

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042263.D
 Acq On : 10 Jul 2024 13:36
 Operator : JC/MD
 Sample : PB161974ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#04

Quant Time: Jul 11 00:55:58 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)

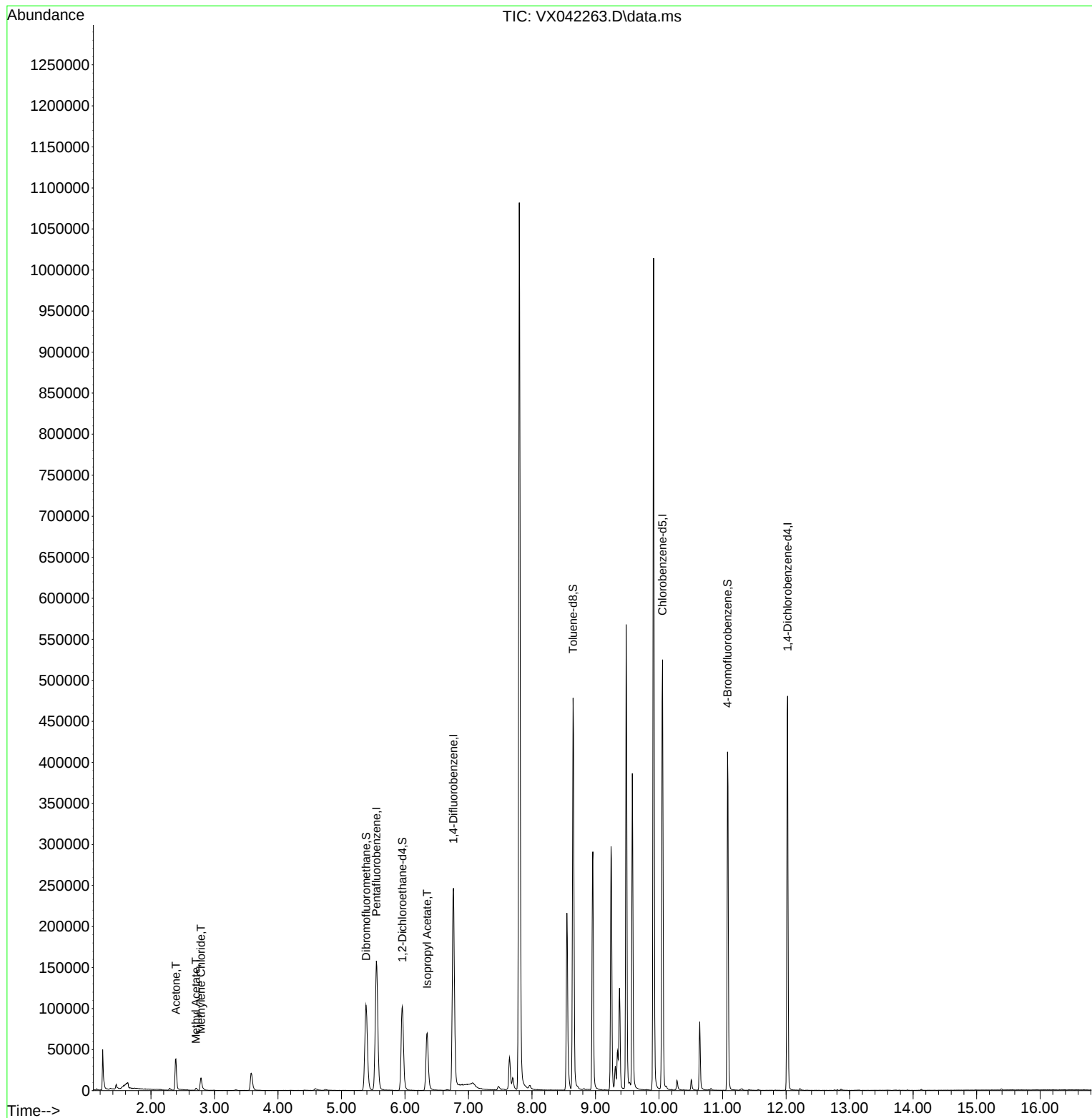
Internal Standards						
1) Pentafluorobenzene	5.550	168	173807	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	277870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98934	49.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.385	113	92747	47.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.647	98	294350	42.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.000%#
62) 4-Bromofluorobenzene	11.079	95	107484	42.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.200%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	44083	50.091	ug/l	92
18) Methyl Acetate	2.709	43	3727	1.552	ug/l	93
20) Methylene Chloride	2.788	84	9182	4.765	ug/l	89
43) Isopropyl Acetate	6.348	43	98560	23.543	ug/l	# 94

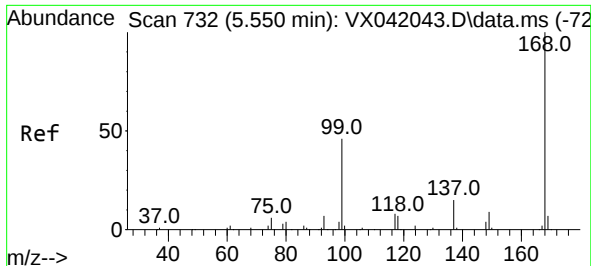
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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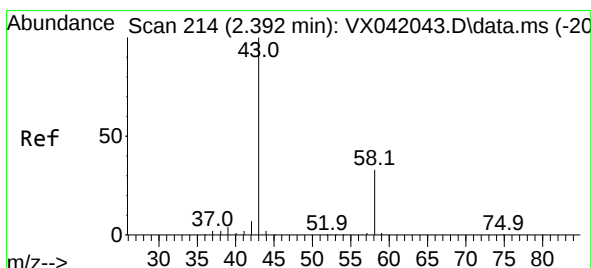
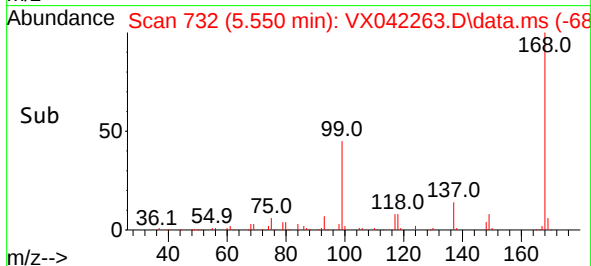
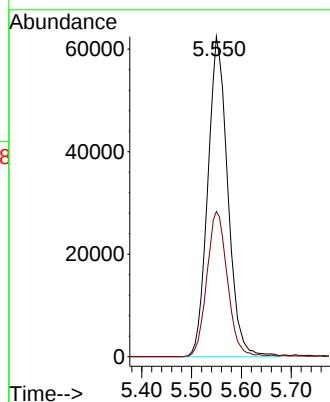
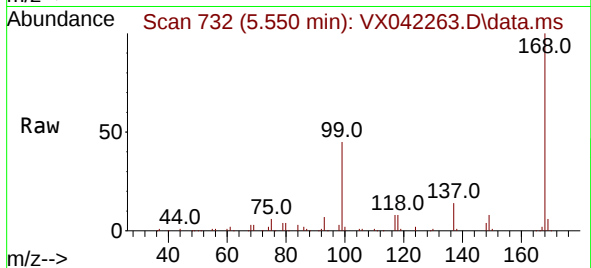




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042263.D
Acq: 10 Jul 2024 13:36

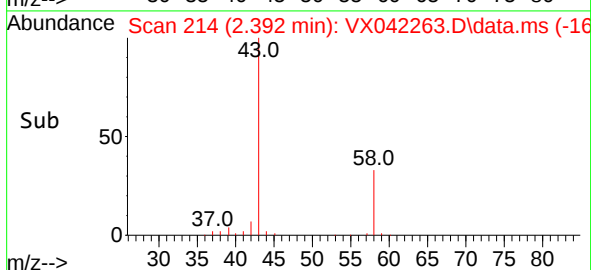
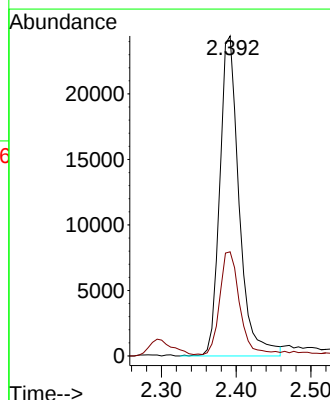
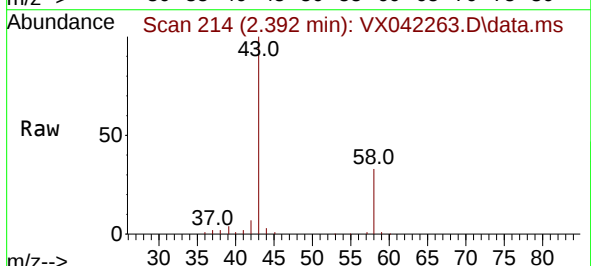
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#04

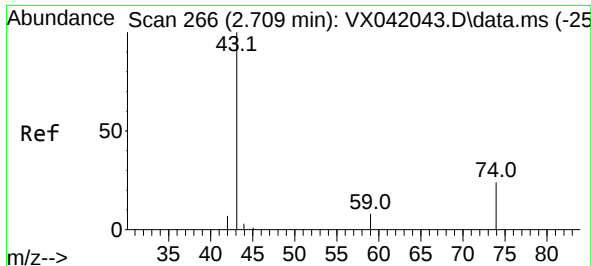
Tgt Ion:168 Resp: 173807
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0#



#16
Acetone
Concen: 50.091 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042263.D
Acq: 10 Jul 2024 13:36

Tgt Ion: 43 Resp: 44083
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9

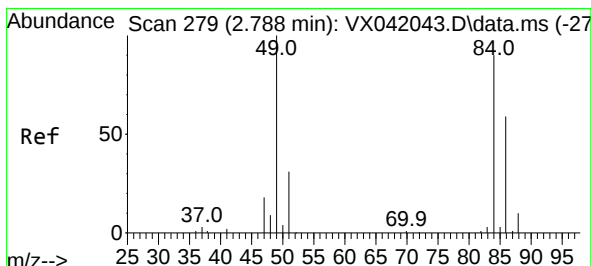
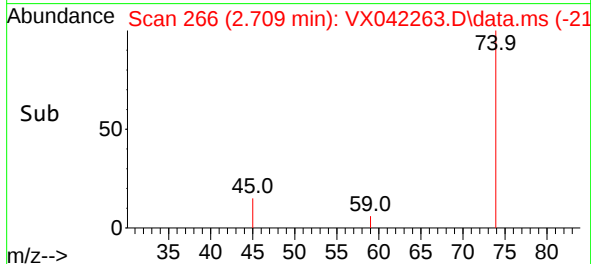
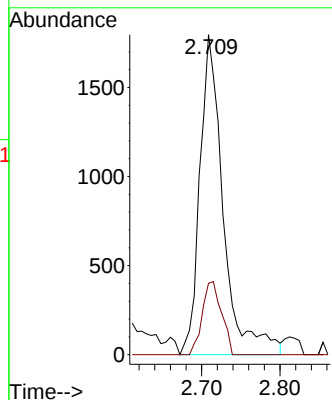
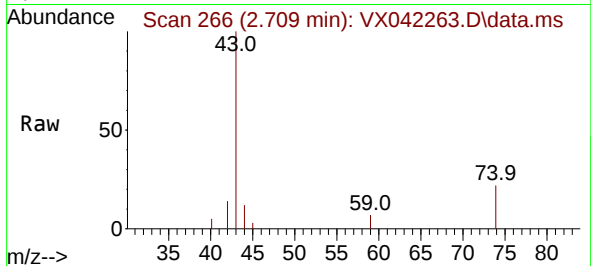




#18
Methyl Acetate
Concen: 1.552 ug/l
RT: 2.709 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX042263.D
Acq: 10 Jul 2024 13:36

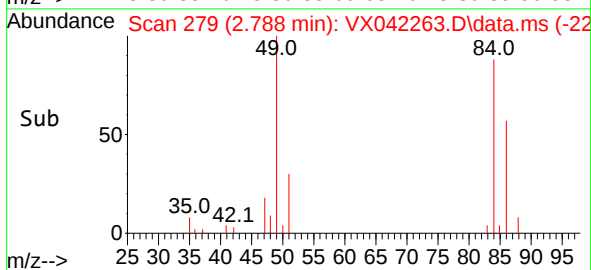
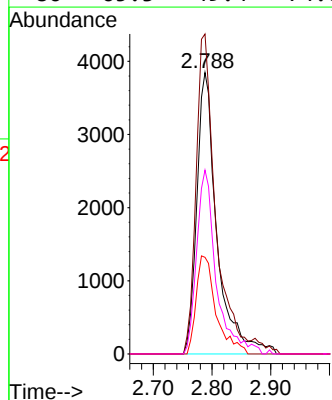
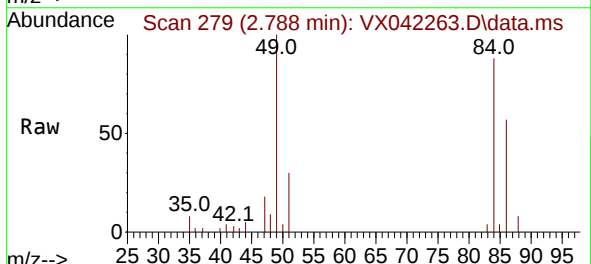
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#04

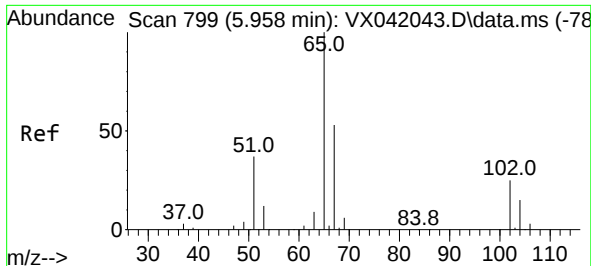
Tgt Ion: 43 Resp: 3727
Ion Ratio Lower Upper
43 100
74 18.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.765 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042263.D
Acq: 10 Jul 2024 13:36

Tgt Ion: 84 Resp: 9182
Ion Ratio Lower Upper
84 100
49 113.7 103.6 155.4
51 34.4 33.8 50.6
86 65.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 49.363 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042263.D

Acq: 10 Jul 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

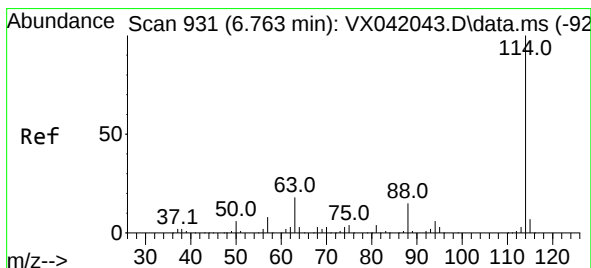
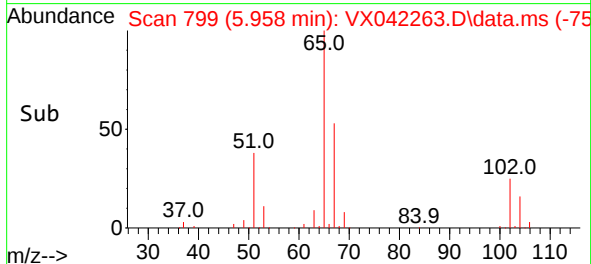
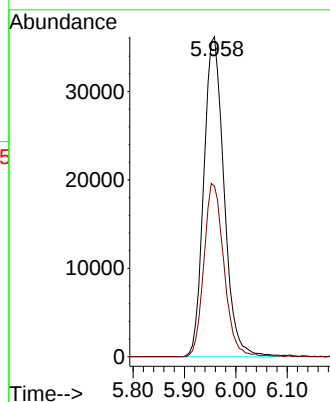
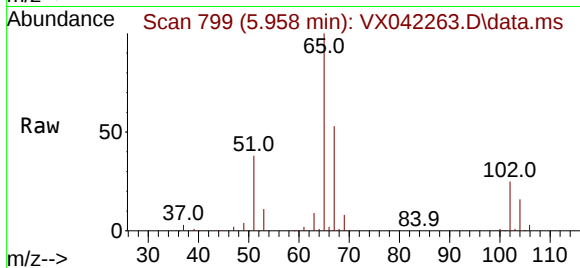
PB161974ZHE#04

Tgt Ion: 65 Resp: 98934

Ion Ratio Lower Upper

65 100

67 53.7 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: VX042263.D

Acq: 10 Jul 2024 13:36

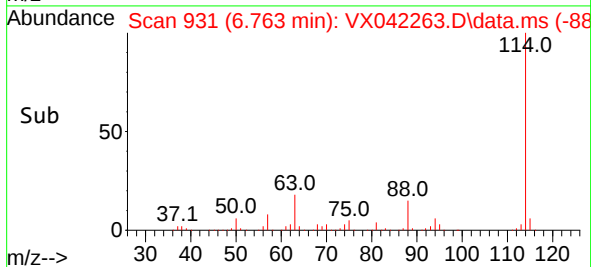
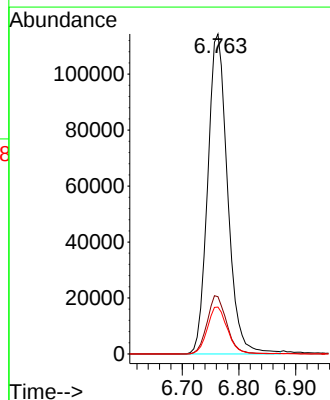
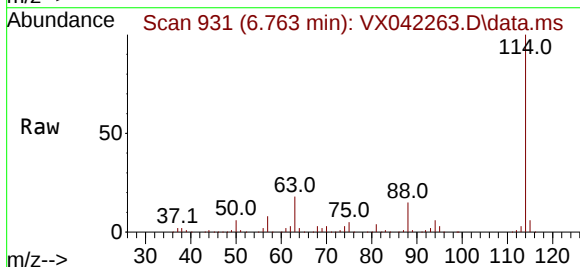
Tgt Ion: 114 Resp: 277870

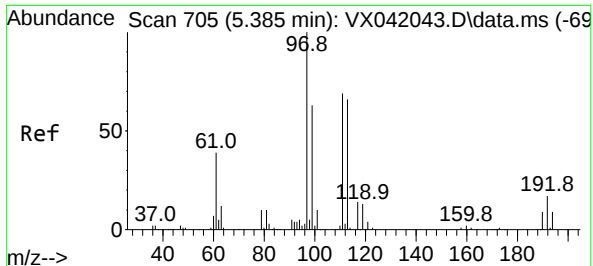
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.041 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042263.D

Acq: 10 Jul 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

PB161974ZHE#04

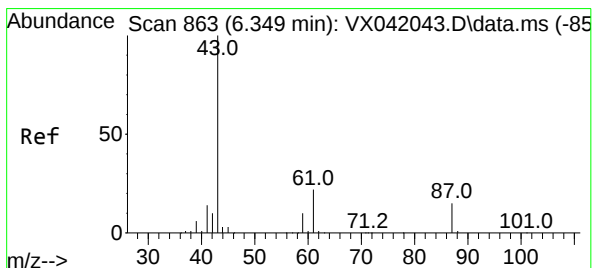
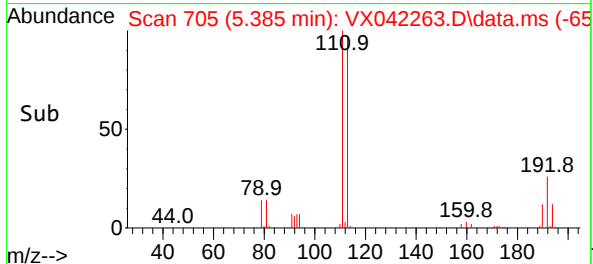
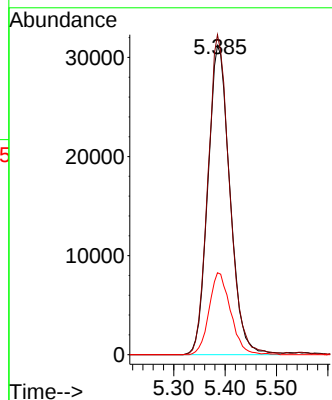
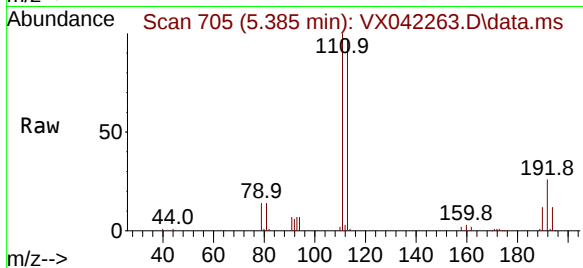
Tgt Ion:113 Resp: 92747

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 26.0 13.3 19.9#



#43

Isopropyl Acetate

Concen: 23.543 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX042263.D

Acq: 10 Jul 2024 13:36

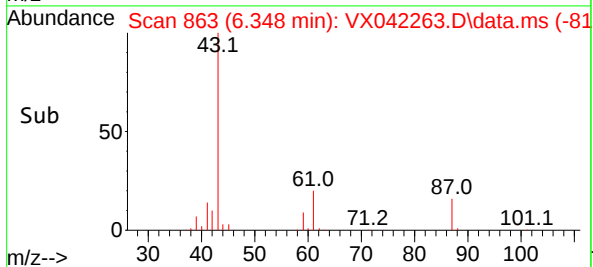
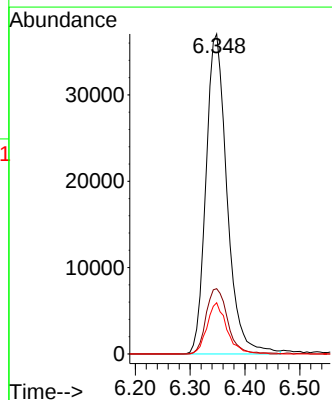
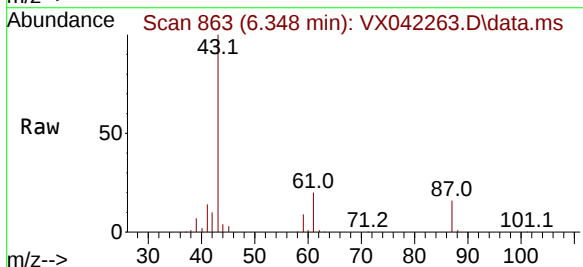
Tgt Ion: 43 Resp: 98560

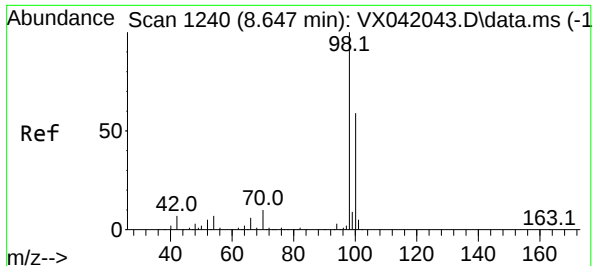
Ion Ratio Lower Upper

43 100

61 21.0 15.2 22.8

87 15.1 9.8 14.6#

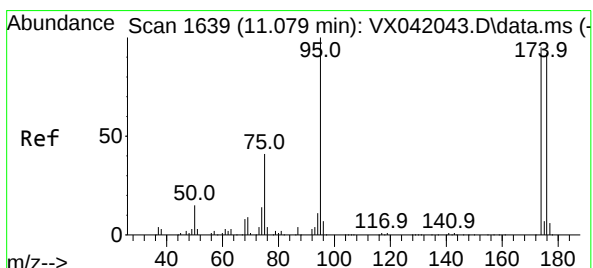
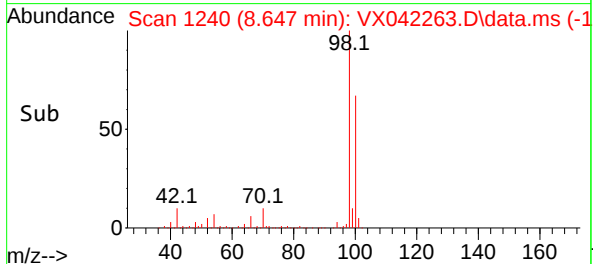
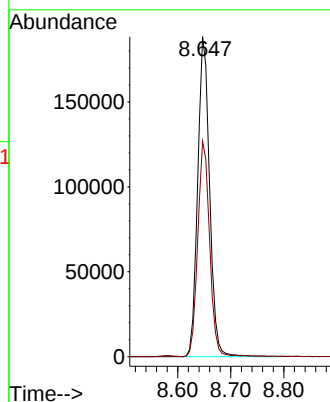
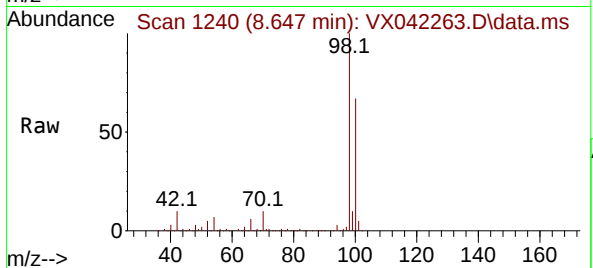




#50
Toluene-d8
Concen: 42.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042263.D
Acq: 10 Jul 2024 13:36

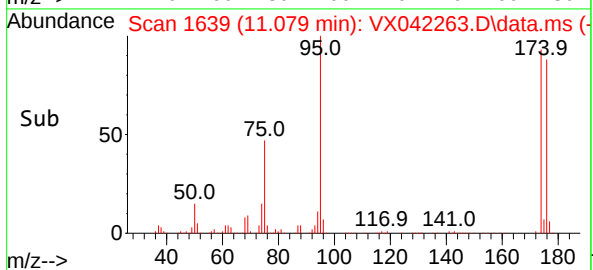
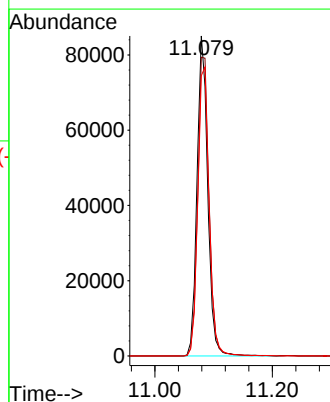
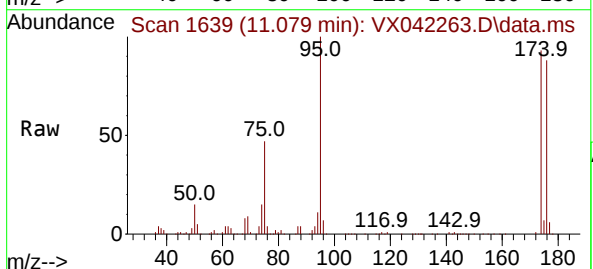
Instrument :
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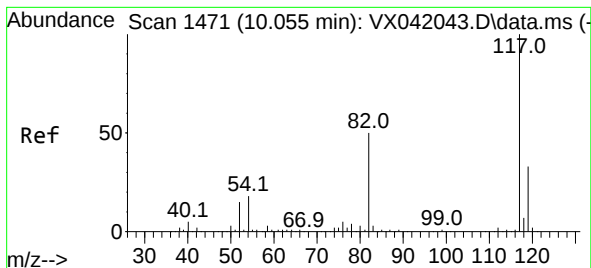
Tgt Ion: 98 Resp: 294350
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042263.D
Acq: 10 Jul 2024 13:36

Tgt Ion: 95 Resp: 107484
Ion Ratio Lower Upper
95 100
174 99.1 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: VX042263.D

Acq: 10 Jul 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

PB161974ZHE#04

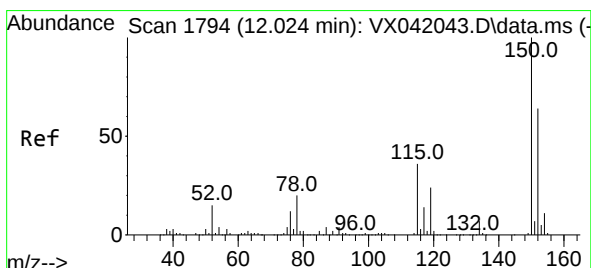
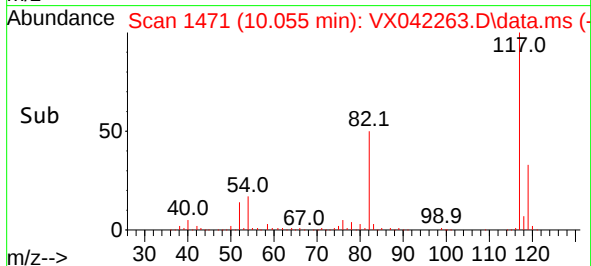
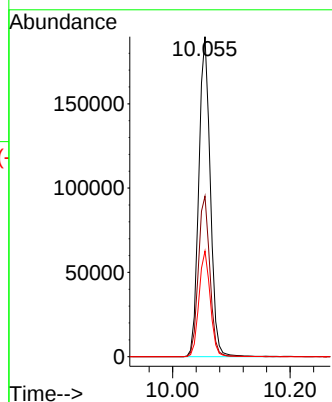
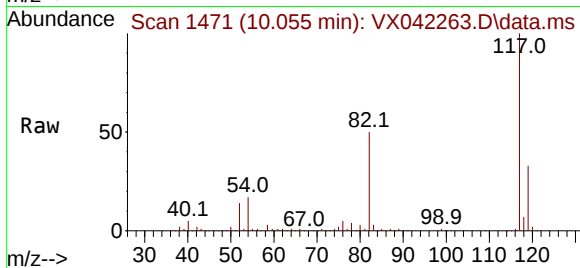
Tgt Ion:117 Resp: 258353

Ion Ratio Lower Upper

117 100

82 50.1 46.2 69.4

119 33.0 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: VX042263.D

Acq: 10 Jul 2024 13:36

Tgt Ion:152 Resp: 115653

Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 156.6 0.0 345.0

