

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042310.D
 Acq On : 12 Jul 2024 18:08
 Operator : JC/MD
 Sample : PB162021ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#07

Quant Time: Jul 15 04:47:03 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)

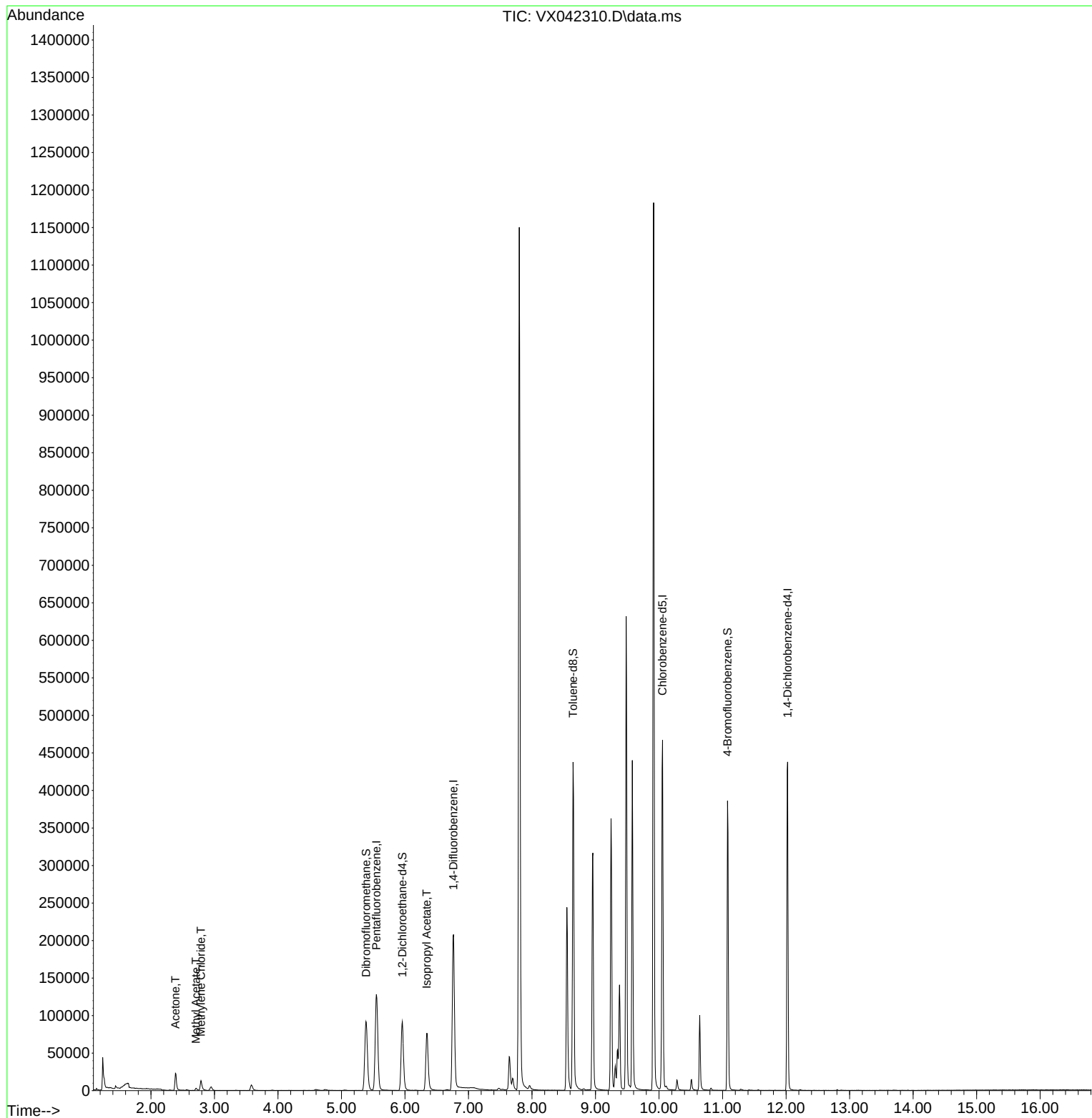
Internal Standards						
1) Pentafluorobenzene	5.550	168	146081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	238055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85802	50.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.880%
35) Dibromofluoromethane	5.385	113	82908	49.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.646	98	266139	44.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.700%#
62) 4-Bromofluorobenzene	11.079	95	101656	46.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
						Qvalue
16) Acetone	2.385	43	26182	35.397	ug/l	90
18) Methyl Acetate	2.709	43	3889	1.927	ug/l	92
20) Methylene Chloride	2.788	84	7090	4.378	ug/l	88
43) Isopropyl Acetate	6.342	43	108076	30.134	ug/l #	93

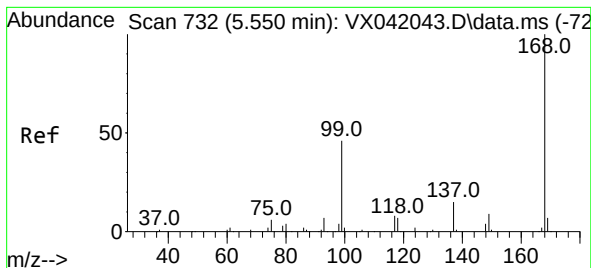
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

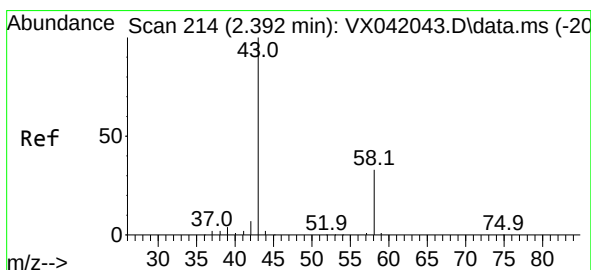
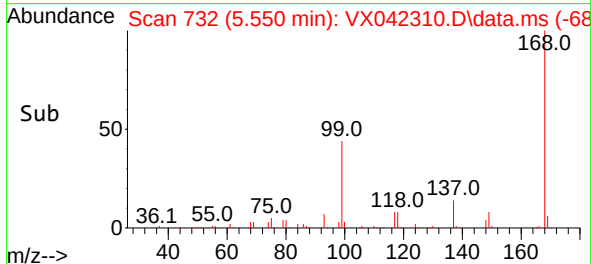
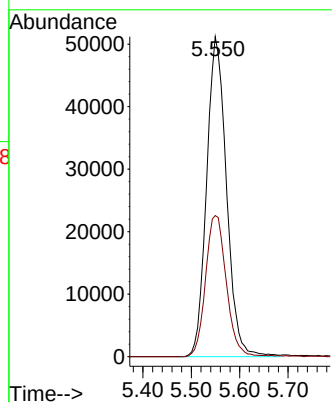
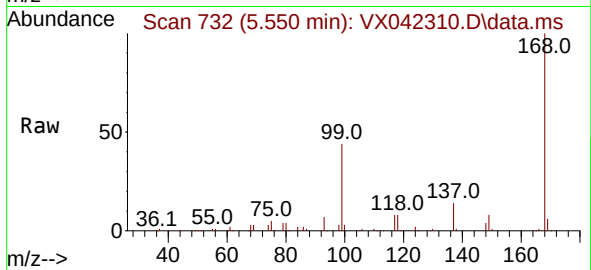
PB162021ZHE#07

Tgt Ion:168 Resp: 146081

Ion Ratio Lower Upper

168 100

99 44.1 56.6 85.0#



#16

Acetone

Concen: 35.397 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042310.D

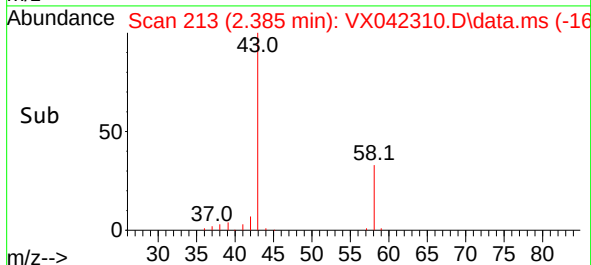
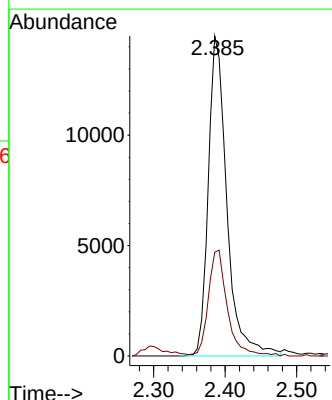
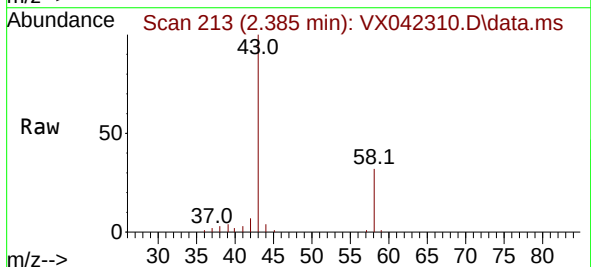
Acq: 12 Jul 2024 18:08

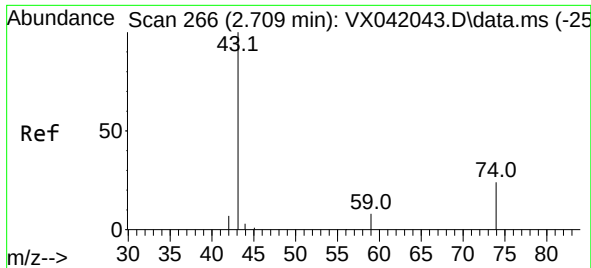
Tgt Ion: 43 Resp: 26182

Ion Ratio Lower Upper

43 100

58 32.4 21.9 32.9

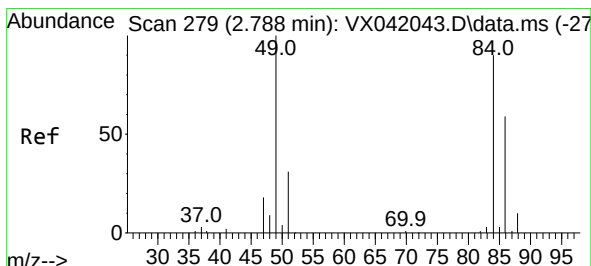
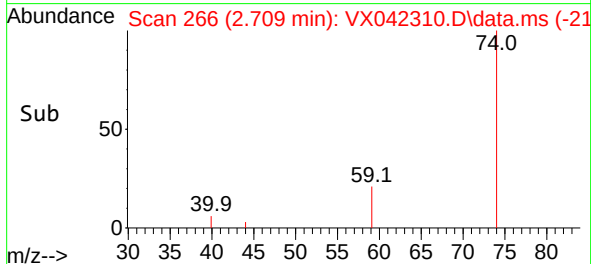
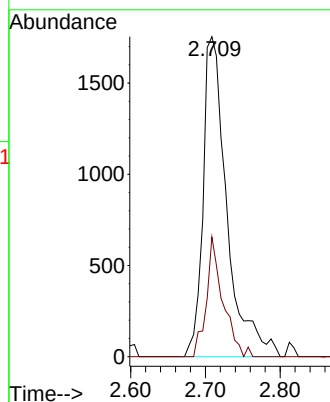
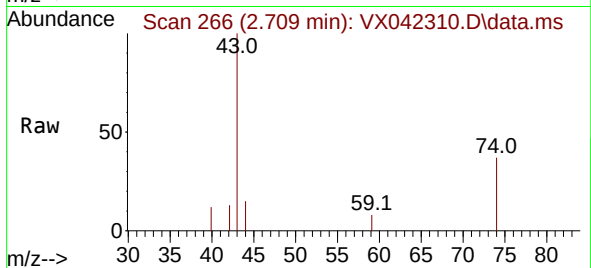




#18
Methyl Acetate
Concen: 1.927 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX042310.D
Acq: 12 Jul 2024 18:08

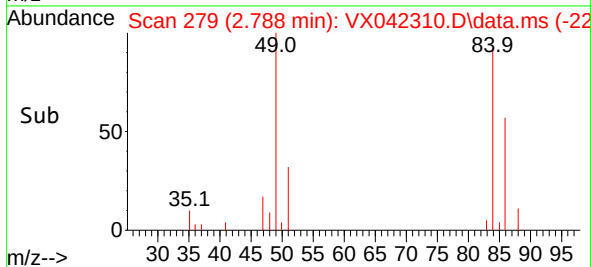
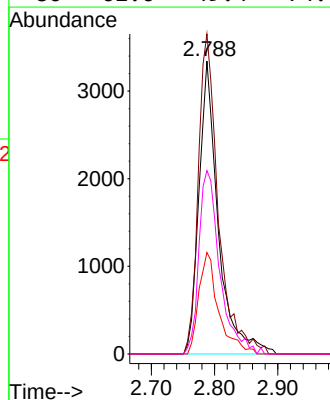
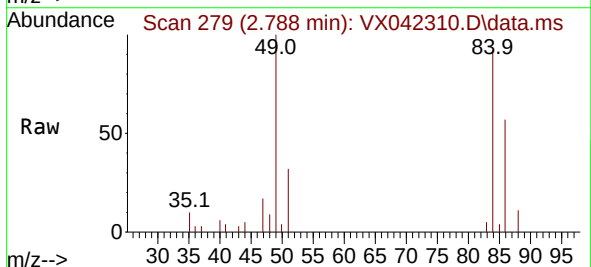
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#07

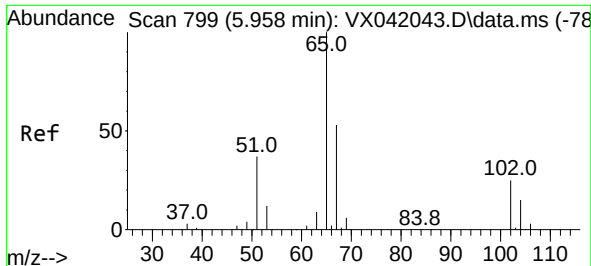
Tgt Ion: 43 Resp: 3889
Ion Ratio Lower Upper
43 100
74 25.9 17.8 26.8



#20
Methylene Chloride
Concen: 4.378 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042310.D
Acq: 12 Jul 2024 18:08

Tgt Ion: 84 Resp: 7090
Ion Ratio Lower Upper
84 100
49 109.3 103.6 155.4
51 34.6 33.8 50.6
86 62.6 49.4 74.0

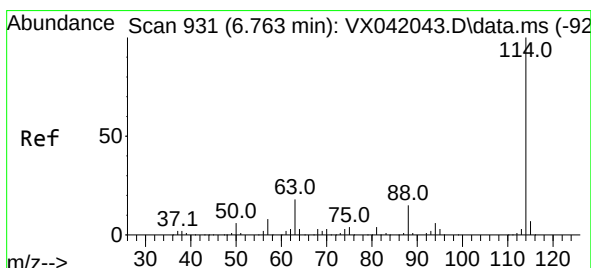
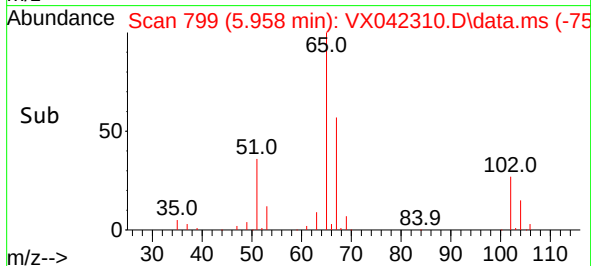
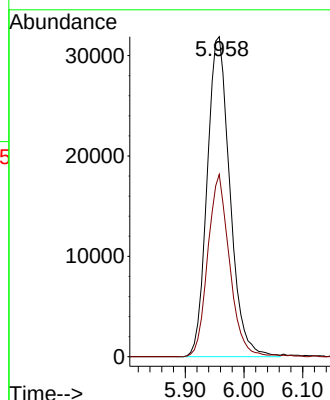
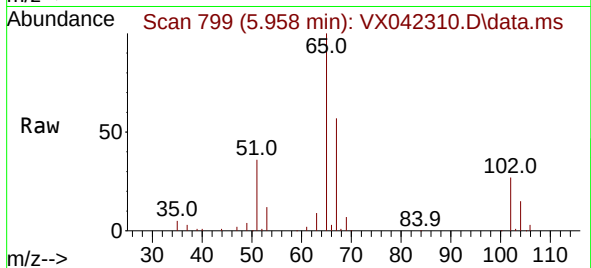




#33
 1,2-Dichloroethane-d4
 Concen: 50.936 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX042310.D
 Acq: 12 Jul 2024 18:08

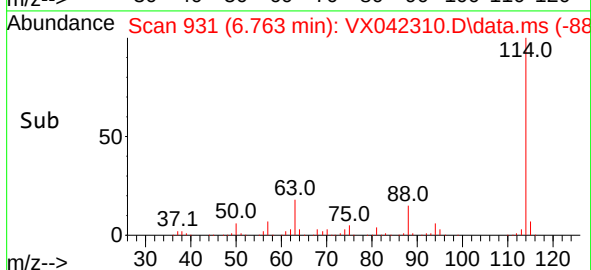
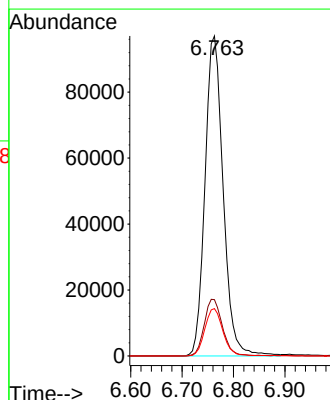
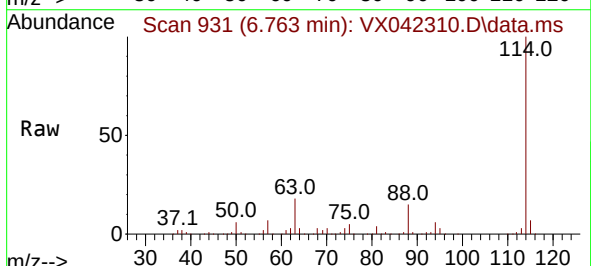
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#07

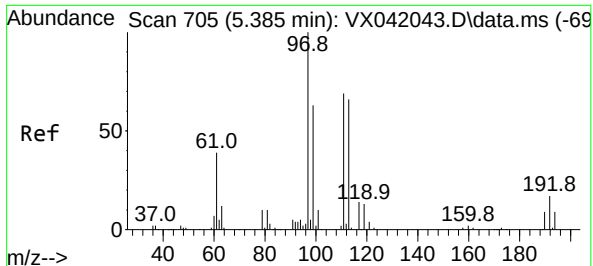
Tgt Ion: 65 Resp: 85802
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042310.D
 Acq: 12 Jul 2024 18:08

Tgt Ion: 114 Resp: 238055
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 45.0
 88 14.8 0.0 36.6

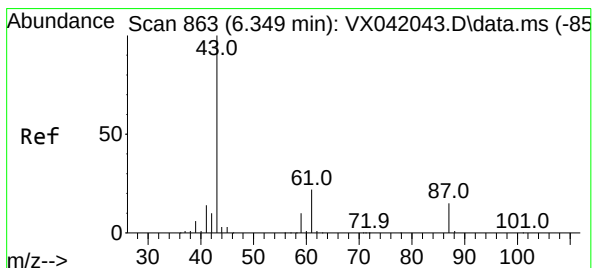
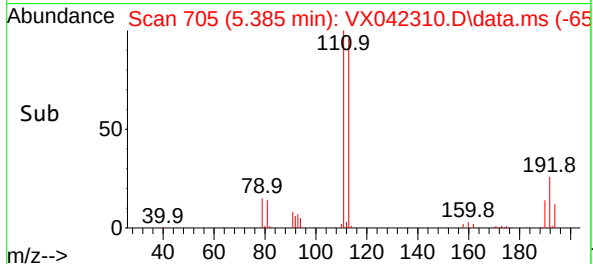
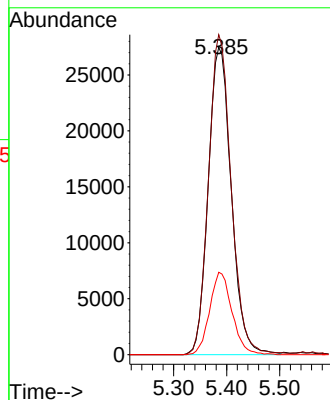
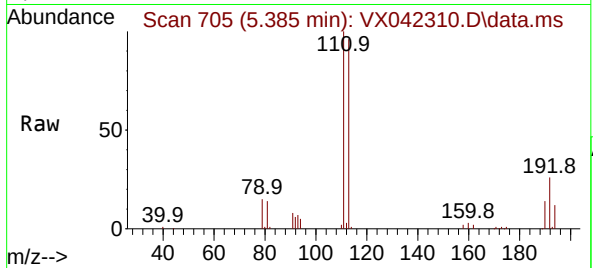




#35
Dibromofluoromethane
Concen: 49.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042310.D
Acq: 12 Jul 2024 18:08

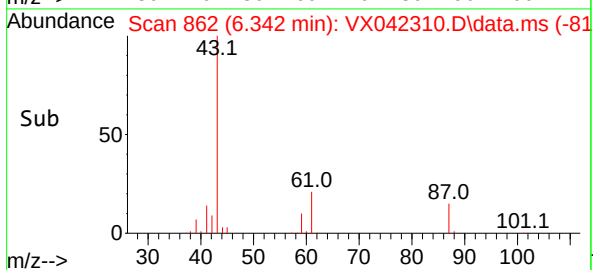
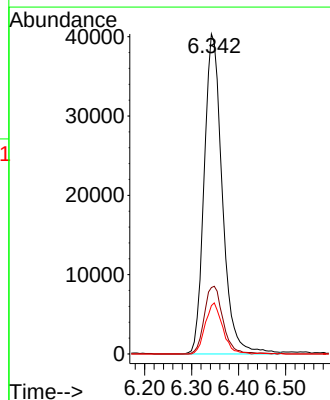
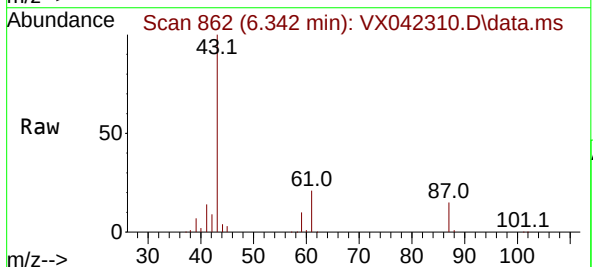
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#07

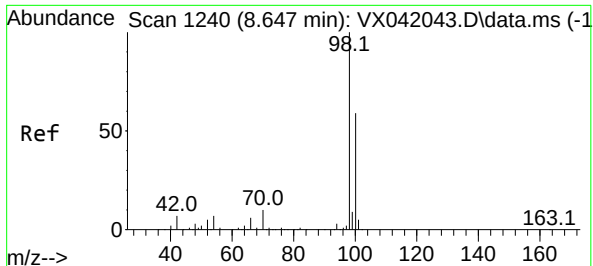
Tgt Ion:113 Resp: 82908
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 26.0 13.3 19.9#



#43
Isopropyl Acetate
Concen: 30.134 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042310.D
Acq: 12 Jul 2024 18:08

Tgt Ion: 43 Resp: 108076
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 15.2 9.8 14.6#

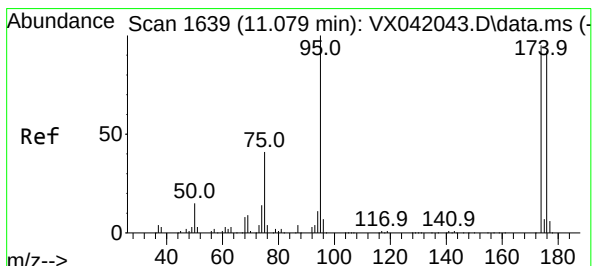
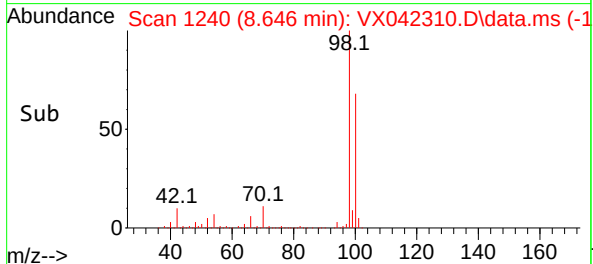
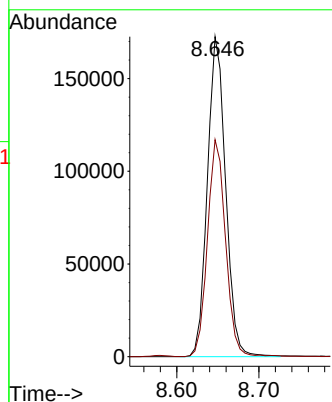
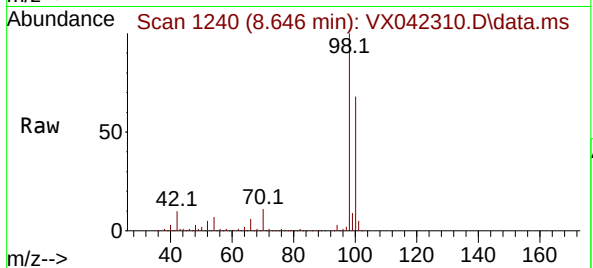




#50
Toluene-d8
Concen: 44.850 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042310.D
Acq: 12 Jul 2024 18:08

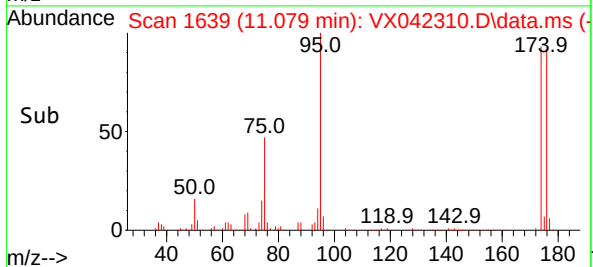
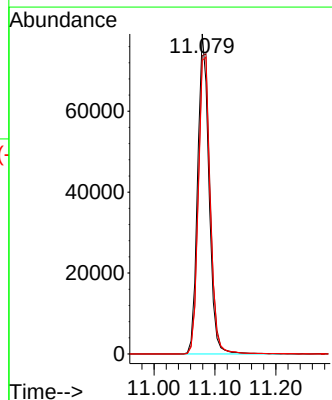
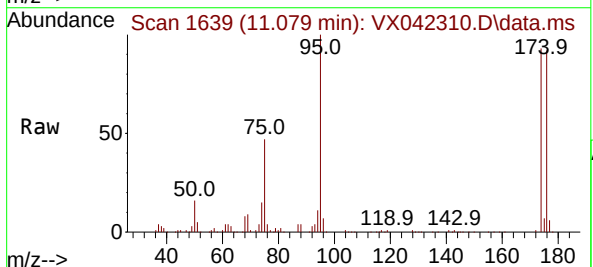
Instrument :
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ClientSampleId :
PB162021ZHE#07

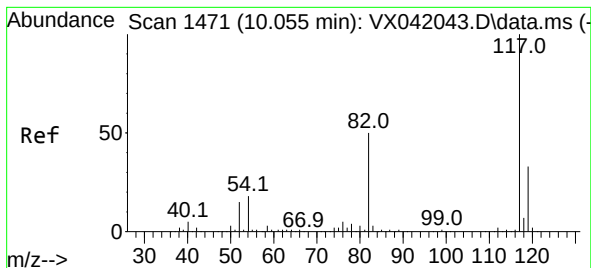
Tgt Ion: 98 Resp: 266139
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042310.D
Acq: 12 Jul 2024 18:08

Tgt Ion: 95 Resp: 101656
Ion Ratio Lower Upper
95 100
174 100.0 0.0 135.6
176 97.2 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: VX042310.D

Acq: 12 Jul 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :

PB162021ZHE#07

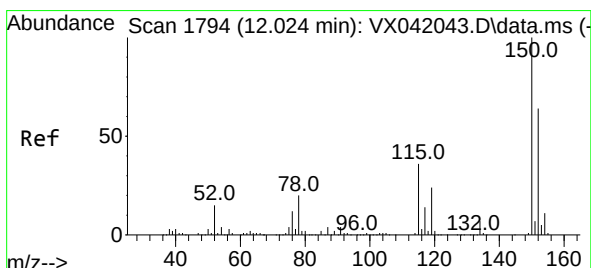
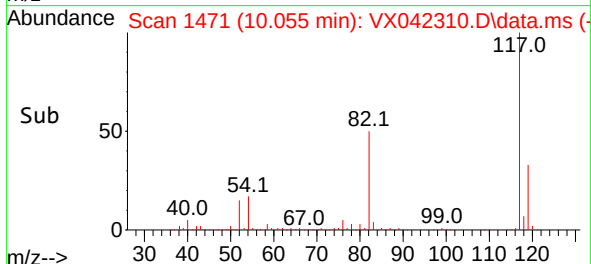
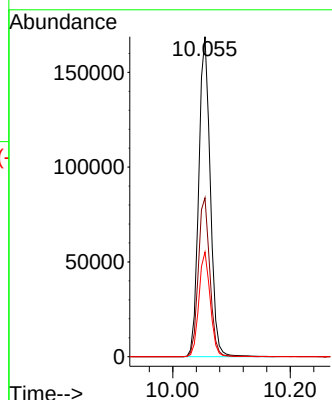
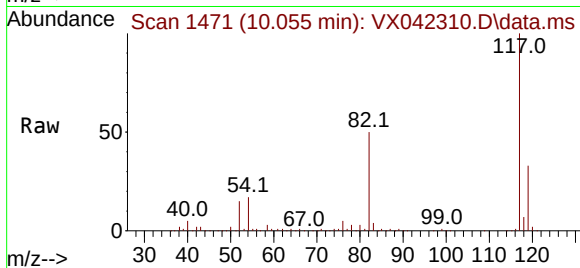
Tgt Ion:117 Resp: 230536

Ion Ratio Lower Upper

117 100

82 49.6 46.2 69.4

119 32.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX042310.D

Acq: 12 Jul 2024 18:08

Tgt Ion:152 Resp: 109681

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 155.5 0.0 345.0

