

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044387.D
 Acq On : 18 Dec 2024 16:45
 Operator : JC/MD
 Sample : P5280-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 00:49:11 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)

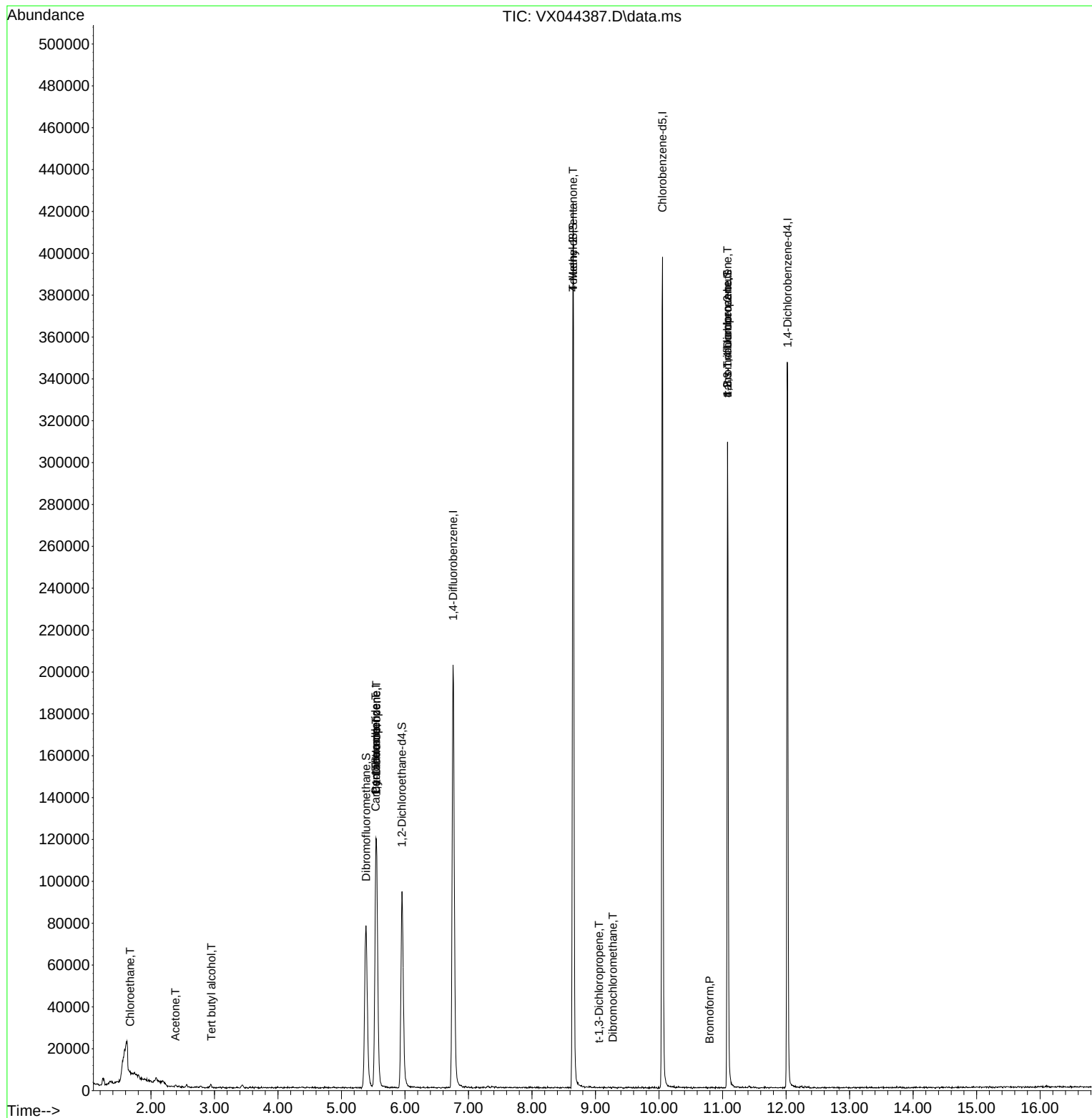
Internal Standards						
1) Pentafluorobenzene	5.544	168	111360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88120	45.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.260%
35) Dibromofluoromethane	5.385	113	66263	46.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	245476	51.470	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	78374	47.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.060%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	278	0.260	ug/l #	41
11) Tert butyl alcohol	2.953	59	462	1.679	ug/l #	71
16) Acetone	2.386	43	1047	1.315	ug/l #	89
31) Cyclohexane	5.544	56	2765	1.312	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	10156	5.558	ug/l #	51
38) Carbon Tetrachloride	5.537	117	12715	6.463	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1219	0.537	ug/l #	1
53) t-1,3-Dichloropropene	9.055	75	22	1.007	ug/l #	41
60) Dibromochloromethane	9.275	129	40	1.259	ug/l #	11
71) Bromoform	10.799	173	21	1.256	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	42287	27.059	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	42287	74.466	ug/l #	4

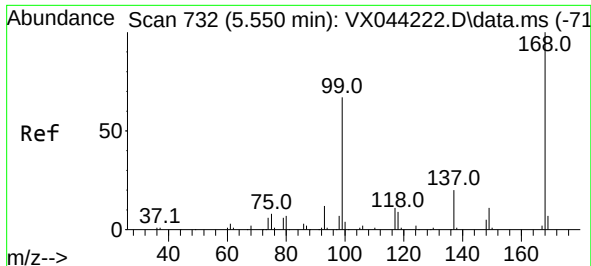
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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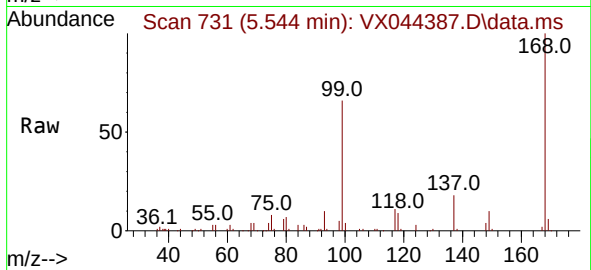
Quant Time: Dec 19 00:49:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



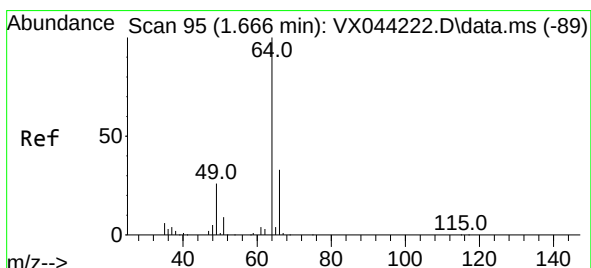
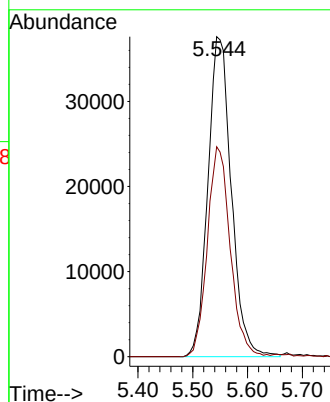
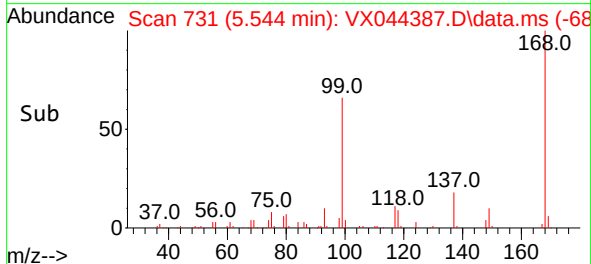


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :

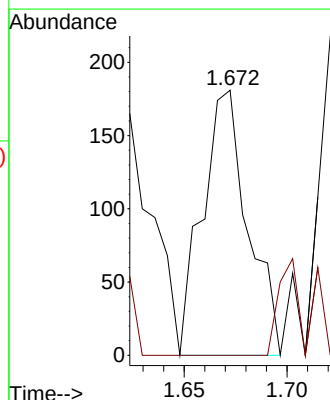
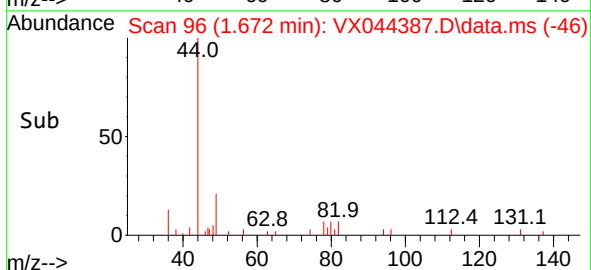
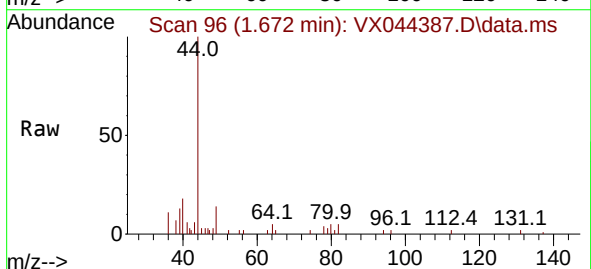


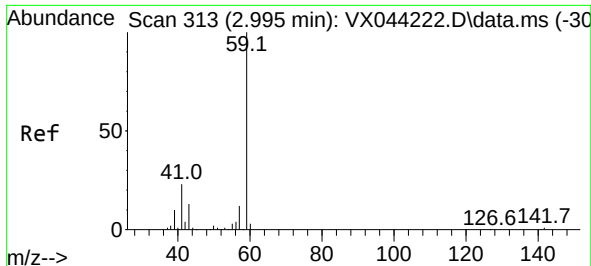
Tgt Ion:168 Resp: 111360
Ion Ratio Lower Upper
168 100
99 65.6 53.4 80.0



#6
Chloroethane
Concen: 0.260 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion: 64 Resp: 278
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 1.679 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX044387.D

Acq: 18 Dec 2024 16:45

Instrument :

MSVOA_X

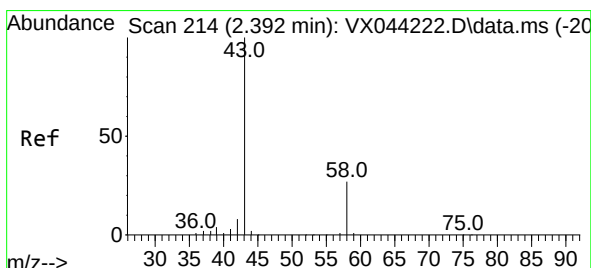
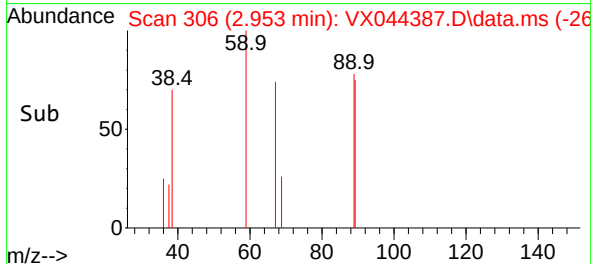
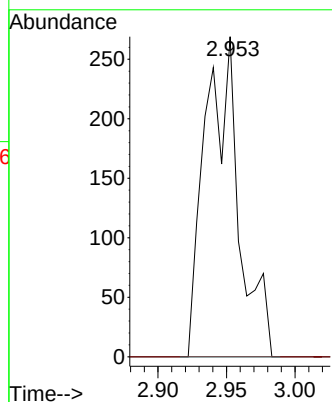
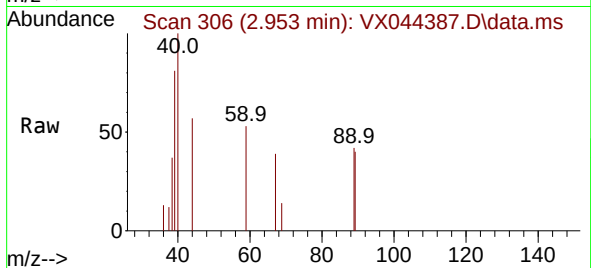
ClientSampleId :

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 1.315 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044387.D

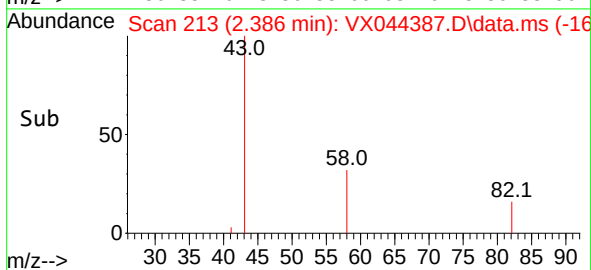
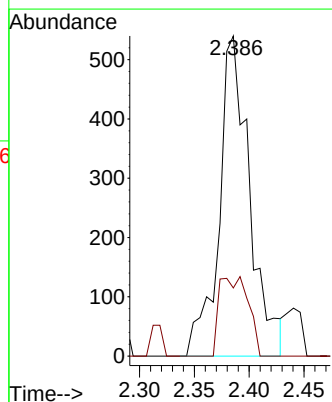
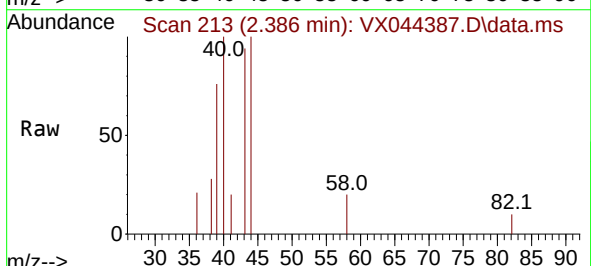
Acq: 18 Dec 2024 16:45

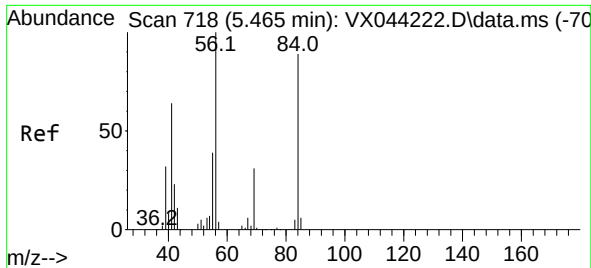
Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

43 100

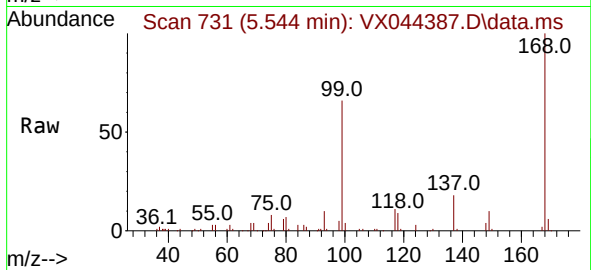
58 21.3 21.6 32.4#



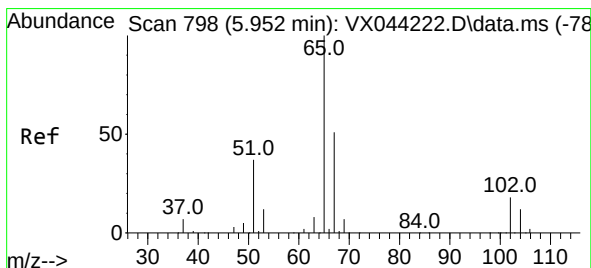
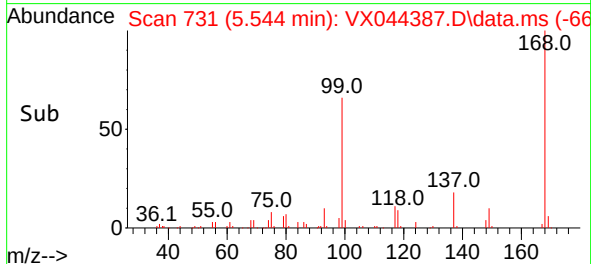
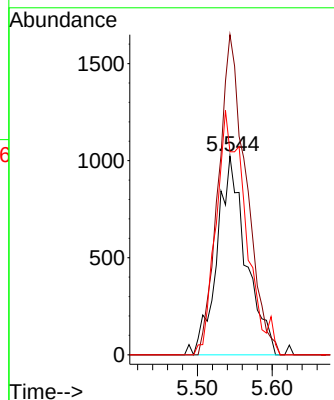


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :

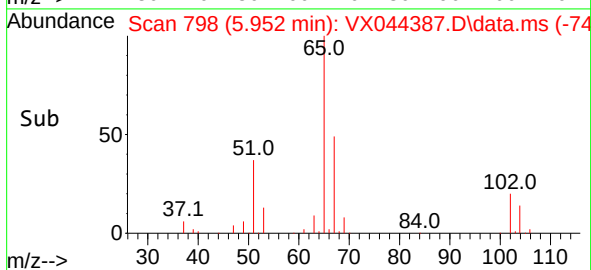
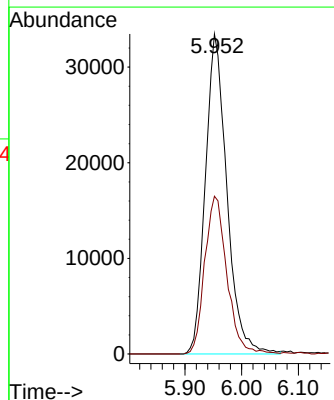
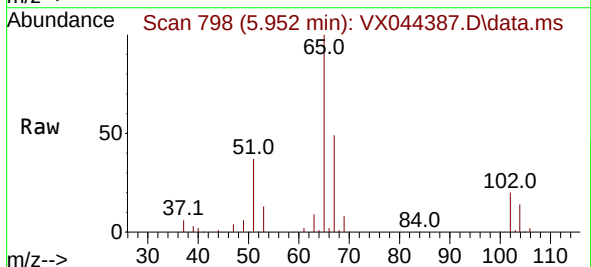


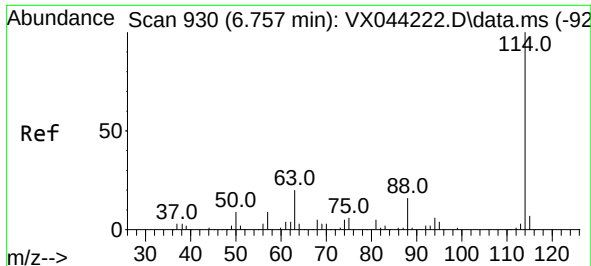
Tgt Ion: 56 Resp: 2765
Ion Ratio Lower Upper
56 100
69 161.2 24.7 37.1#
84 102.2 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 45.132 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion: 65 Resp: 88120
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6

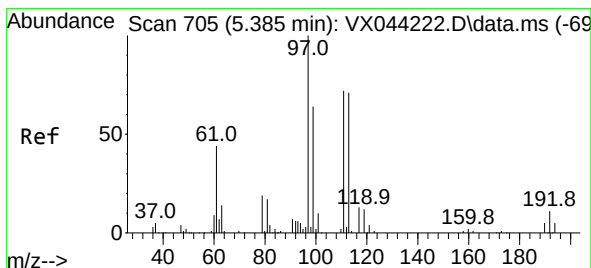
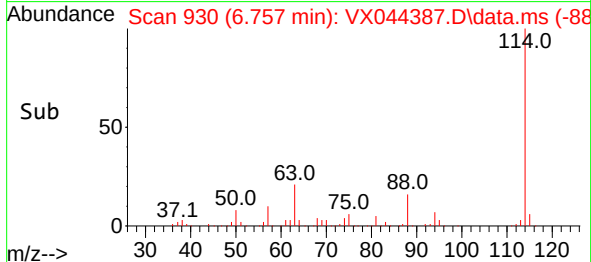
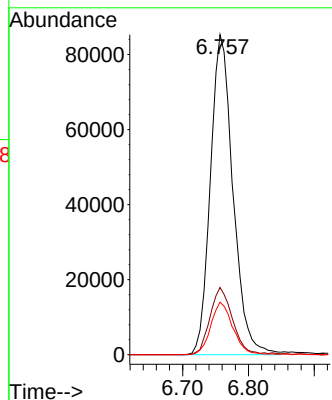
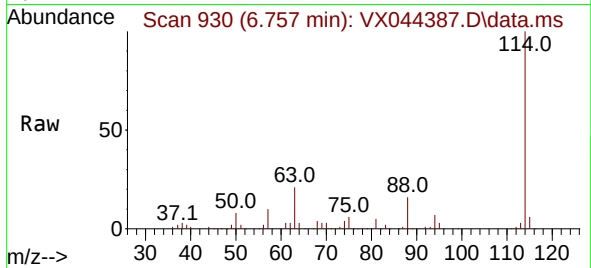




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

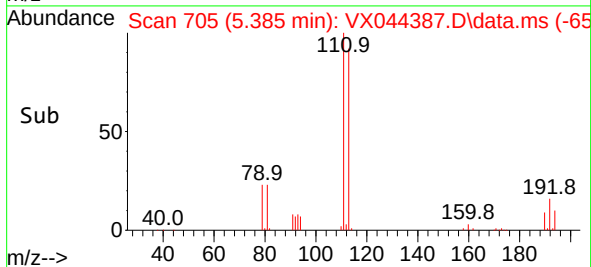
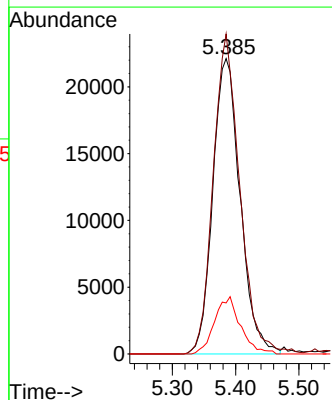
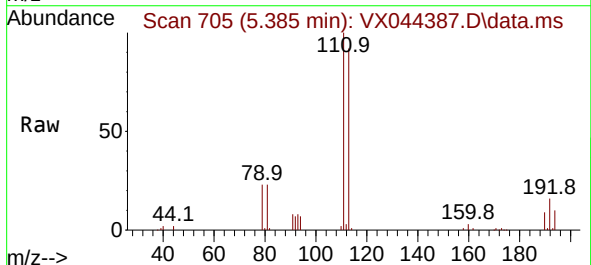
Instrument :
MSVOA_X
ClientSampleId :

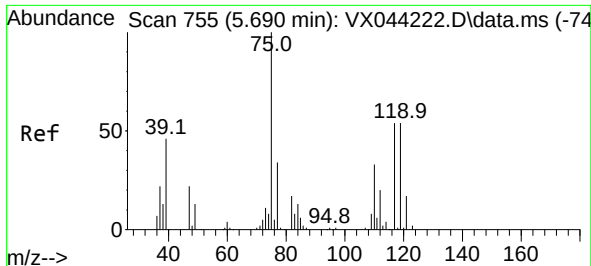
Tgt Ion:114 Resp: 204112
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.6
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.873 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion:113 Resp: 66263
Ion Ratio Lower Upper
113 100
111 105.5 80.4 120.6
192 18.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.558 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX044387.D

Acq: 18 Dec 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

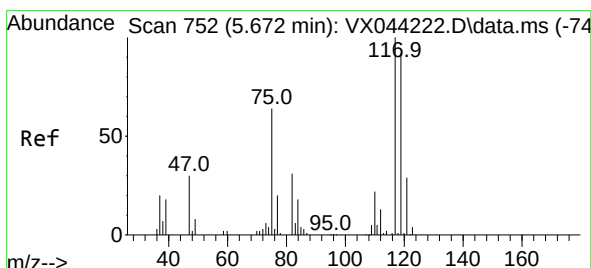
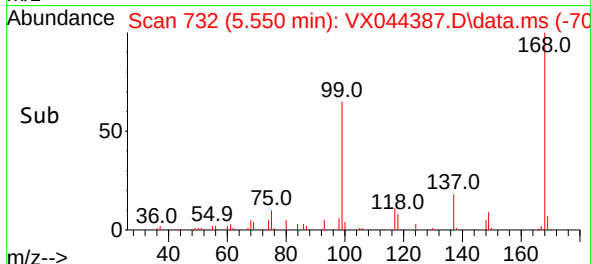
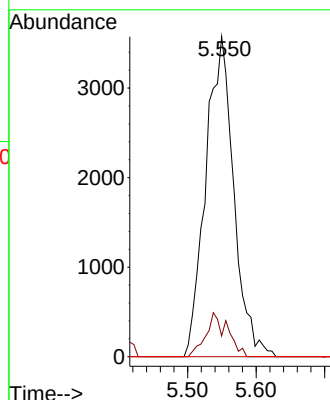
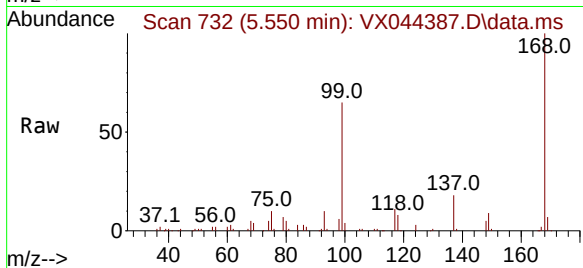
Tgt Ion: 75 Resp: 10156

Ion Ratio Lower Upper

75 100

110 10.7 17.3 51.7#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.463 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX044387.D

Acq: 18 Dec 2024 16:45

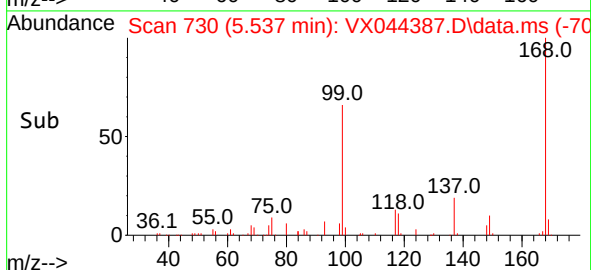
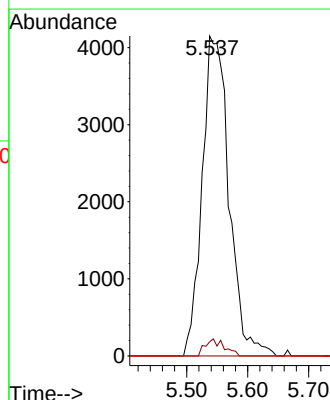
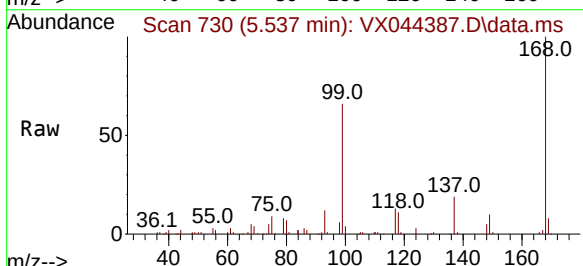
Tgt Ion: 117 Resp: 12715

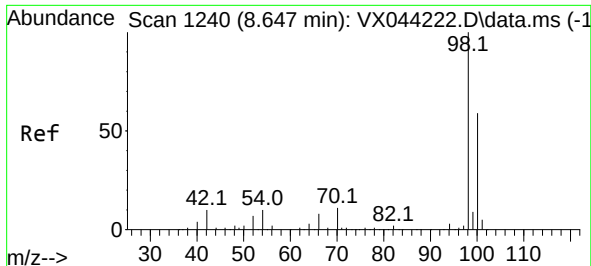
Ion Ratio Lower Upper

117 100

119 4.4 74.2 111.4#

121 0.0 23.0 34.6#

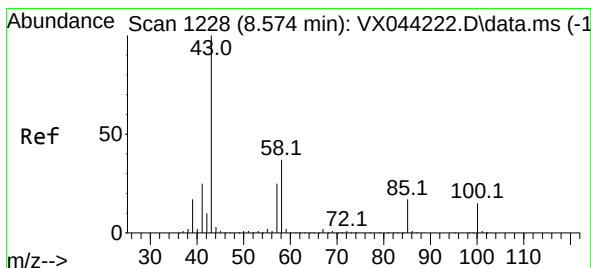
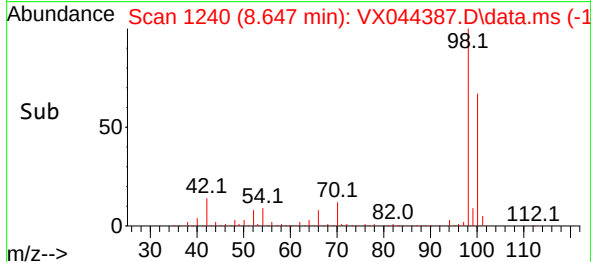
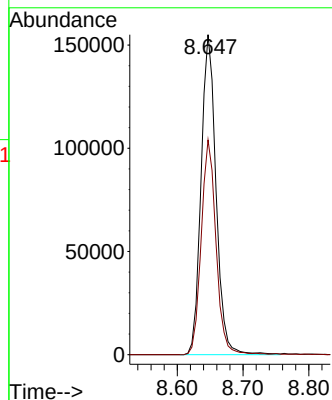
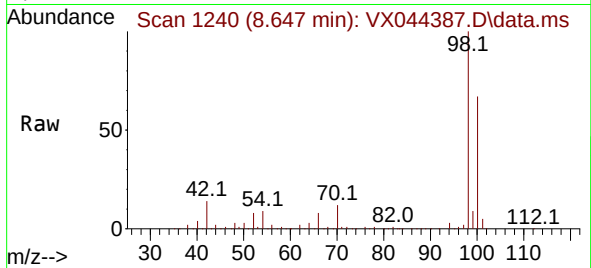




#50
Toluene-d8
Concen: 51.470 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

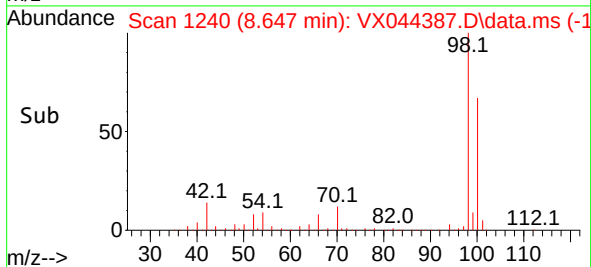
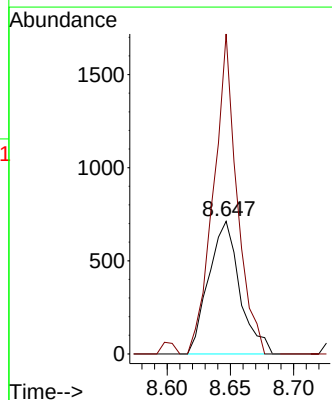
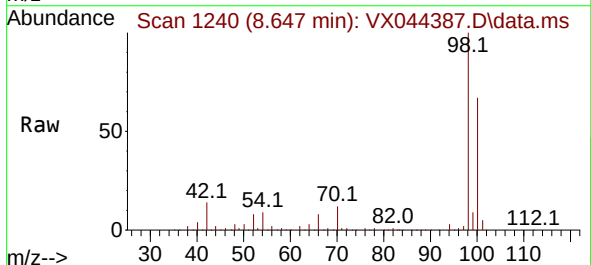
Instrument :
MSVOA_X
ClientSampleId :

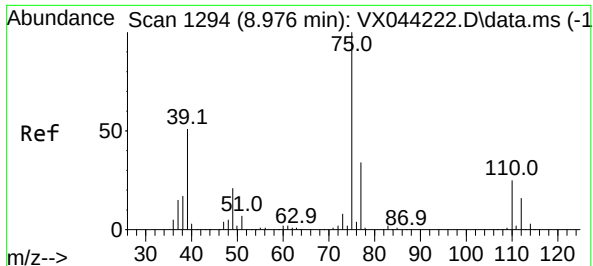
Tgt Ion: 98 Resp: 245476
Ion Ratio Lower Upper
98 100
100 66.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion: 43 Resp: 1219
Ion Ratio Lower Upper
43 100
58 182.4 29.4 44.0#





#53

t-1,3-Dichloropropene

Concen: 1.007 ug/l

RT: 9.055 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX044387.D

Acq: 18 Dec 2024 16:45

Instrument :

MSVOA_X

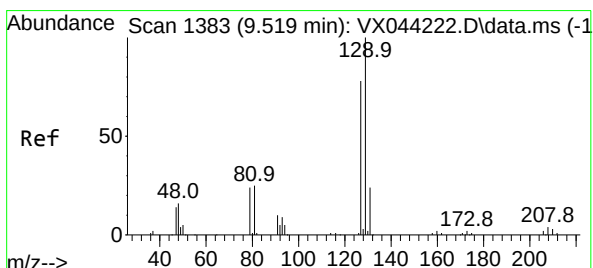
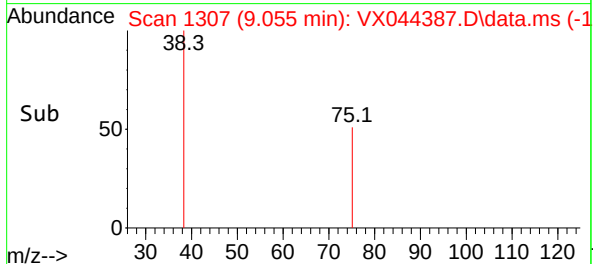
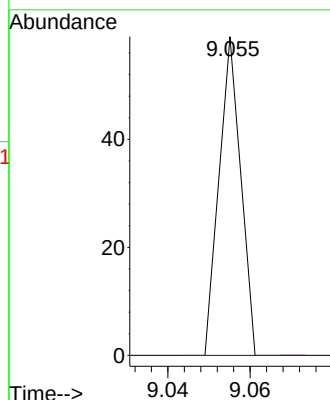
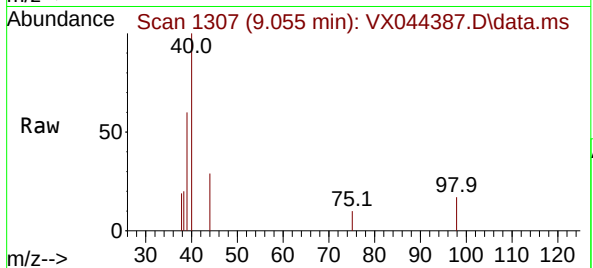
ClientSampleId :

Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#60

Dibromochloromethane

Concen: 1.259 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX044387.D

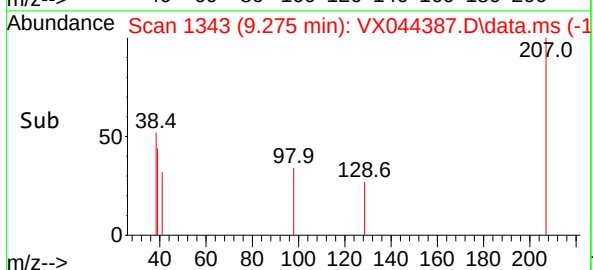
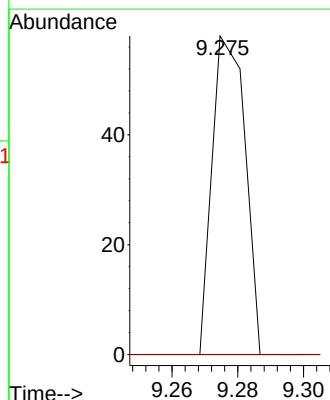
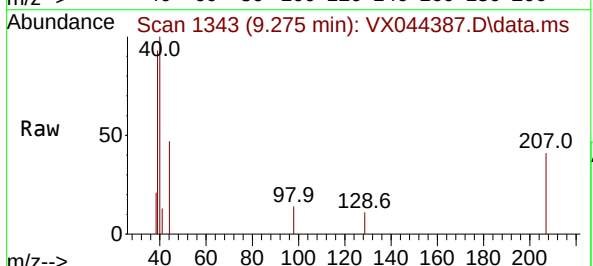
Acq: 18 Dec 2024 16:45

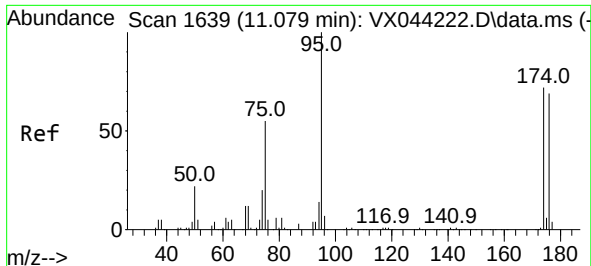
Tgt Ion:129 Resp: 40

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

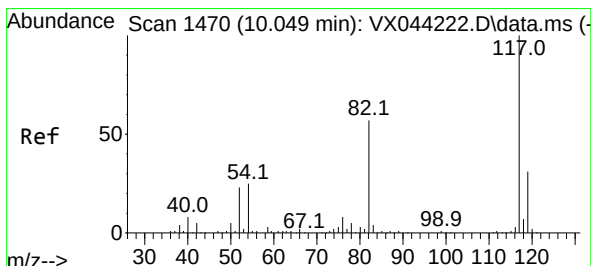
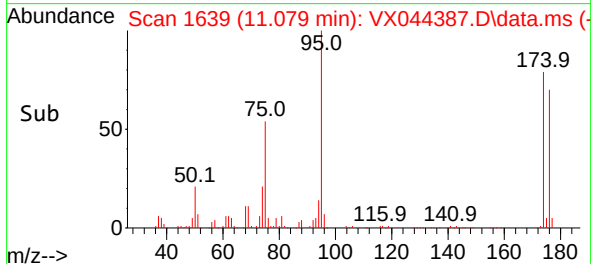
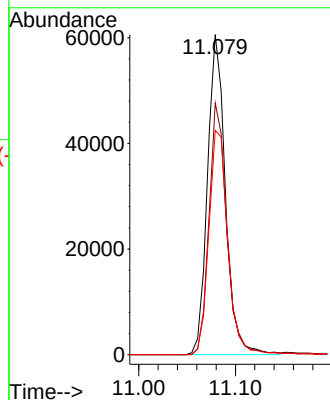
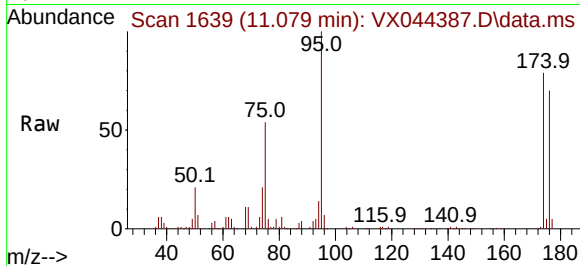




#62
4-Bromofluorobenzene
Concen: 47.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

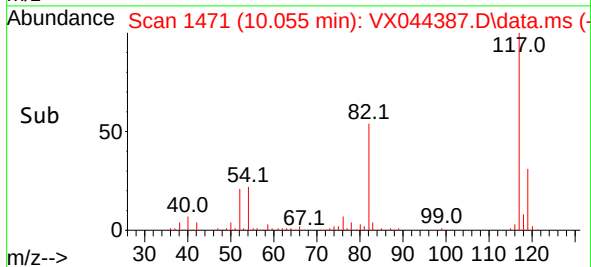
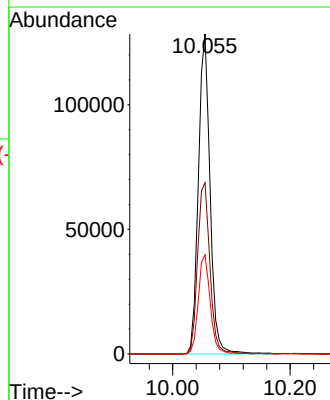
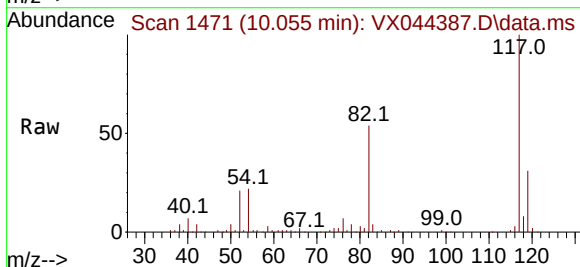
Instrument :
MSVOA_X
ClientSampleId :

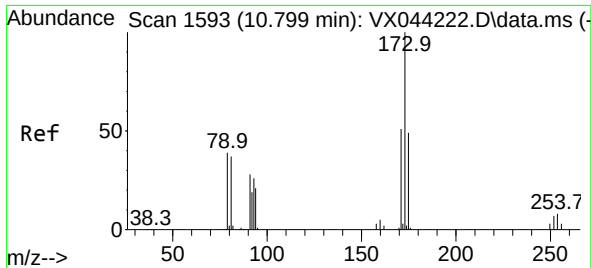
Tgt Ion: 95 Resp: 78374
Ion Ratio Lower Upper
95 100
174 78.2 0.0 145.8
176 74.2 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion: 117 Resp: 177491
Ion Ratio Lower Upper
117 100
82 53.5 45.8 68.8
119 31.0 25.0 37.4

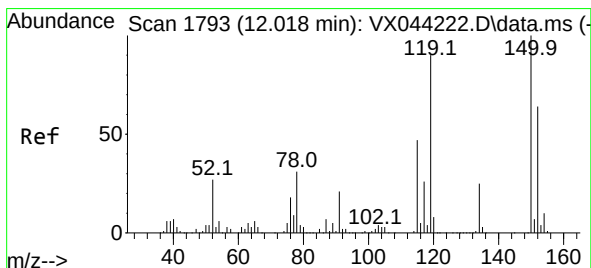
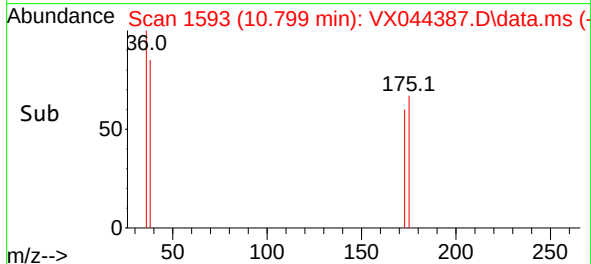
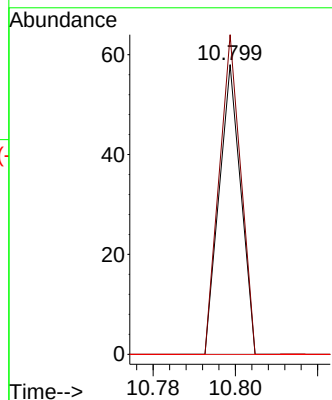
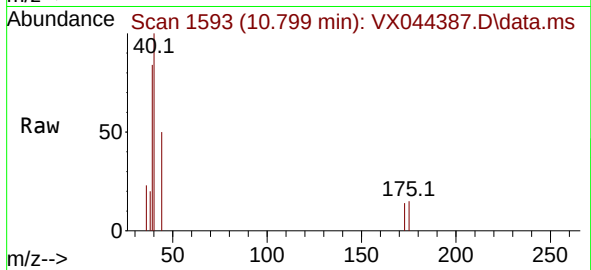




#71
Bromoform
Concen: 1.256 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

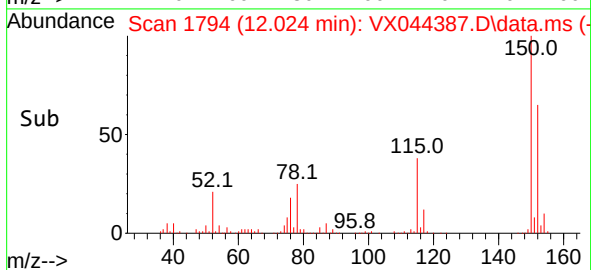
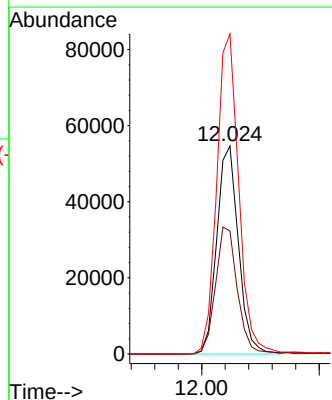
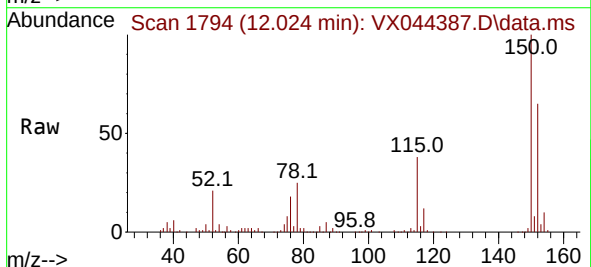
Instrument :
MSVOA_X
ClientSampleId :

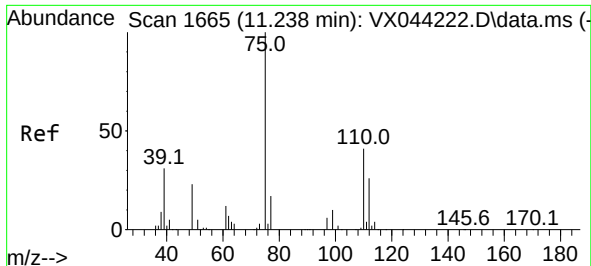
Tgt Ion:173 Resp: 21
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion:152 Resp: 69992
Ion Ratio Lower Upper
152 100
115 61.8 44.5 133.3
150 157.2 0.0 353.8

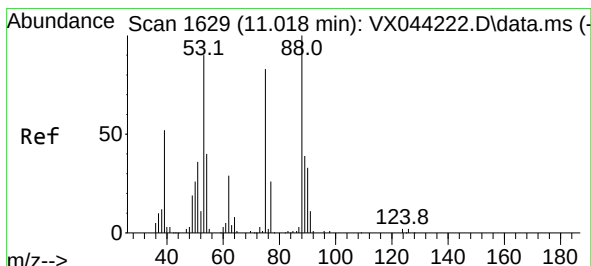
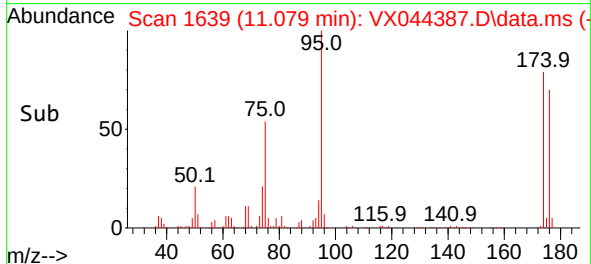
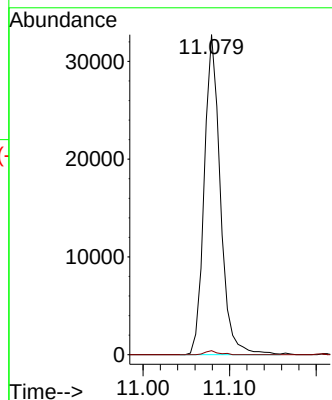
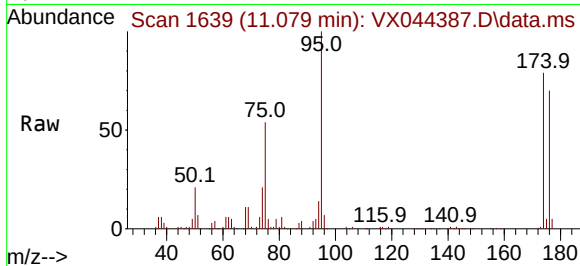




#76
1,2,3-Trichloropropane
Concen: 27.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42287
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044387.D
Acq: 18 Dec 2024 16:45

Tgt Ion: 75 Resp: 42287
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

