

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043634.D
 Acq On : 30 Oct 2024 19:03
 Operator : JC/MD
 Sample : PB164501ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB164501ZHE#12

Quant Time: Oct 31 23:04:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

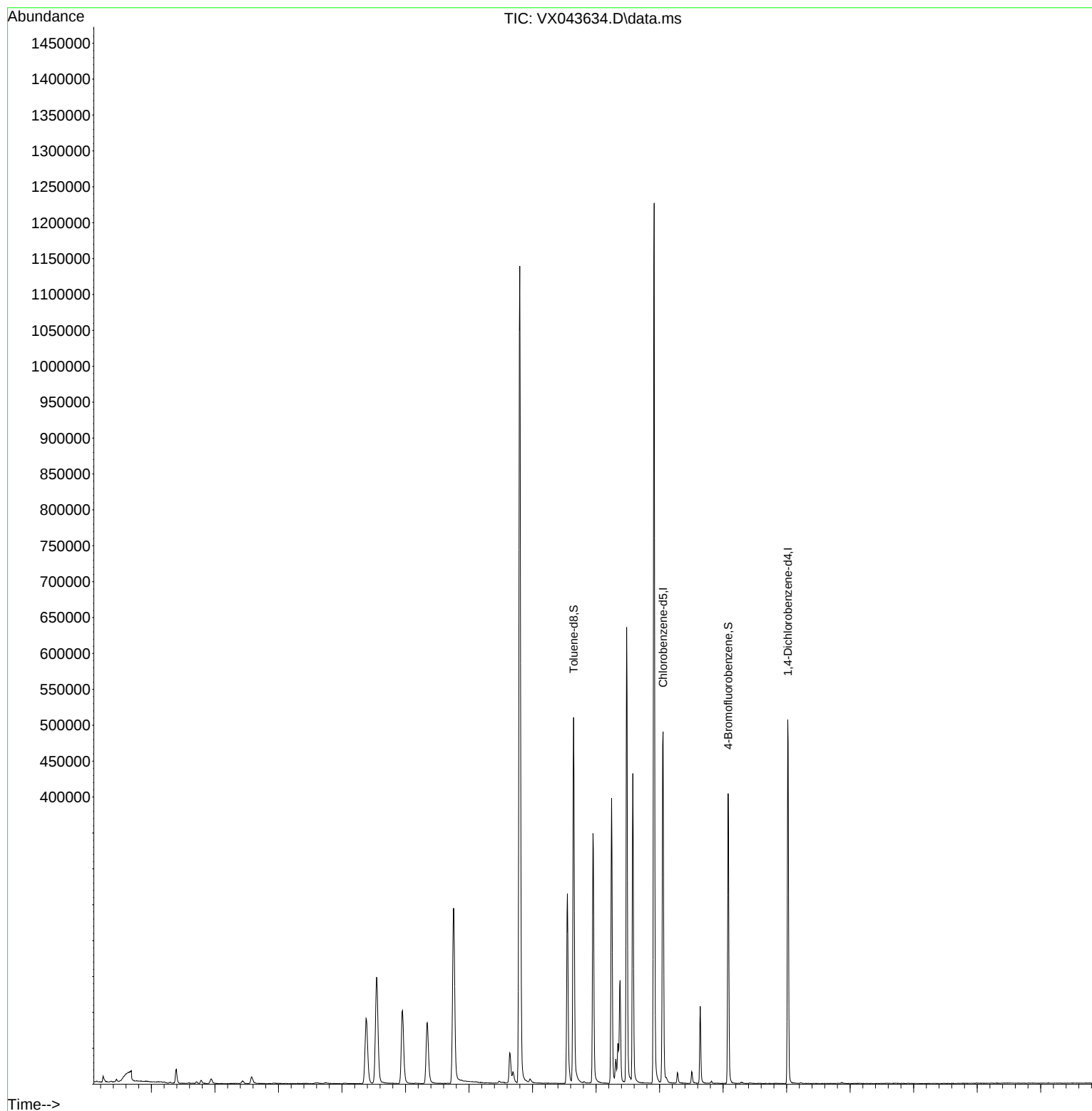
Internal Standards						
1) Pentafluorobenzene	5.544	168	149102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	270998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97261	40.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.820%		
35) Dibromofluoromethane	5.379	113	81719	44.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.940%		
50) Toluene-d8	8.647	98	318032	49.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.000%		
62) 4-Bromofluorobenzene	11.079	95	112824	47.865	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.720%		
Target Compounds						
16) Acetone	2.392	43	21503	22.776	ug/l	94
18) Methyl Acetate	2.709	43	2865	1.038	ug/l	99
20) Methylene Chloride	2.788	84	2393	1.176	ug/l #	86
43) Isopropyl Acetate	6.342	43	123212	28.164	ug/l	99

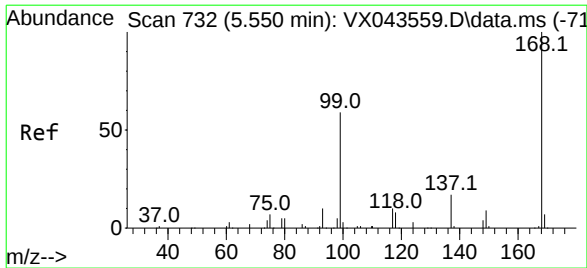
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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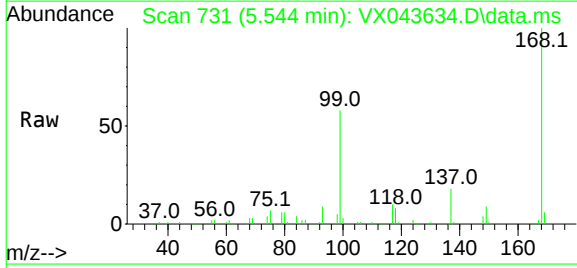
Quant Time: Oct 31 23:04:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
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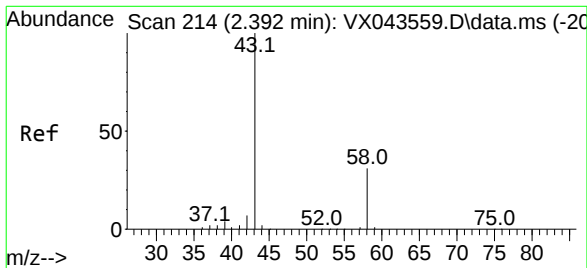
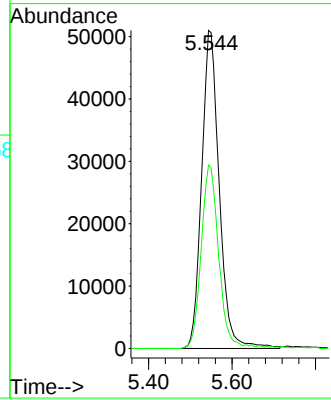
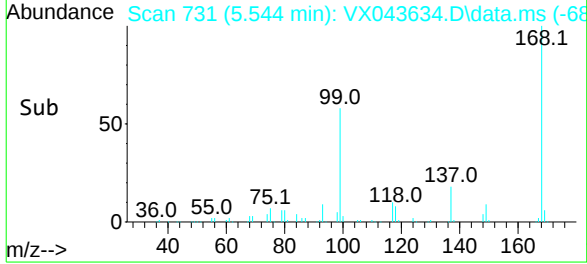


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX043634.D
Acq: 30 Oct 2024 19:03

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#12

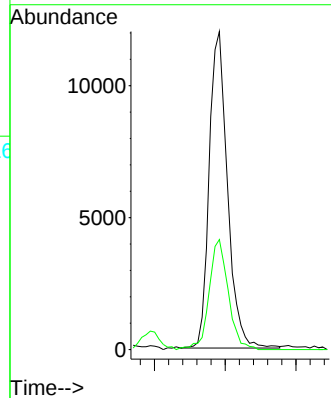
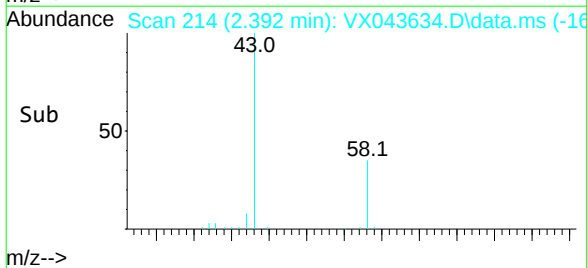
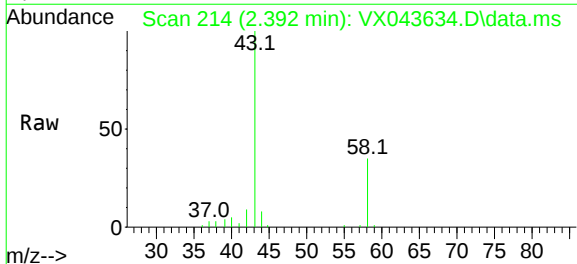


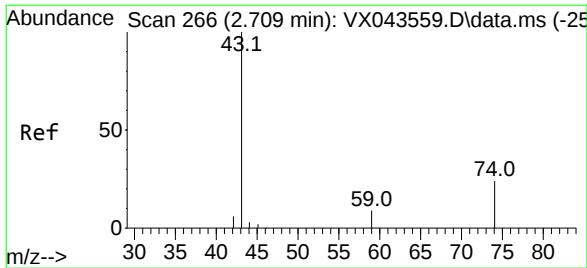
Tgt Ion:168 Resp: 149102
Ion Ratio Lower Upper
168 100
99 57.7 52.6 78.8



#16
Acetone
Concen: 22.776 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043634.D
Acq: 30 Oct 2024 19:03

Tgt Ion: 43 Resp: 21503
Ion Ratio Lower Upper
43 100
58 34.8 25.1 37.7





#18

Methyl Acetate

Concen: 1.038 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX043634.D

Acq: 30 Oct 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

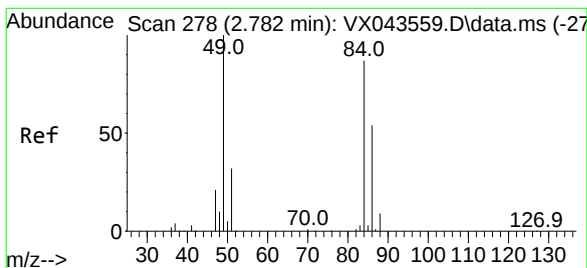
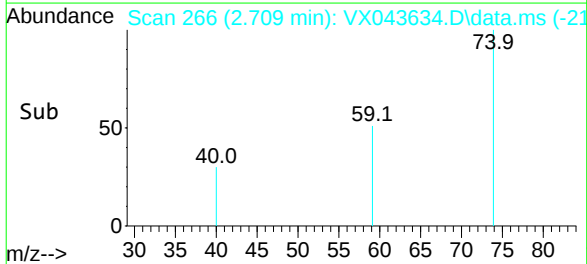
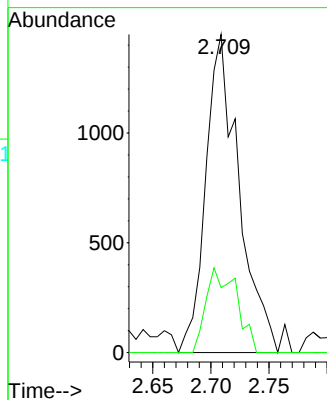
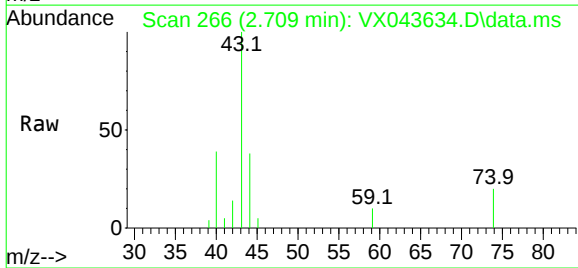
PB164501ZHE#12

Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

43 100

74 24.6 19.1 28.7



#20

Methylene Chloride

Concen: 1.176 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043634.D

Acq: 30 Oct 2024 19:03

Tgt Ion: 84 Resp: 2393

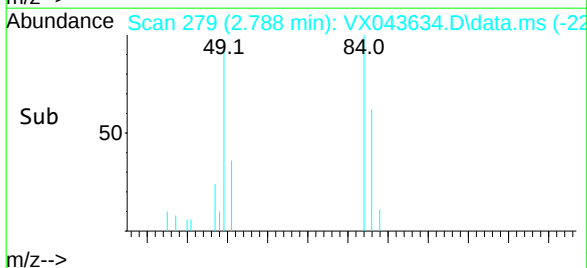
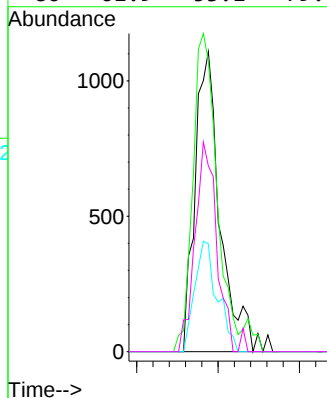
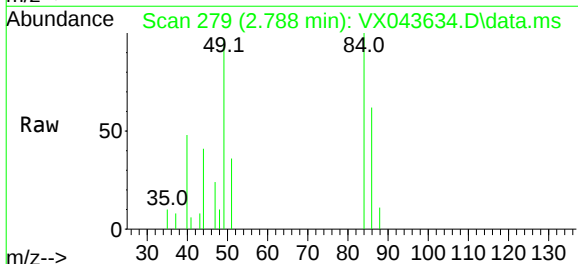
Ion Ratio Lower Upper

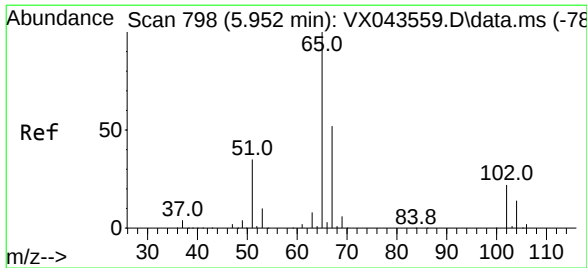
84 100

49 96.9 97.0 145.6#

51 35.9 29.8 44.8

86 61.9 53.1 79.7

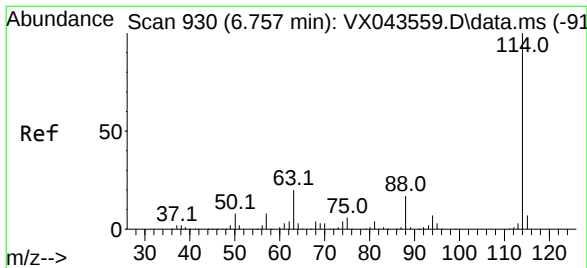
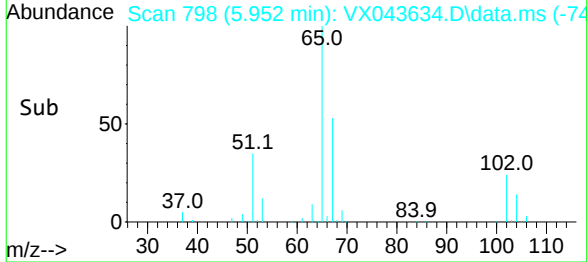
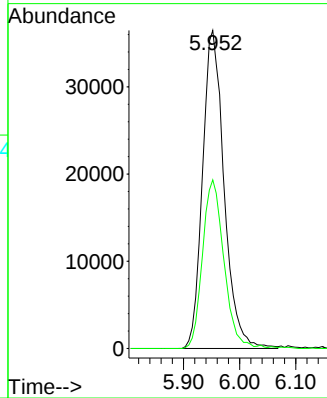
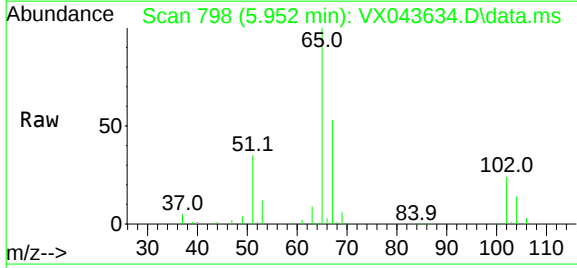




#33
1,2-Dichloroethane-d4
Concen: 40.910 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043634.D
Acq: 30 Oct 2024 19:03

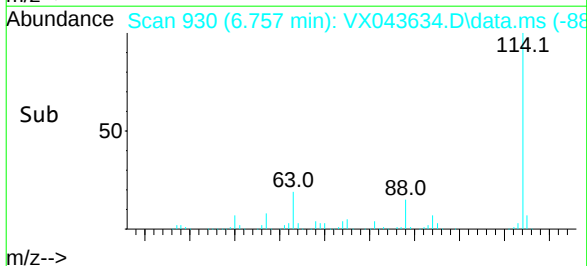
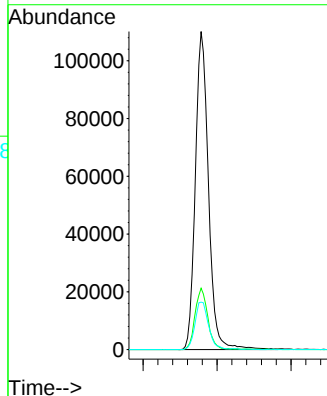
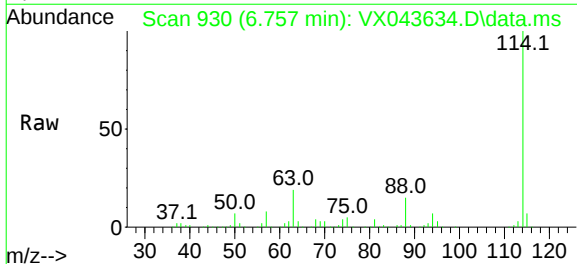
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#12

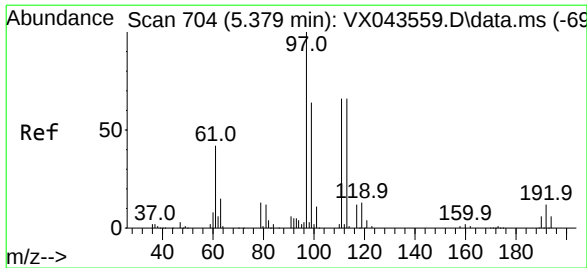
Tgt Ion: 65 Resp: 97261
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043634.D
Acq: 30 Oct 2024 19:03

Tgt Ion: 114 Resp: 270998
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.2
88 14.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 44.470 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX043634.D

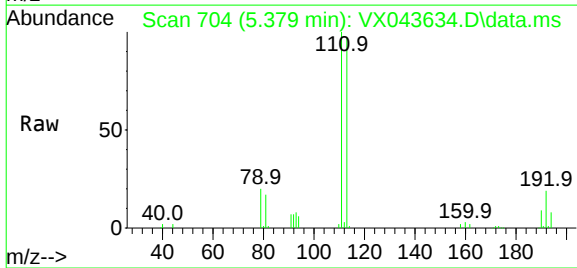
Acq: 30 Oct 2024 19:03

Instrument :

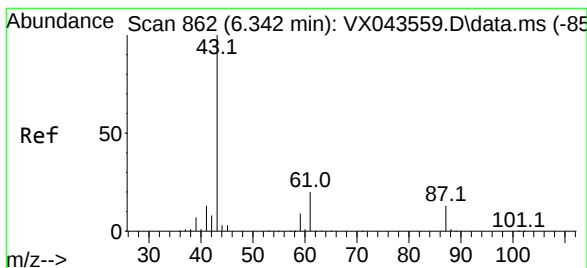
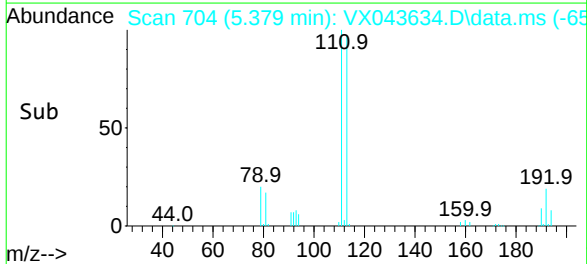
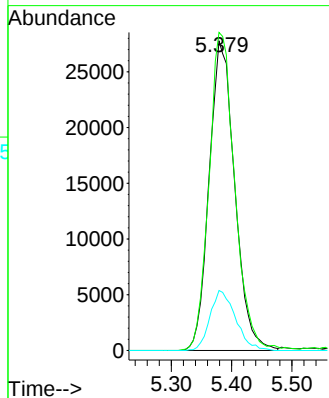
MSVOA_X

ClientSampleId :

PB164501ZHE#12



Tgt Ion:	113	Resp:	81719
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	19.4	14.1	21.1



#43

Isopropyl Acetate

Concen: 28.164 ug/l

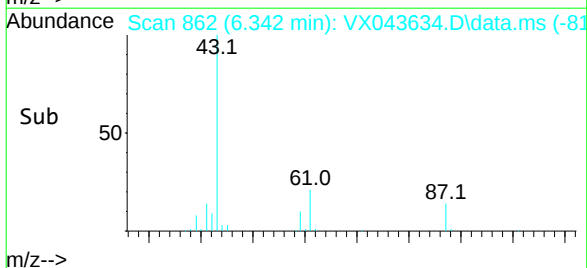
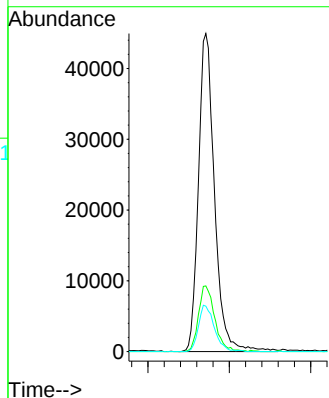
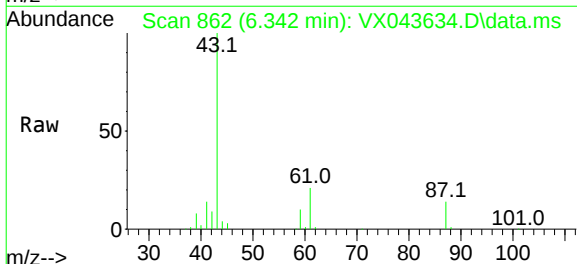
RT: 6.342 min Scan# 862

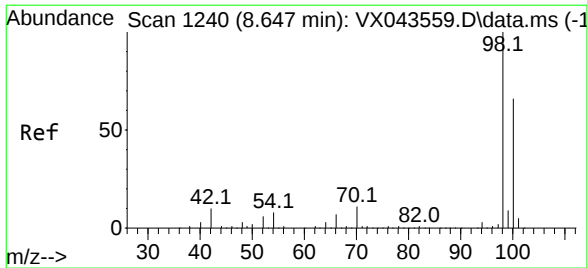
Delta R.T. 0.000 min

Lab File: VX043634.D

Acq: 30 Oct 2024 19:03

Tgt Ion:	43	Resp:	123212
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.2	24.4
87	14.4	11.0	16.6





#50

Toluene-d8

Concen: 49.996 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX043634.D

Acq: 30 Oct 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

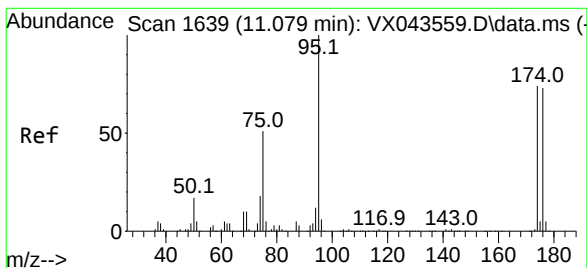
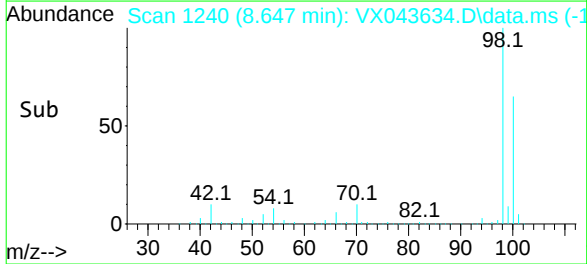
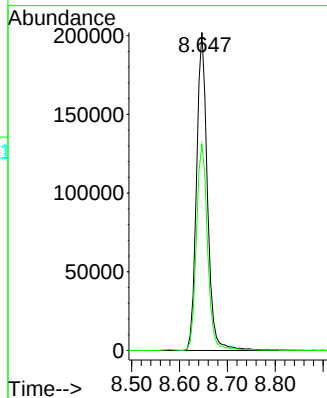
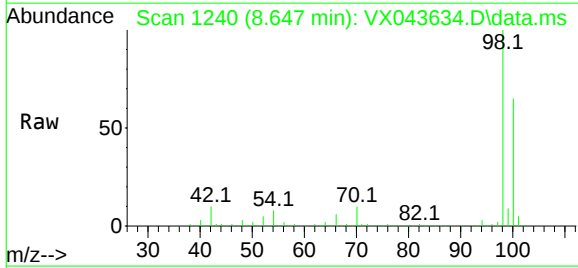
PB164501ZHE#12

Tgt Ion: 98 Resp: 318032

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 47.865 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043634.D

Acq: 30 Oct 2024 19:03

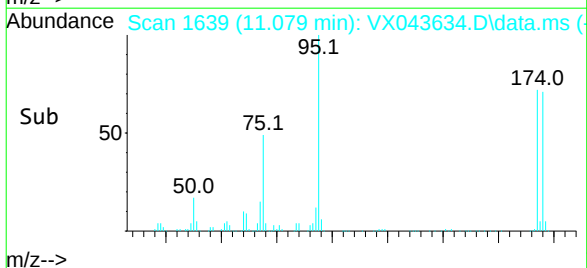
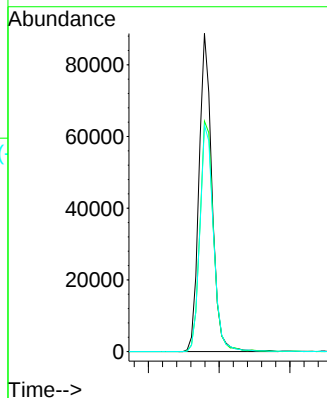
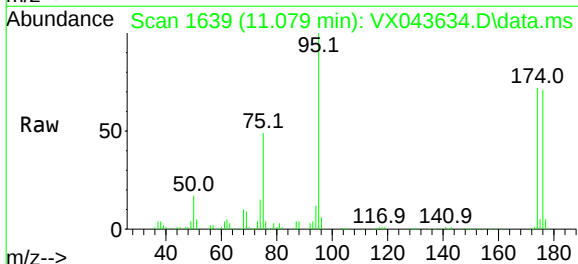
Tgt Ion: 95 Resp: 112824

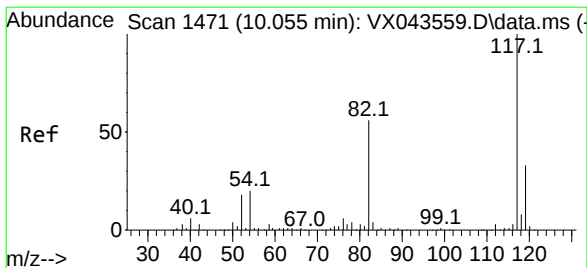
Ion Ratio Lower Upper

95 100

174 75.6 0.0 146.6

176 75.0 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043634.D

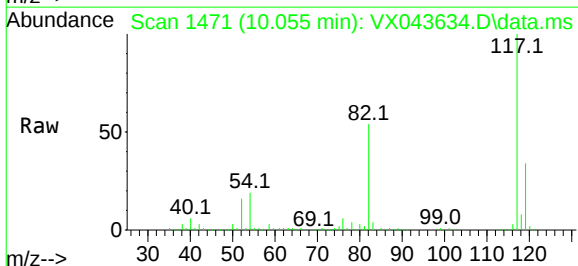
Acq: 30 Oct 2024 19:03

Instrument :

MSVOA_X

ClientSampleId :

PB164501ZHE#12



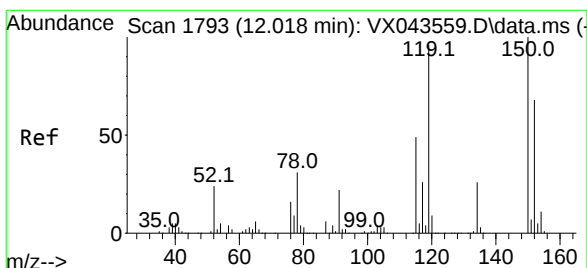
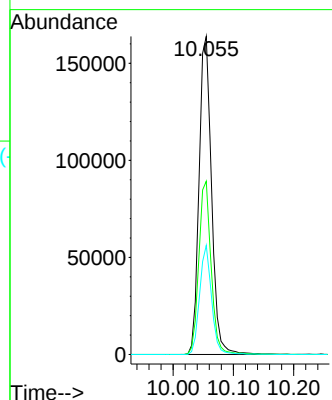
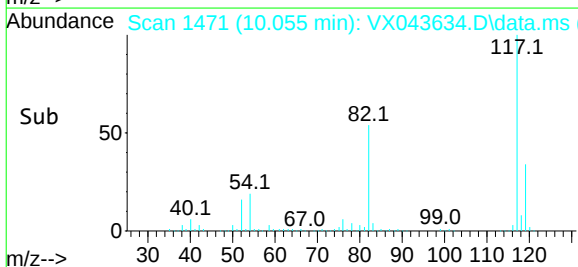
Tgt Ion:117 Resp: 235625

Ion Ratio Lower Upper

117 100

82 54.5 42.1 63.1

119 34.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043634.D

Acq: 30 Oct 2024 19:03

Tgt Ion:152 Resp: 109718

Ion Ratio Lower Upper

152 100

115 60.2 42.9 128.7

150 160.3 0.0 343.6

