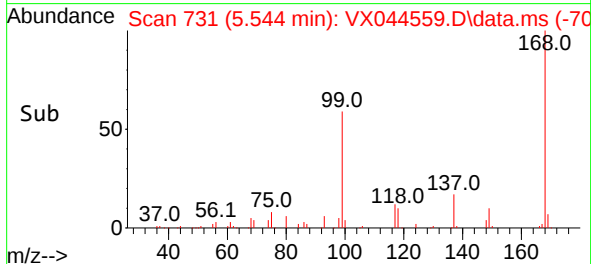
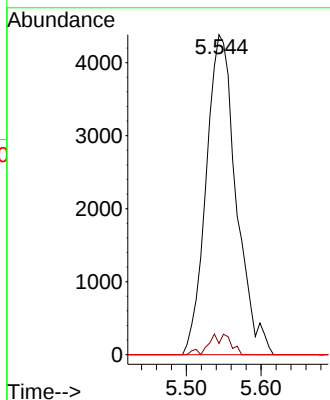


#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219

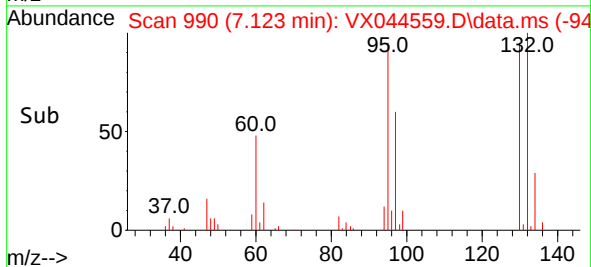
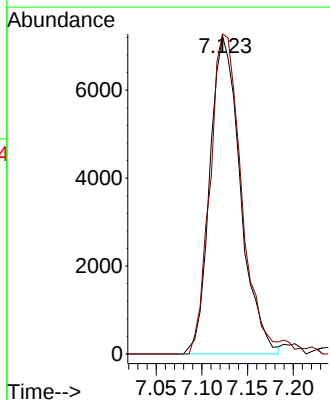
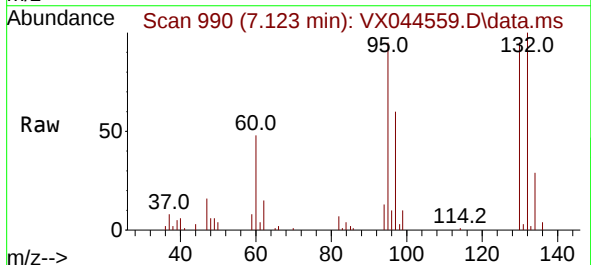


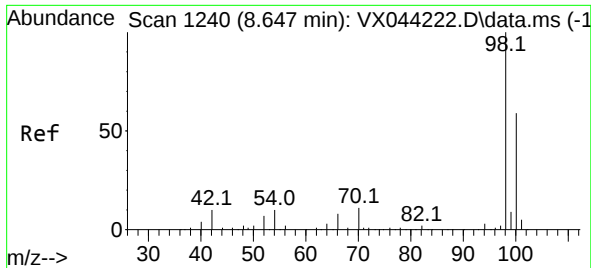
Tgt Ion:117 Resp: 12275
Ion Ratio Lower Upper
117 100
119 3.5 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 12.381 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Tgt Ion:130 Resp: 16730
Ion Ratio Lower Upper
130 100
95 100.6 0.0 201.4

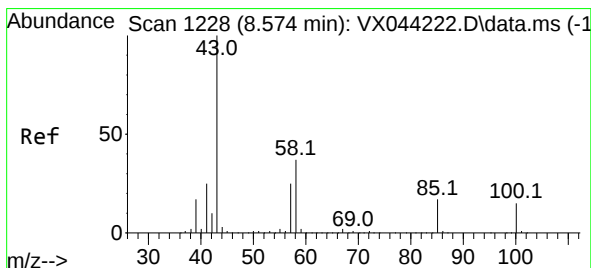
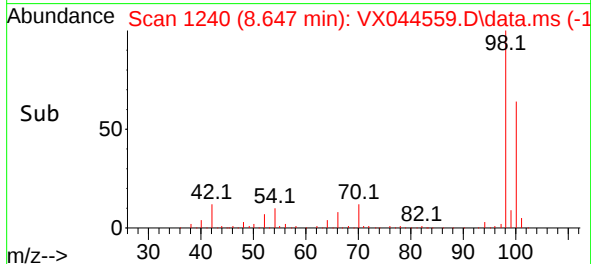
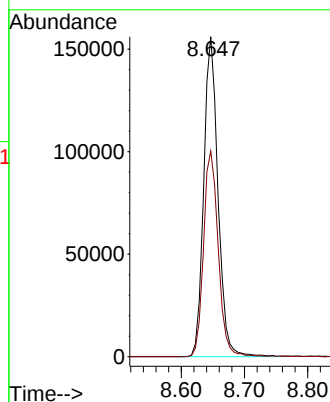
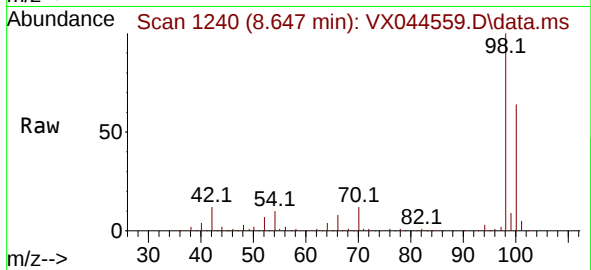




#50
Toluene-d8
Concen: 52.705 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

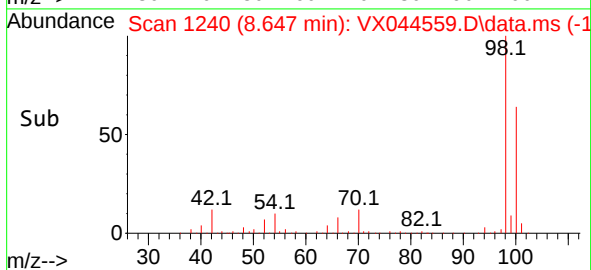
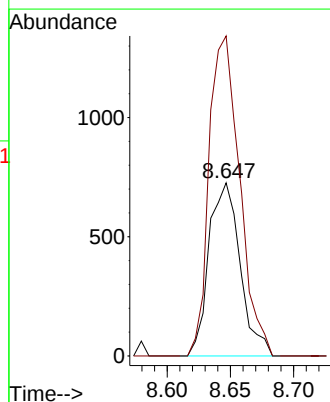
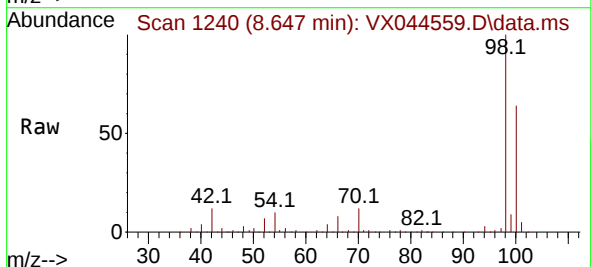
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219

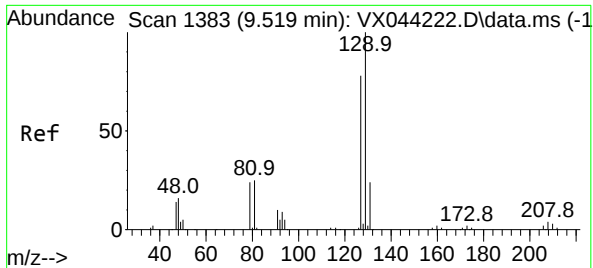
Tgt Ion: 98 Resp: 245495
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 181.4 29.4 44.0#

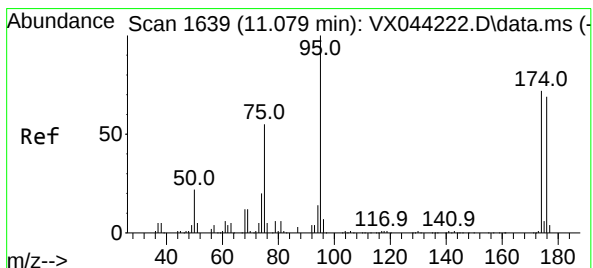
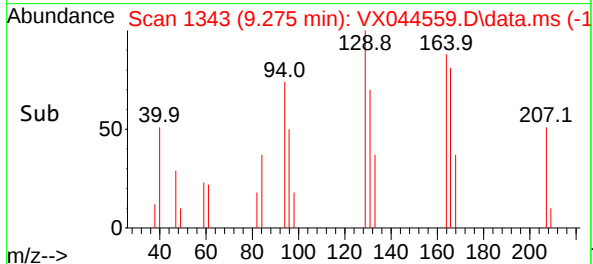
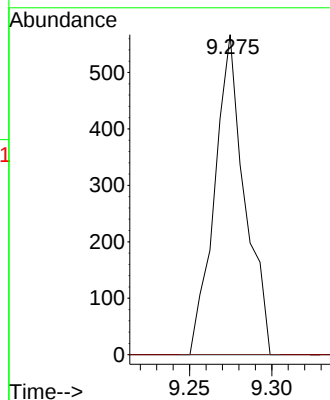
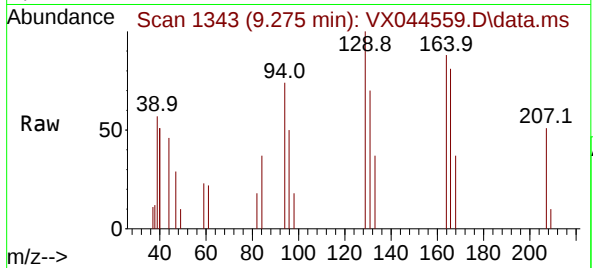




#60
Dibromochloromethane
Concen: 1.746 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

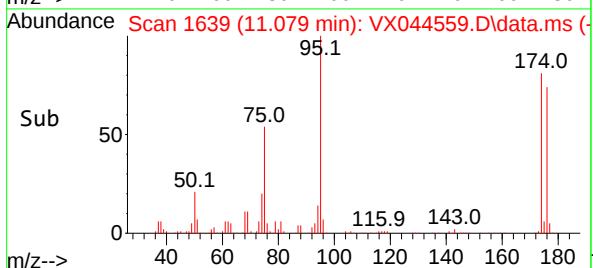
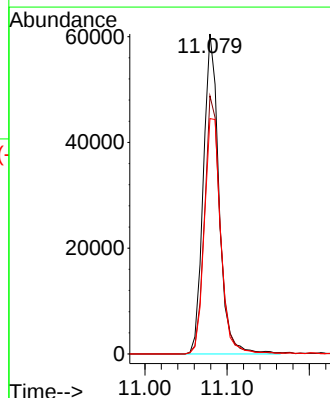
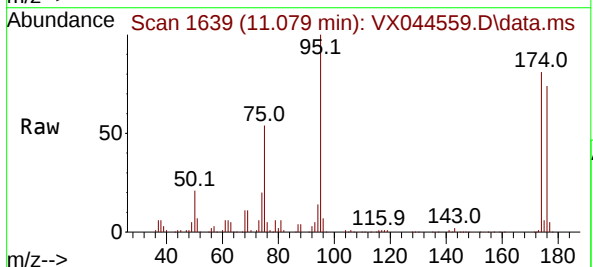
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219

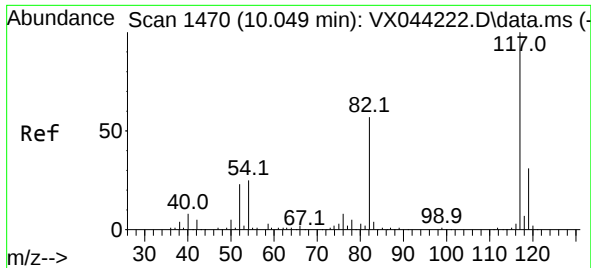
Tgt Ion:129 Resp: 722
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 49.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Tgt Ion: 95 Resp: 79780
Ion Ratio Lower Upper
95 100
174 81.6 0.0 145.8
176 77.8 0.0 137.8

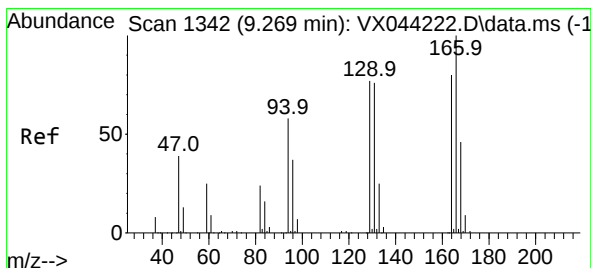
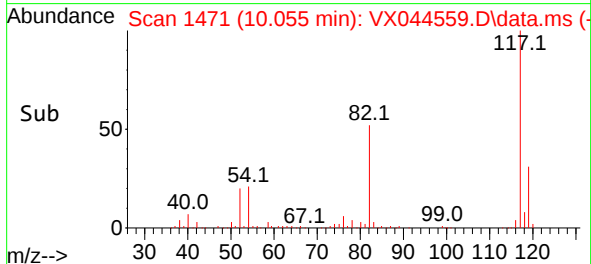
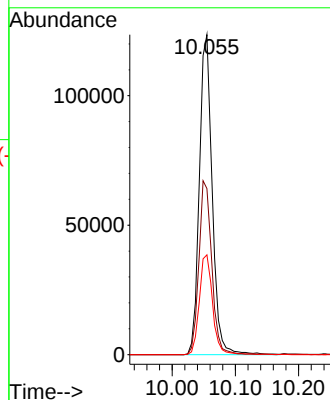
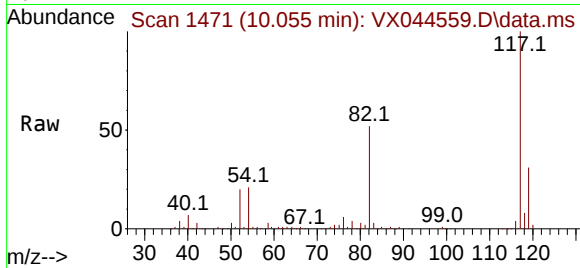




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

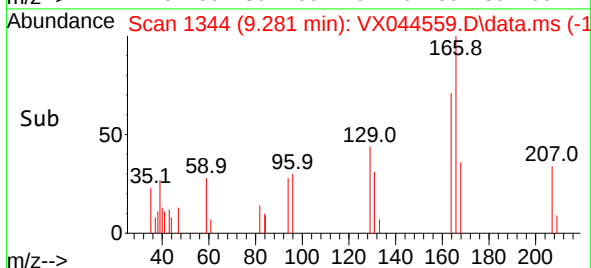
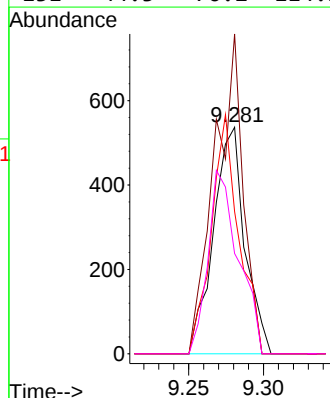
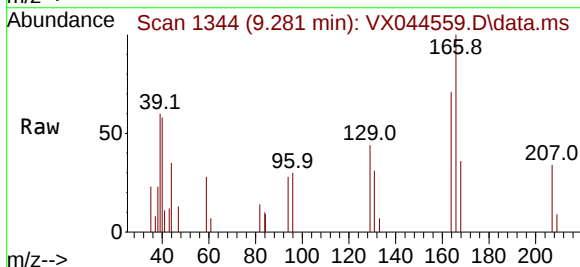
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219

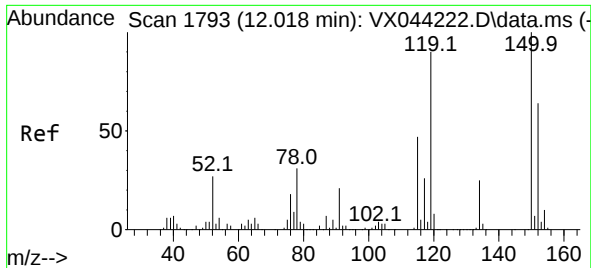
Tgt Ion:117 Resp: 174896
Ion Ratio Lower Upper
117 100
82 51.9 45.8 68.8
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 0.675 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Tgt Ion:164 Resp: 784
Ion Ratio Lower Upper
164 100
166 141.2 100.4 150.6
129 62.8 77.2 115.8#
131 44.3 76.2 114.2#

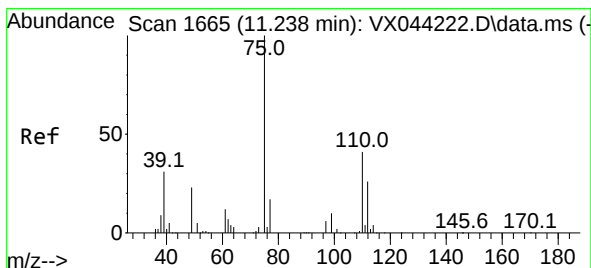
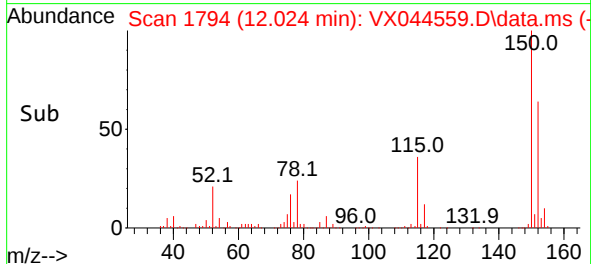
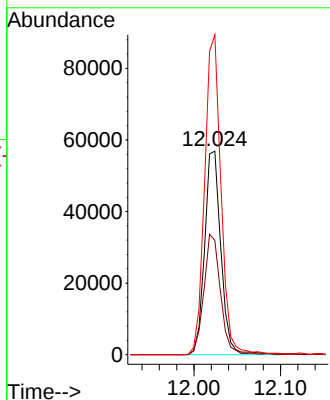
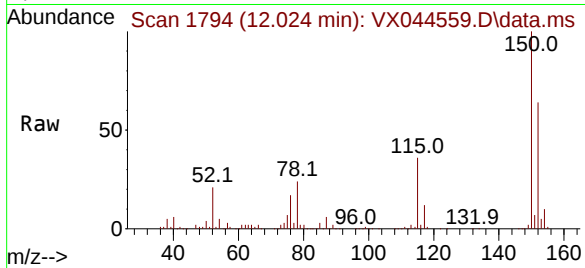




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX044559.D
 Acq: 30 Dec 2024 21:11

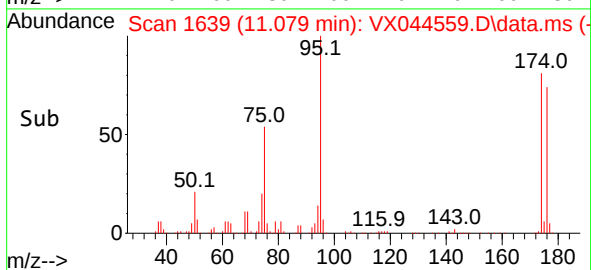
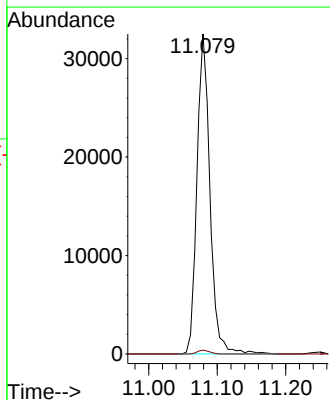
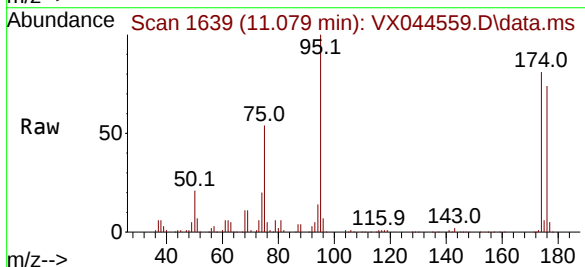
Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20241219

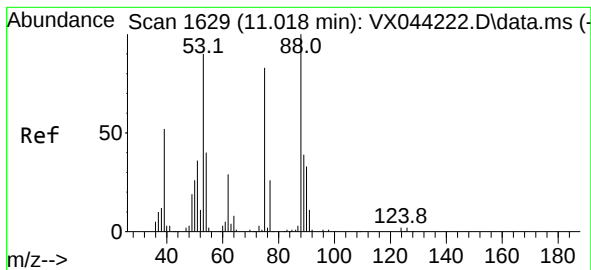
Tgt Ion:152 Resp: 74318
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.5 133.3
 150 157.9 0.0 353.8



#76
 1,2,3-Trichloropropane
 Concen: 25.921 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044559.D
 Acq: 30 Dec 2024 21:11

Tgt Ion: 75 Resp: 43012
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.568 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044559.D
Acq: 30 Dec 2024 21:11

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20241219

Tgt Ion: 75 Resp: 43012
Ion Ratio Lower Upper
75 100
53 0.1 93.6 140.4#
89 0.0 37.3 55.9#

