

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042312.D
 Acq On : 12 Jul 2024 18:54
 Operator : JC/MD
 Sample : PB162021ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#09

Quant Time: Jul 15 04:47:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

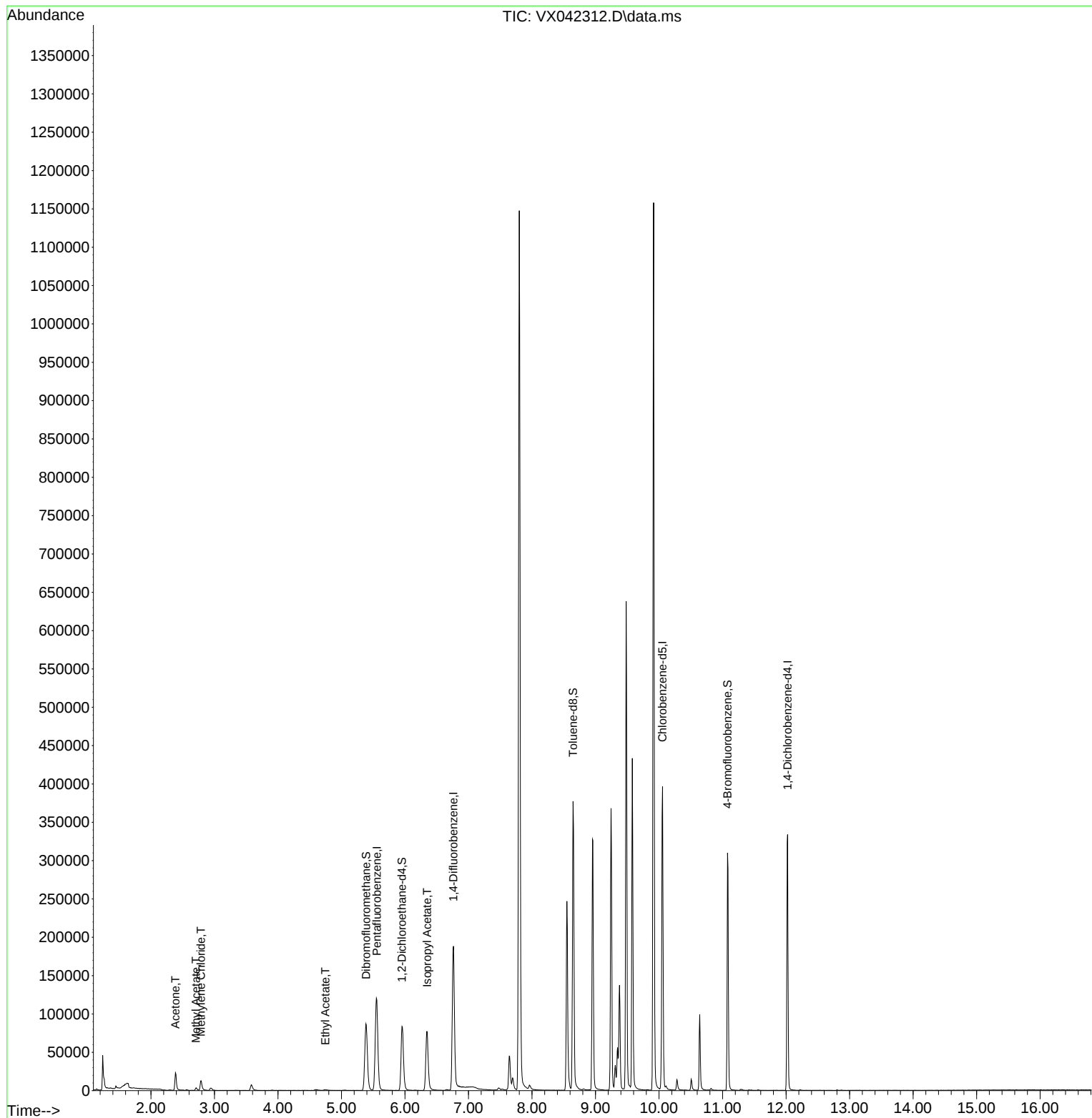
Internal Standards						
1) Pentafluorobenzene	5.556	168	136738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80987	51.363	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.720%		
35) Dibromofluoromethane	5.385	113	77785	50.976	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.960%		
50) Toluene-d8	8.647	98	240565	44.876	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 89.760%#		
62) 4-Bromofluorobenzene	11.079	95	81622	41.306	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 82.620%#		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	26867	38.805	ug/l	# 87
18) Methyl Acetate	2.709	43	4661	2.468	ug/l	96
20) Methylene Chloride	2.788	84	7476	4.931	ug/l	# 88
37) Ethyl Acetate	4.745	43	3081	1.460	ug/l	# 90
43) Isopropyl Acetate	6.348	43	108617	33.524	ug/l	# 93

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

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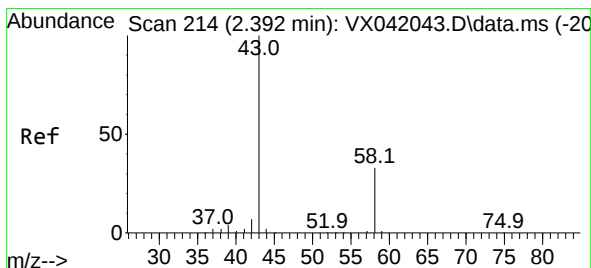
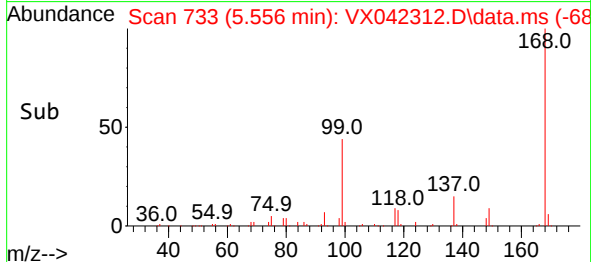
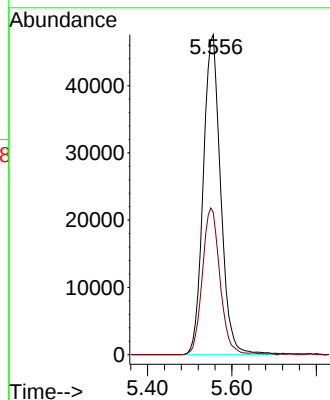
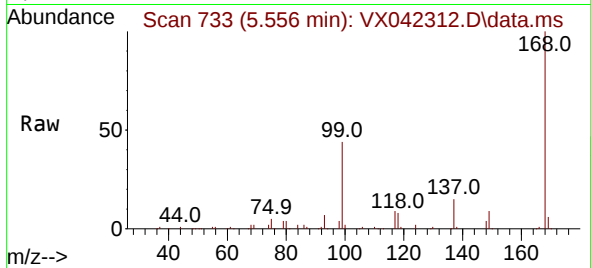




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

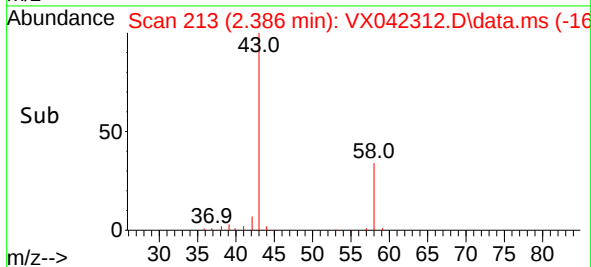
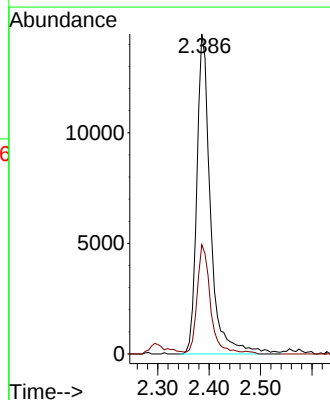
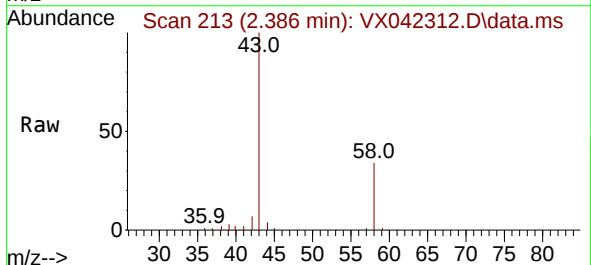
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#09

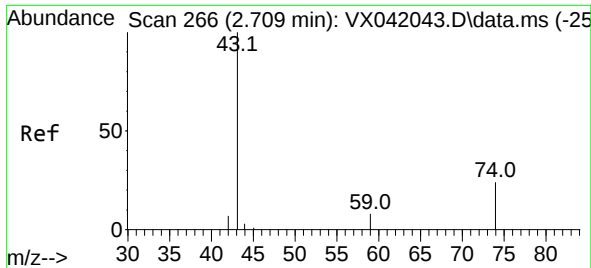
Tgt Ion:168 Resp: 136738
Ion Ratio Lower Upper
168 100
99 44.4 56.6 85.0#



#16
Acetone
Concen: 38.805 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

Tgt Ion: 43 Resp: 26867
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#

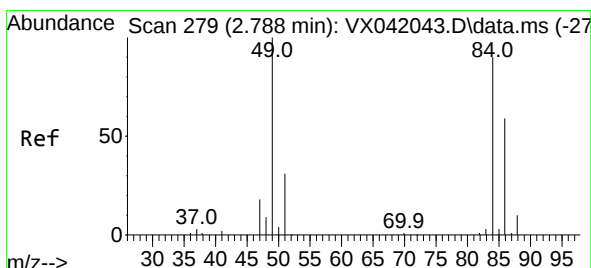
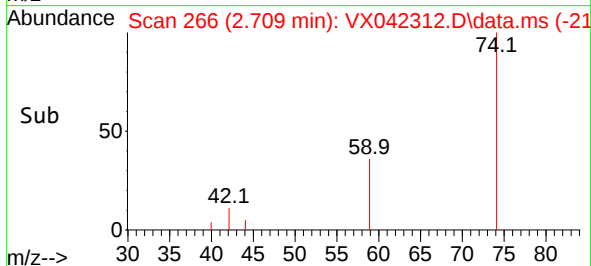
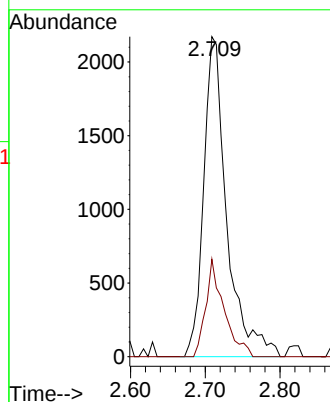
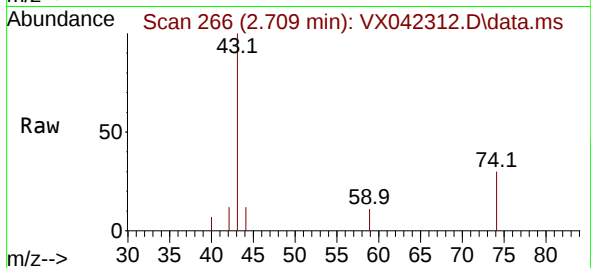




#18
Methyl Acetate
Concen: 2.468 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

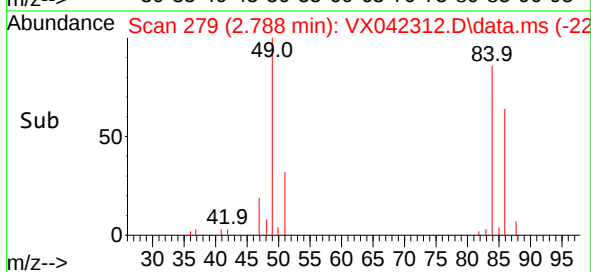
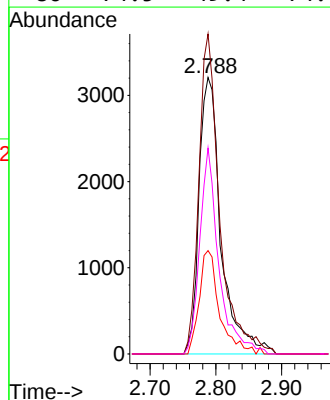
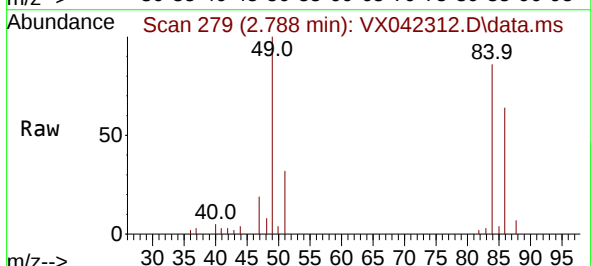
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#09

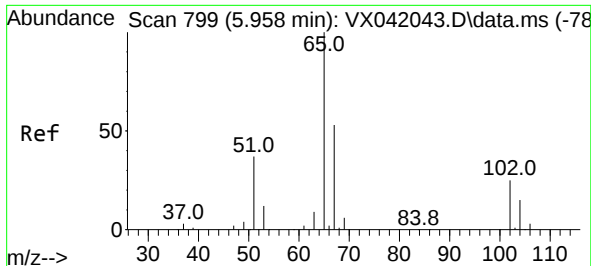
Tgt Ion: 43 Resp: 4661
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8



#20
Methylene Chloride
Concen: 4.931 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

Tgt Ion: 84 Resp: 7476
Ion Ratio Lower Upper
84 100
49 115.7 103.6 155.4
51 37.4 33.8 50.6
86 74.5 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 51.363 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042312.D

Acq: 12 Jul 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

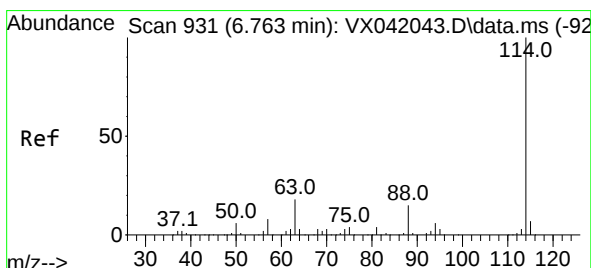
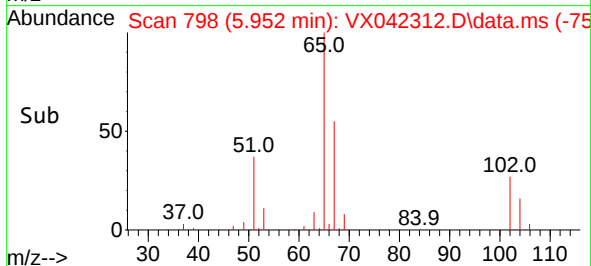
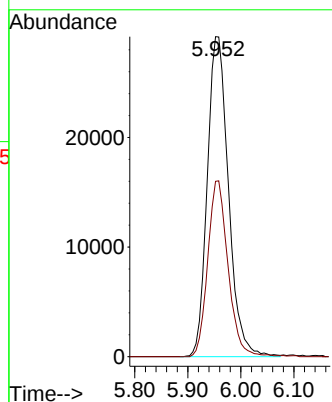
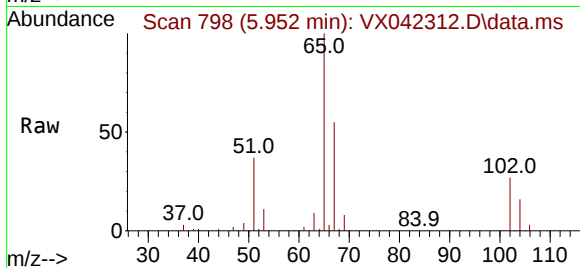
PB162021ZHE#09

Tgt Ion: 65 Resp: 80987

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042312.D

Acq: 12 Jul 2024 18:54

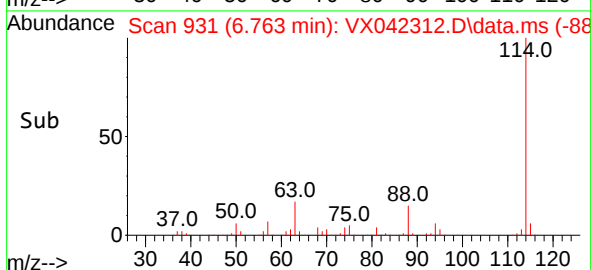
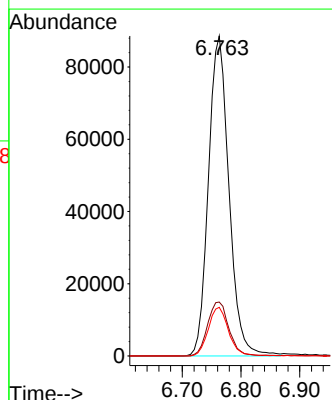
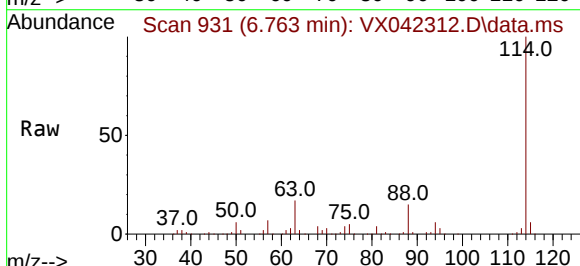
Tgt Ion: 114 Resp: 215053

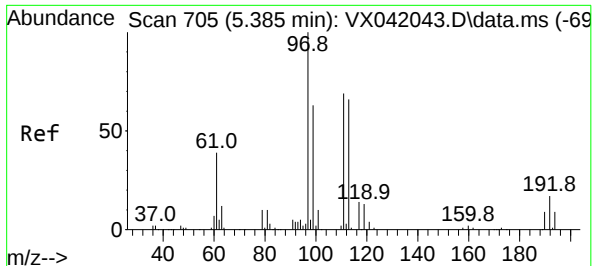
Ion Ratio Lower Upper

114 100

63 16.8 0.0 45.0

88 15.2 0.0 36.6

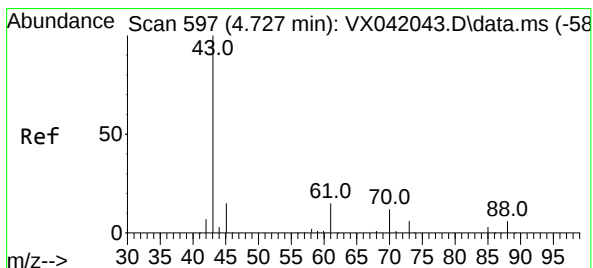
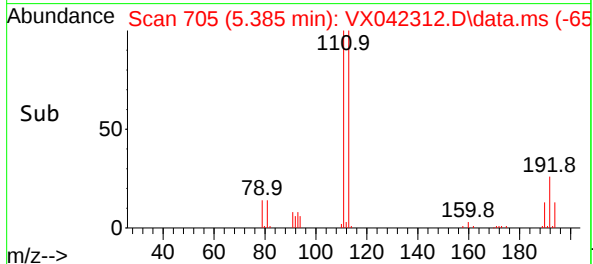
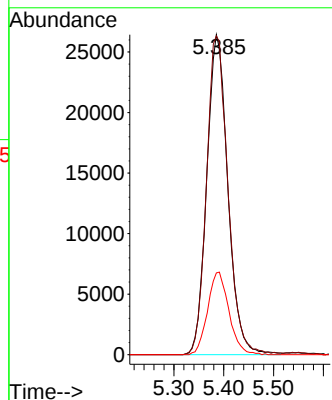
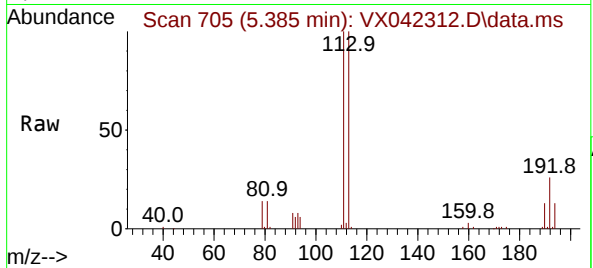




#35
Dibromofluoromethane
Concen: 50.976 ug/l
RT: 5.385 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

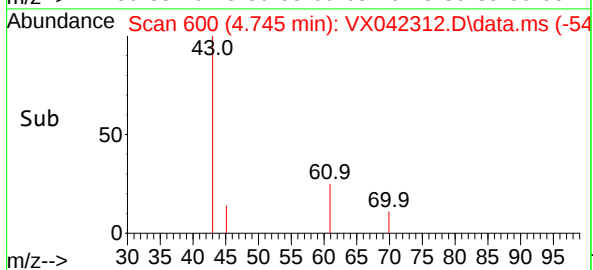
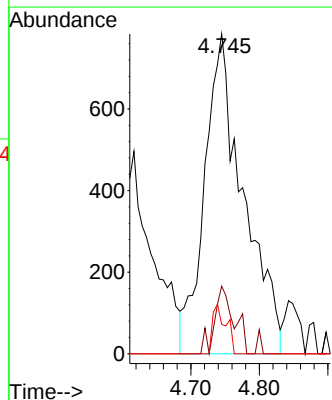
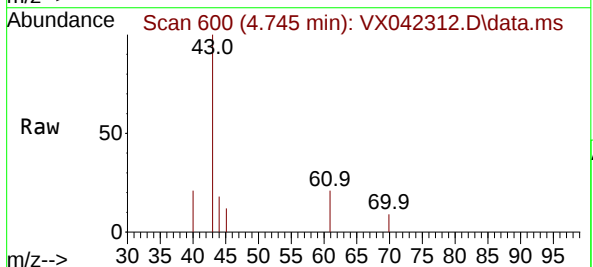
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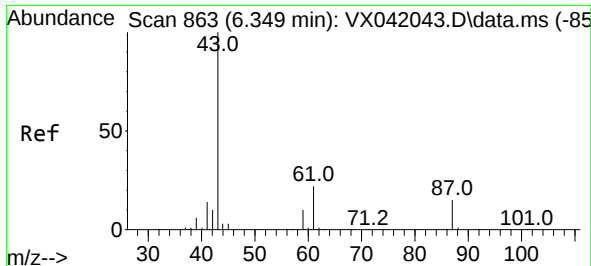
Tgt Ion:113 Resp: 77785
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 26.0 13.3 19.9#



#37
Ethyl Acetate
Concen: 1.460 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.018 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
61 10.5 10.6 16.0#
70 5.3 8.3 12.5#

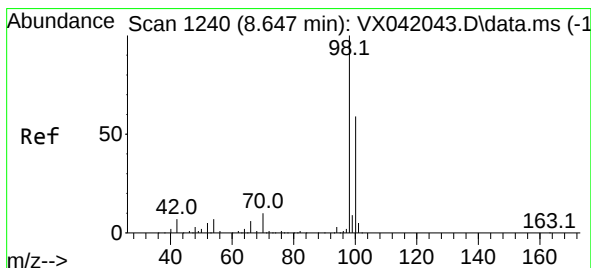
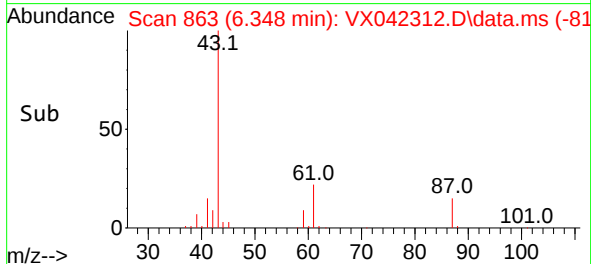
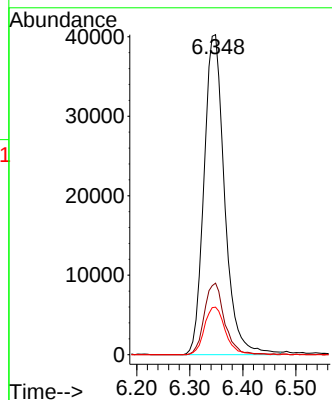
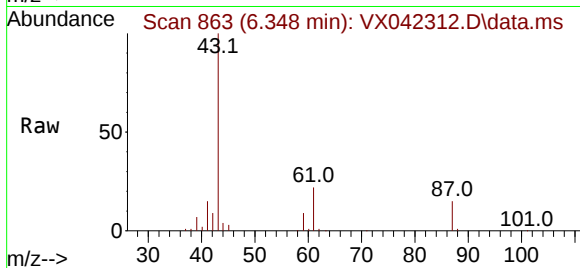




#43
Isopropyl Acetate
Concen: 33.524 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

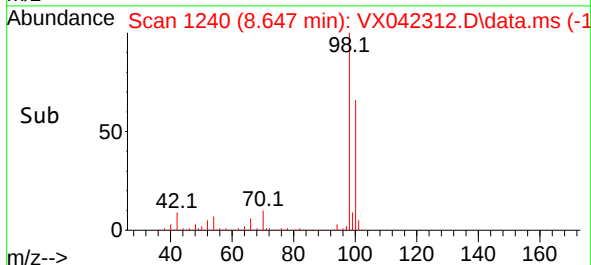
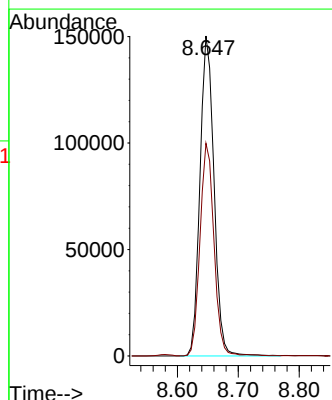
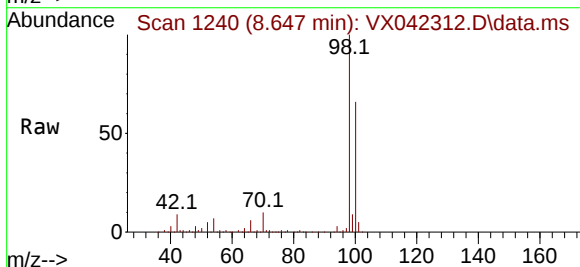
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#09

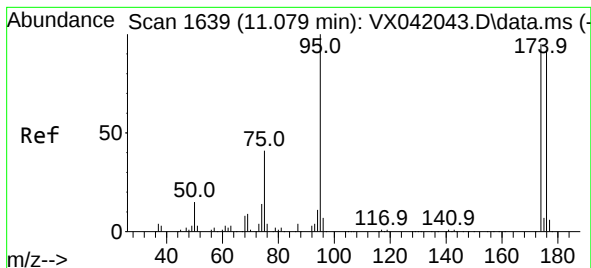
Tgt Ion: 43 Resp: 108617
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 15.1 9.8 14.6#



#50
Toluene-d8
Concen: 44.876 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042312.D
Acq: 12 Jul 2024 18:54

Tgt Ion: 98 Resp: 240565
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 41.306 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042312.D

Acq: 12 Jul 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

PB162021ZHE#09

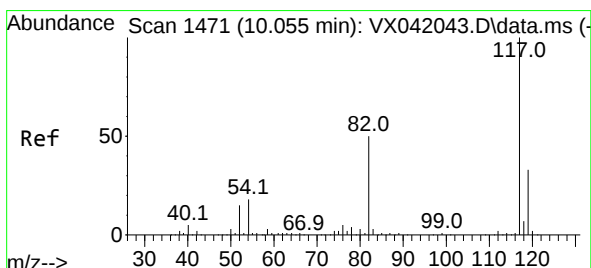
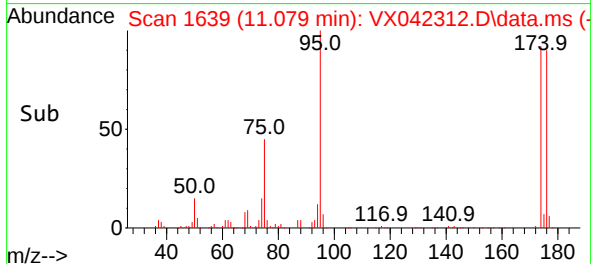
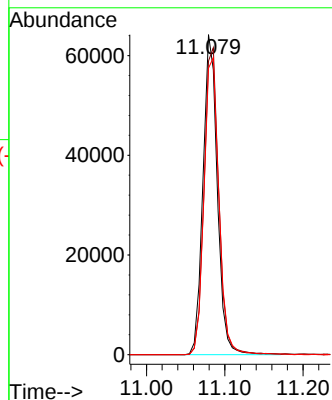
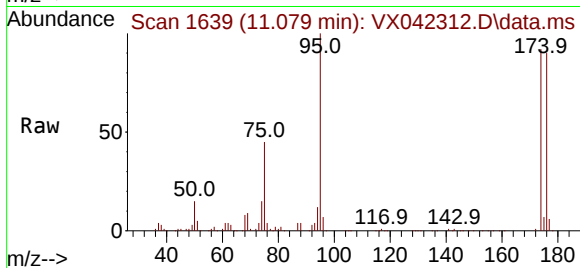
Tgt Ion: 95 Resp: 81622

Ion Ratio Lower Upper

95 100

174 98.7 0.0 135.6

176 96.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042312.D

Acq: 12 Jul 2024 18:54

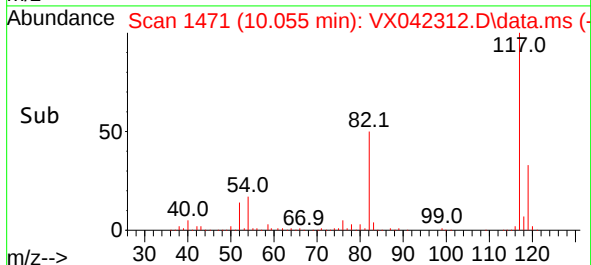
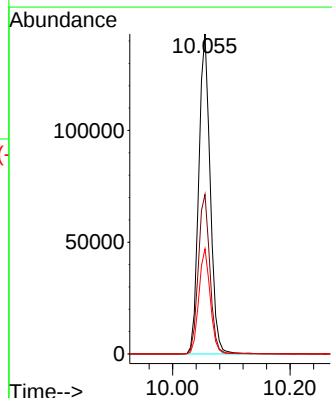
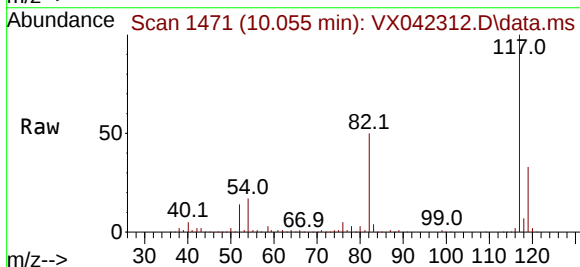
Tgt Ion: 117 Resp: 194424

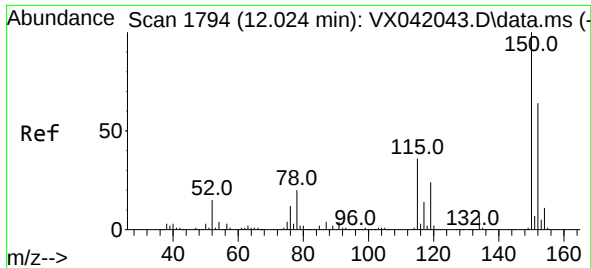
Ion Ratio Lower Upper

117 100

82 49.8 46.2 69.4

119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042312.D

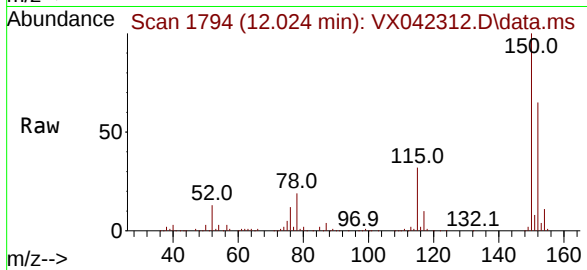
Acq: 12 Jul 2024 18:54

Instrument :

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Tgt Ion:152 Resp: 82616

Ion Ratio Lower Upper

152 100

115 52.2 43.3 129.9

150 155.3 0.0 345.0

