

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044450.D
 Acq On : 20 Dec 2024 14:23
 Operator : JC/MD
 Sample : P5317-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 22:25:00 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)

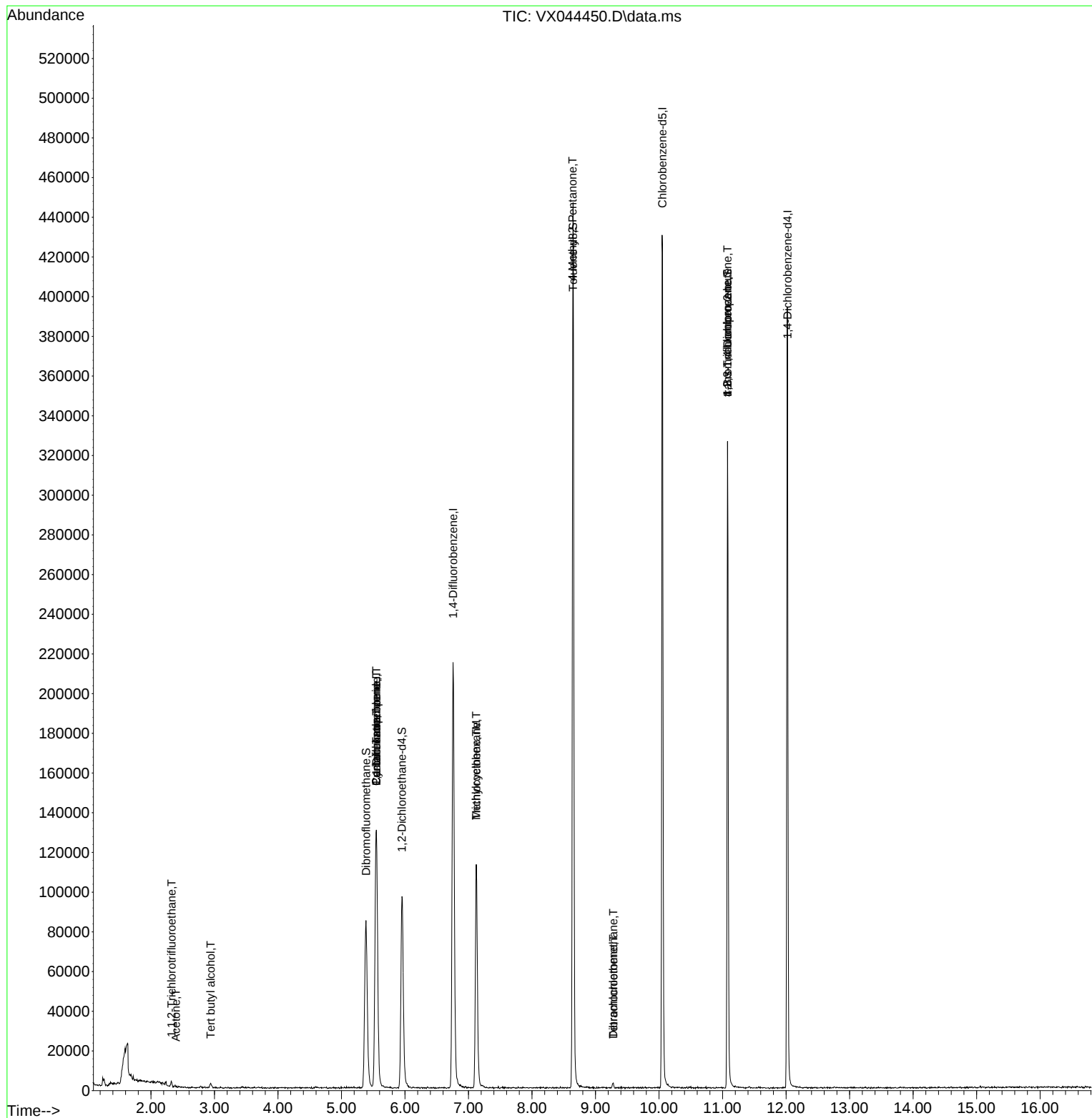
Internal Standards						
1) Pentafluorobenzene	5.550	168	123451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	220282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92439	42.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.420%
35) Dibromofluoromethane	5.385	113	72250	47.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.647	98	259723	50.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	86015	47.825	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.660%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	896	0.595	ug/l	94
11) Tert butyl alcohol	2.941	59	1374	4.504	ug/l #	71
16) Acetone	2.392	43	586	0.664	ug/l #	48
31) Cyclohexane	5.550	56	2789	1.194	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	9545	4.840	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13338	6.282	ug/l #	18
39) Methylcyclohexane	7.123	83	567	0.240	ug/l #	24
44) Trichloroethene	7.123	130	42960	28.771	ug/l	91
51) 4-Methyl-2-Pentanone	8.641	43	1372	0.560	ug/l #	1
60) Dibromochloromethane	9.281	129	518	1.565	ug/l #	11
64) Tetrachloroethene	9.281	164	617	0.481	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	44745	25.305	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44745	70.000	ug/l #	4

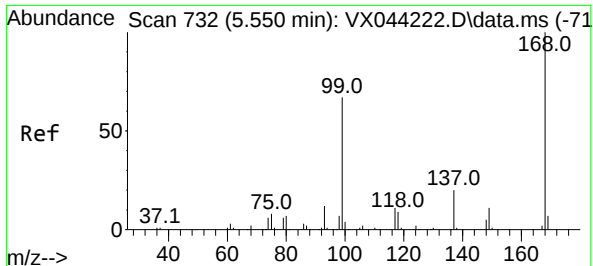
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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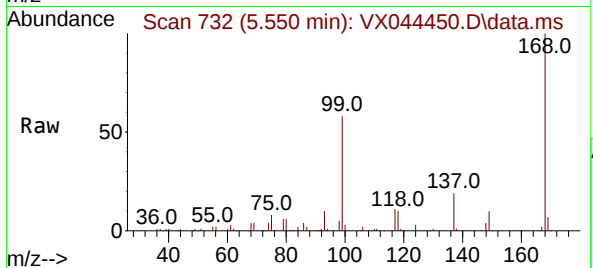
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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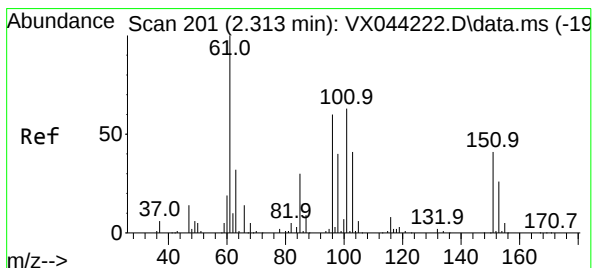
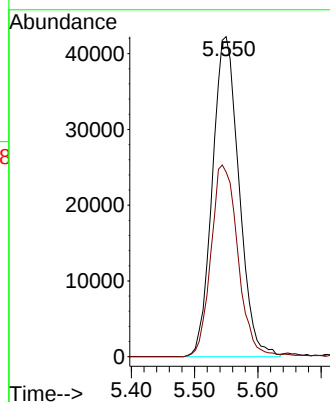
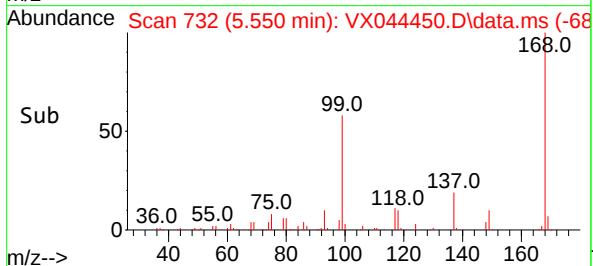


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

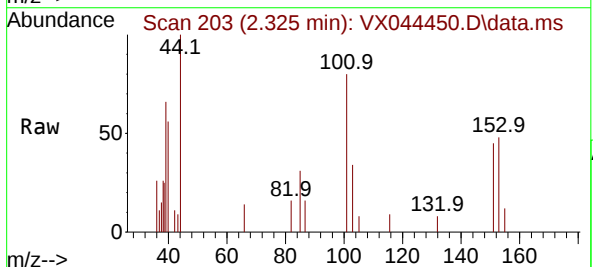
Instrument :
MSVOA_X
ClientSampleId :



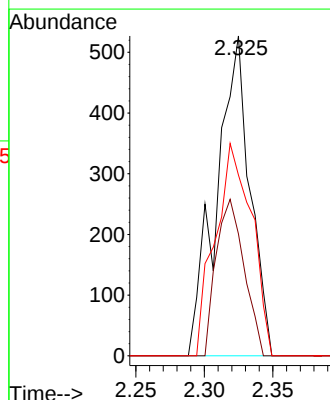
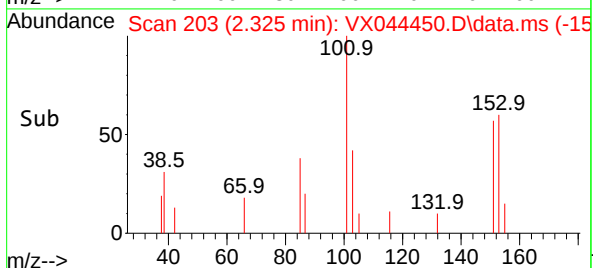
Tgt Ion:168 Resp: 123451
Ion Ratio Lower Upper
168 100
99 57.7 53.4 80.0

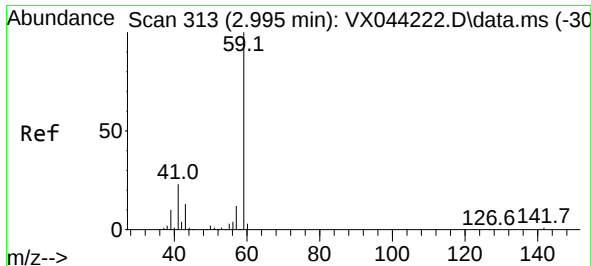


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.595 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23



Tgt Ion:101 Resp: 896
Ion Ratio Lower Upper
101 100
85 41.0 38.5 57.7
151 72.2 55.8 83.6





#11

Tert butyl alcohol

Concen: 4.504 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

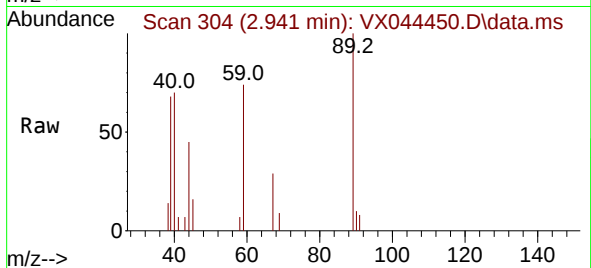
Lab File: VX044450.D

Acq: 20 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

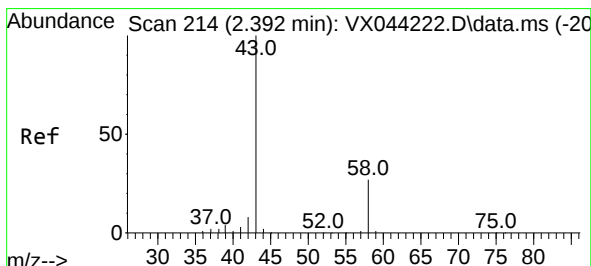
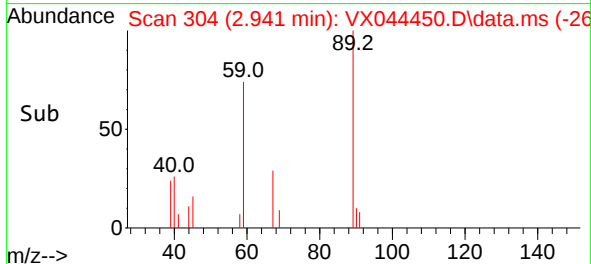
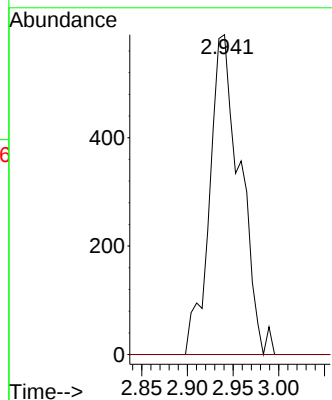


Tgt Ion: 59 Resp: 1374

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 0.664 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044450.D

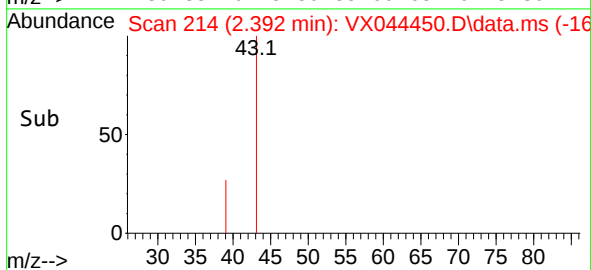
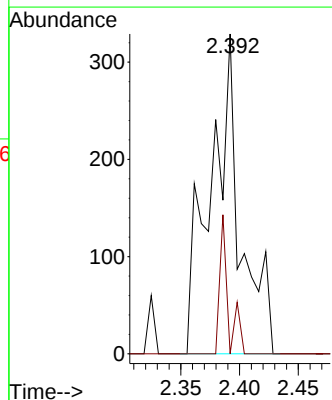
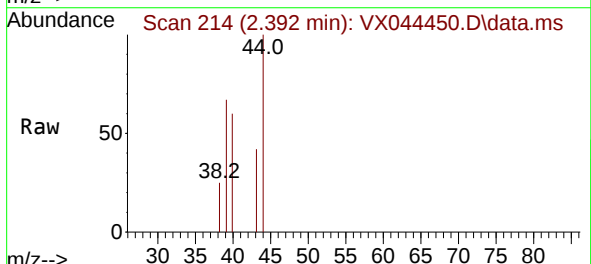
Acq: 20 Dec 2024 14:23

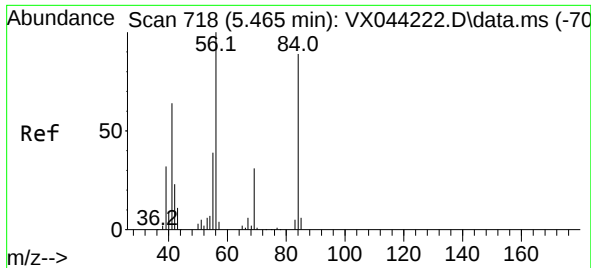
Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

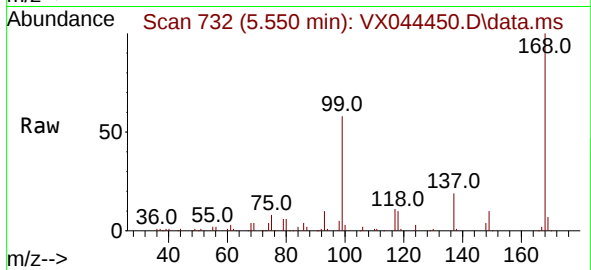
58 0.0 21.6 32.4#



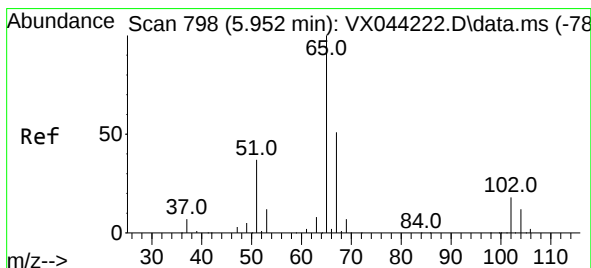
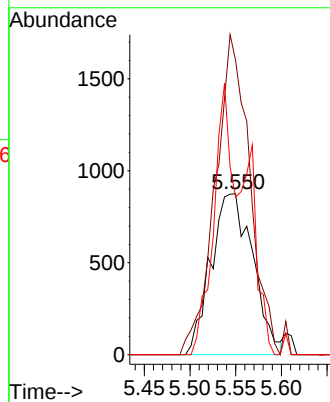
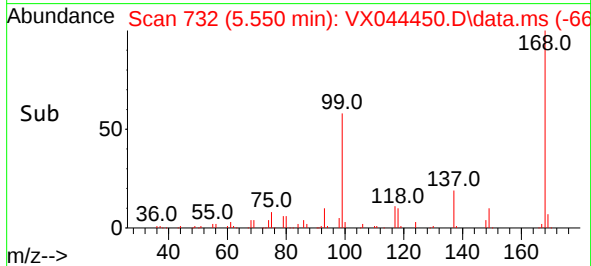


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

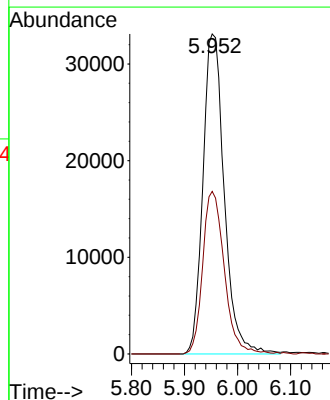
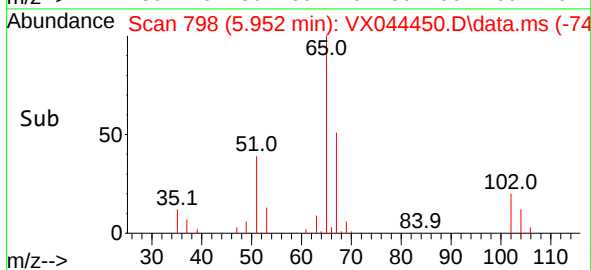
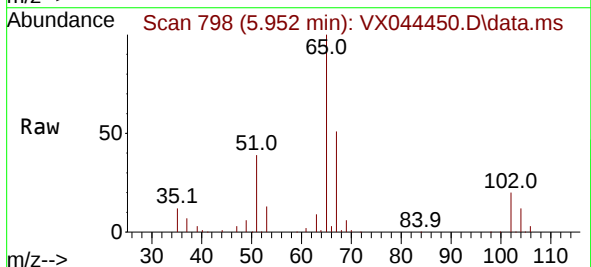


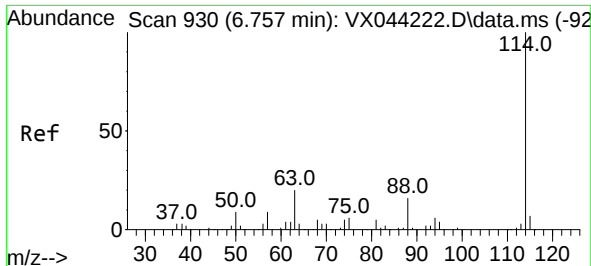
Tgt Ion: 56 Resp: 2789
Ion Ratio Lower Upper
56 100
69 183.0 24.7 37.1#
84 97.9 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 42.707 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Tgt Ion: 65 Resp: 92439
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.6

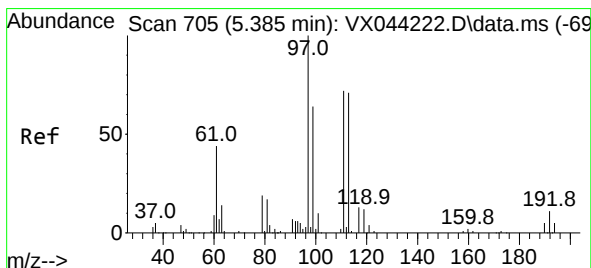
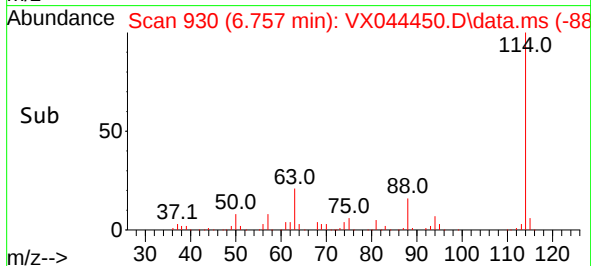
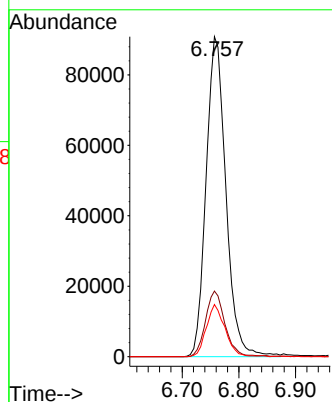
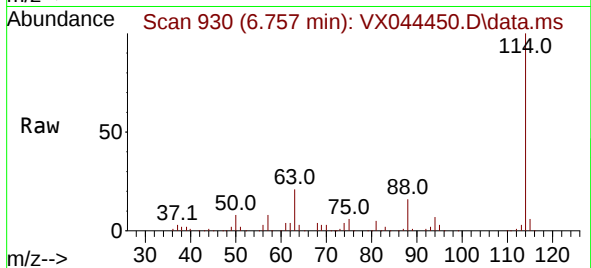




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

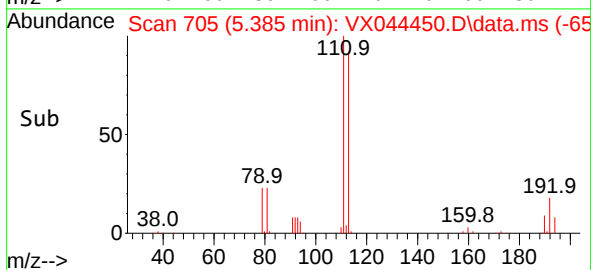
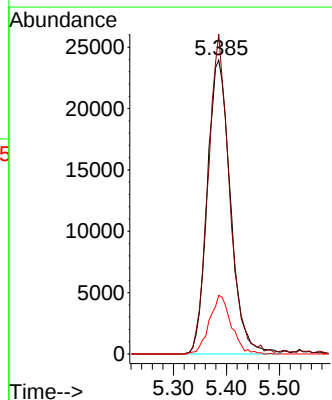
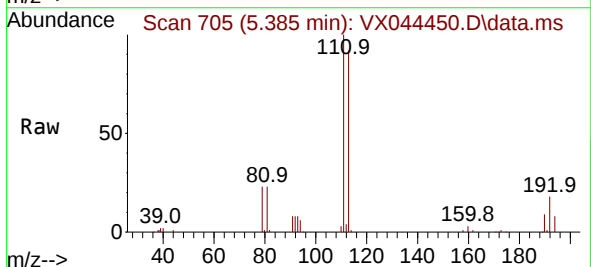
Instrument :
MSVOA_X
ClientSampleId :

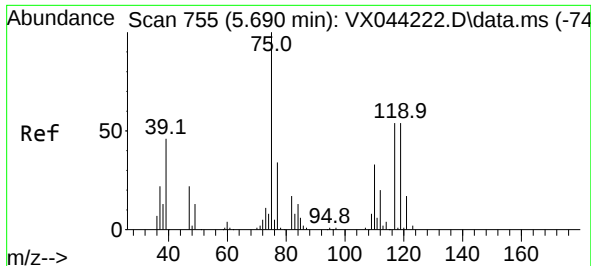
Tgt Ion:114 Resp: 220282
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.357 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

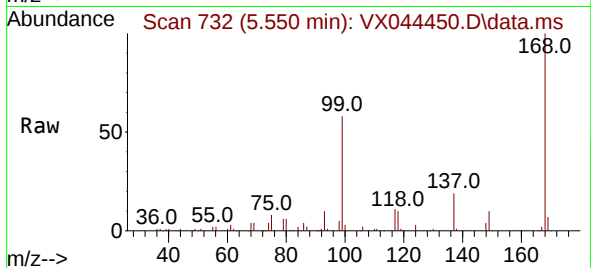
Tgt Ion:113 Resp: 72250
Ion Ratio Lower Upper
113 100
111 101.3 80.4 120.6
192 18.8 13.3 19.9



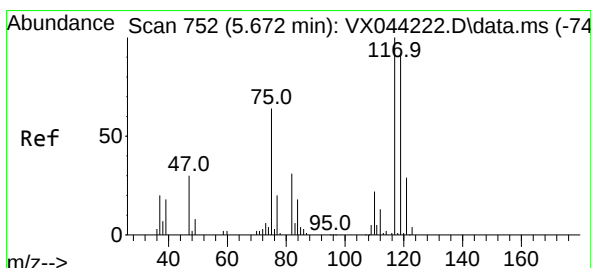
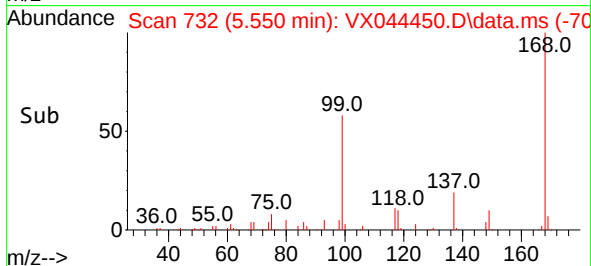
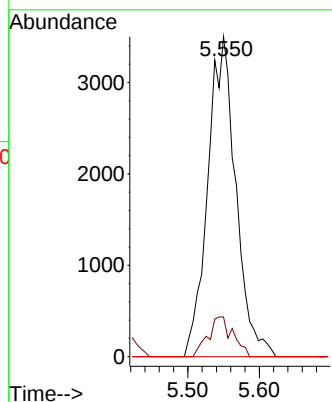


#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :

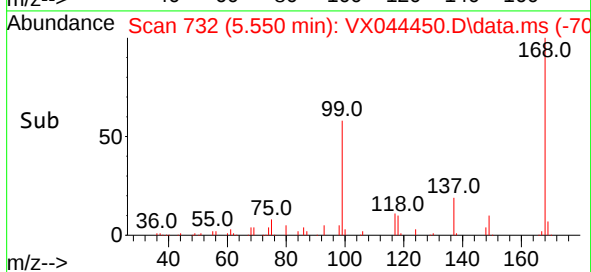
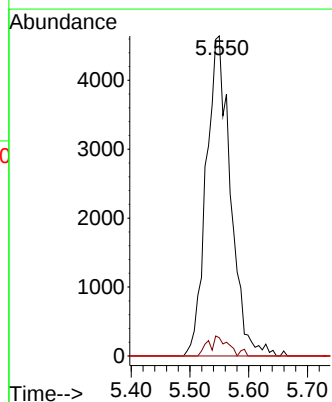
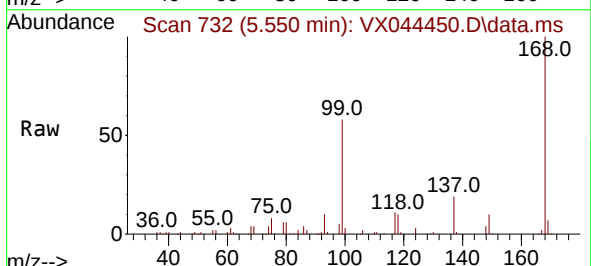


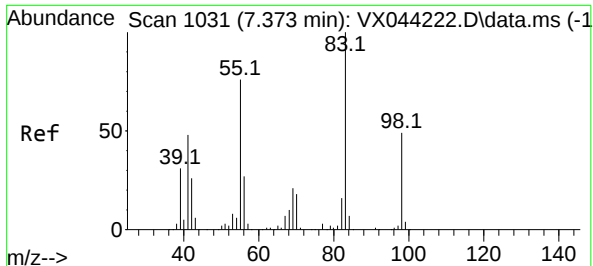
Tgt Ion: 75 Resp: 9545
Ion Ratio Lower Upper
75 100
110 10.9 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Tgt Ion: 117 Resp: 13338
Ion Ratio Lower Upper
117 100
119 5.7 74.2 111.4#
121 0.0 23.0 34.6#





#39

Methylcyclohexane

Concen: 0.240 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.250 min

Lab File: VX044450.D

Acq: 20 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

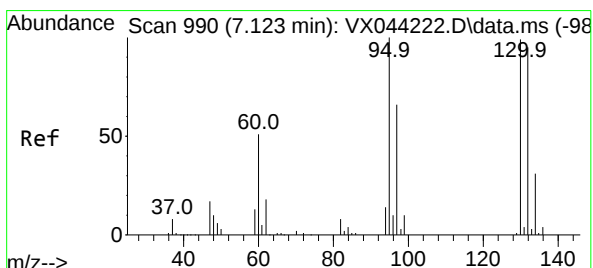
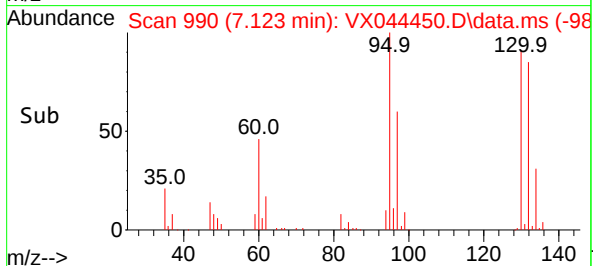
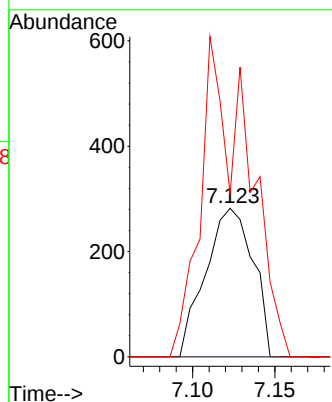
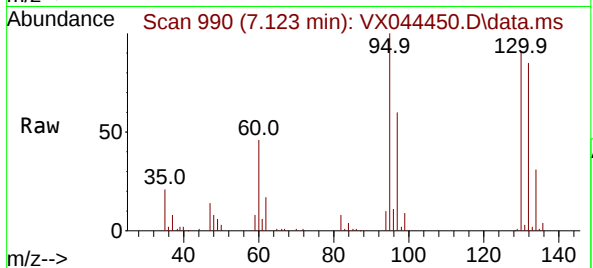
Tgt Ion: 83 Resp: 567

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 87.2 38.9 58.3#



#44

Trichloroethene

Concen: 28.771 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044450.D

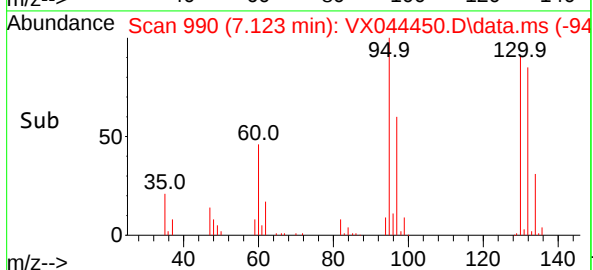
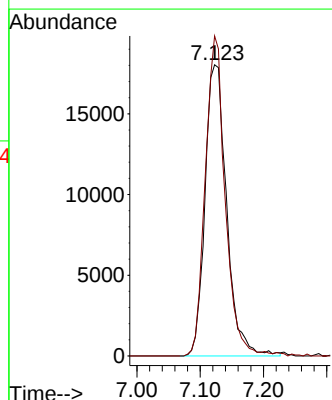
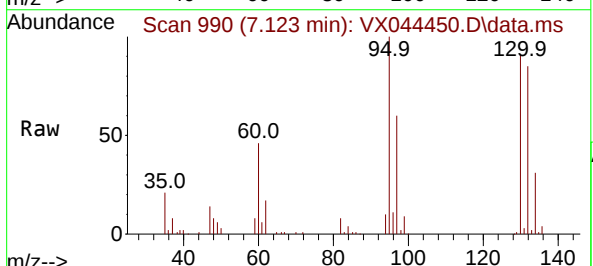
Acq: 20 Dec 2024 14:23

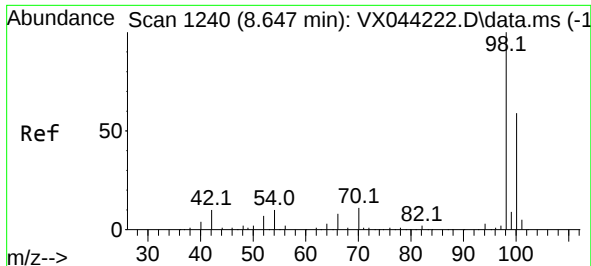
Tgt Ion:130 Resp: 42960

Ion Ratio Lower Upper

130 100

95 109.9 0.0 201.4

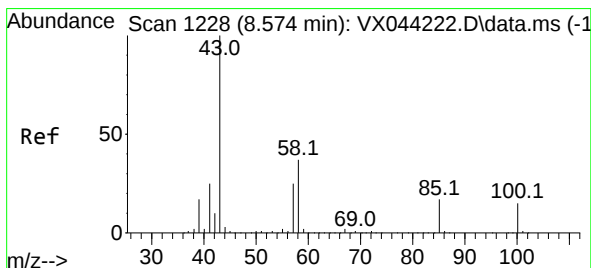
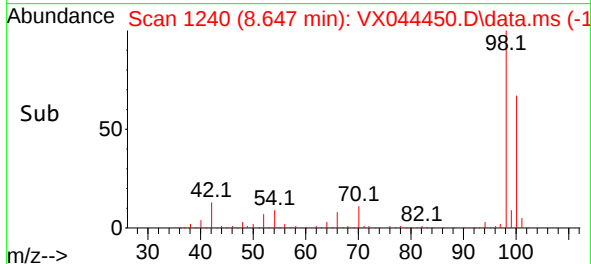
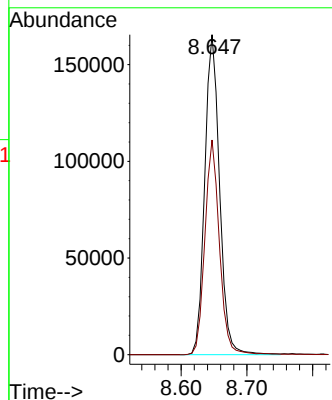
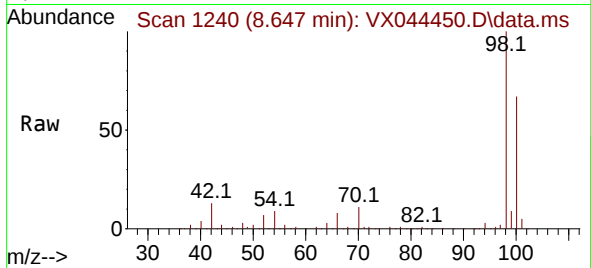




#50
Toluene-d8
Concen: 50.460 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

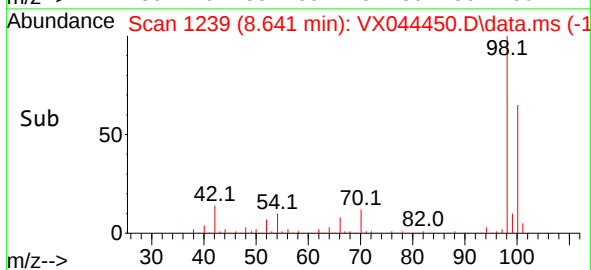
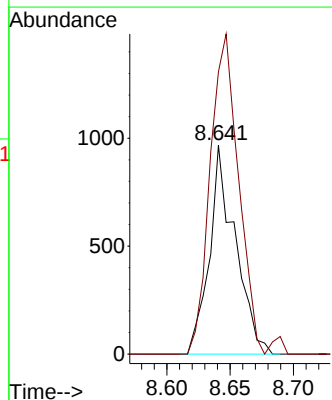
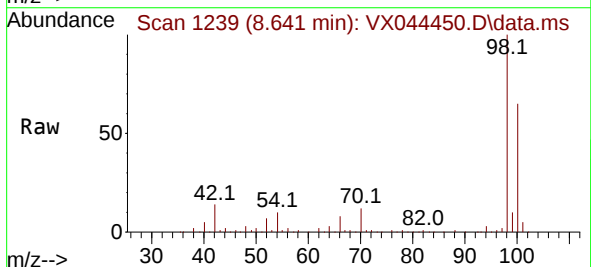
Instrument :
MSVOA_X
ClientSampleId :

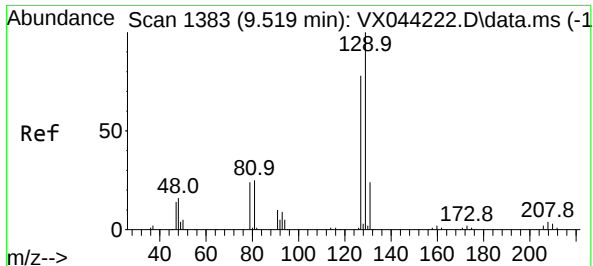
Tgt Ion: 98 Resp: 259723
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 168.6 29.4 44.0#

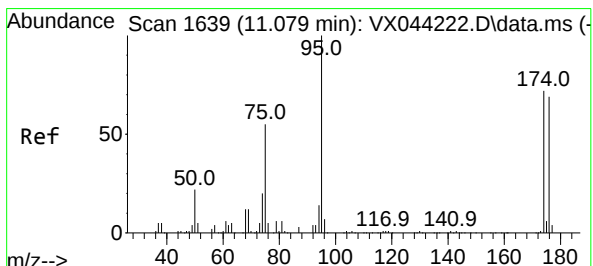
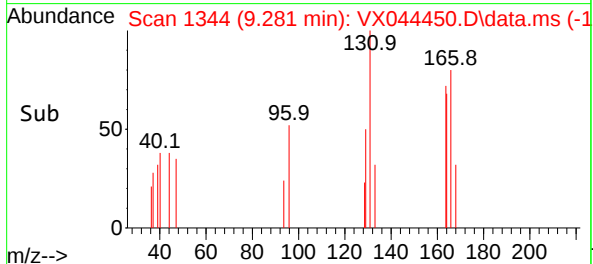
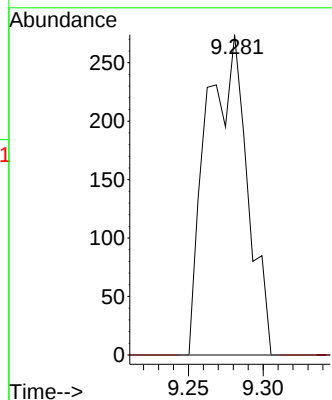
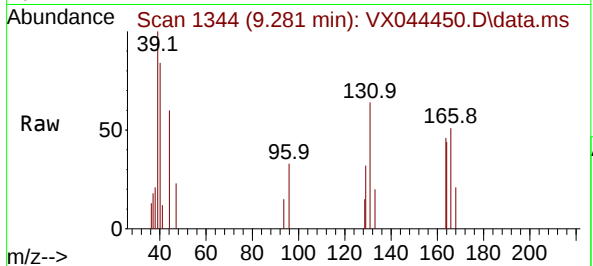




#60
Dibromochloromethane
Concen: 1.565 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

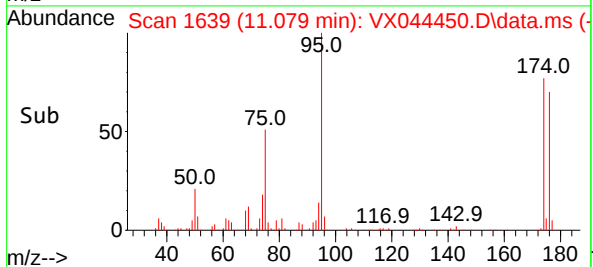
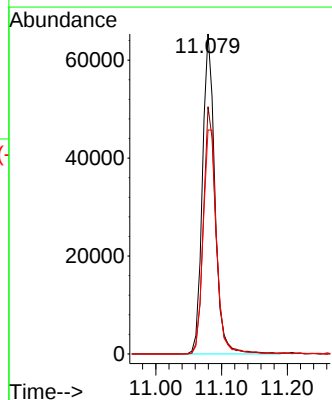
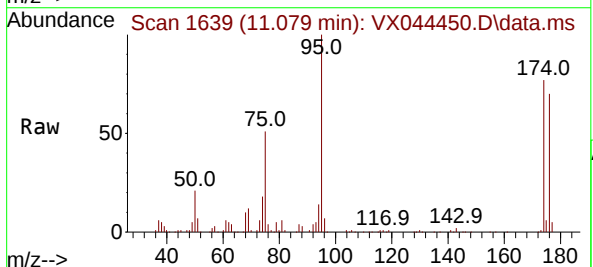
Instrument :
MSVOA_X
ClientSampleId :

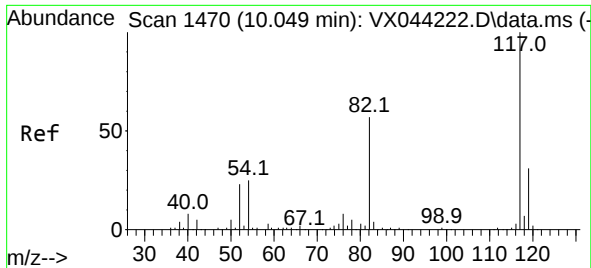
Tgt Ion:129 Resp: 518
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Tgt Ion: 95 Resp: 86015
Ion Ratio Lower Upper
95 100
174 77.7 0.0 145.8
176 75.9 0.0 137.8

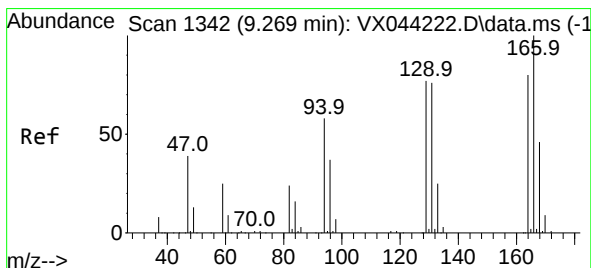
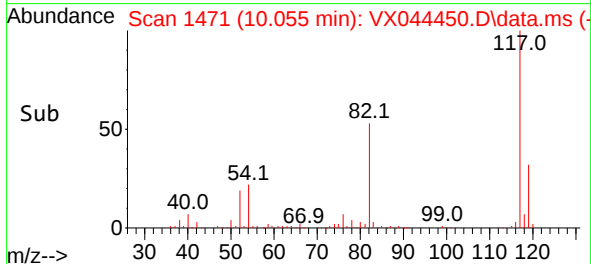
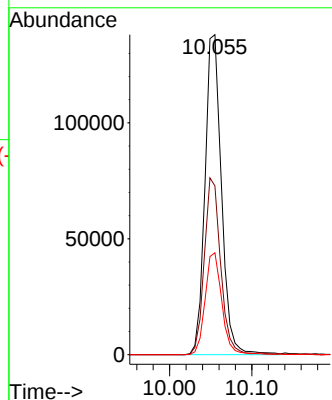
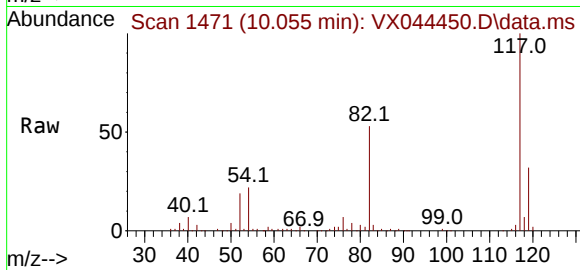




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

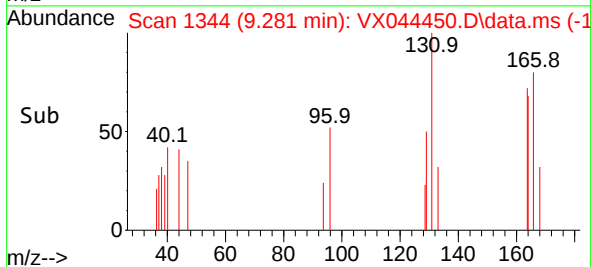
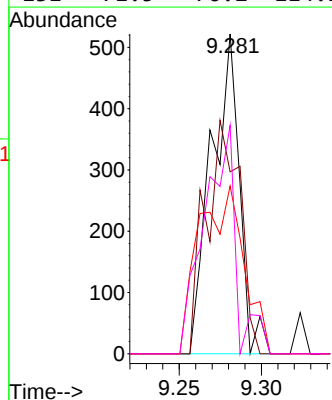
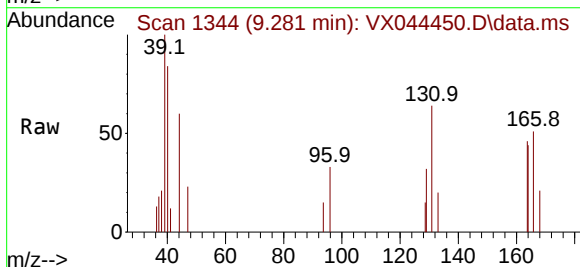
Instrument :
MSVOA_X
ClientSampleId :

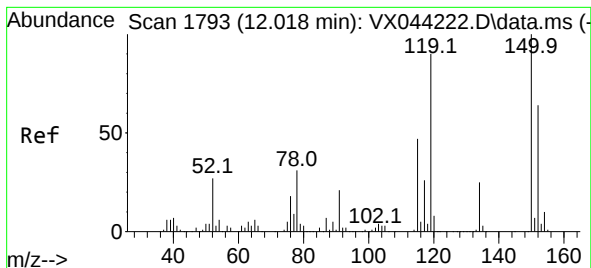
Tgt Ion:117 Resp: 193072
Ion Ratio Lower Upper
117 100
82 52.7 45.8 68.8
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 0.481 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX044450.D
Acq: 20 Dec 2024 14:23

Tgt Ion:164 Resp: 617
Ion Ratio Lower Upper
164 100
166 56.9 100.4 150.6#
129 52.5 77.2 115.8#
131 71.5 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: VX044450.D

Acq: 20 Dec 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

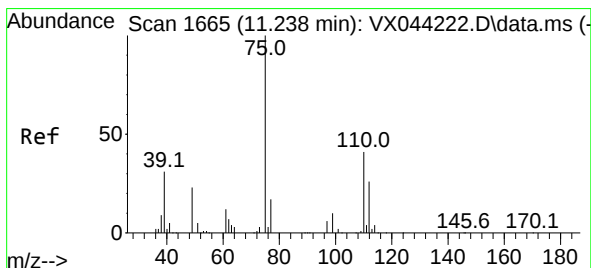
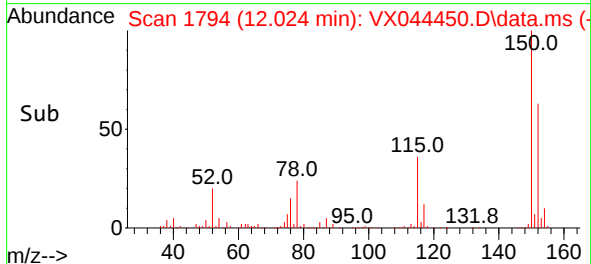
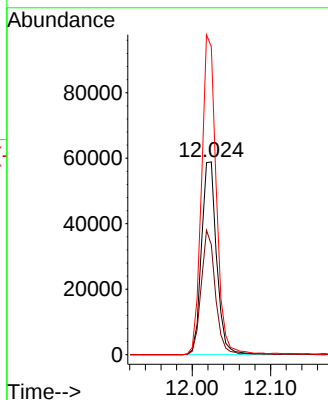
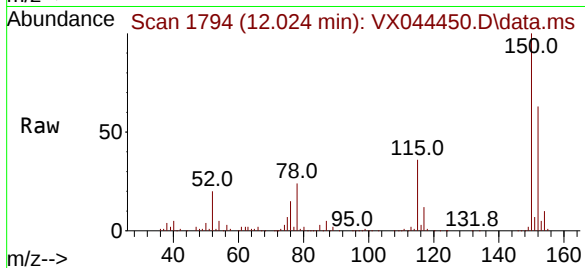
Tgt Ion:152 Resp: 79195

Ion Ratio Lower Upper

152 100

115 60.7 44.5 133.3

150 160.8 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 25.305 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044450.D

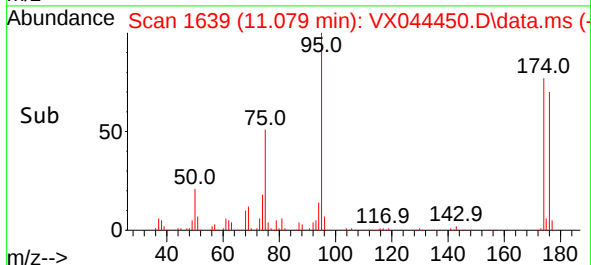
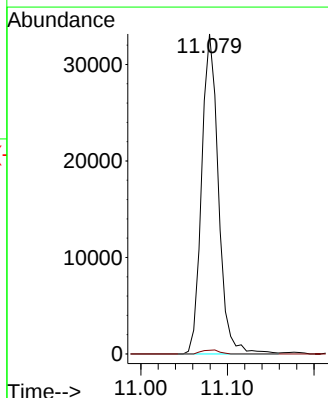
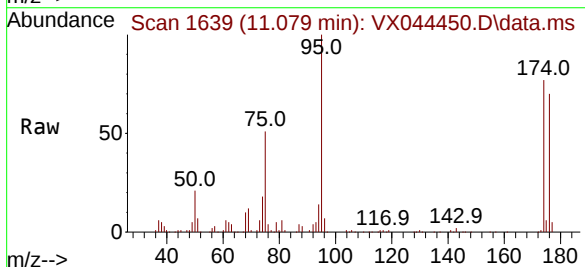
Acq: 20 Dec 2024 14:23

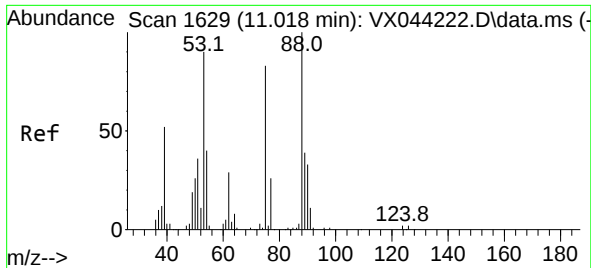
Tgt Ion: 75 Resp: 44745

Ion Ratio Lower Upper

75 100

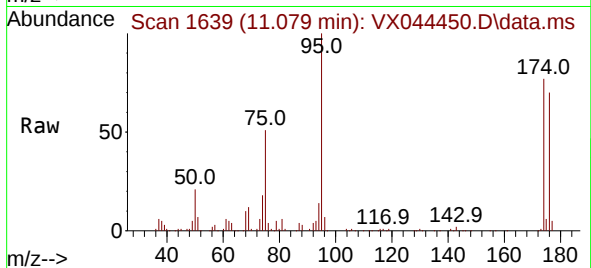
77 1.3 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.000 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044450.D
 Acq: 20 Dec 2024 14:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44745
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

