

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043304.D
 Acq On : 07 Oct 2024 11:07
 Operator : JC/MD
 Sample : P4300-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 01:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

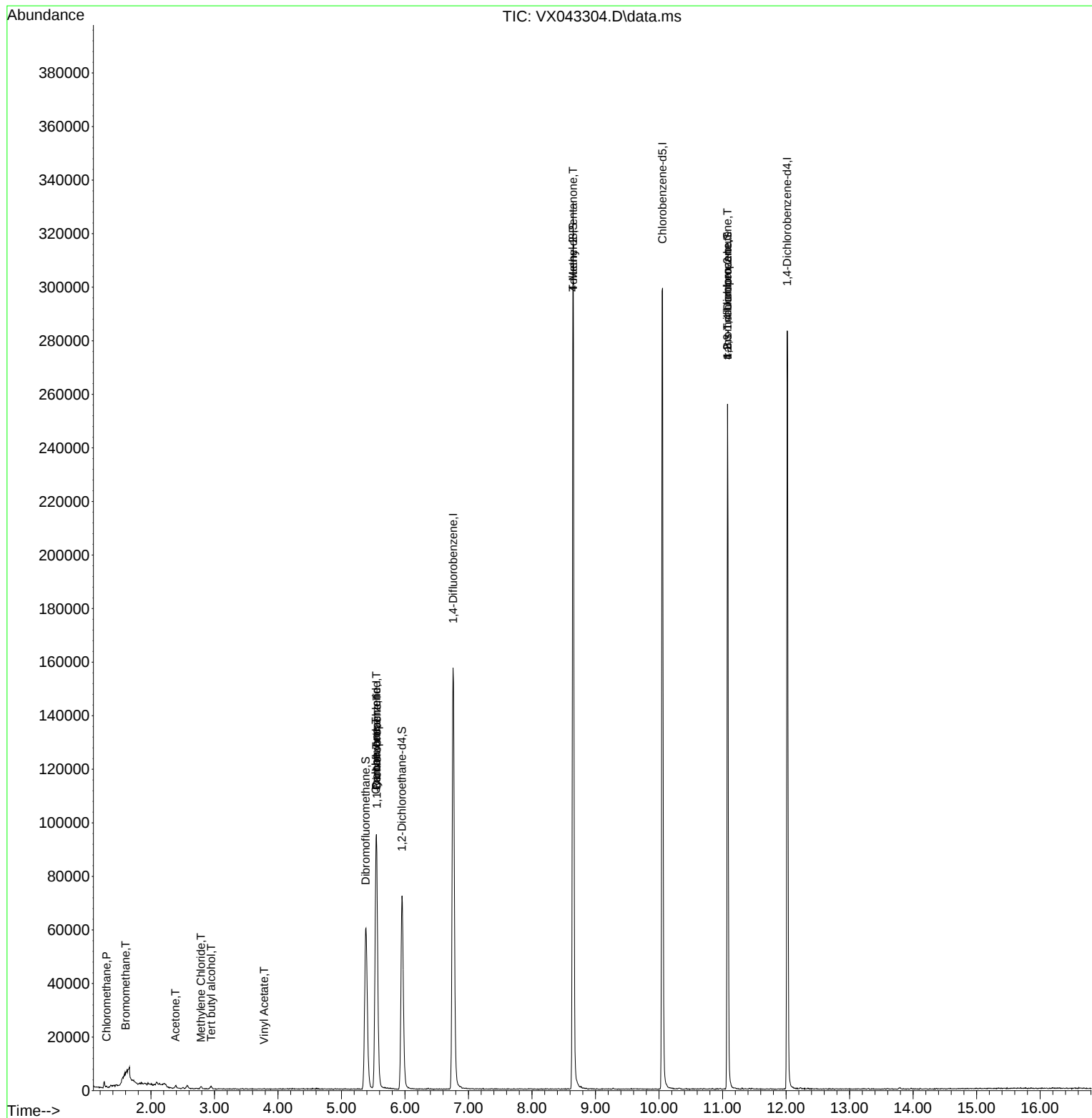
Internal Standards						
1) Pentafluorobenzene	5.550	168	87476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72966	51.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	5.379	113	53762	47.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.140%			
50) Toluene-d8	8.647	98	193774	49.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.960%			
62) 4-Bromofluorobenzene	11.079	95	67696	47.579	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.160%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	274	0.261	ug/l #	42
5) Bromomethane	1.599	94	131	0.305	ug/l	91
11) Tert butyl alcohol	2.947	59	335	1.232	ug/l #	71
16) Acetone	2.386	43	1436	2.407	ug/l #	85
20) Methylene Chloride	2.788	84	461	0.419	ug/l	90
23) Vinyl Acetate	3.782	43	91	6.364	ug/l #	71
31) Cyclohexane	5.544	56	2099	1.362	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	7308	5.119	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9417	5.572	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1012	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36924	28.916	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	36924	74.940	ug/l #	8

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

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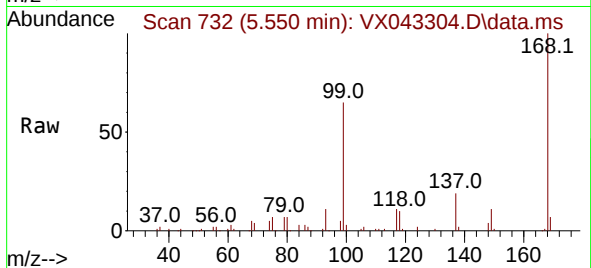
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



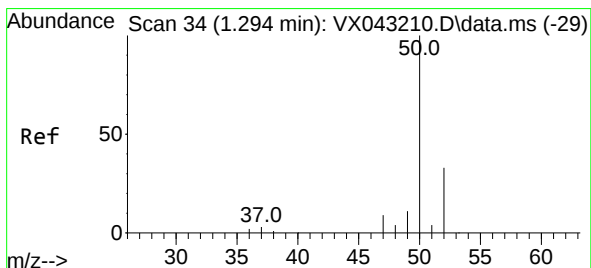
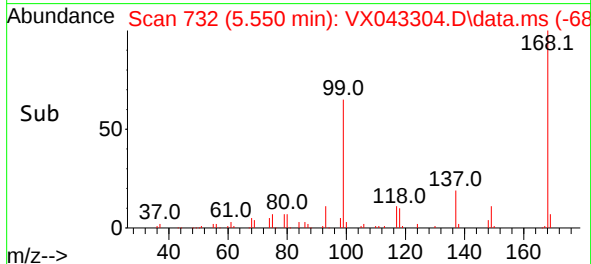
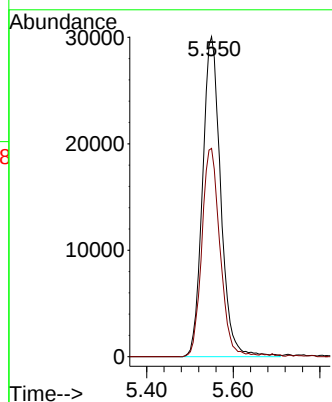


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

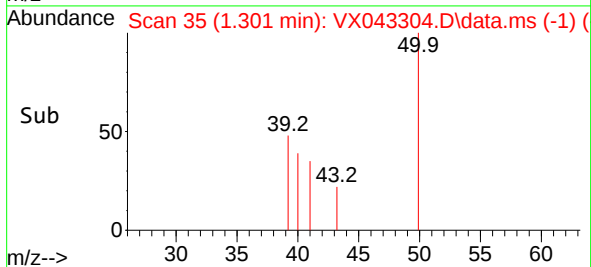
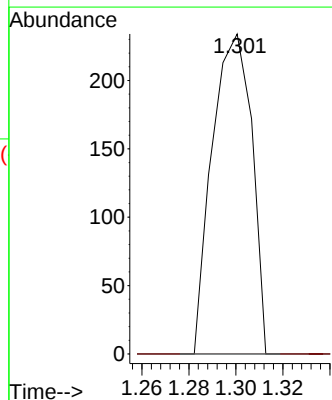
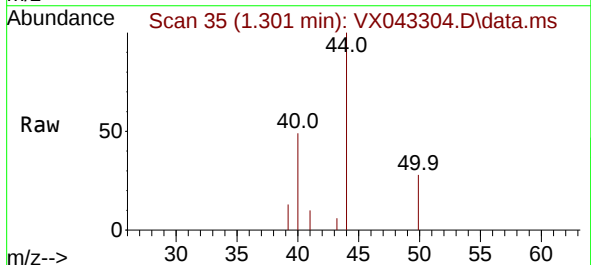


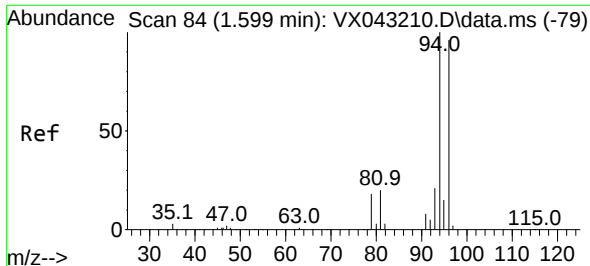
Tgt Ion:168 Resp: 87476
Ion Ratio Lower Upper
168 100
99 65.1 49.7 74.5



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Tgt Ion: 50 Resp: 274
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

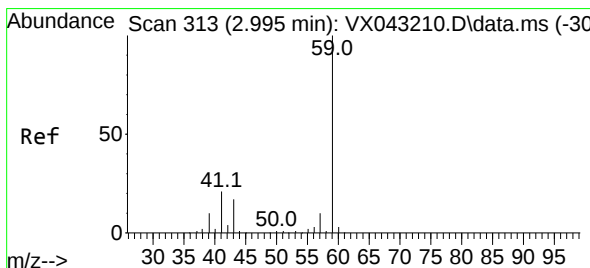
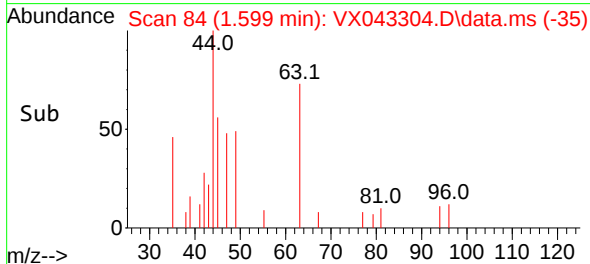
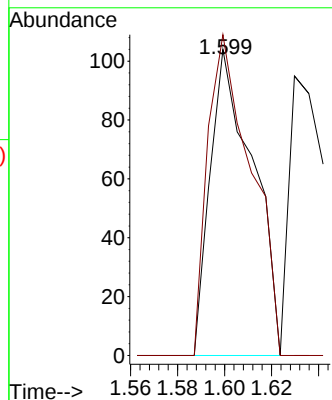
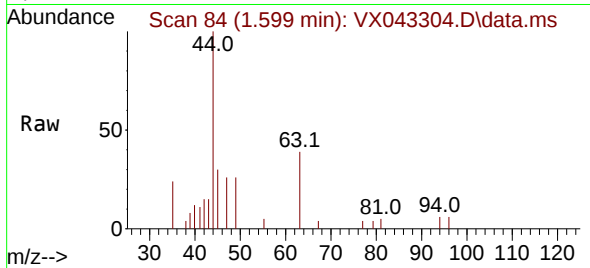




#5
Bromomethane
Concen: 0.305 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

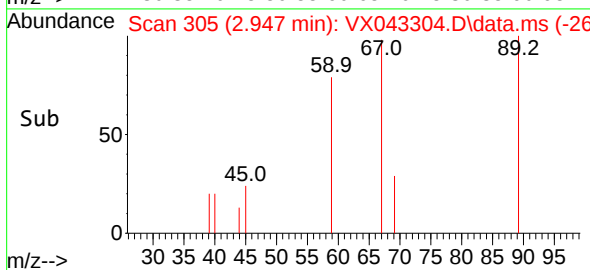
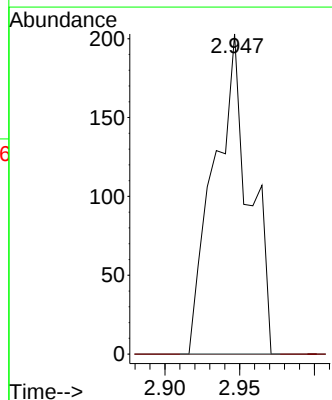
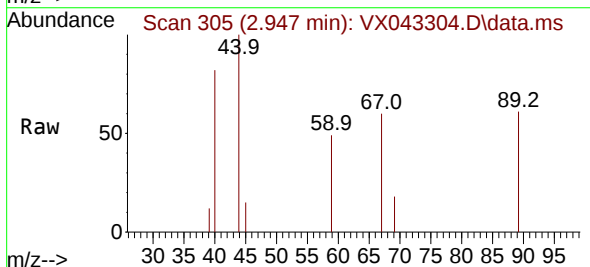
Instrument :
MSVOA_X
ClientSampleId :

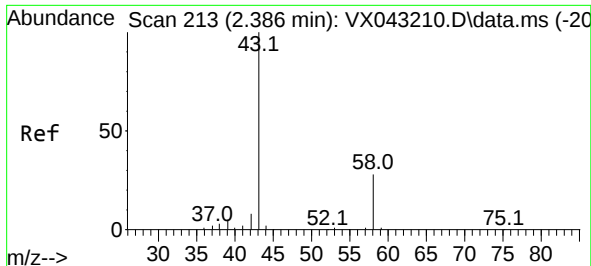
Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 104.8 76.6 115.0



#11
Tert butyl alcohol
Concen: 1.232 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

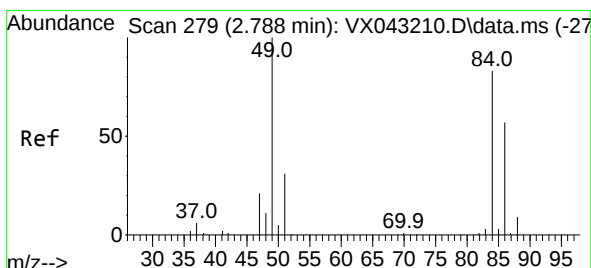
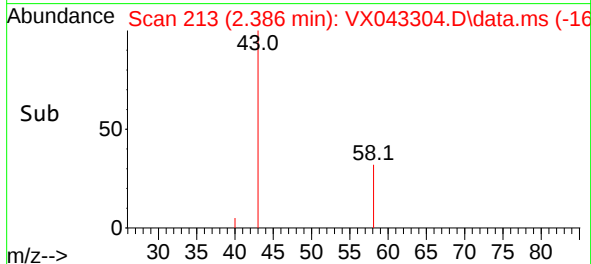
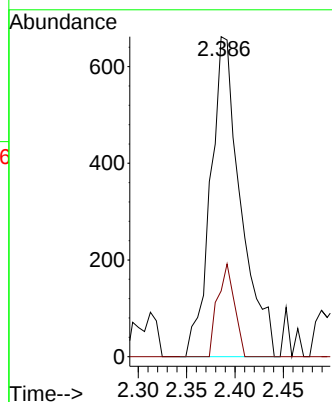
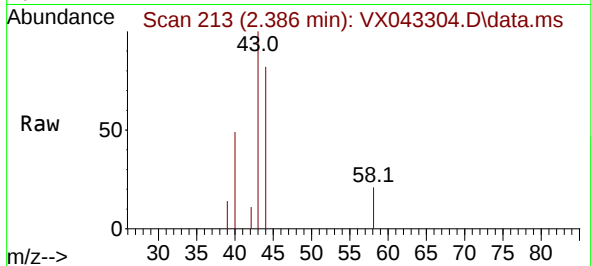




#16
Acetone
Concen: 2.407 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

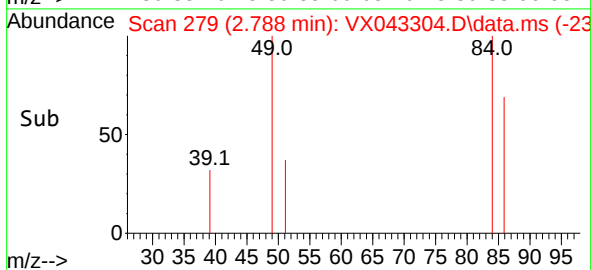
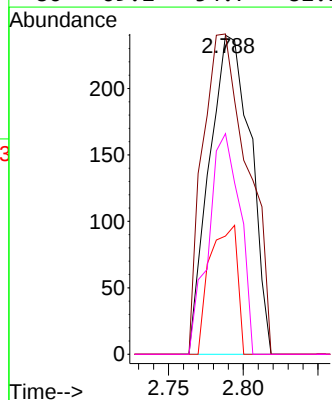
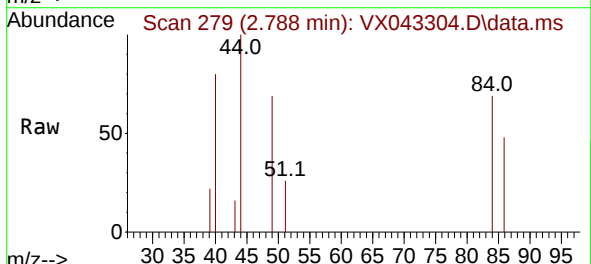
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 20.5 22.6 33.8#



#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Tgt Ion: 84 Resp: 461
Ion Ratio Lower Upper
84 100
49 100.4 96.7 145.1
51 37.1 30.4 45.6
86 69.2 54.7 82.1

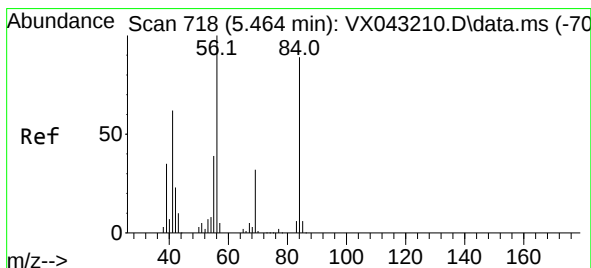
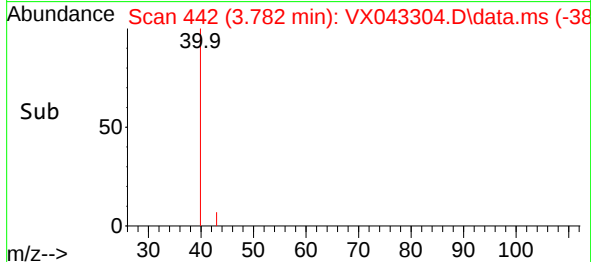
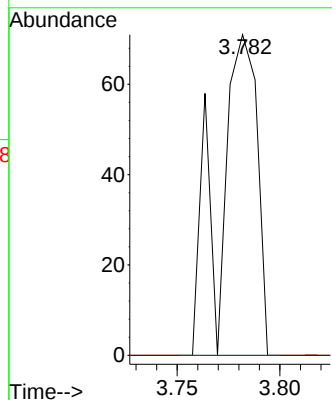
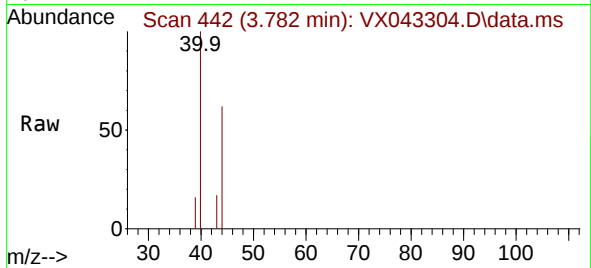




#23
Vinyl Acetate
Concen: 6.364 ug/l
RT: 3.782 min Scan# 44
Delta R.T. 0.061 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

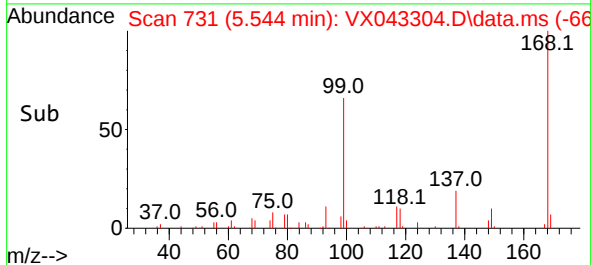
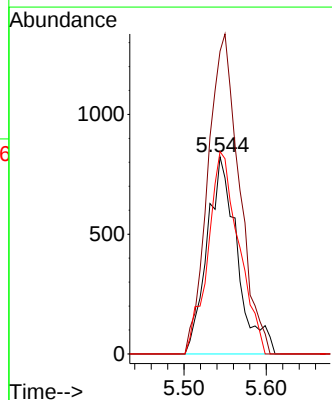
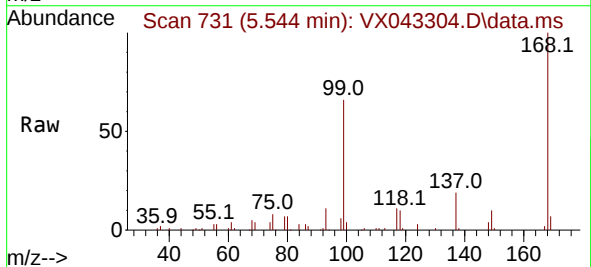
Instrument :
MSVOA_X
ClientSampleId :

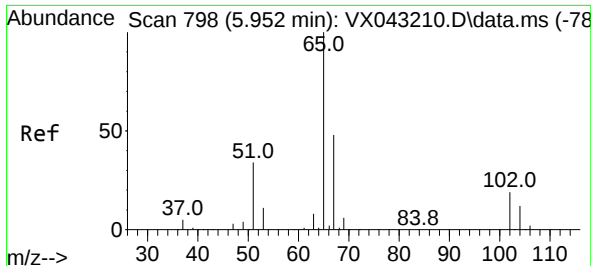
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
69 153.6 25.8 38.6#
84 102.7 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 51.075 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

Instrument :

MSVOA_X

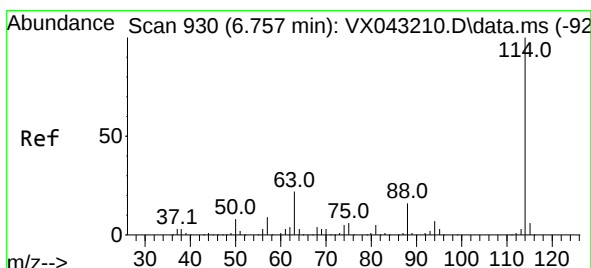
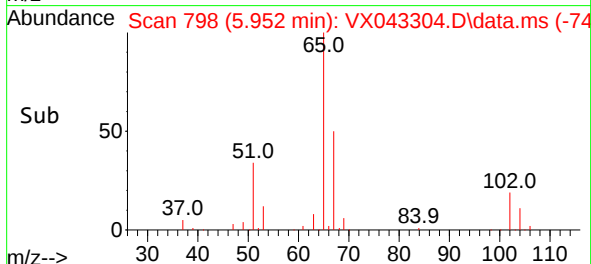
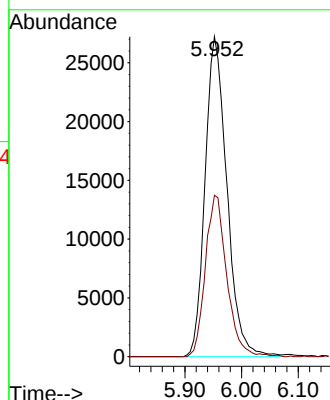
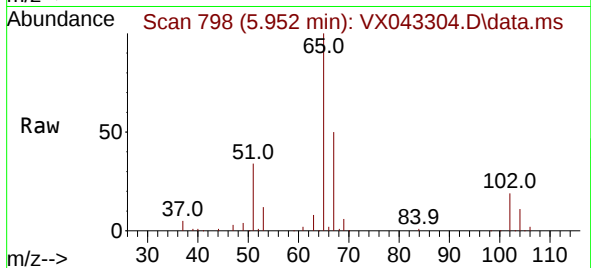
ClientSampleId :

Tgt Ion: 65 Resp: 72966

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

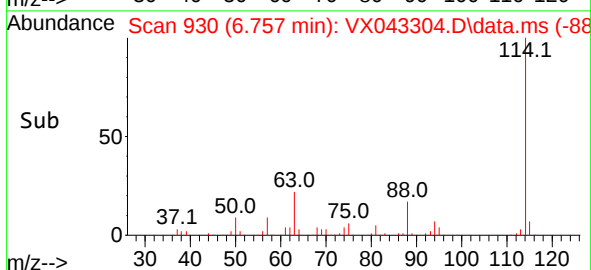
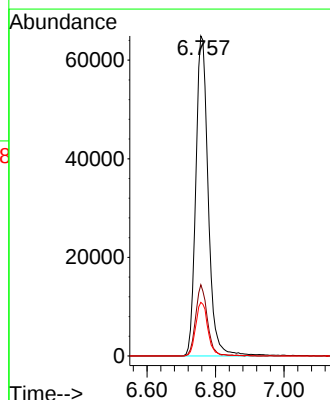
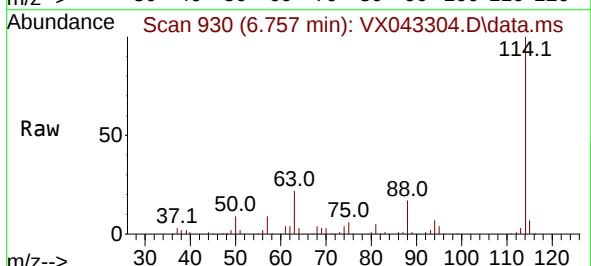
Tgt Ion: 114 Resp: 163874

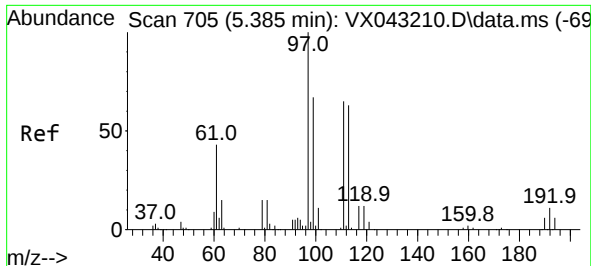
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.571 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

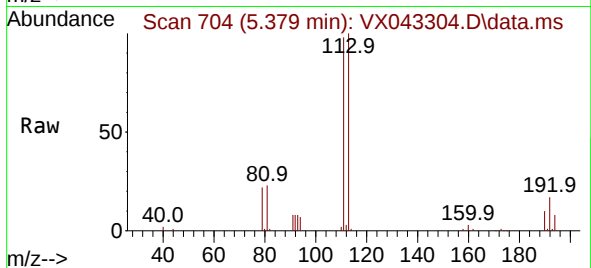
Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

Instrument :

MSVOA_X

ClientSampleId :



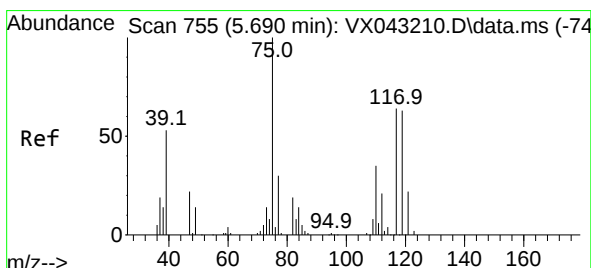
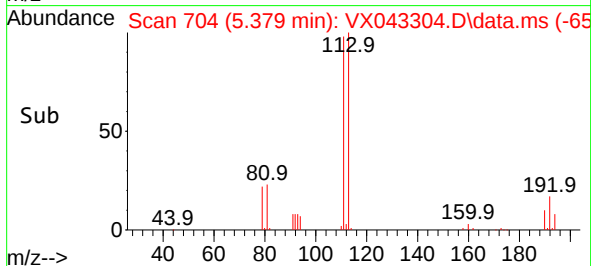
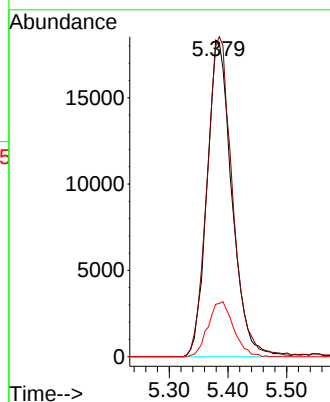
Tgt Ion:113 Resp: 53762

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 17.8 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.119 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

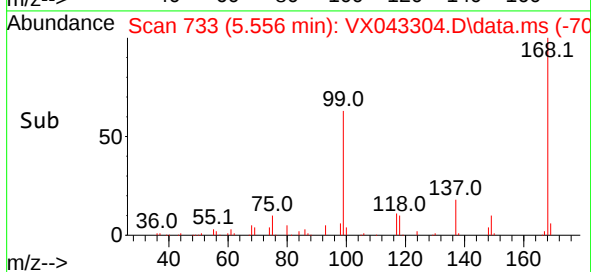
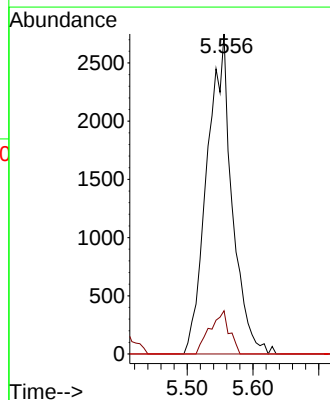
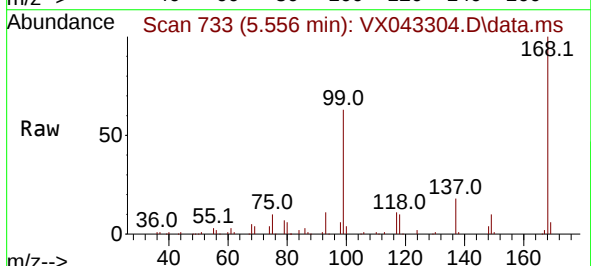
Tgt Ion: 75 Resp: 7308

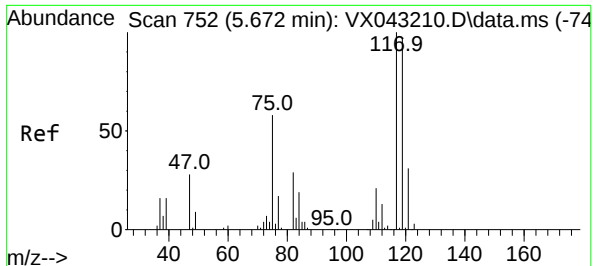
Ion Ratio Lower Upper

75 100

110 10.4 17.8 53.3#

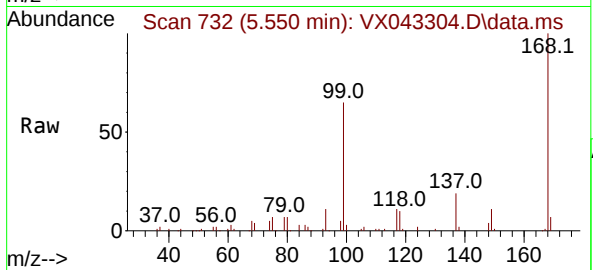
77 0.0 24.9 37.3#



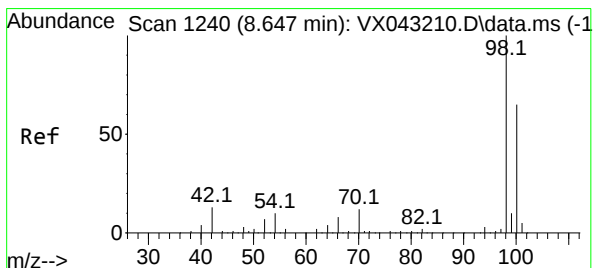
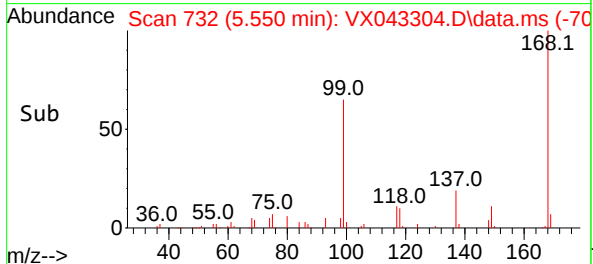
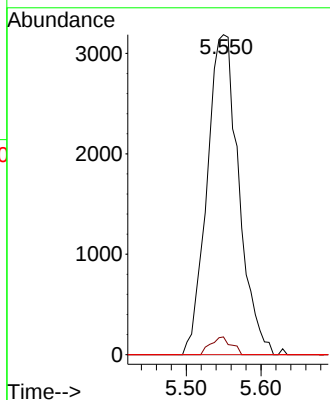


#38
Carbon Tetrachloride
Concen: 5.572 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

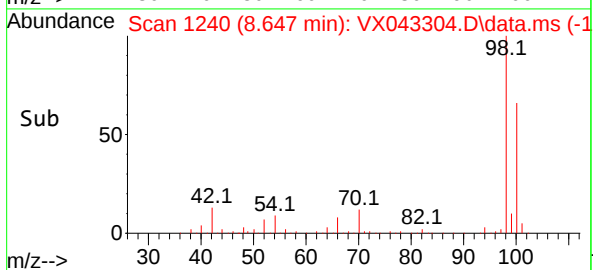
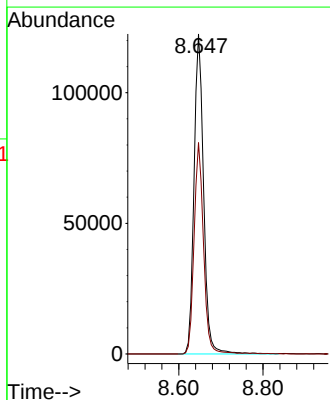
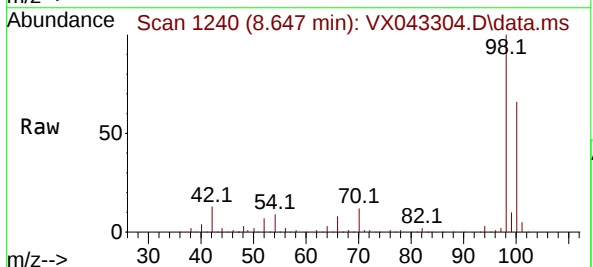


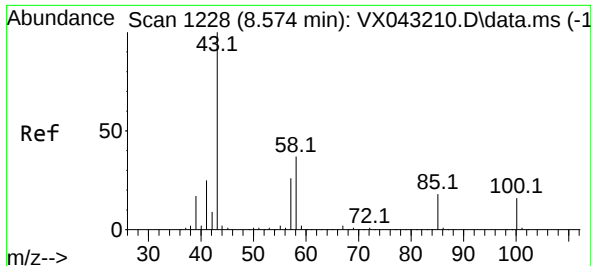
Tgt Ion:117 Resp: 9417
Ion Ratio Lower Upper
117 100
119 5.5 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.477 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Tgt Ion: 98 Resp: 193774
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 0.588 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

Instrument :

MSVOA_X

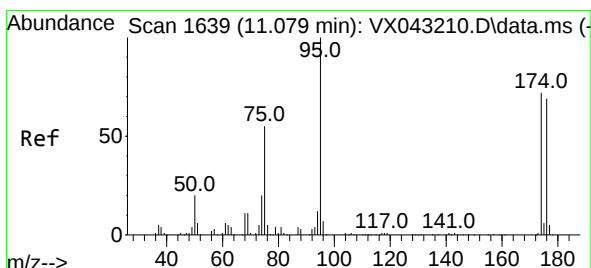
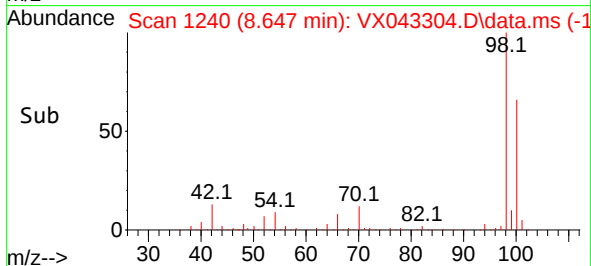
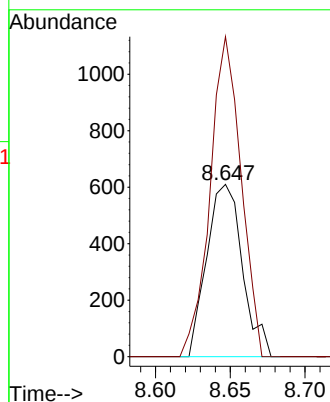
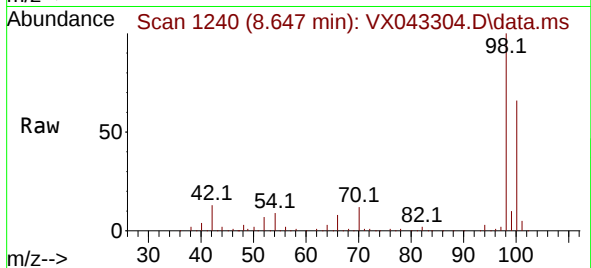
ClientSampleId :

Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

58 161.4 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 47.579 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

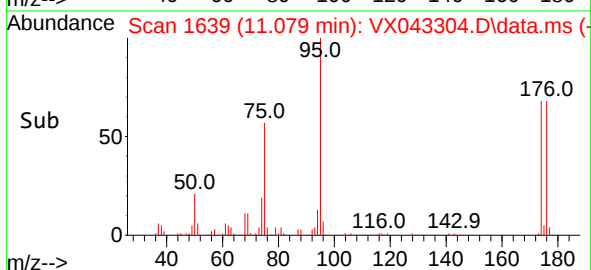
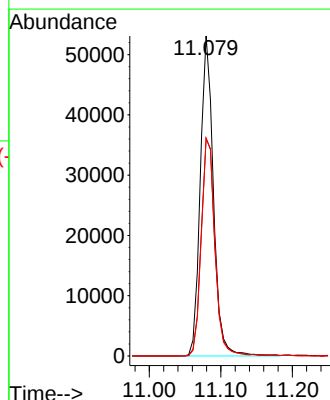
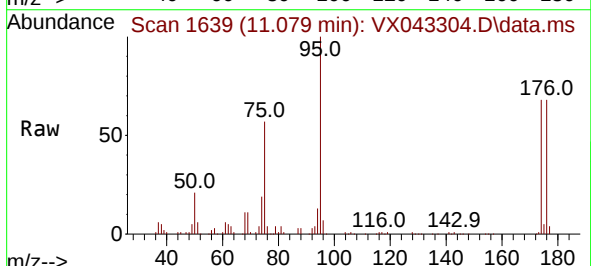
Tgt Ion: 95 Resp: 67696

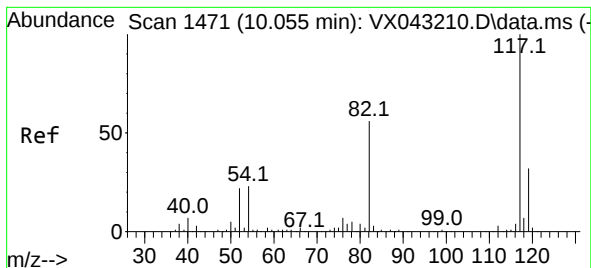
Ion Ratio Lower Upper

95 100

174 71.6 0.0 145.0

176 70.5 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

Instrument :

MSVOA_X

ClientSampleId :

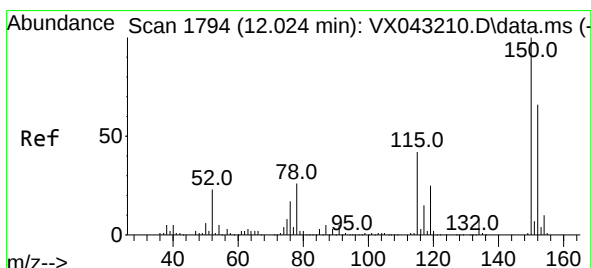
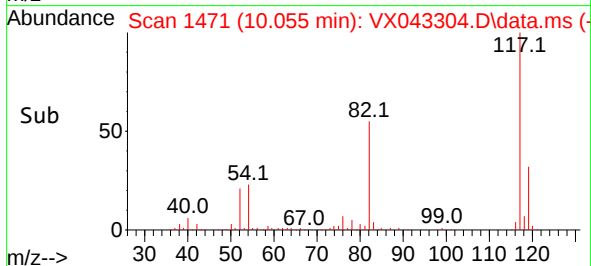
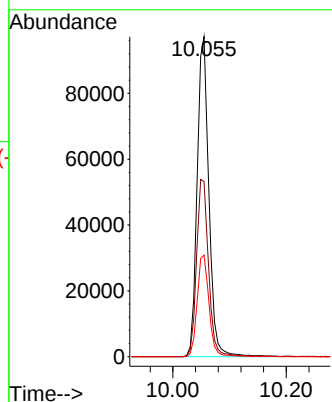
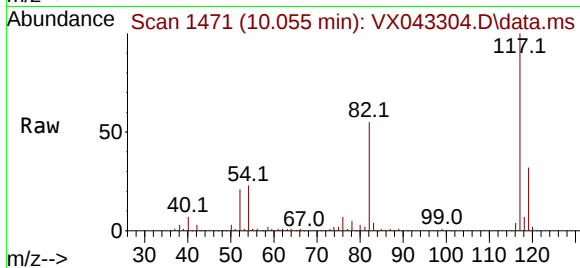
Tgt Ion:117 Resp: 139618

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.6

119 31.8 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043304.D

Acq: 07 Oct 2024 11:07

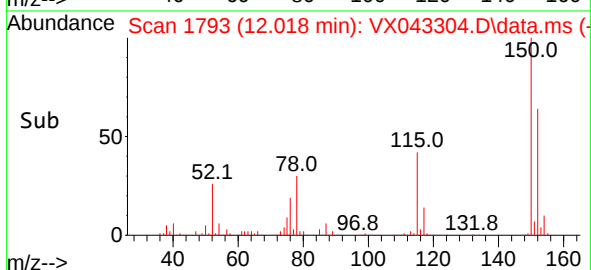
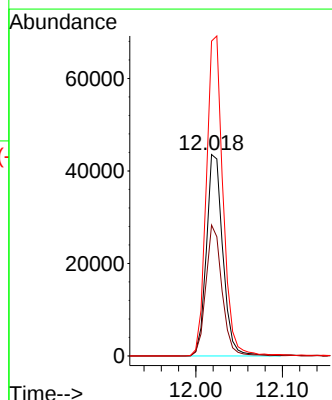
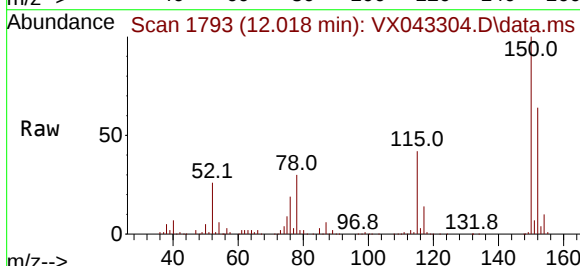
Tgt Ion:152 Resp: 57569

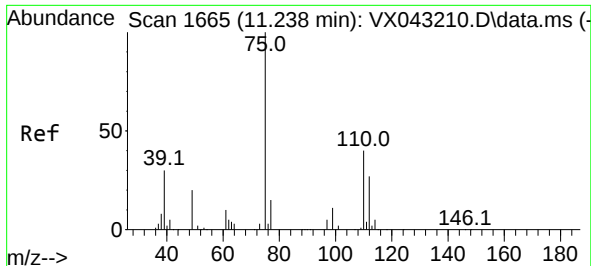
Ion Ratio Lower Upper

152 100

115 63.7 44.1 132.3

150 160.6 0.0 347.4

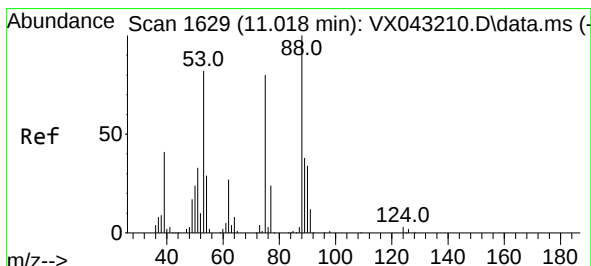
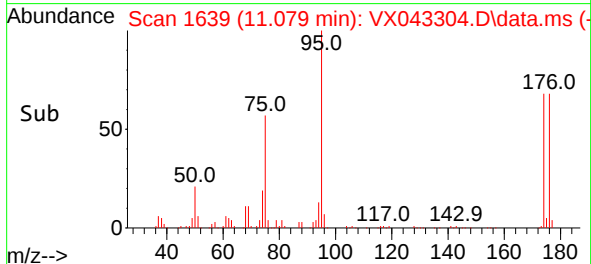
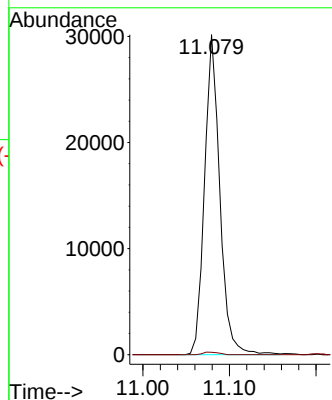
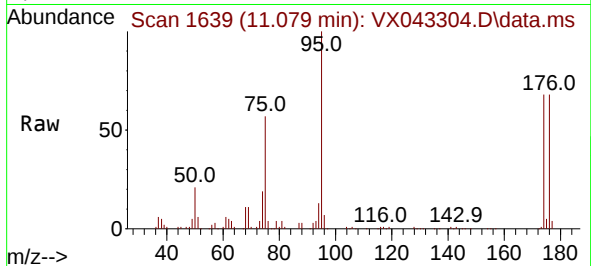




#76
1,2,3-Trichloropropane
Concen: 28.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36924
Ion Ratio Lower Upper
75 100
77 0.8 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043304.D
Acq: 07 Oct 2024 11:07

Tgt Ion: 75 Resp: 36924
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

