

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044551.D
 Acq On : 30 Dec 2024 18:05
 Operator : JC/MD
 Sample : P5376-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20241218

Quant Time: Dec 31 00:34:43 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)

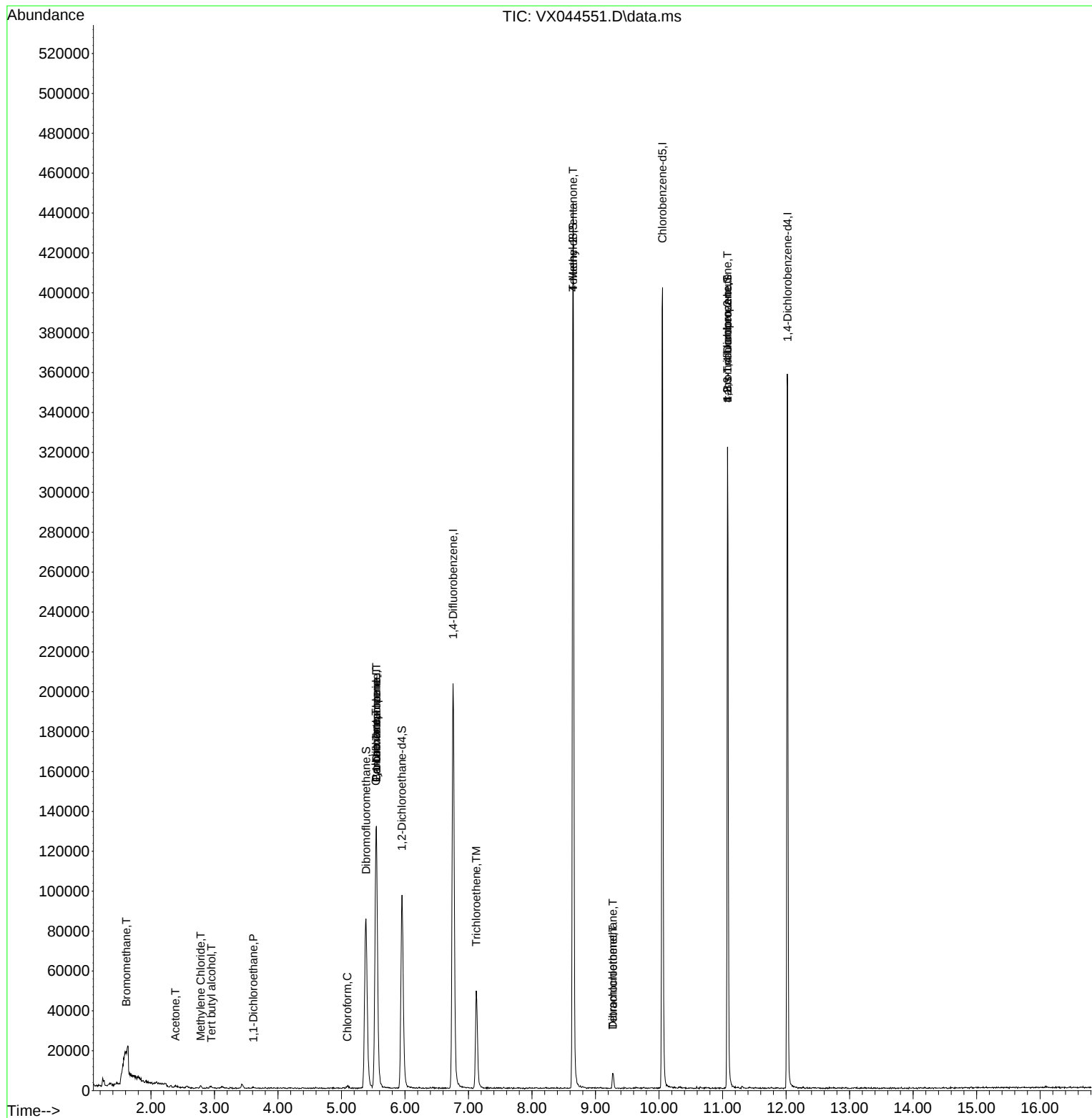
Internal Standards						
1) Pentafluorobenzene	5.549	168	123263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	213060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93869	43.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.860%
35) Dibromofluoromethane	5.385	113	73175	49.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	8.646	98	260671	52.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	11.079	95	82386	47.360	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	614	0.456	ug/l #	36
11) Tert butyl alcohol	2.952	59	305	1.001	ug/l #	71
16) Acetone	2.385	43	1245	1.413	ug/l	96
20) Methylene Chloride	2.782	84	780	0.471	ug/l #	64
24) 1,1-Dichloroethane	3.611	63	627	0.217	ug/l #	82
30) Chloroform	5.092	83	1332	0.410	ug/l	95
31) Cyclohexane	5.543	56	2898	1.242	ug/l #	45
36) 1,1-Dichloropropene	5.549	75	10259	5.378	ug/l #	50
38) Carbon Tetrachloride	5.549	117	13223	6.439	ug/l #	17
44) Trichloroethene	7.122	130	18376	12.724	ug/l	87
51) 4-Methyl-2-Pentanone	8.646	43	1375	0.580	ug/l #	1
60) Dibromochloromethane	9.274	129	1352	2.132	ug/l #	11
64) Tetrachloroethene	9.274	164	1431	1.183	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	44331	25.904	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44331	71.525	ug/l #	4

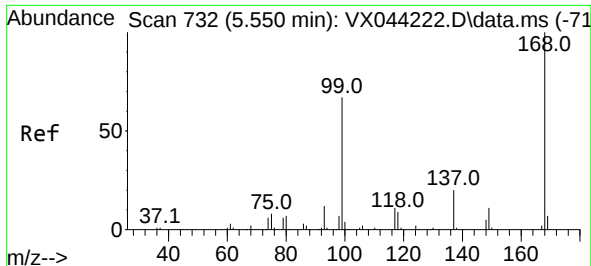
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
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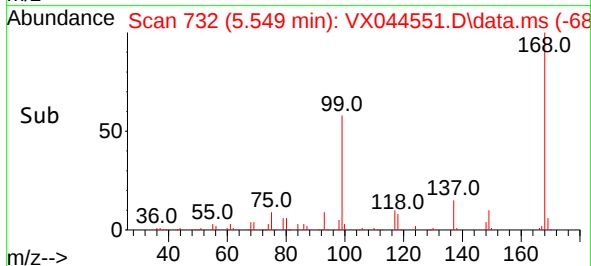
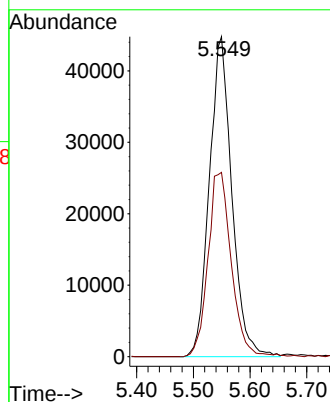
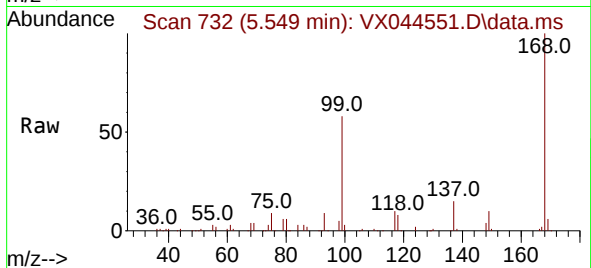




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

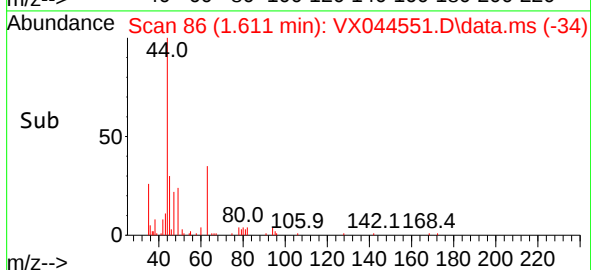
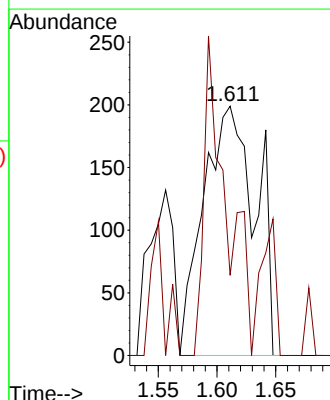
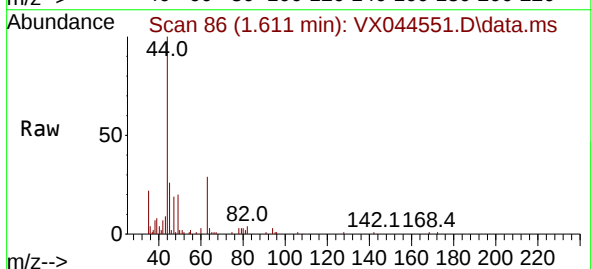
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

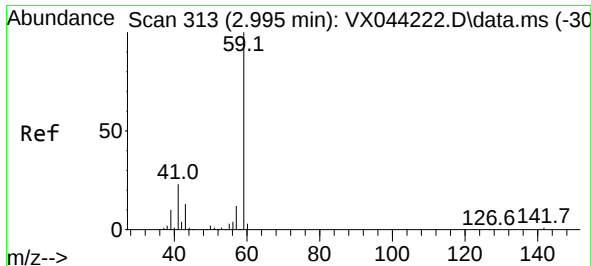
Tgt Ion:168 Resp: 123263
Ion Ratio Lower Upper
168 100
99 57.6 53.4 80.0



#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 32.2 74.9 112.3#

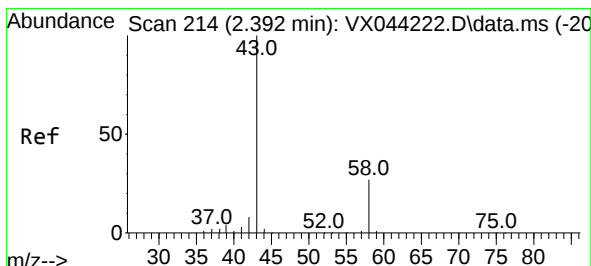
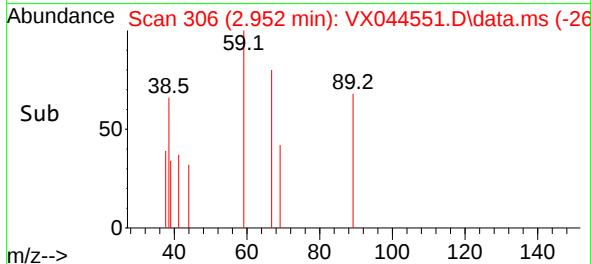
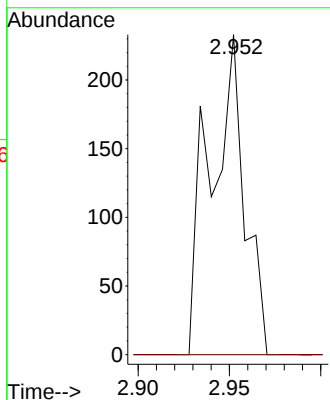
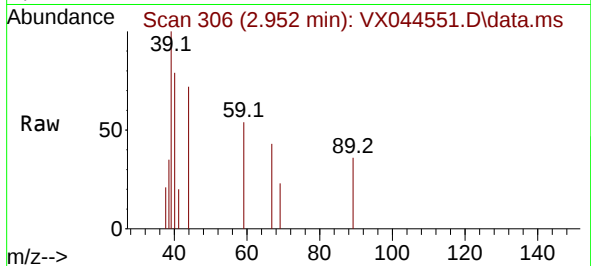




#11
Tert butyl alcohol
Concen: 1.001 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

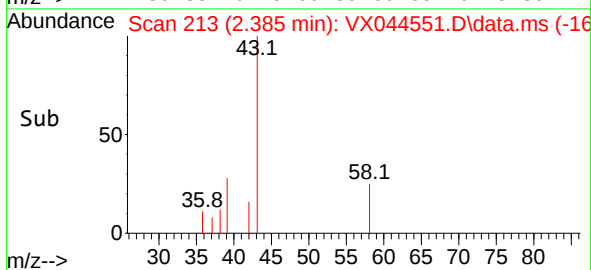
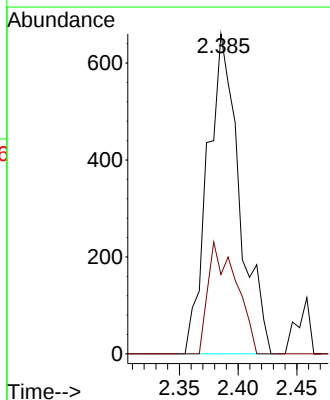
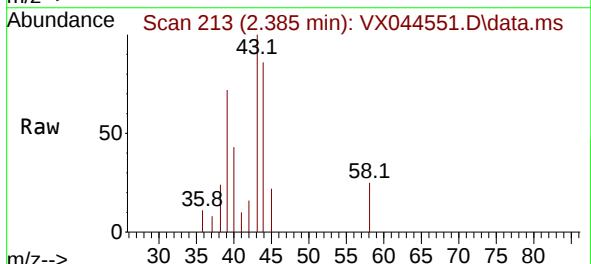
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

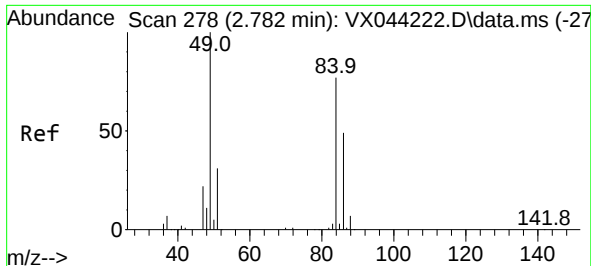
Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.413 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

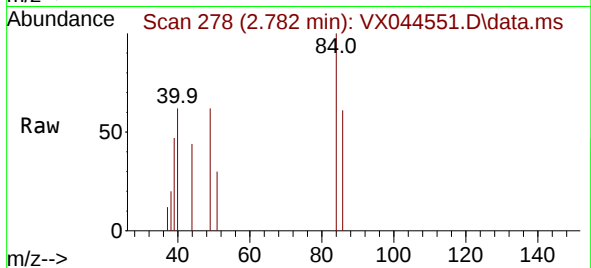
Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 24.8 21.6 32.4



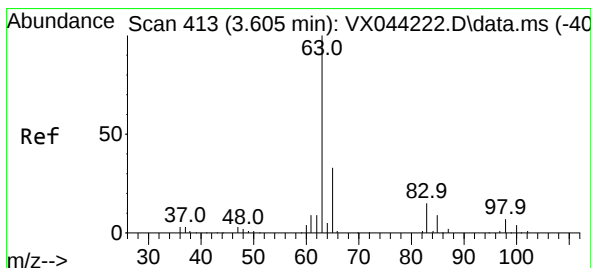
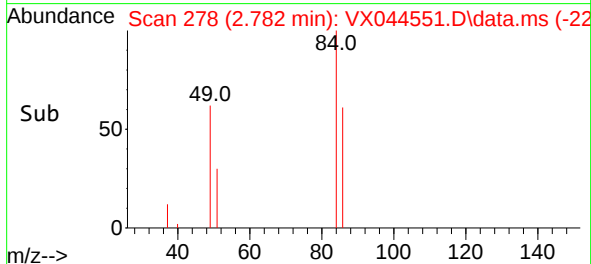
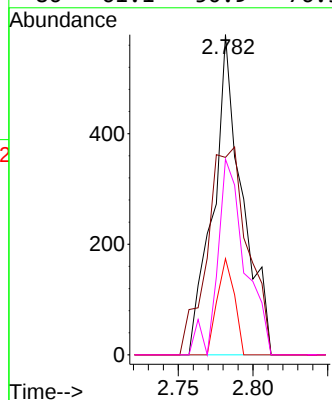


#20
Methylene Chloride
Concen: 0.471 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

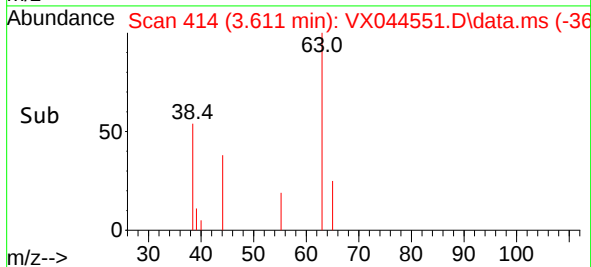
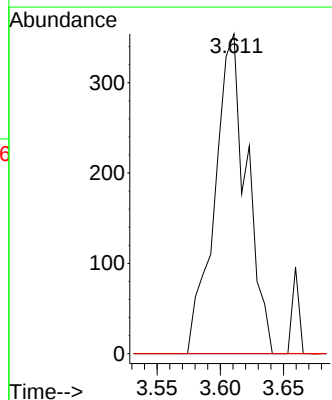
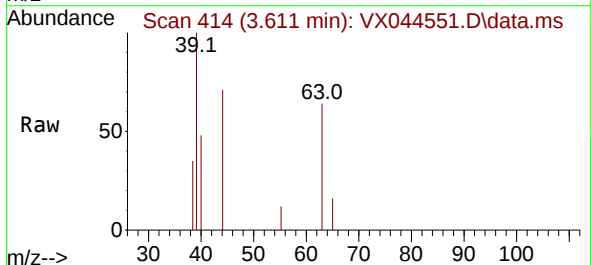


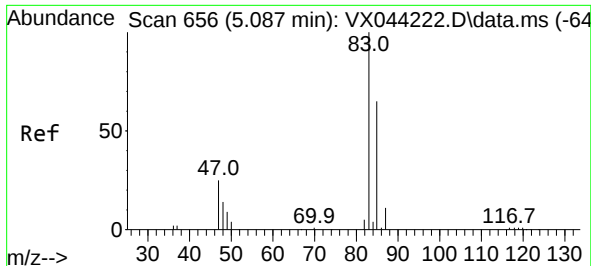
Tgt Ion:	84	Resp:	780
Ion	Ratio	Lower	Upper
84	100		
49	61.7	104.2	156.4#
51	30.1	32.2	48.4#
86	61.1	50.9	76.3



#24
1,1-Dichloroethane
Concen: 0.217 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Tgt Ion:	63	Resp:	627
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.8#
100	0.0	2.1	6.3#





#30

Chloroform

Concen: 0.410 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX044551.D

Acq: 30 Dec 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

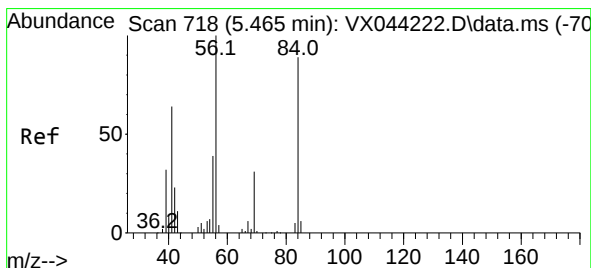
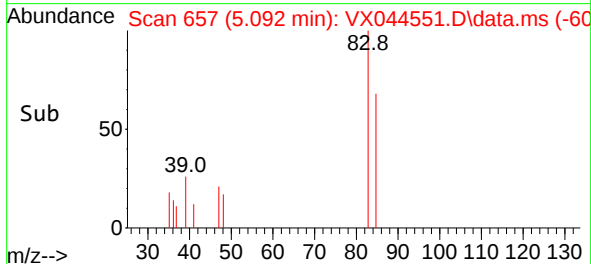
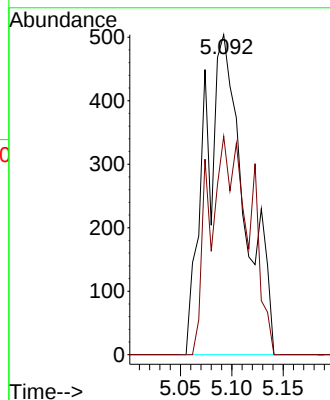
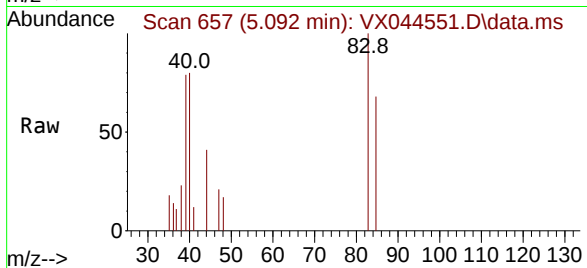
TT150S1-20241218

Tgt Ion: 83 Resp: 1332

Ion Ratio Lower Upper

83 100

85 68.3 51.6 77.4



#31

Cyclohexane

Concen: 1.242 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX044551.D

Acq: 30 Dec 2024 18:05

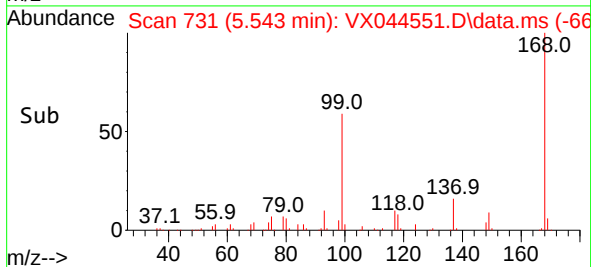
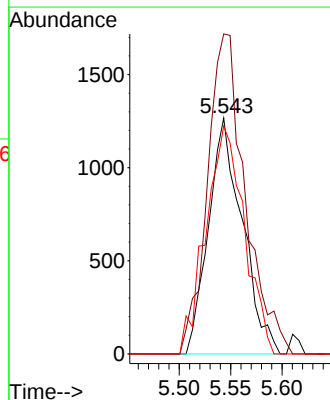
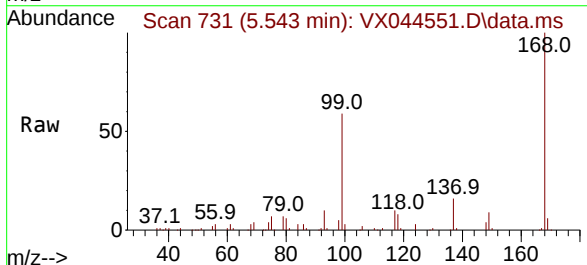
Tgt Ion: 56 Resp: 2898

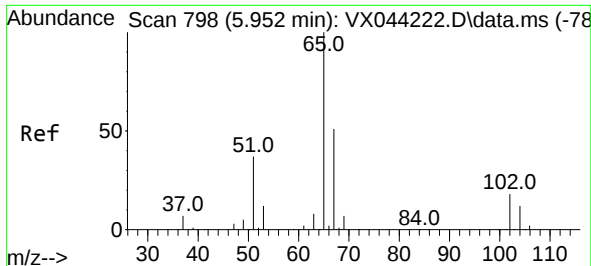
Ion Ratio Lower Upper

56 100

69 135.7 24.7 37.1#

84 96.6 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 43.434 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044551.D

Acq: 30 Dec 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

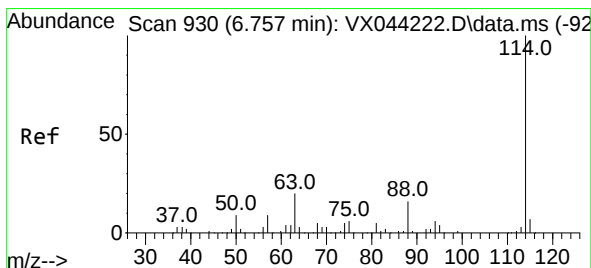
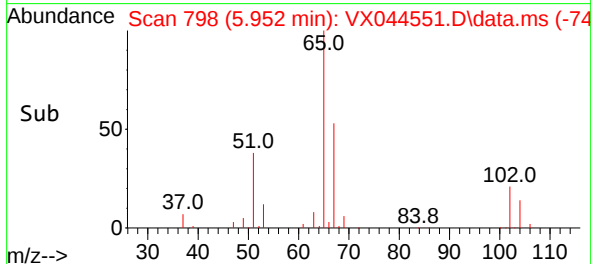
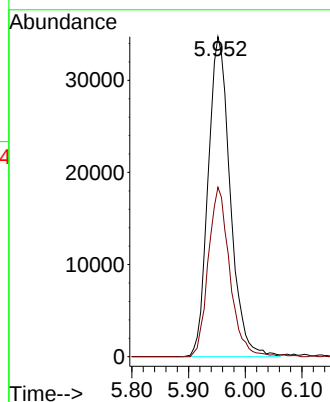
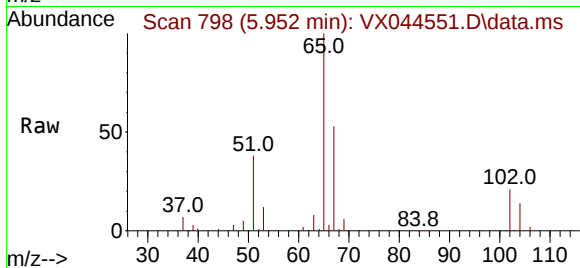
TT150S1-20241218

Tgt Ion: 65 Resp: 93869

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.001 min

Lab File: VX044551.D

Acq: 30 Dec 2024 18:05

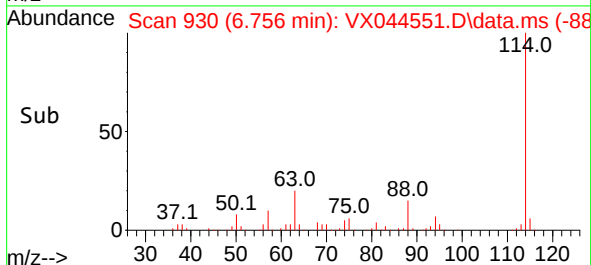
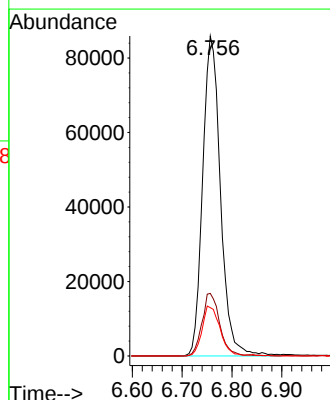
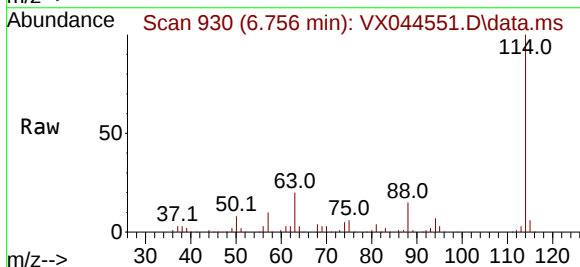
Tgt Ion: 114 Resp: 213060

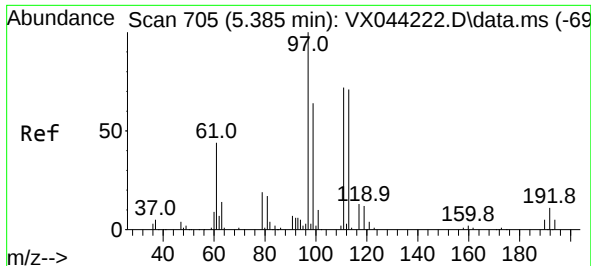
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 15.1 0.0 31.8

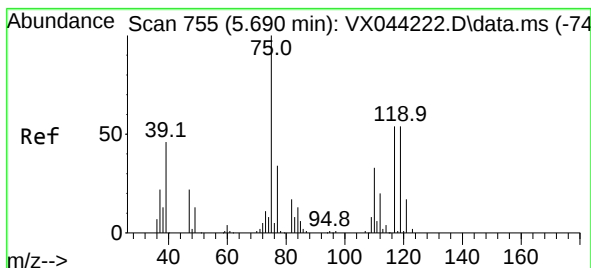
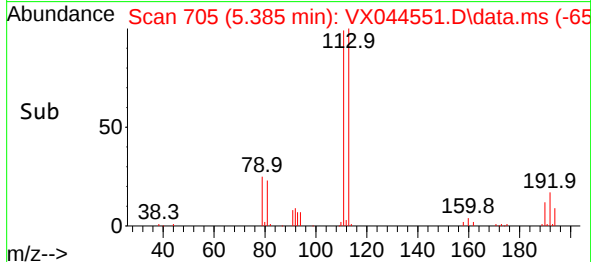
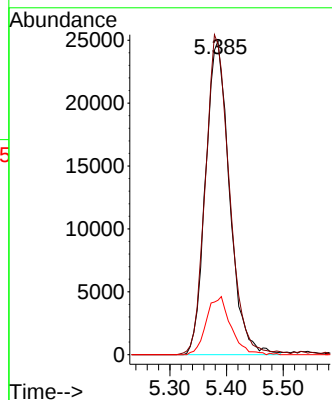
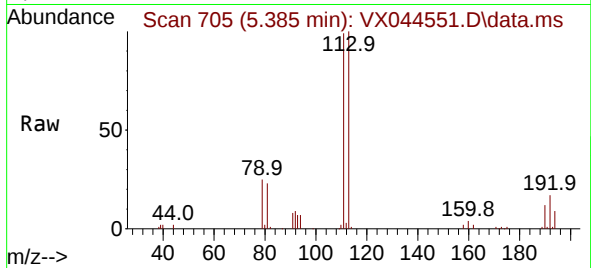




#35
Dibromofluoromethane
Concen: 49.589 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

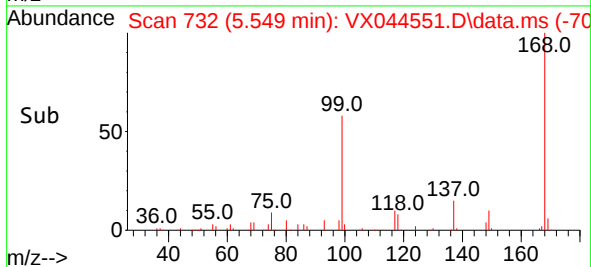
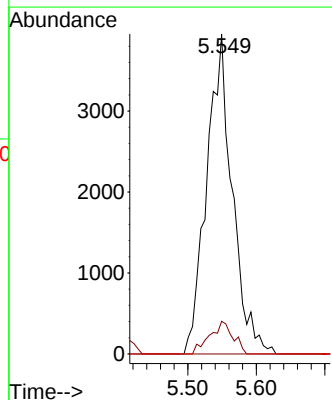
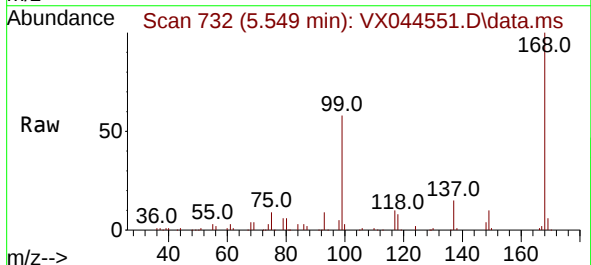
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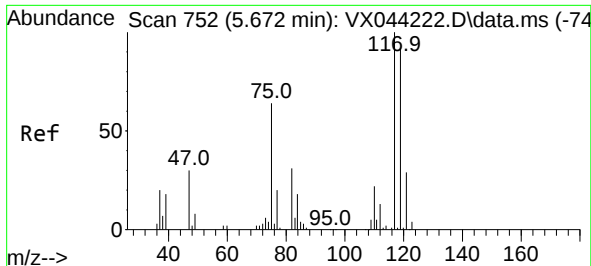
Tgt Ion:113 Resp: 73175
Ion Ratio Lower Upper
113 100
111 102.3 80.4 120.6
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.378 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

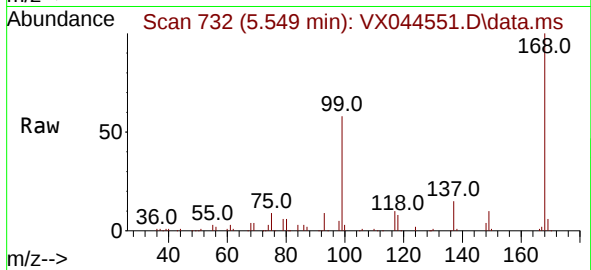
Tgt Ion: 75 Resp: 10259
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.7#
77 0.0 25.4 38.0#



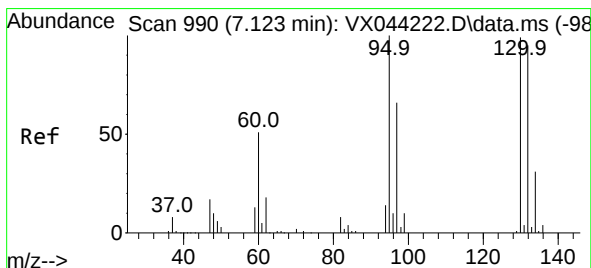
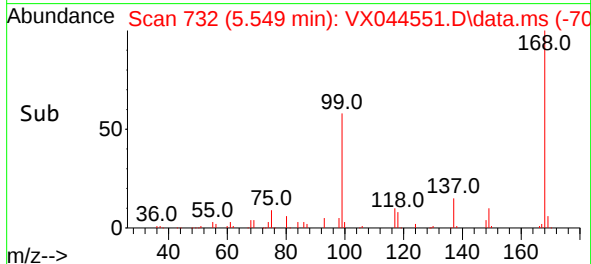
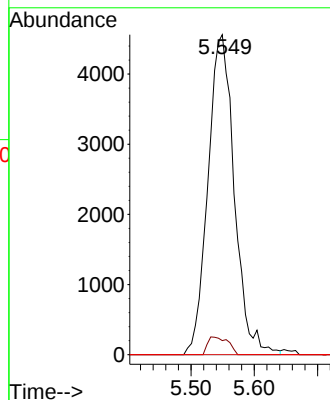


#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

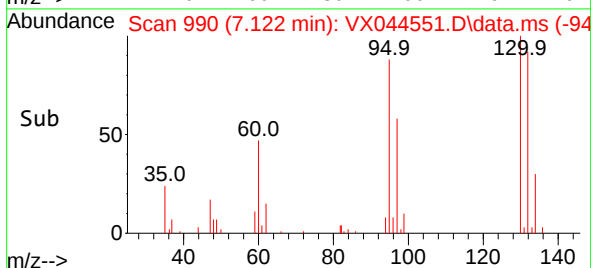
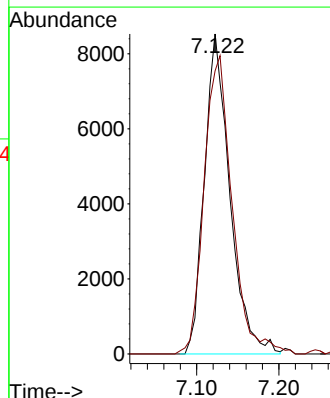
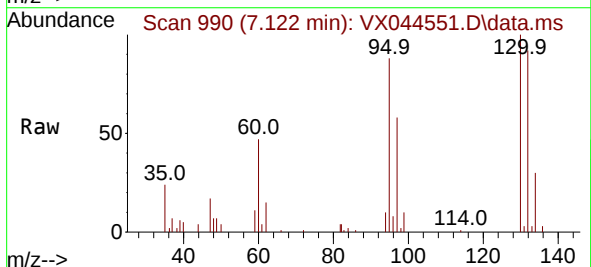


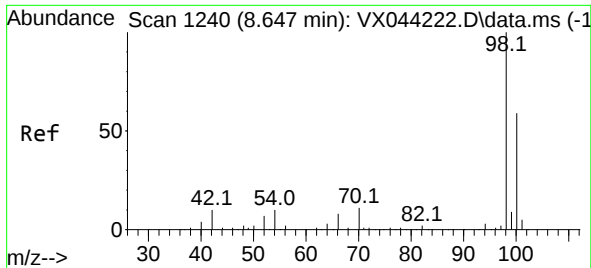
Tgt Ion:117 Resp: 13223
Ion Ratio Lower Upper
117 100
119 4.4 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 12.724 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Tgt Ion:130 Resp: 18376
Ion Ratio Lower Upper
130 100
95 87.5 0.0 201.4

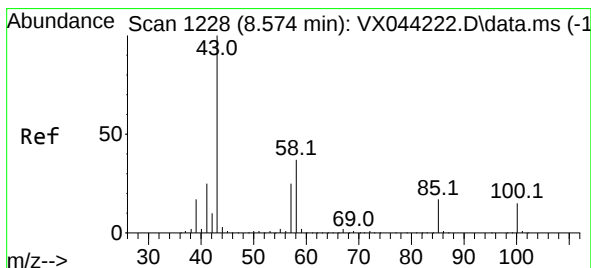
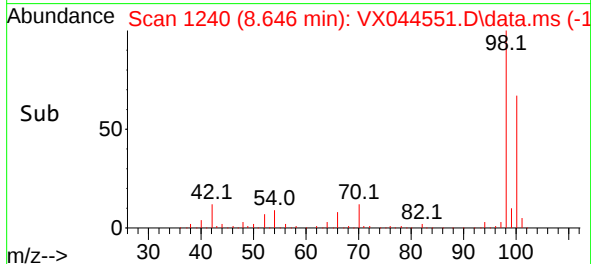
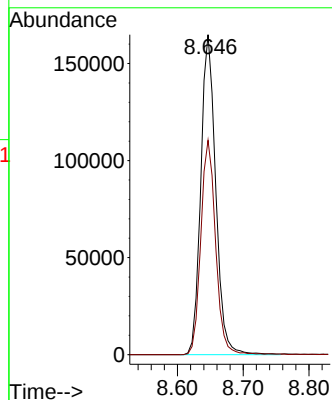
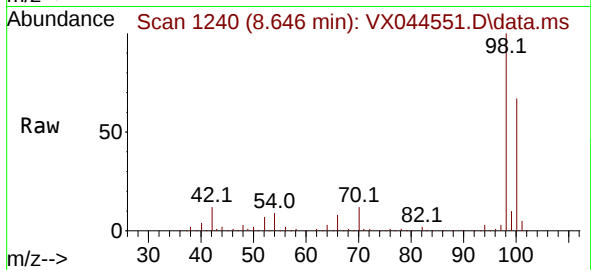




#50
Toluene-d8
Concen: 52.361 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

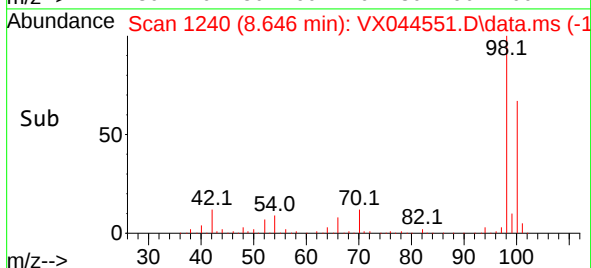
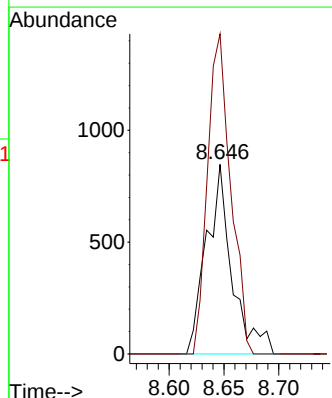
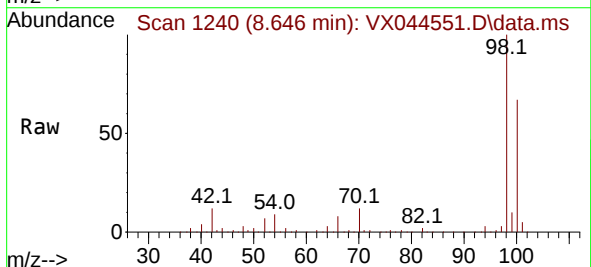
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

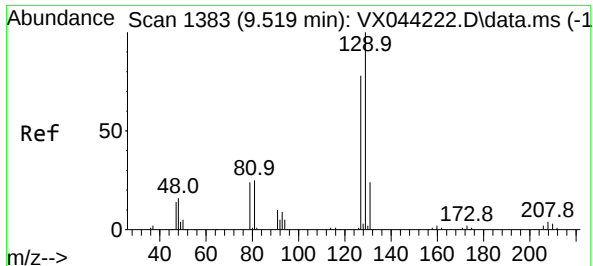
Tgt Ion: 98 Resp: 260671
Ion Ratio Lower Upper
98 100
100 66.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 153.0 29.4 44.0#

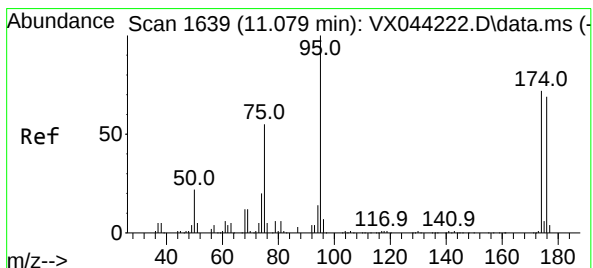
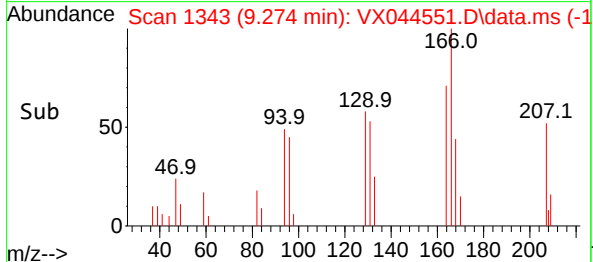
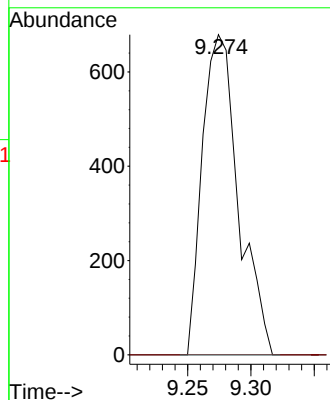
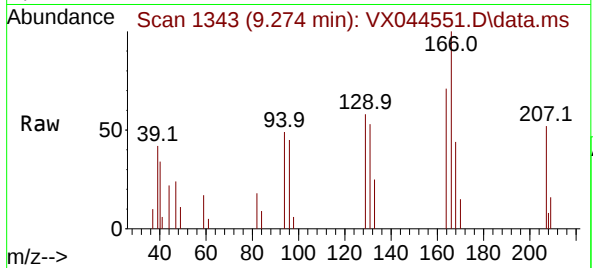




#60
Dibromochloromethane
Concen: 2.132 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

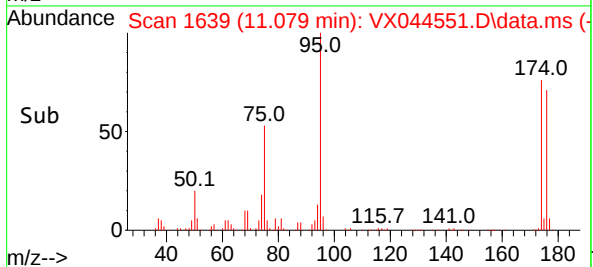
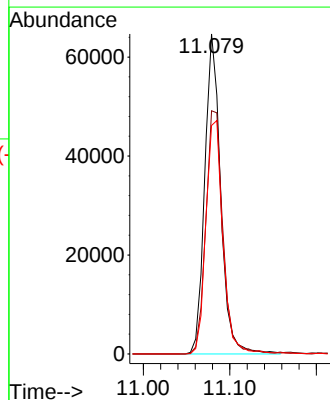
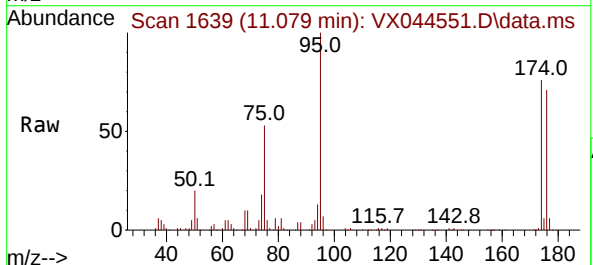
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

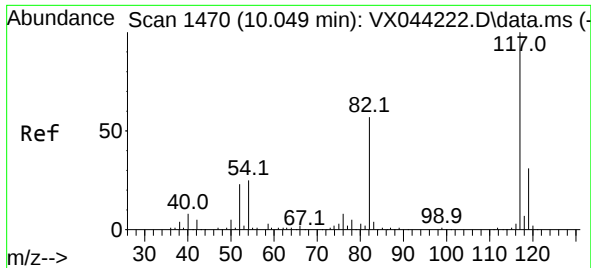
Tgt Ion:129 Resp: 1352
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Tgt Ion: 95 Resp: 82386
Ion Ratio Lower Upper
95 100
174 82.1 0.0 145.8
176 78.6 0.0 137.8

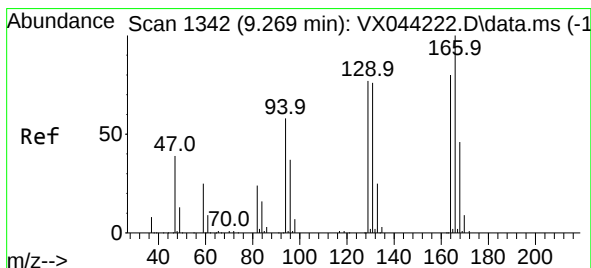
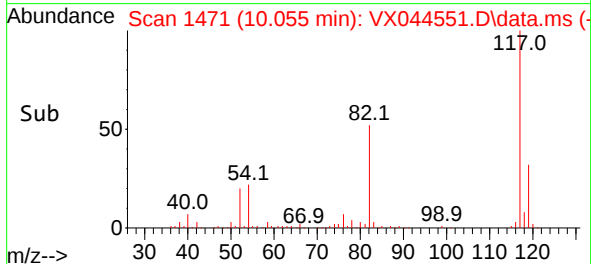
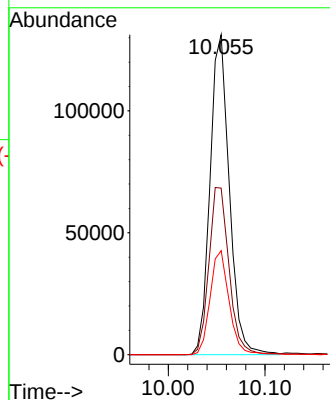
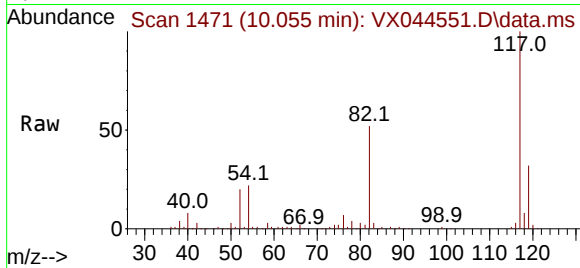




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

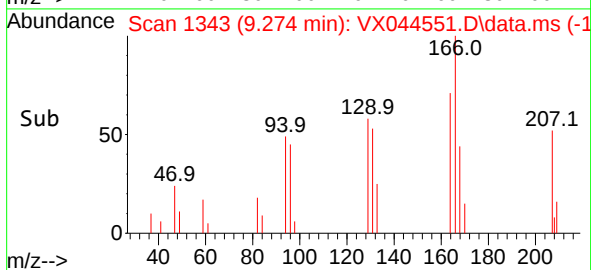
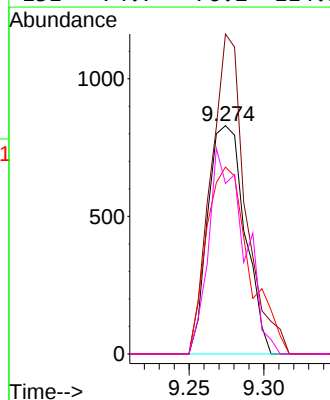
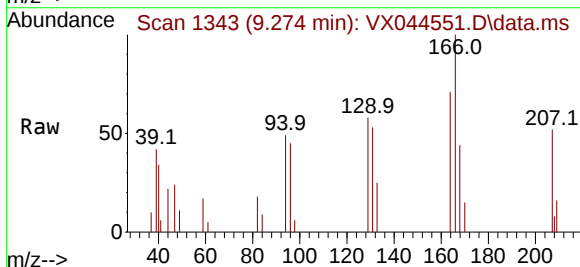
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20241218

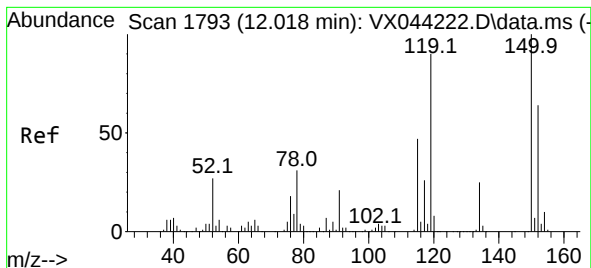
Tgt Ion:117 Resp: 182287
Ion Ratio Lower Upper
117 100
82 52.1 45.8 68.8
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 1.183 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044551.D
Acq: 30 Dec 2024 18:05

Tgt Ion:164 Resp: 1431
Ion Ratio Lower Upper
164 100
166 140.1 100.4 150.6
129 81.8 77.2 115.8
131 74.7 76.2 114.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044551.D

Acq: 30 Dec 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20241218

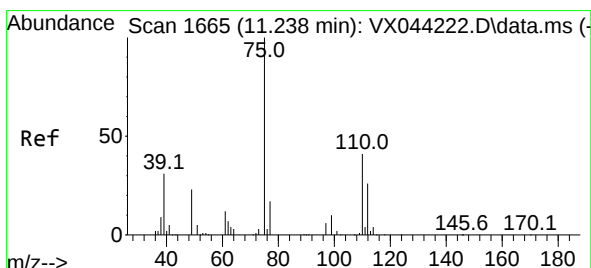
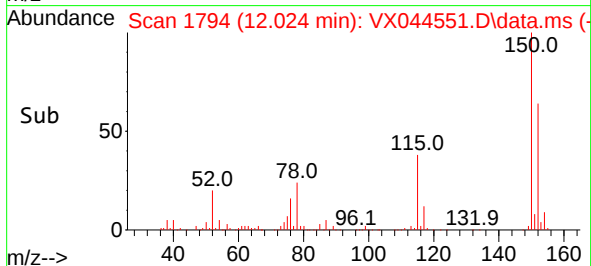
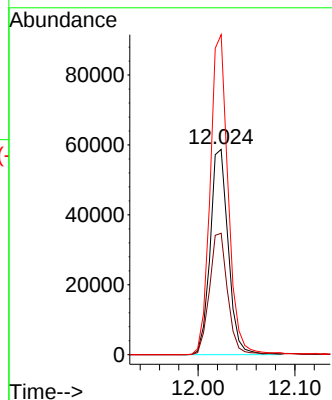
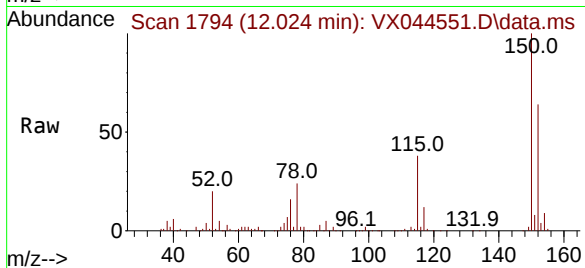
Tgt Ion:152 Resp: 76648

Ion Ratio Lower Upper

152 100

115 59.6 44.5 133.3

150 154.9 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 25.904 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044551.D

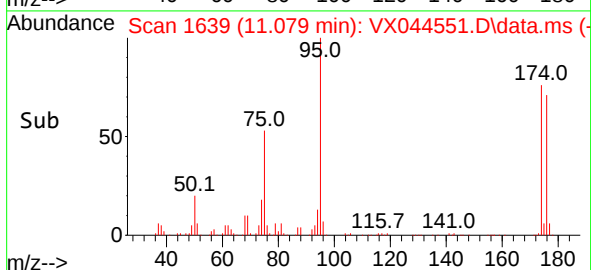
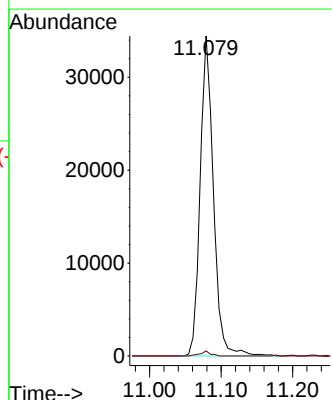
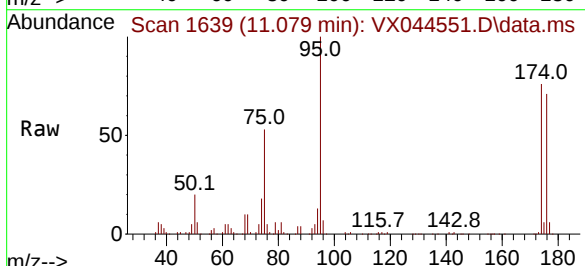
Acq: 30 Dec 2024 18:05

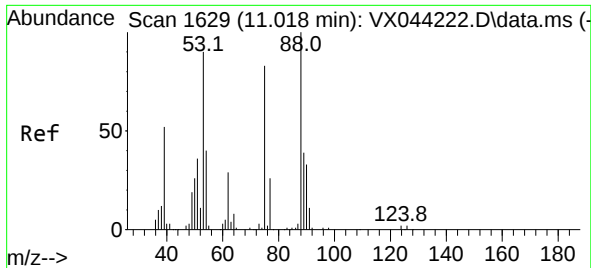
Tgt Ion: 75 Resp: 44331

Ion Ratio Lower Upper

75 100

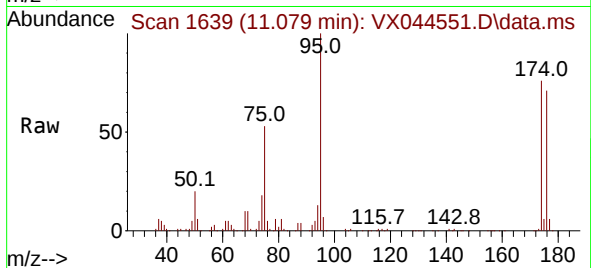
77 1.2 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.525 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.060 min
 Lab File: VX044551.D
 Acq: 30 Dec 2024 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20241218



Tgt Ion: 75 Resp: 44331
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

