

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044385.D
 Acq On : 18 Dec 2024 15:58
 Operator : JC/MD
 Sample : P5280-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 00:48:13 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)

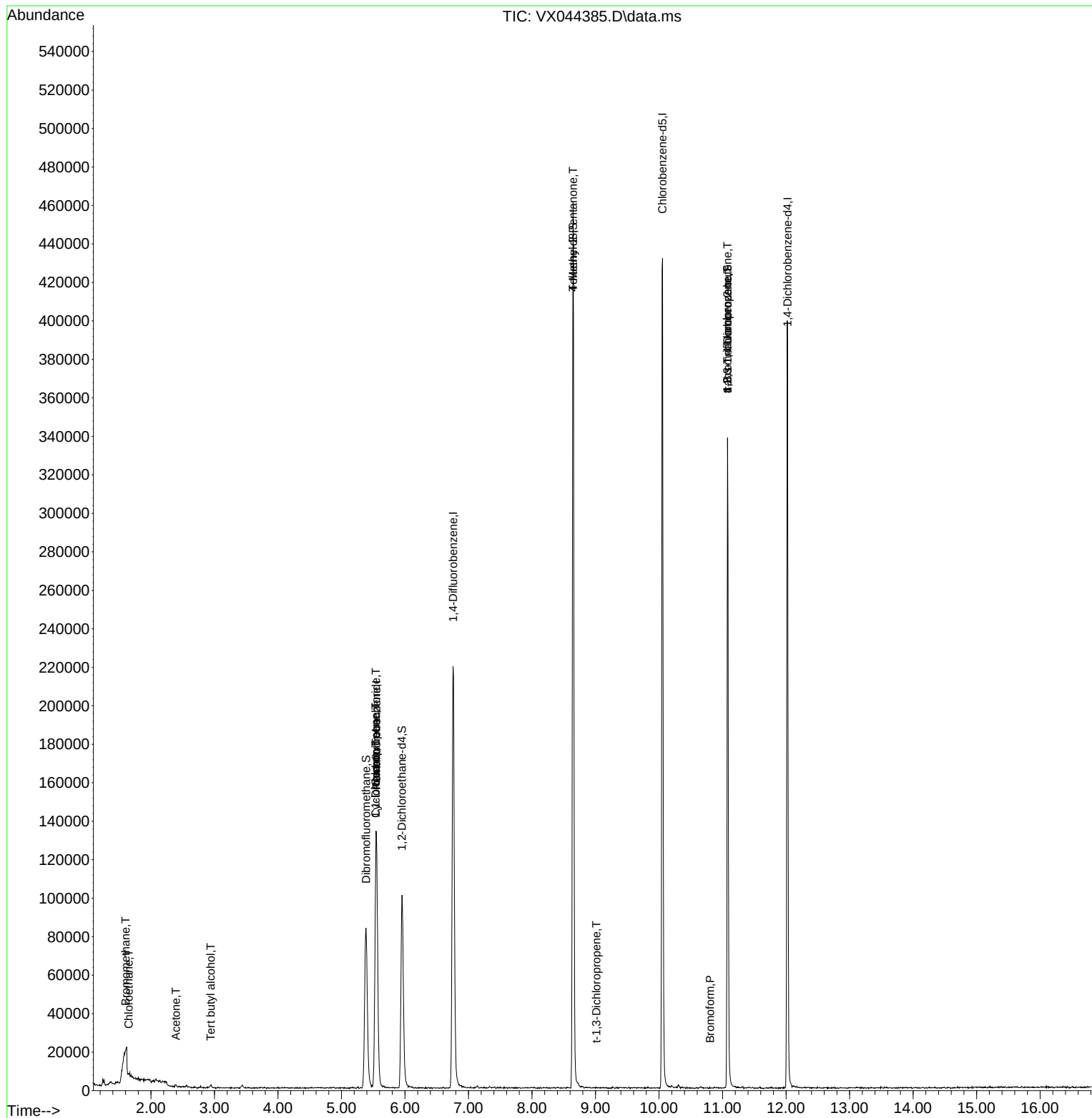
Internal Standards						
1) Pentafluorobenzene	5.550	168	124049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97454	44.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.620%
35) Dibromofluoromethane	5.385	113	74309	48.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	265300	50.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	11.079	95	86115	47.218	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	295	0.218	ug/l #	45
6) Chloroethane	1.648	64	355	0.298	ug/l #	41
11) Tert butyl alcohol	2.940	59	371	1.210	ug/l #	71
16) Acetone	2.392	43	1080	1.218	ug/l	92
31) Cyclohexane	5.538	56	3194	1.361	ug/l #	51
36) 1,1-Dichloropropene	5.538	75	10899	5.450	ug/l #	47
38) Carbon Tetrachloride	5.544	117	13191	6.127	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1276	0.514	ug/l #	1
53) t-1,3-Dichloropropene	9.013	75	21	1.006	ug/l #	41
71) Bromoform	10.805	173	45	1.282	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	47955	26.177	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	47955	72.219	ug/l #	4

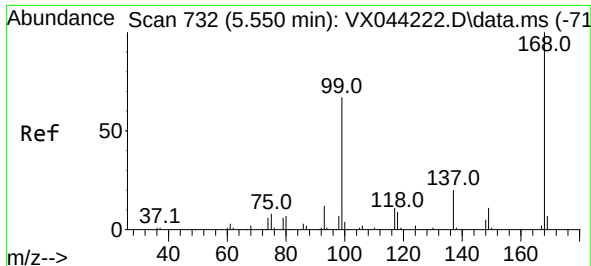
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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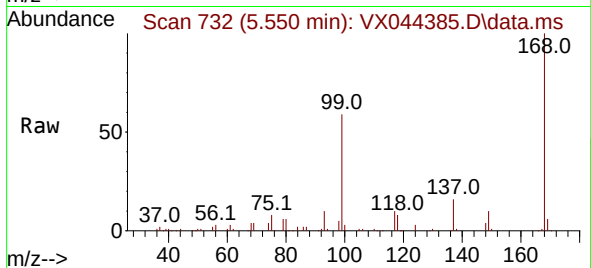
Quant Time: Dec 19 00:48:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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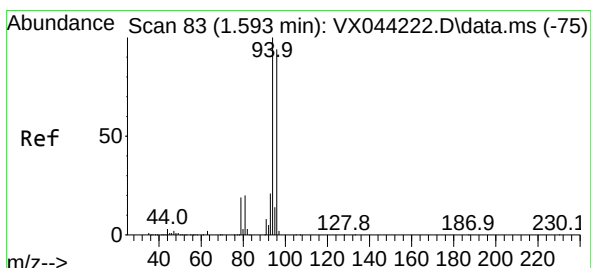
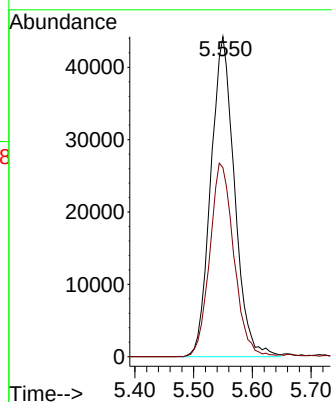
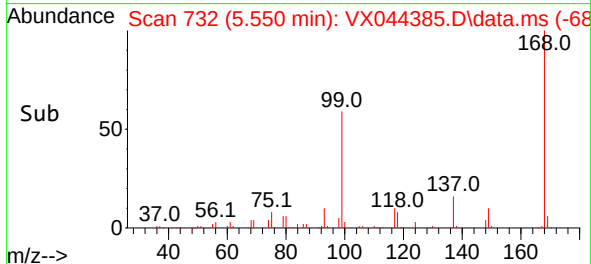


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

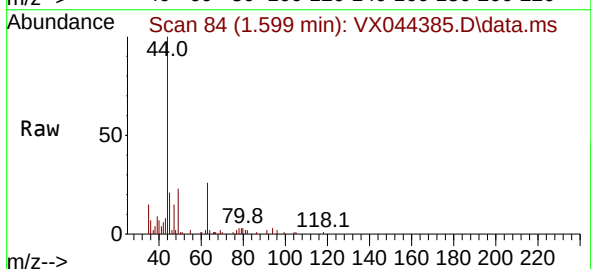
Instrument :
MSVOA_X
ClientSampleId :



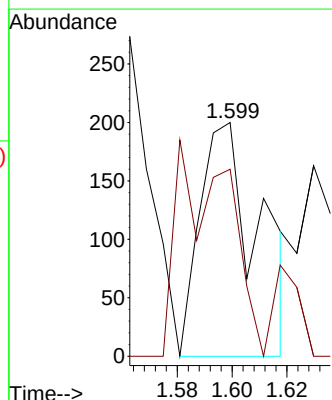
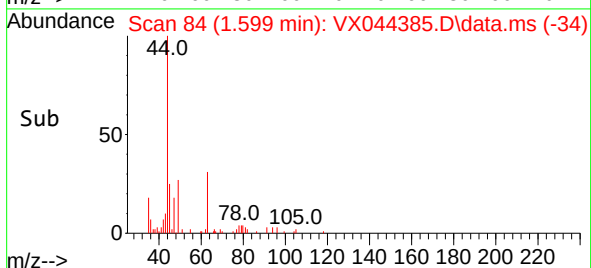
Tgt Ion:168 Resp: 124049
Ion Ratio Lower Upper
168 100
99 58.9 53.4 80.0

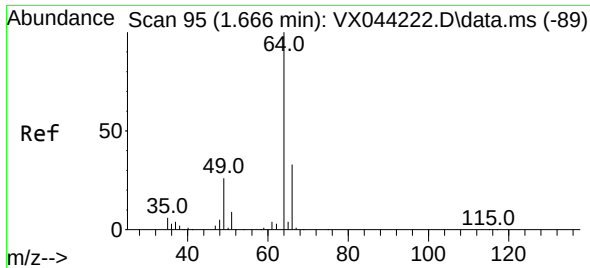


#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58



Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 41.0 74.9 112.3#

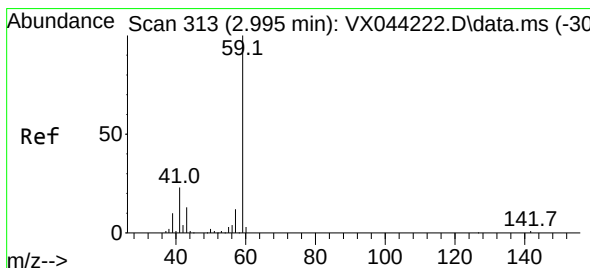
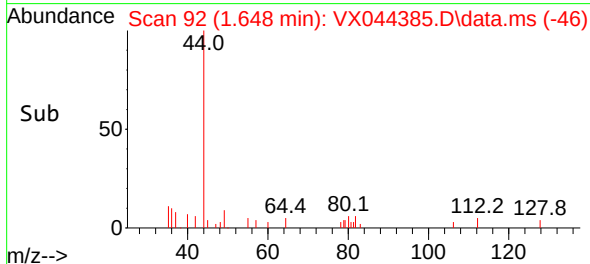
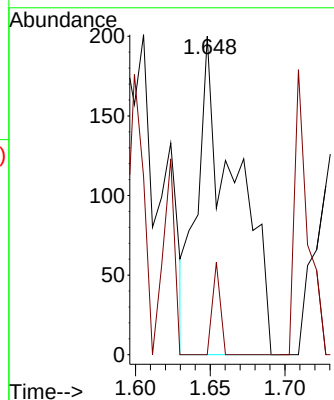
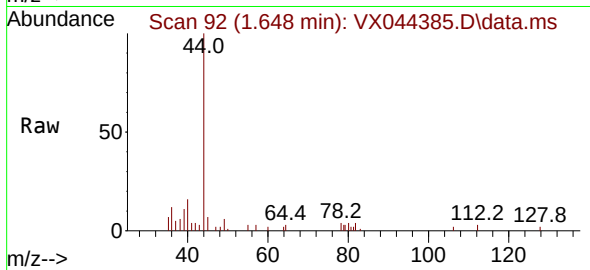




#6
Chloroethane
Concen: 0.298 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

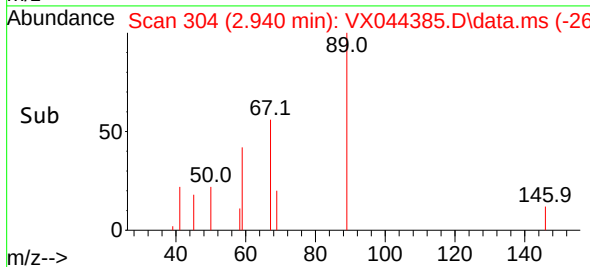
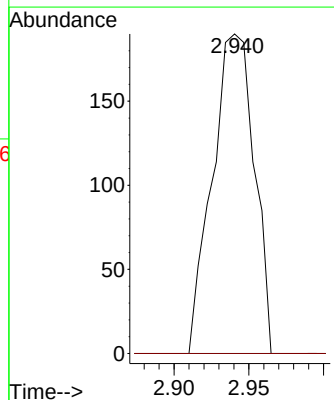
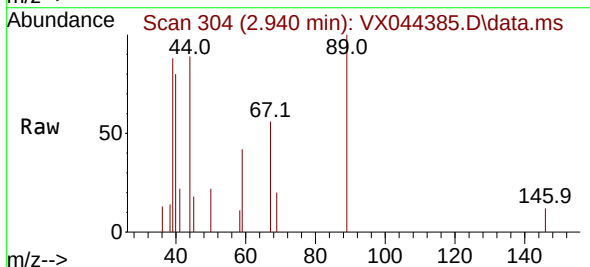
Instrument :
MSVOA_X
ClientSampleId :

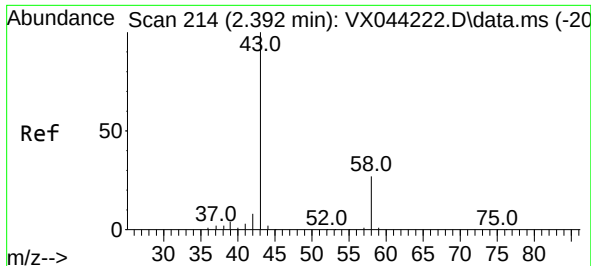
Tgt Ion: 64 Resp: 355
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.210 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

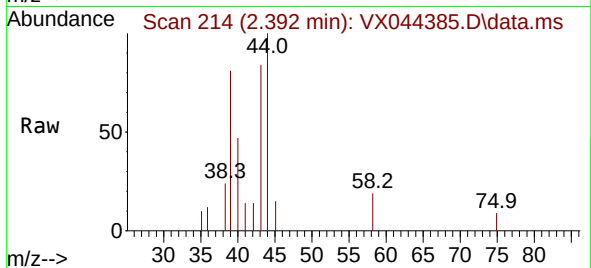
Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



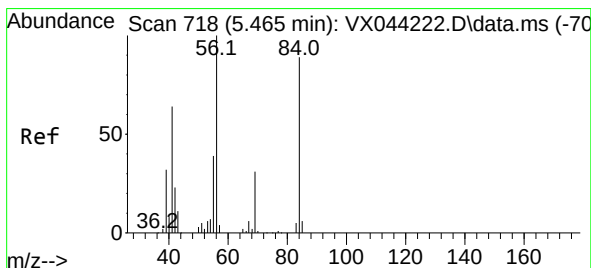
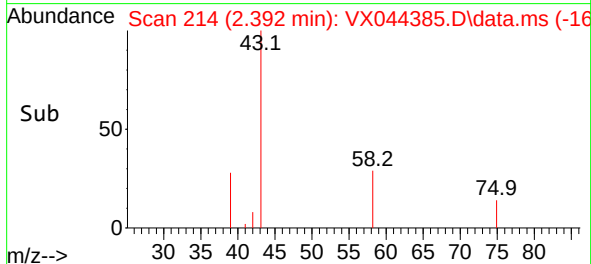
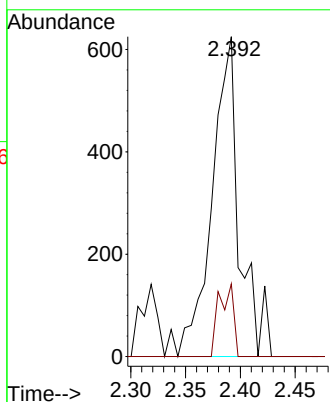


#16
Acetone
Concen: 1.218 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Instrument :
MSVOA_X
ClientSampleId :

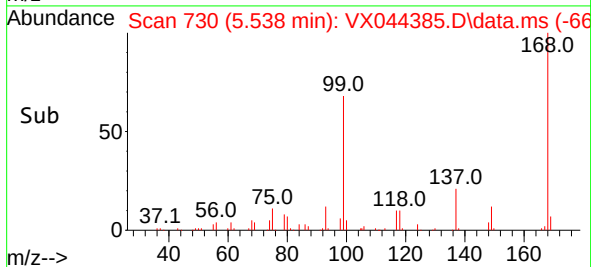
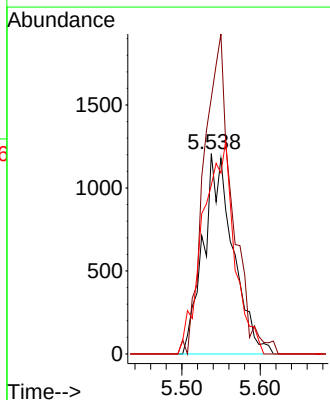
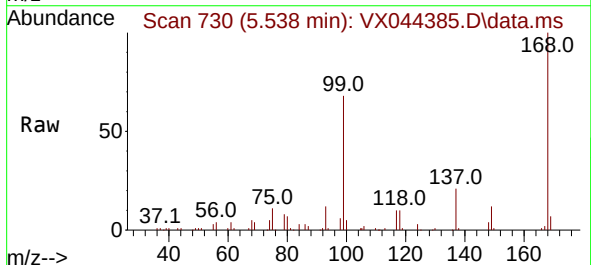


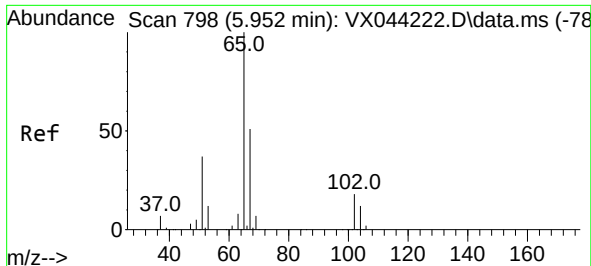
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 22.7 21.6 32.4



#31
Cyclohexane
Concen: 1.361 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Tgt Ion: 56 Resp: 3194
Ion Ratio Lower Upper
56 100
69 127.8 24.7 37.1#
84 84.3 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 44.807 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044385.D

Acq: 18 Dec 2024 15:58

Instrument :

MSVOA_X

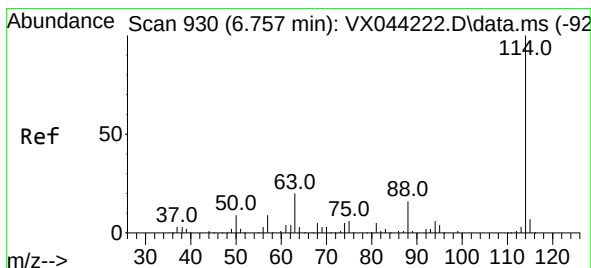
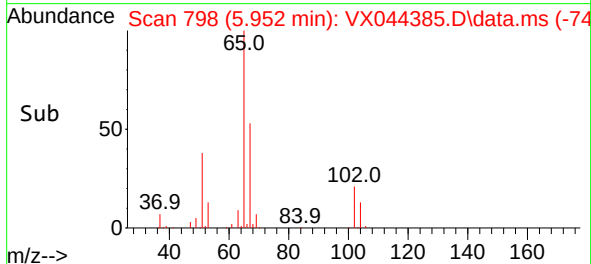
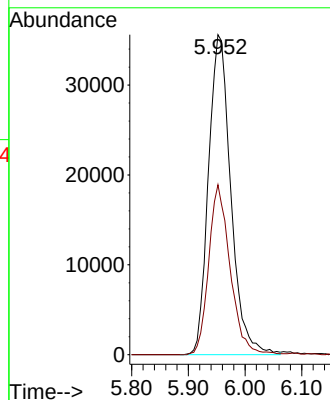
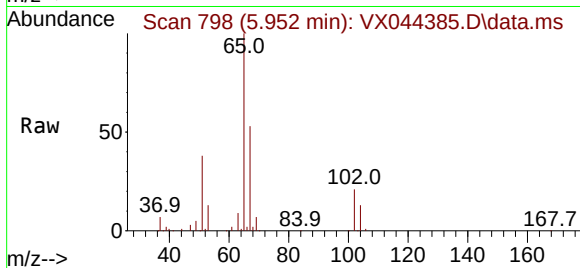
ClientSampleId :

Tgt Ion: 65 Resp: 97454

Ion Ratio Lower Upper

65 100

67 51.0 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: VX044385.D

Acq: 18 Dec 2024 15:58

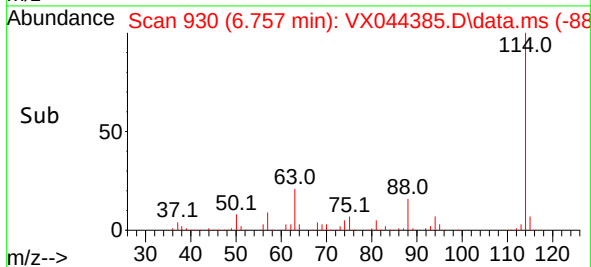
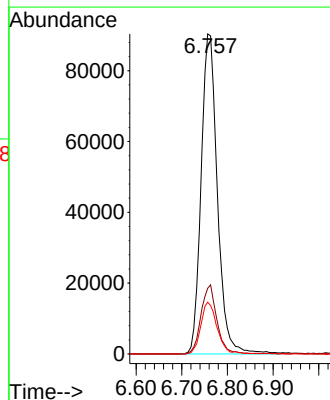
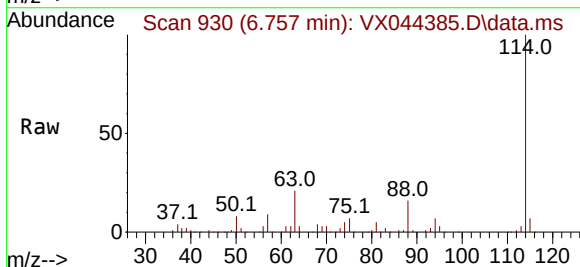
Tgt Ion: 114 Resp: 223373

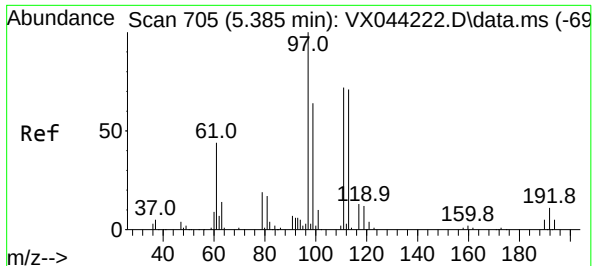
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.032 ug/l

RT: 5.385 min Scan# 70

Delta R.T. -0.000 min

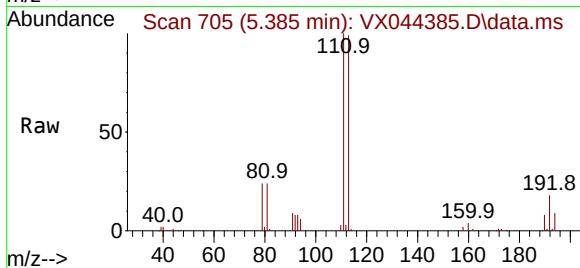
Lab File: VX044385.D

Acq: 18 Dec 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :



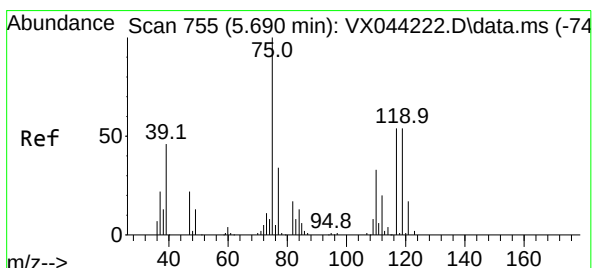
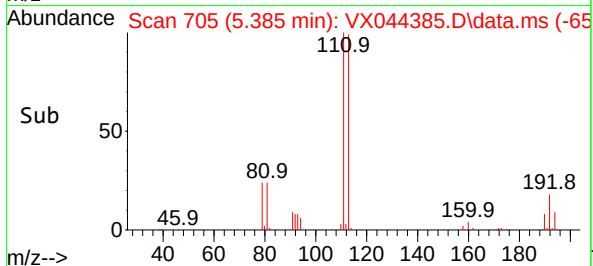
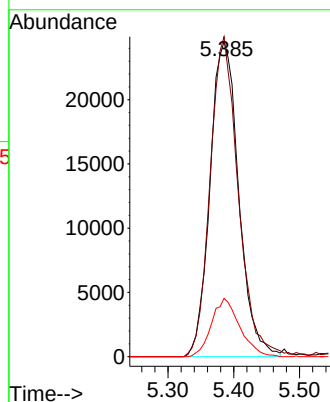
Tgt Ion:113 Resp: 74309

Ion Ratio Lower Upper

113 100

111 99.6 80.4 120.6

192 18.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.450 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.153 min

Lab File: VX044385.D

Acq: 18 Dec 2024 15:58

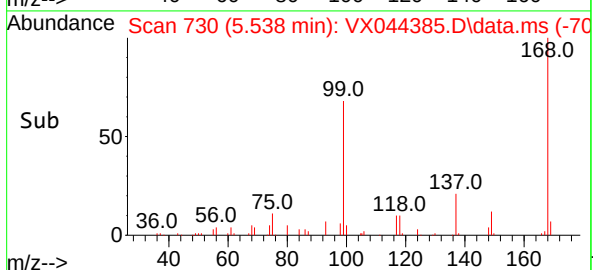
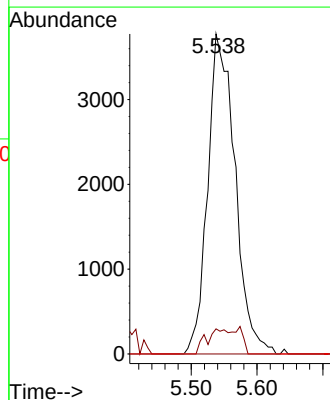
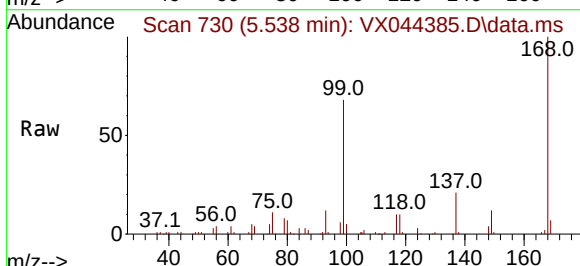
Tgt Ion: 75 Resp: 10899

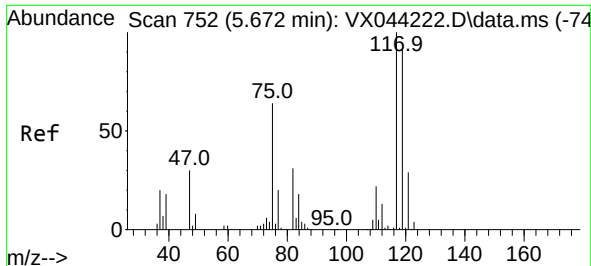
Ion Ratio Lower Upper

75 100

110 6.1 17.3 51.7#

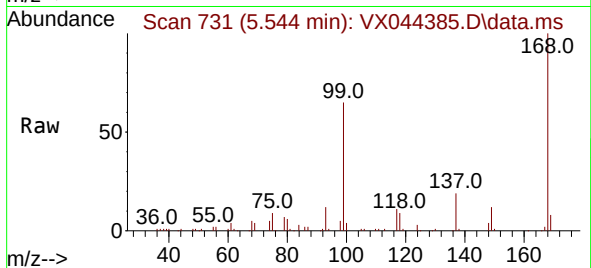
77 0.0 25.4 38.0#



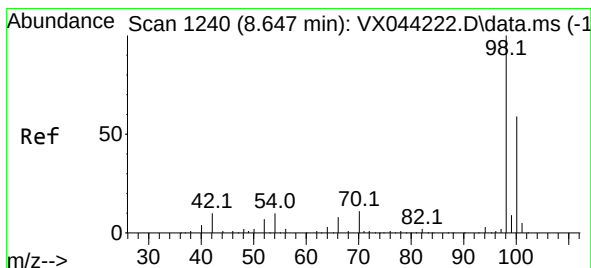
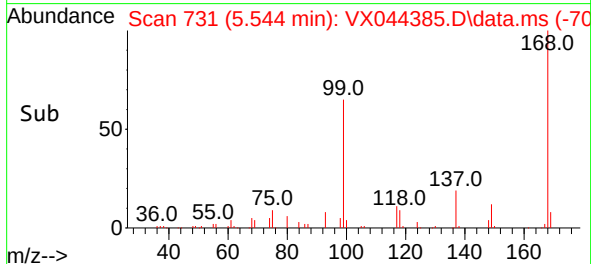
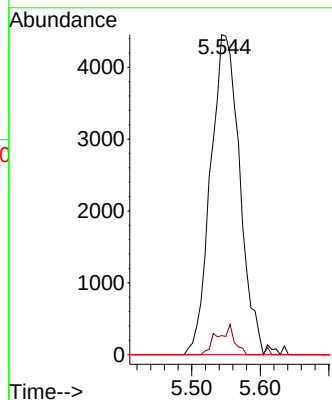


#38
Carbon Tetrachloride
Concen: 6.127 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Instrument :
MSVOA_X
ClientSampleId :

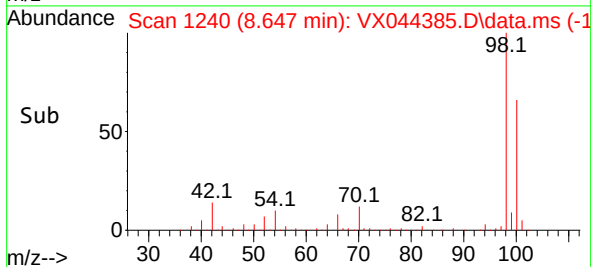
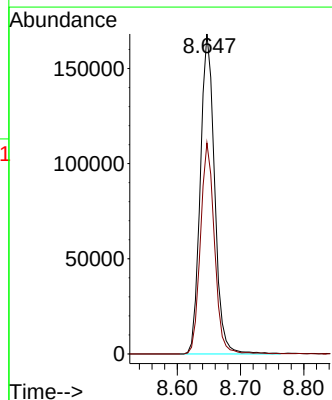
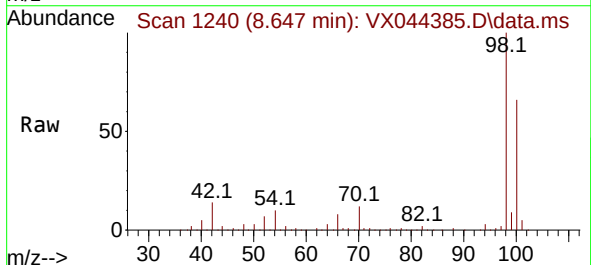


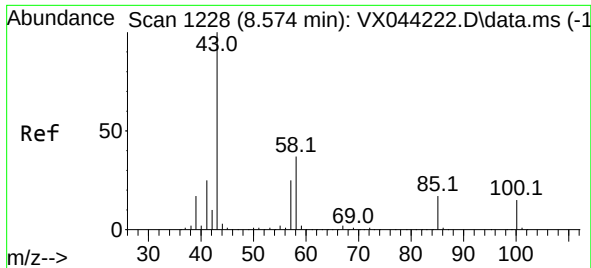
Tgt Ion:117 Resp: 13191
Ion Ratio Lower Upper
117 100
119 5.9 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.830 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Tgt Ion: 98 Resp: 265300
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

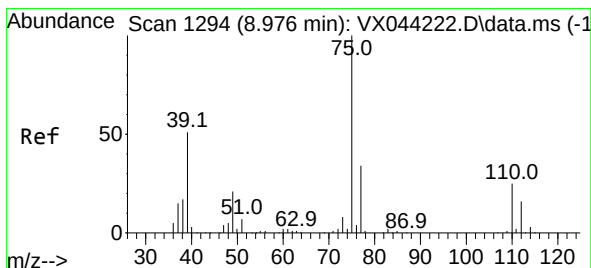
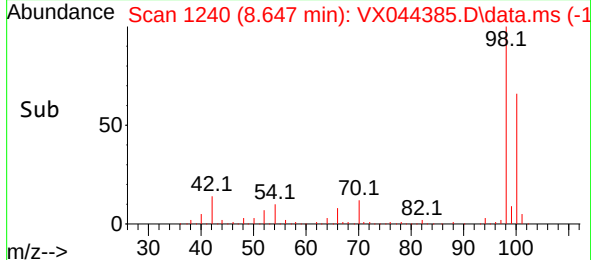
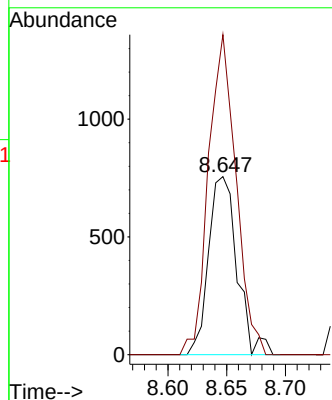
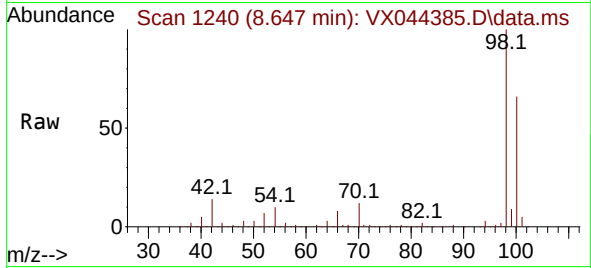




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

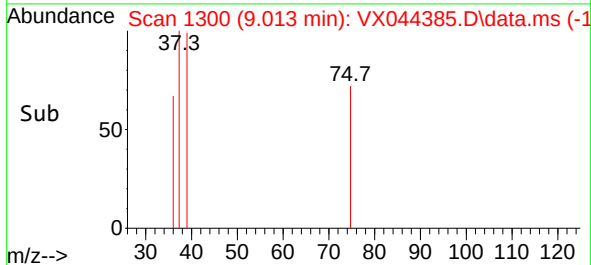
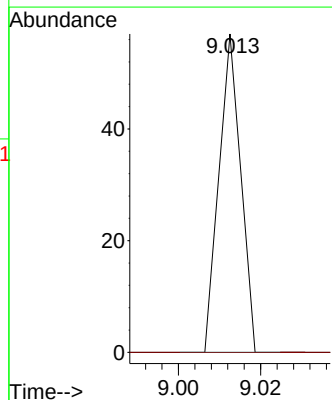
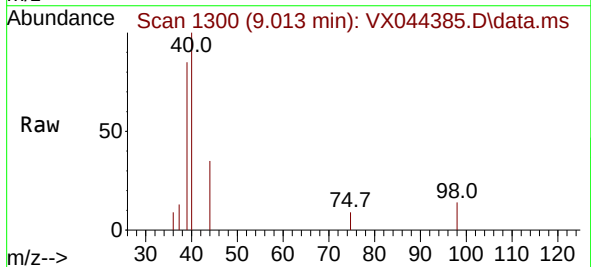
Instrument :
MSVOA_X
ClientSampleId :

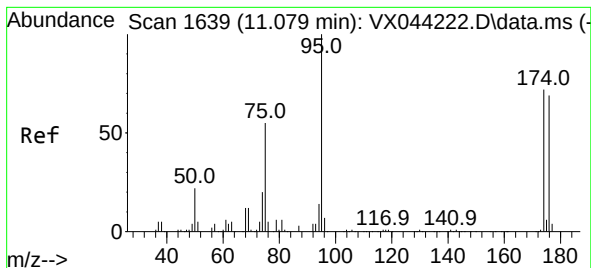
Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 174.0 29.4 44.0#



#53
t-1,3-Dichloropropene
Concen: 1.006 ug/l
RT: 9.013 min Scan# 1300
Delta R.T. 0.036 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#

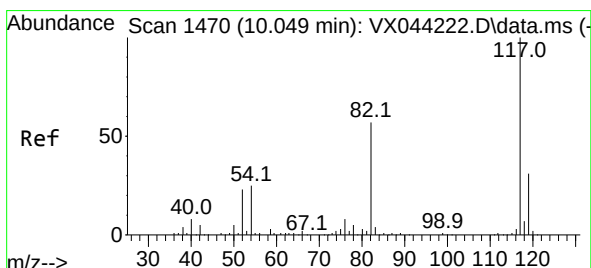
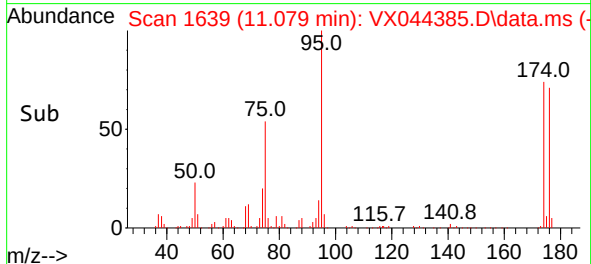
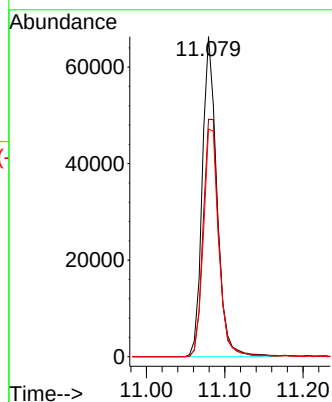
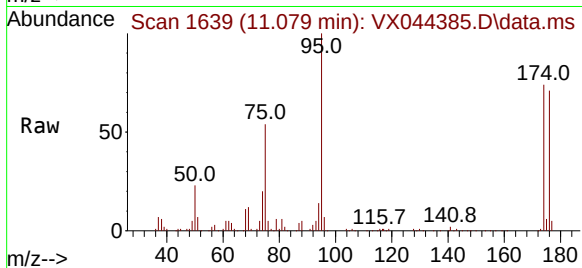




#62
4-Bromofluorobenzene
Concen: 47.218 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

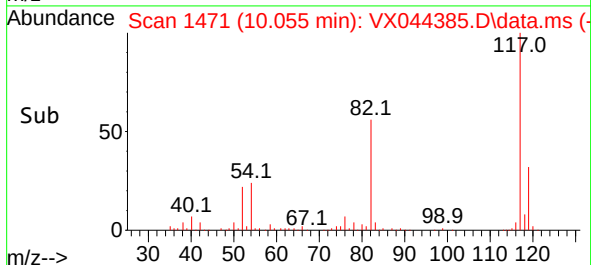
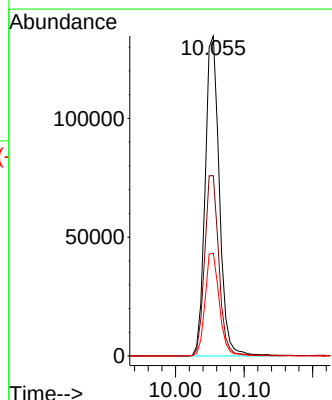
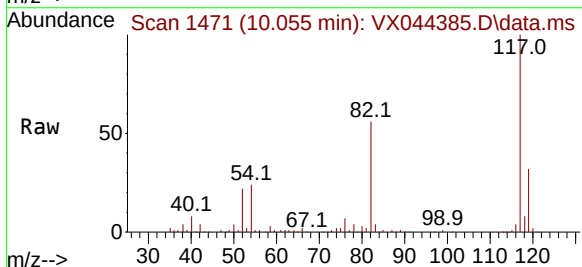
Instrument :
MSVOA_X
ClientSampleId :

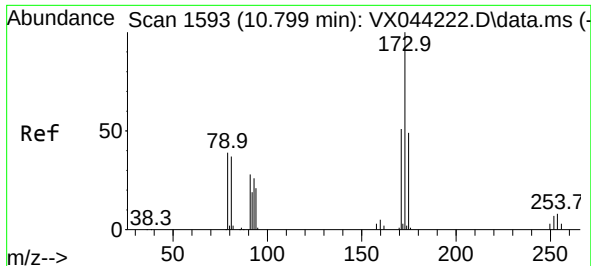
Tgt Ion: 95 Resp: 86115
Ion Ratio Lower Upper
95 100
174 79.4 0.0 145.8
176 74.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

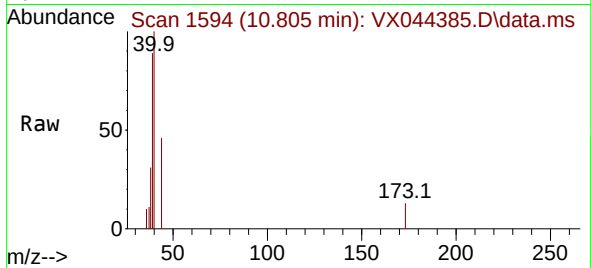
Tgt Ion: 117 Resp: 194667
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.8
119 32.1 25.0 37.4



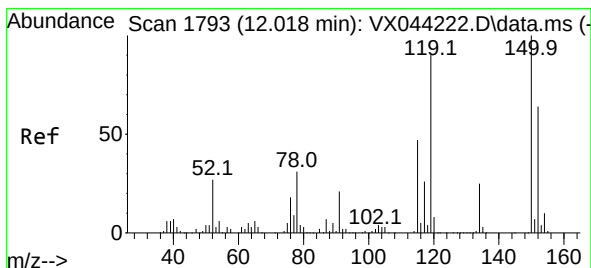
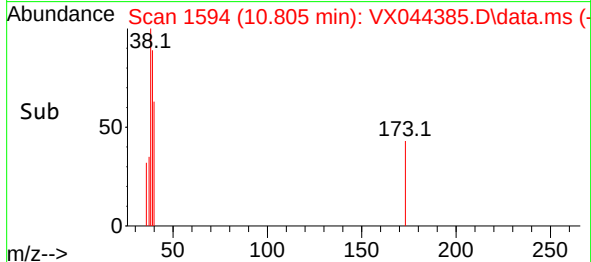
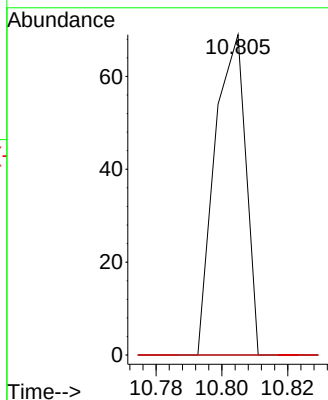


#71
Bromoform
Concen: 1.282 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Instrument :
MSVOA_X
ClientSampleId :

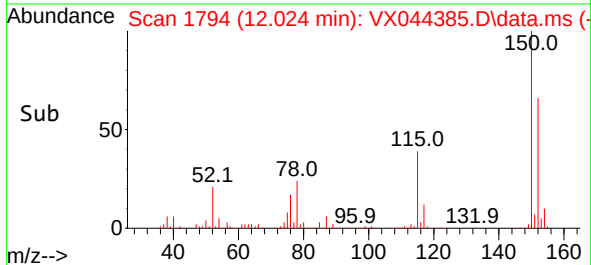
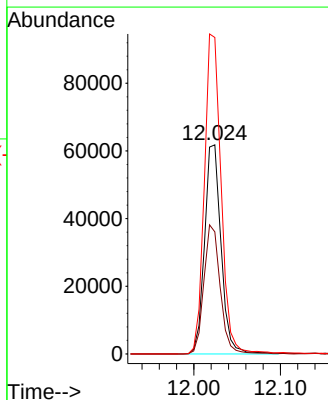
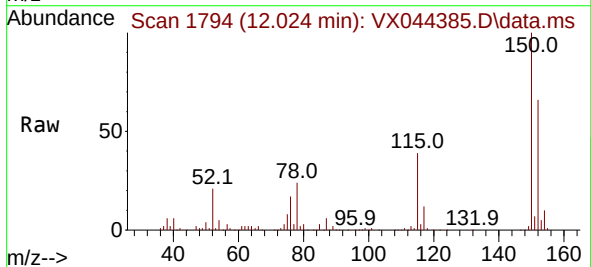


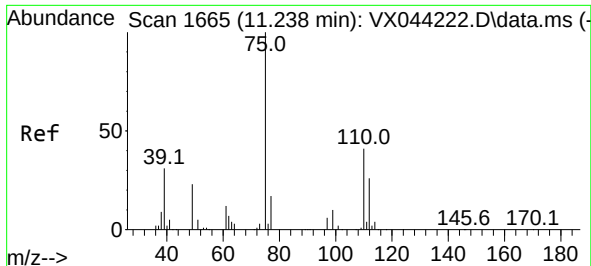
Tgt Ion:173 Resp: 45
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Tgt Ion:152 Resp: 82050
Ion Ratio Lower Upper
152 100
115 61.2 44.5 133.3
150 155.3 0.0 353.8

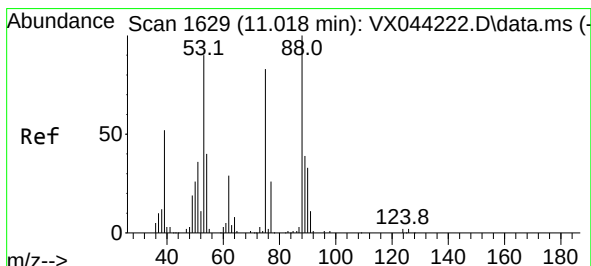
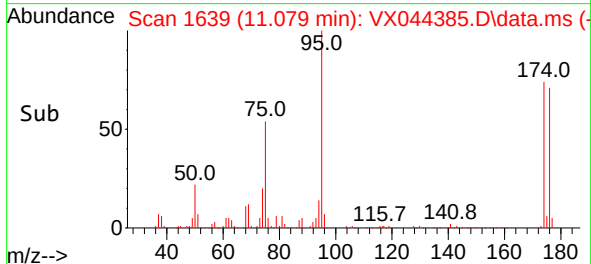
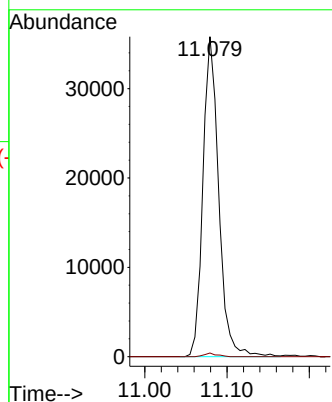
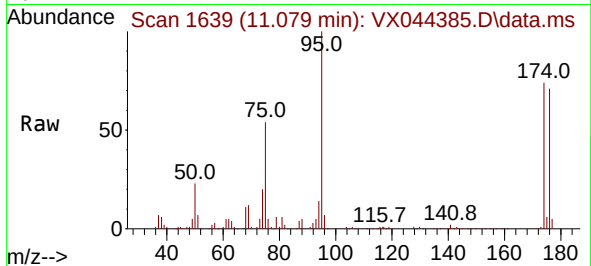




#76
1,2,3-Trichloropropane
Concen: 26.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47955
Ion Ratio Lower Upper
75 100
77 0.9 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044385.D
Acq: 18 Dec 2024 15:58

Tgt Ion: 75 Resp: 47955
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

