

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042262.D
 Acq On : 10 Jul 2024 13:13
 Operator : JC/MD
 Sample : PB161974ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#03

Quant Time: Jul 11 00:55:29 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)

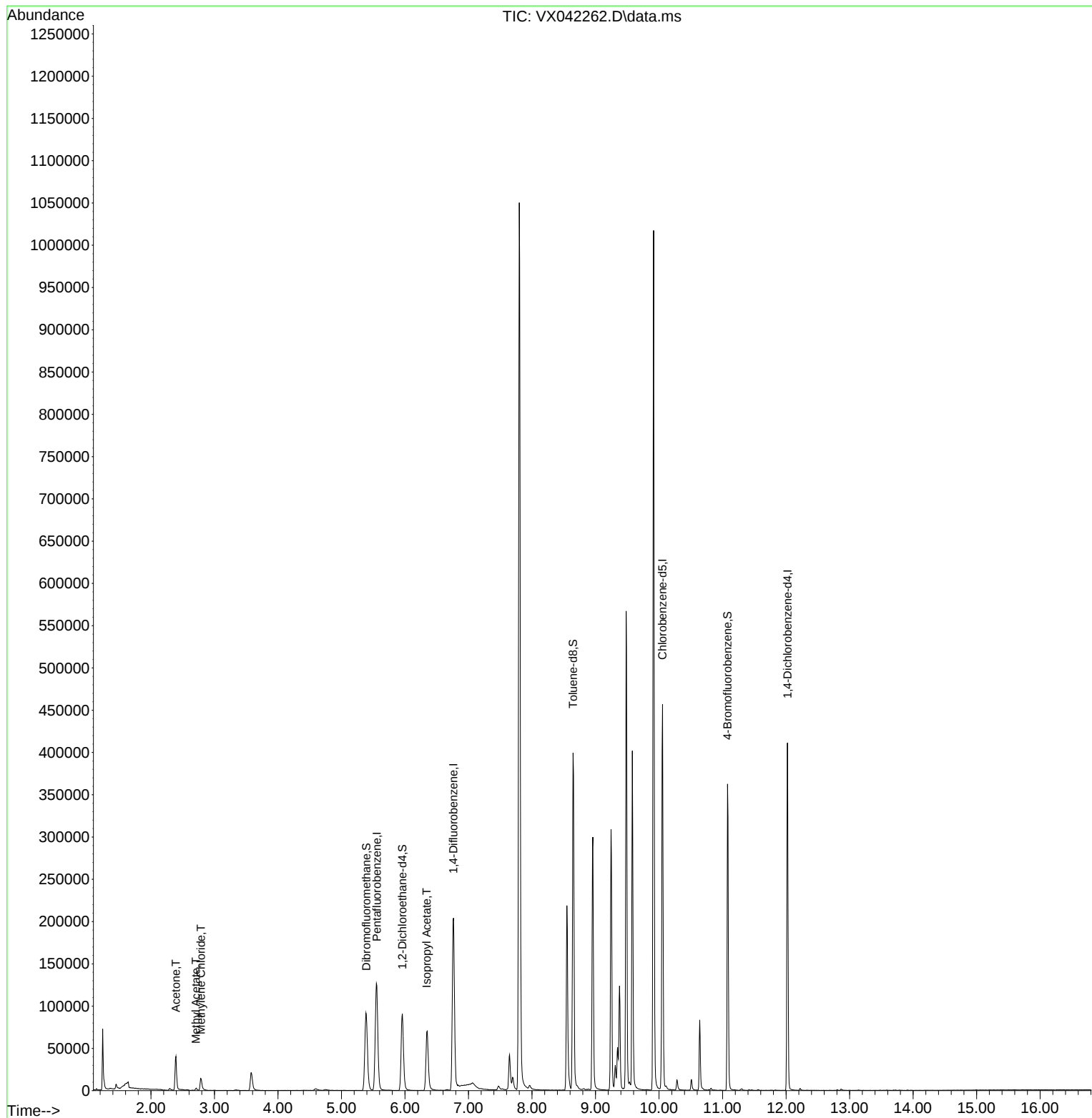
Internal Standards						
1) Pentafluorobenzene	5.556	168	141490	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	230819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85424	52.357	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.720%
35) Dibromofluoromethane	5.391	113	81007	49.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	8.647	98	256163	44.522	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.040%#
62) 4-Bromofluorobenzene	11.079	95	96033	45.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.560%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	44583	62.230	ug/l	# 88
18) Methyl Acetate	2.709	43	3634	1.859	ug/l	99
20) Methylene Chloride	2.788	84	8826	5.626	ug/l	86
43) Isopropyl Acetate	6.342	43	97412	28.012	ug/l	# 94

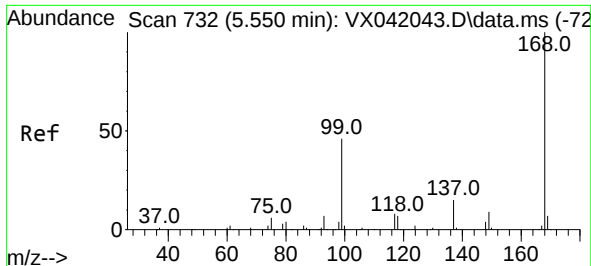
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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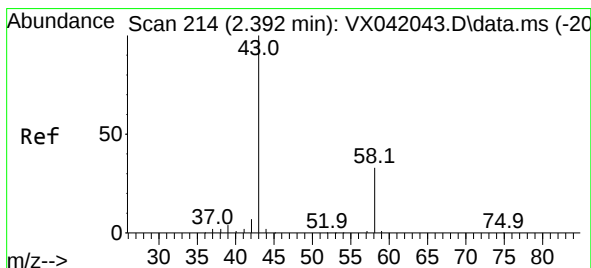
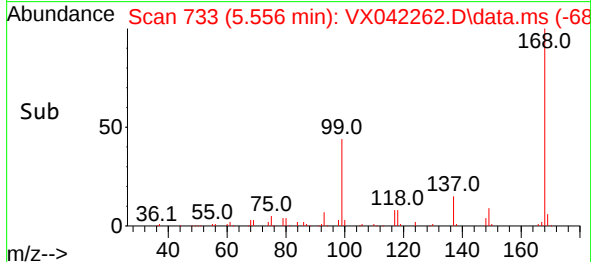
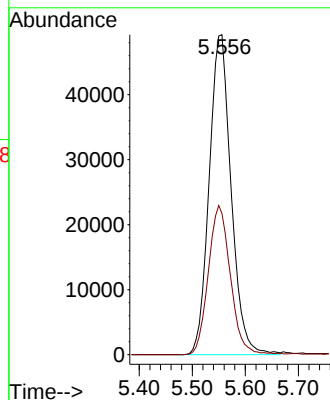
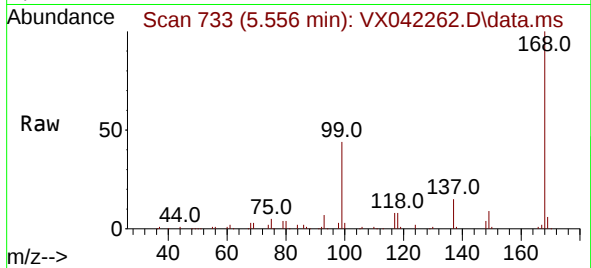




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

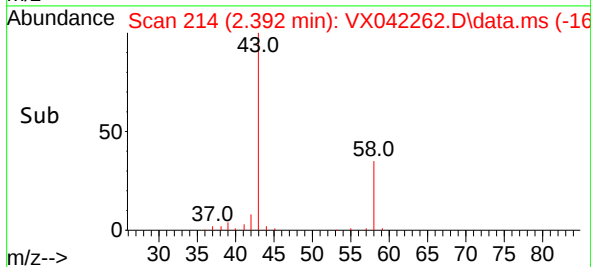
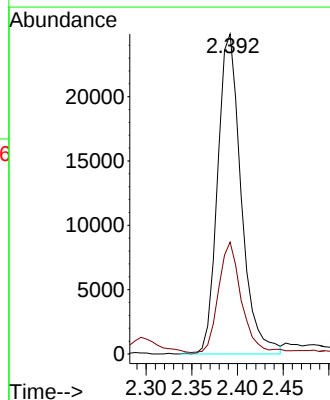
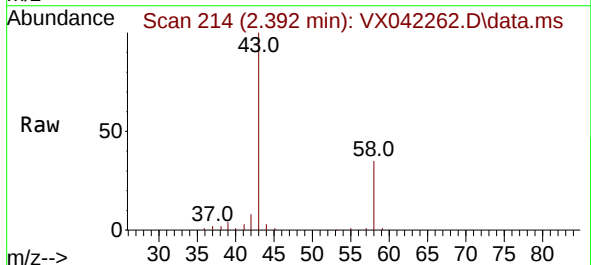
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#03

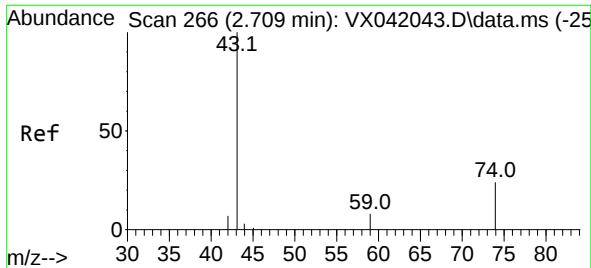
Tgt Ion:168 Resp: 141490
Ion Ratio Lower Upper
168 100
99 44.2 56.6 85.0#



#16
Acetone
Concen: 62.230 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

Tgt Ion: 43 Resp: 44583
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#

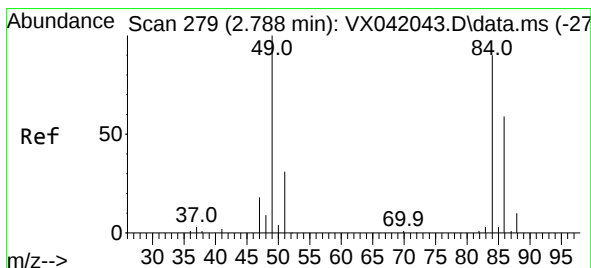
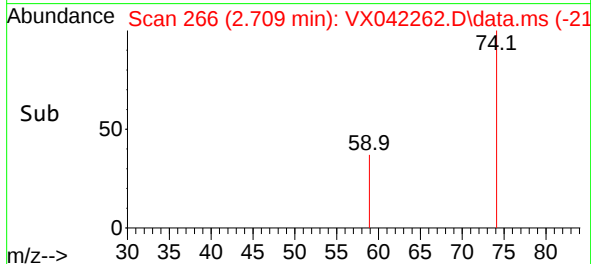
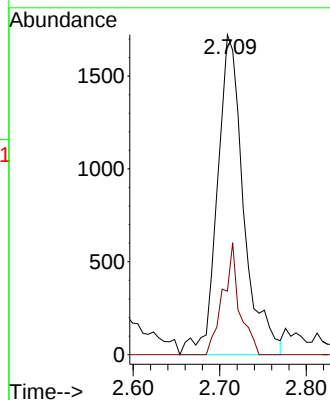
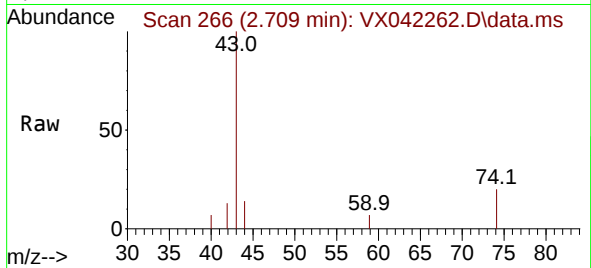




#18
Methyl Acetate
Concen: 1.859 ug/l
RT: 2.709 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

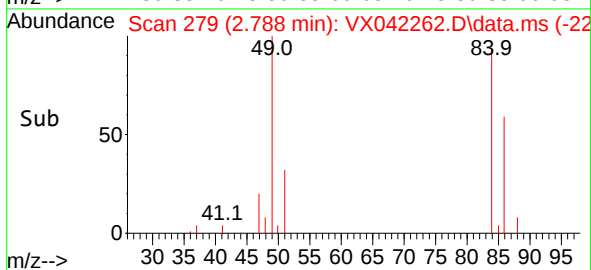
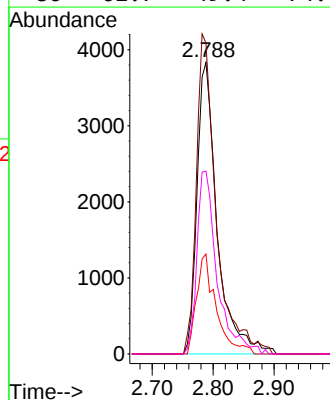
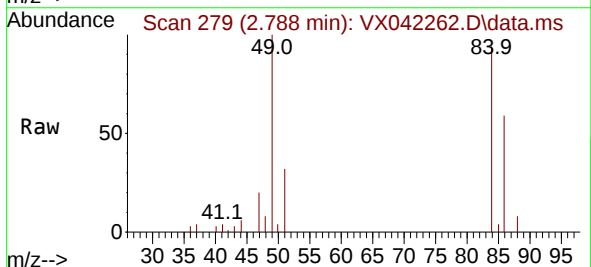
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#03

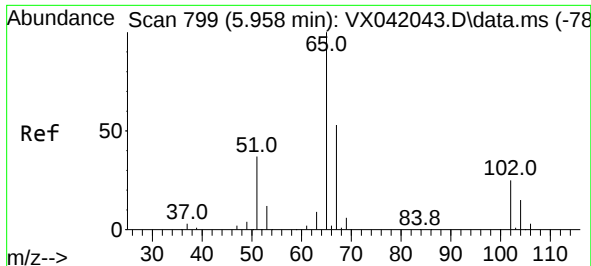
Tgt Ion: 43 Resp: 3634
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 5.626 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

Tgt Ion: 84 Resp: 8826
Ion Ratio Lower Upper
84 100
49 106.6 103.6 155.4
51 34.3 33.8 50.6
86 62.7 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 52.357 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042262.D

Acq: 10 Jul 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

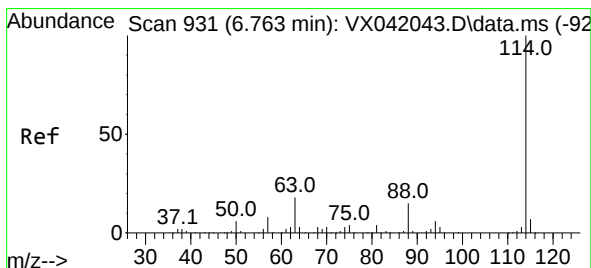
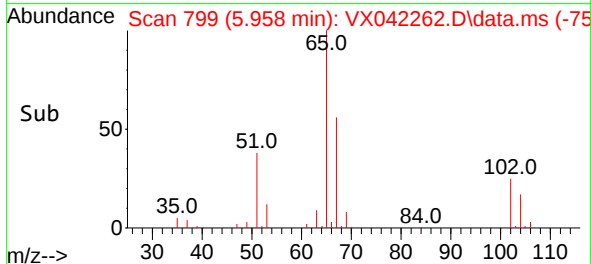
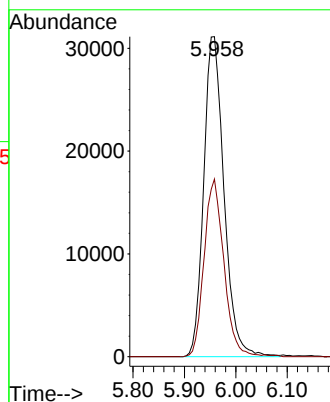
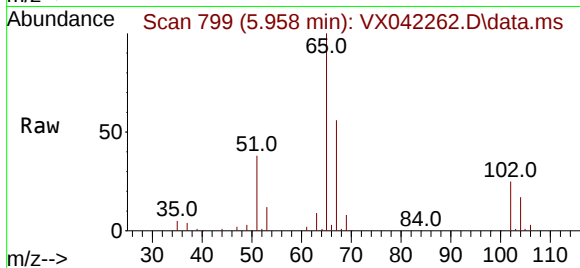
PB161974ZHE#03

Tgt Ion: 65 Resp: 85424

Ion Ratio Lower Upper

65 100

67 54.2 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: VX042262.D

Acq: 10 Jul 2024 13:13

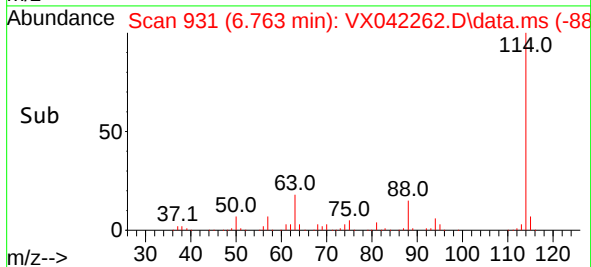
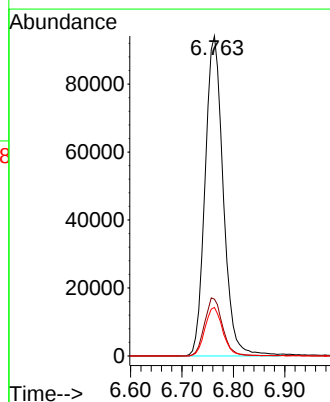
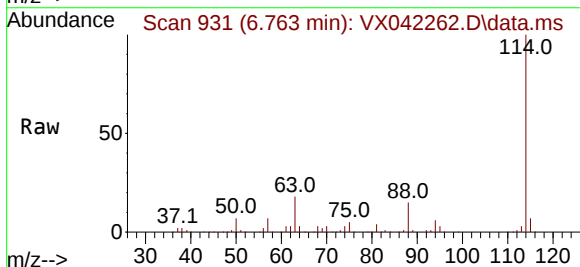
Tgt Ion: 114 Resp: 230819

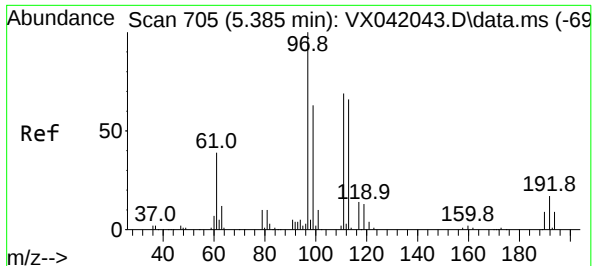
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.461 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX042262.D

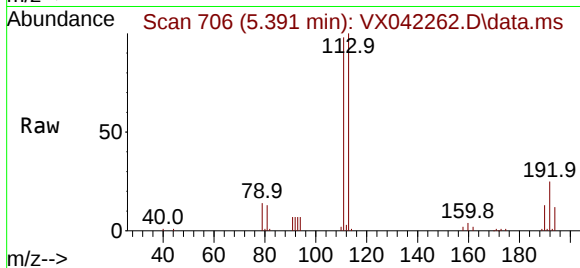
Acq: 10 Jul 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

PB161974ZHE#03



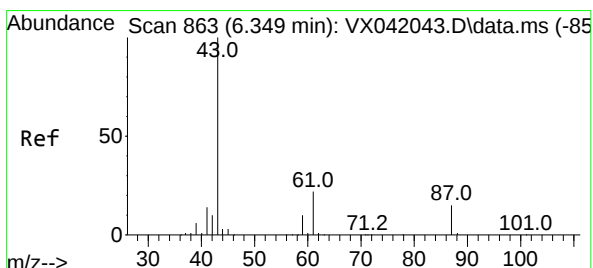
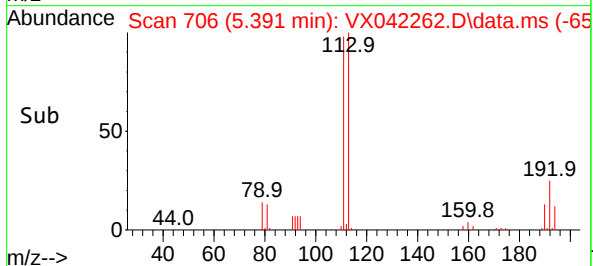
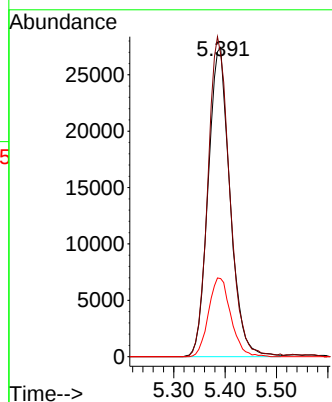
Tgt Ion:113 Resp: 81007

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 25.9 13.3 19.9#



#43

Isopropyl Acetate

Concen: 28.012 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX042262.D

Acq: 10 Jul 2024 13:13

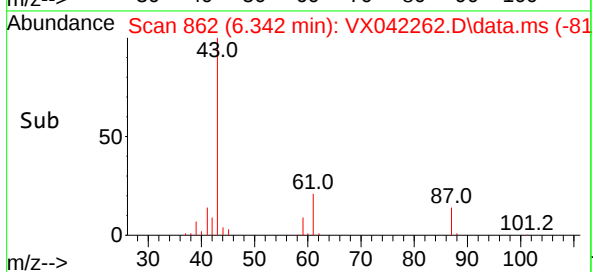
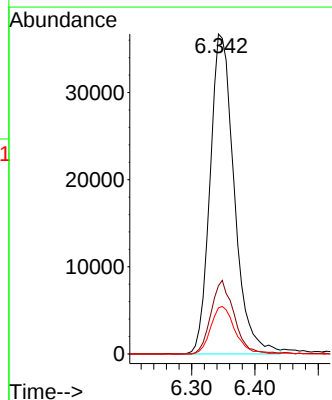
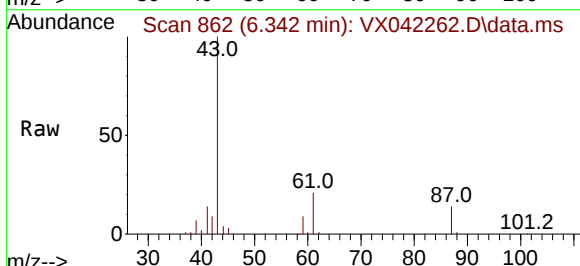
Tgt Ion: 43 Resp: 97412

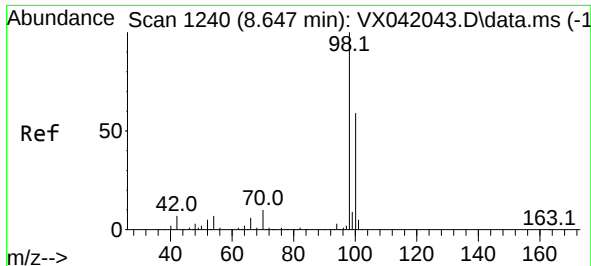
Ion Ratio Lower Upper

43 100

61 21.9 15.2 22.8

87 14.8 9.8 14.6#

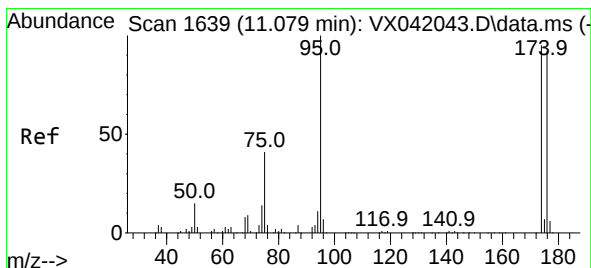
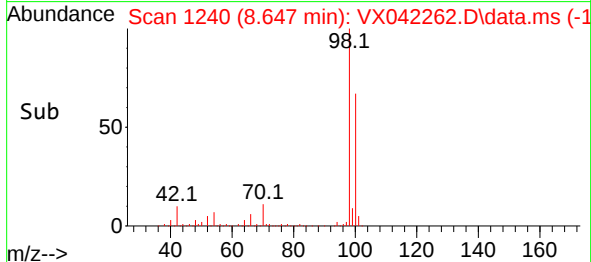
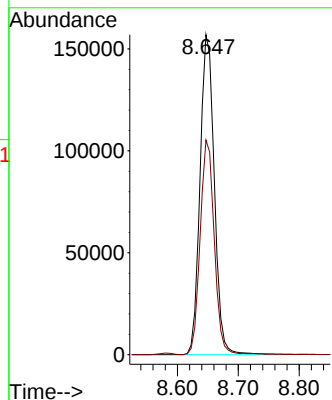
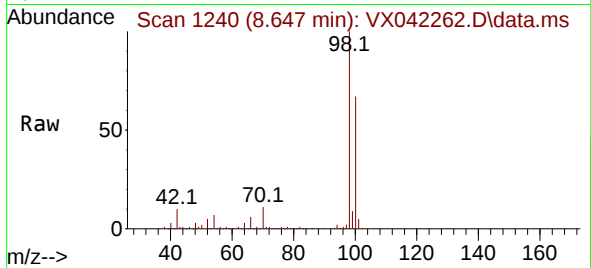




#50
Toluene-d8
Concen: 44.522 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

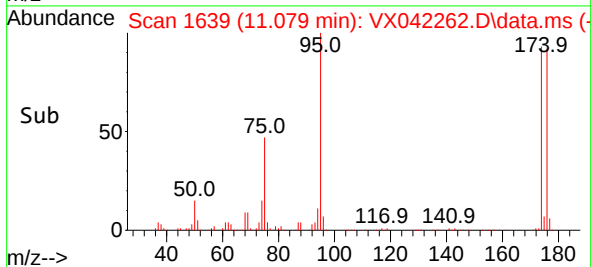
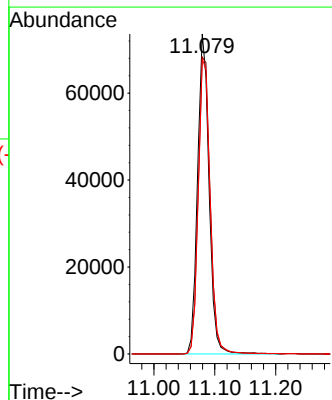
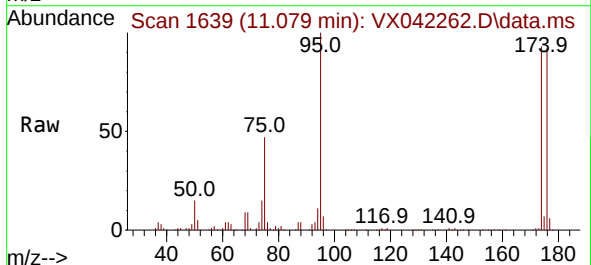
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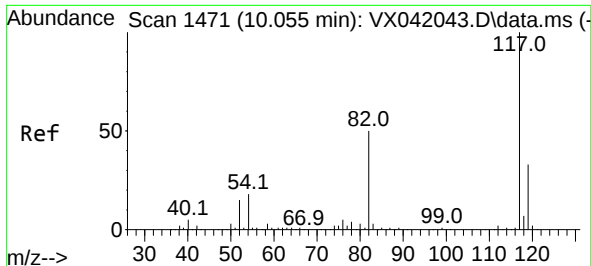
Tgt Ion: 98 Resp: 256163
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

Tgt Ion: 95 Resp: 96033
Ion Ratio Lower Upper
95 100
174 97.4 0.0 135.6
176 95.4 0.0 131.0

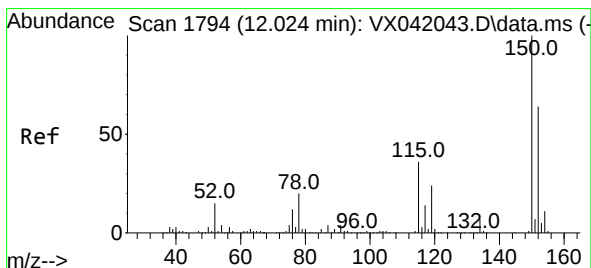
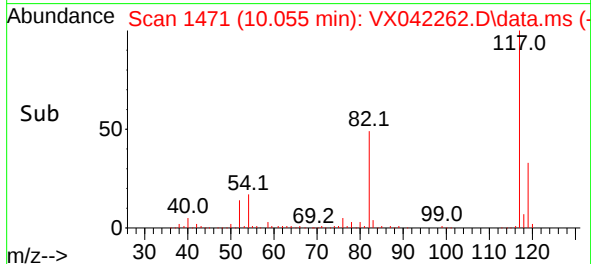
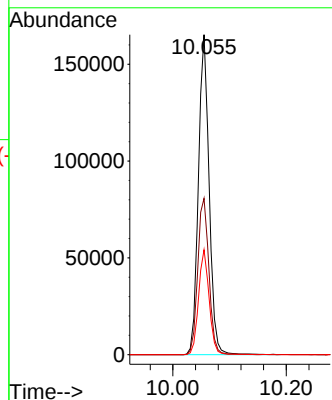
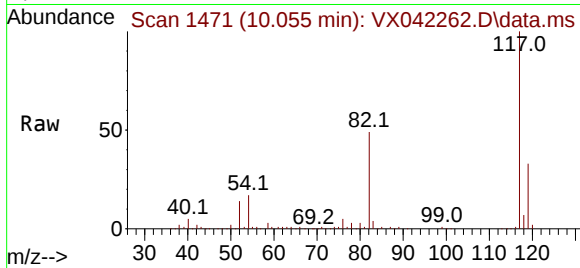




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042262.D
Acq: 10 Jul 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#03

Tgt Ion:117 Resp: 216605
Ion Ratio Lower Upper
117 100
82 48.9 46.2 69.4
119 32.8 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: VX042262.D
Acq: 10 Jul 2024 13:13

Tgt Ion:152 Resp: 100604
Ion Ratio Lower Upper
152 100
115 54.5 43.3 129.9
150 156.6 0.0 345.0

