

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041857.D
 Acq On : 13 Jun 2024 16:28
 Operator : JC/MD
 Sample : PB161467ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161467ZHE#12

Quant Time: Jun 14 01:00:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

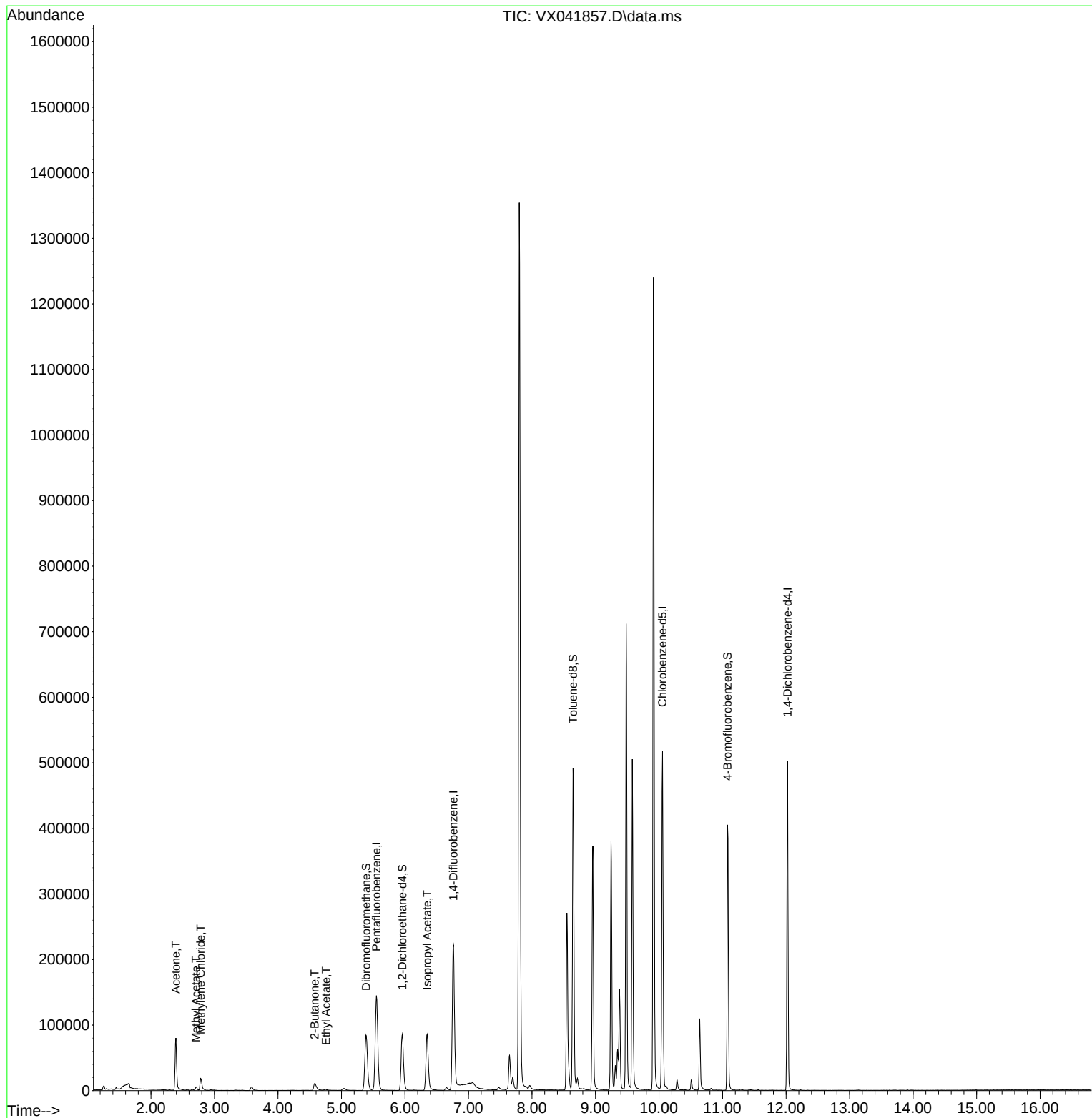
Internal Standards						
1) Pentafluorobenzene	5.550	168	158538	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	251027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82049	42.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.400%
35) Dibromofluoromethane	5.385	113	76659	44.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	300306	49.520	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	111187	49.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.360%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	90983	105.042	ug/l	# 89
18) Methyl Acetate	2.709	43	6924	3.729	ug/l	97
20) Methylene Chloride	2.782	84	10703	6.151	ug/l	88
25) 2-Butanone	4.574	43	22046	18.243	ug/l	100
37) Ethyl Acetate	4.757	43	3614	1.363	ug/l	# 84
43) Isopropyl Acetate	6.348	43	121424	30.324	ug/l	95

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

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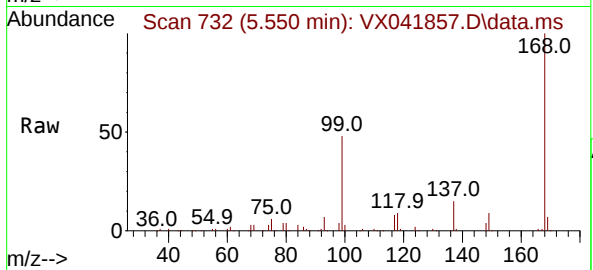
Quant Time: Jun 14 01:00:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
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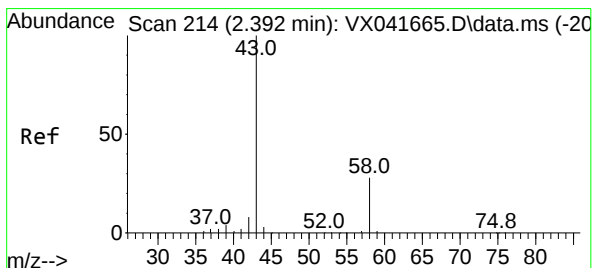
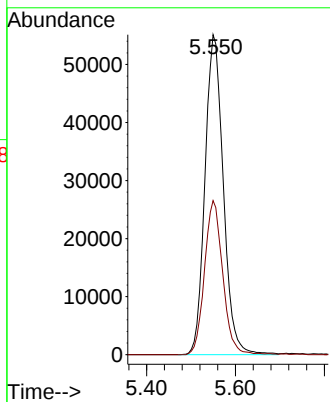
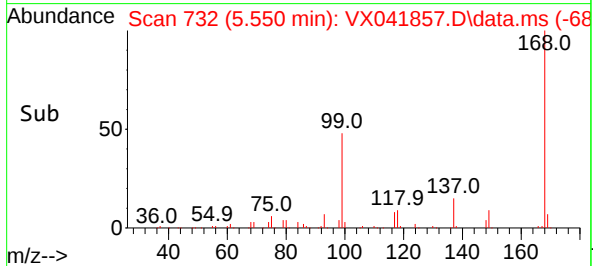


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#12

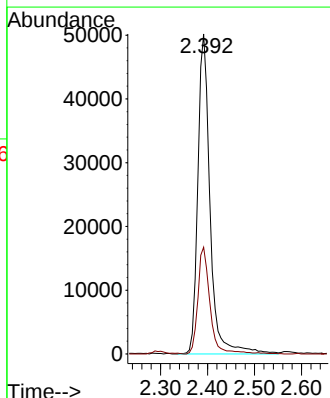
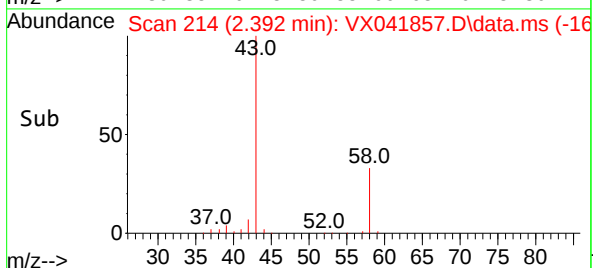
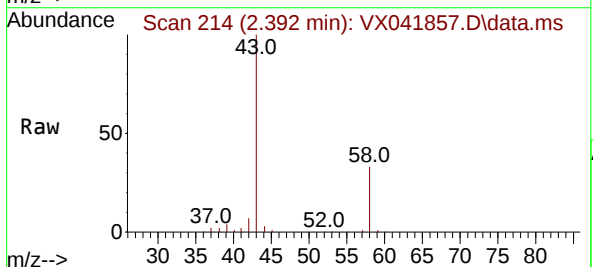


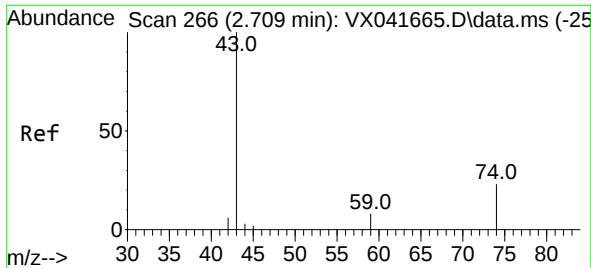
Tgt Ion:168 Resp: 158538
Ion Ratio Lower Upper
168 100
99 48.1 56.6 85.0#



#16
Acetone
Concen: 105.042 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

Tgt Ion: 43 Resp: 90983
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#

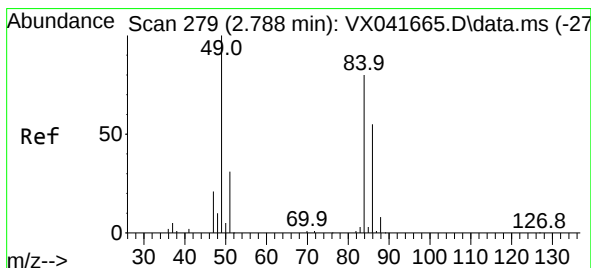
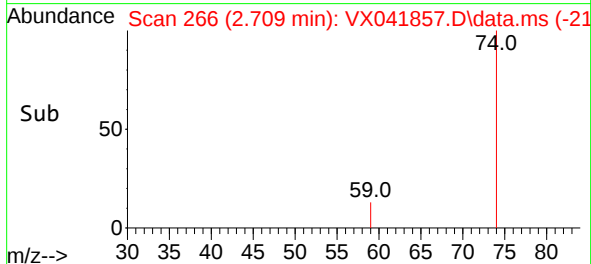
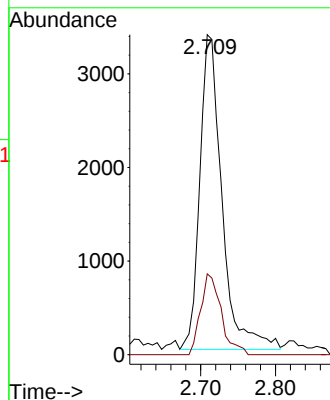
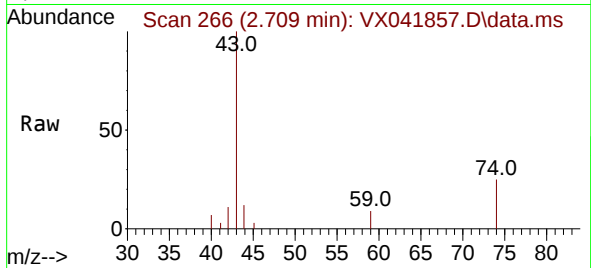




#18
Methyl Acetate
Concen: 3.729 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

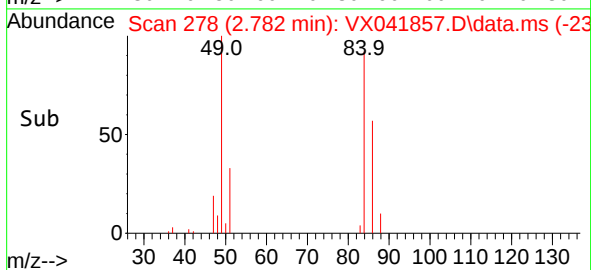
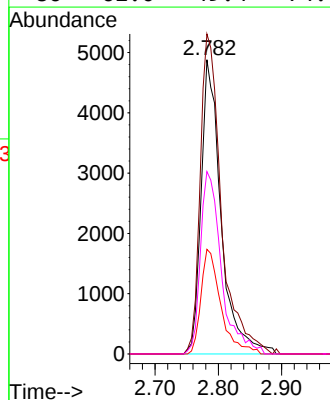
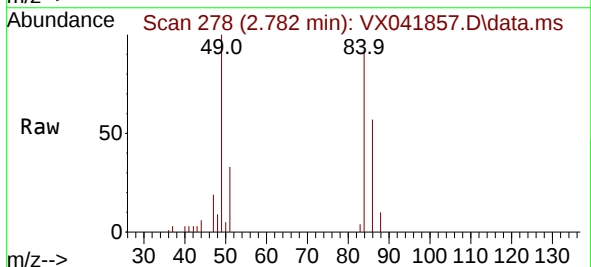
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#12

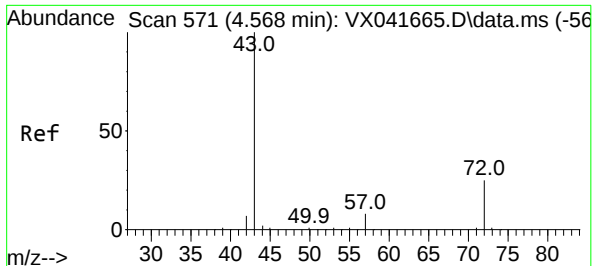
Tgt Ion: 43 Resp: 6924
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.8



#20
Methylene Chloride
Concen: 6.151 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

Tgt Ion: 84 Resp: 10703
Ion Ratio Lower Upper
84 100
49 108.8 103.6 155.4
51 35.6 33.8 50.6
86 62.0 49.4 74.0

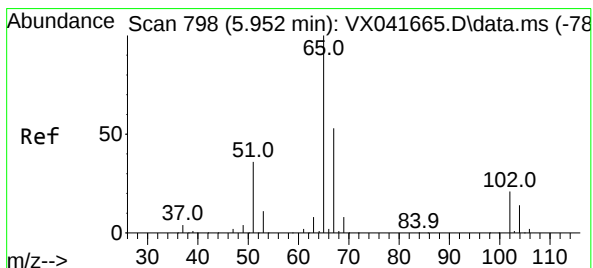
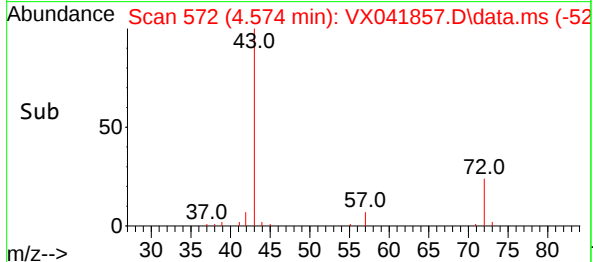
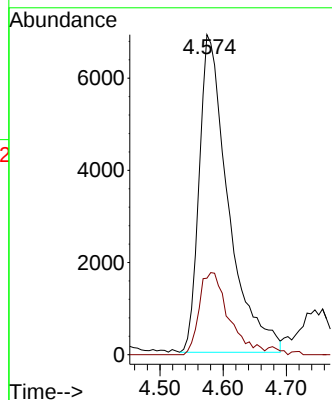
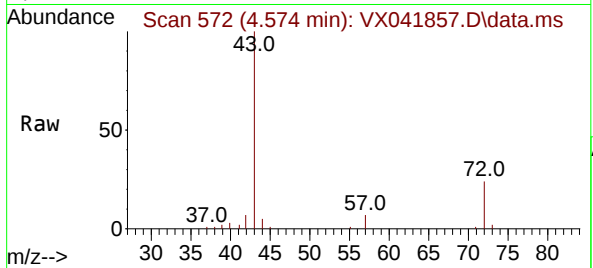




#25
2-Butanone
Concen: 18.243 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

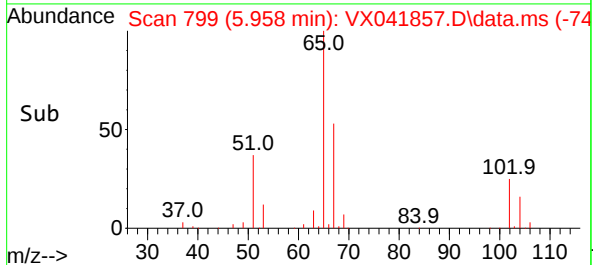
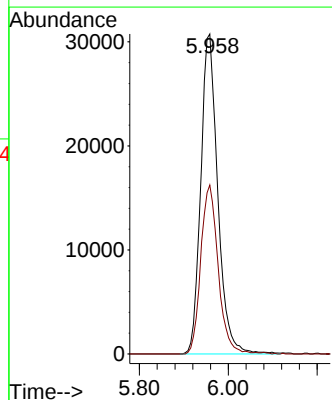
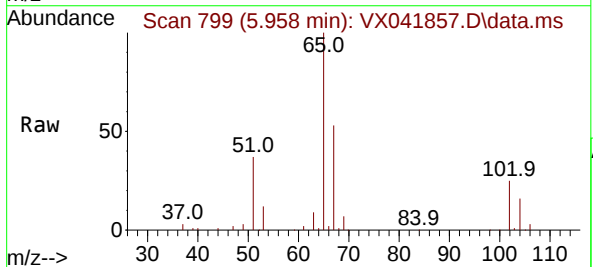
Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#12

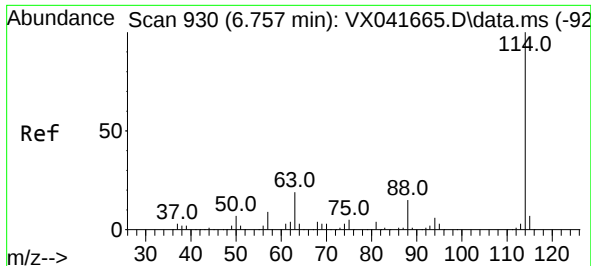
Tgt Ion: 43 Resp: 22046
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 42.197 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

Tgt Ion: 65 Resp: 82049
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

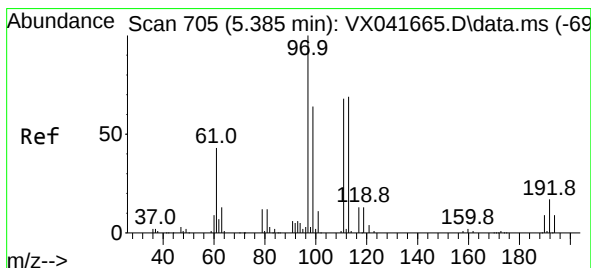
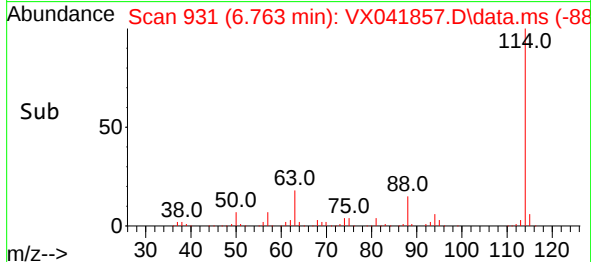
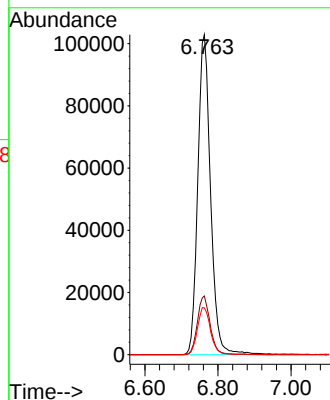
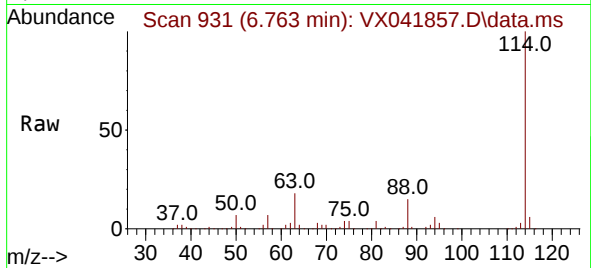




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX041857.D
 Acq: 13 Jun 2024 16:28

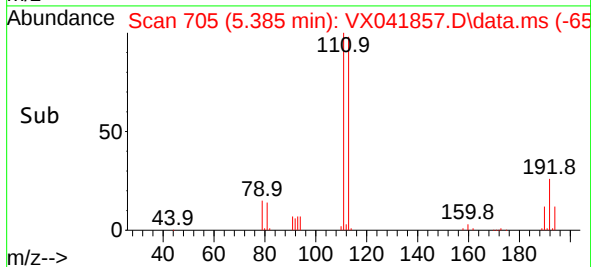
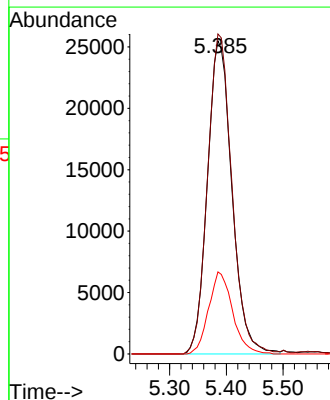
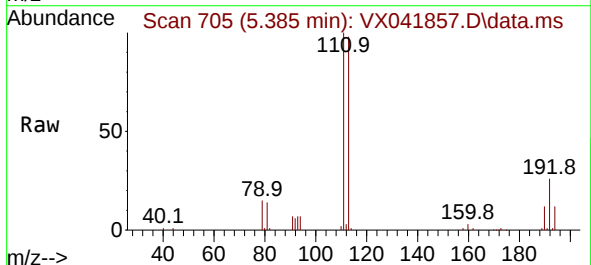
Instrument :
 MSVOA_X
 ClientSampleId :
 PB161467ZHE#12

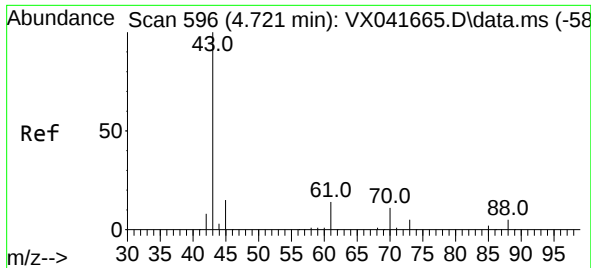
Tgt Ion:114 Resp: 251027
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 45.0
 88 14.7 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 44.169 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX041857.D
 Acq: 13 Jun 2024 16:28

Tgt Ion:113 Resp: 76659
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.9 124.3
 192 25.5 13.3 19.9#





#37

Ethyl Acetate

Concen: 1.363 ug/l

RT: 4.757 min Scan# 602

Delta R.T. 0.037 min

Lab File: VX041857.D

Acq: 13 Jun 2024 16:28

Instrument :

MSVOA_X

ClientSampleId :

PB161467ZHE#12

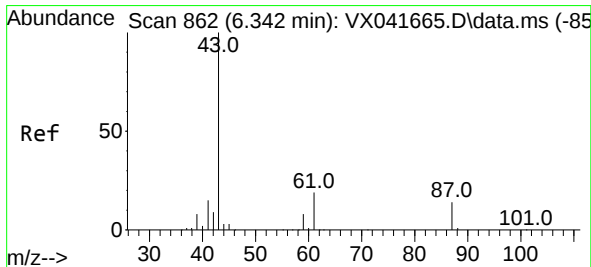
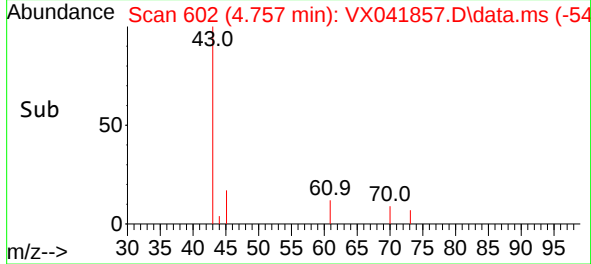
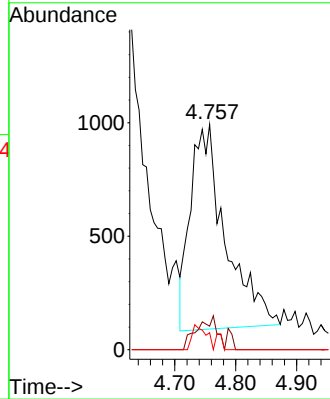
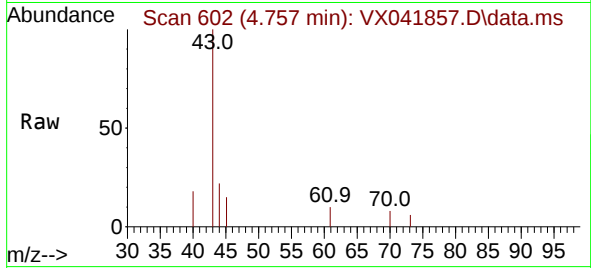
Tgt Ion: 43 Resp: 3614

Ion Ratio Lower Upper

43 100

61 9.4 10.6 16.0#

70 1.4 8.3 12.5#



#43

Isopropyl Acetate

Concen: 30.324 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041857.D

Acq: 13 Jun 2024 16:28

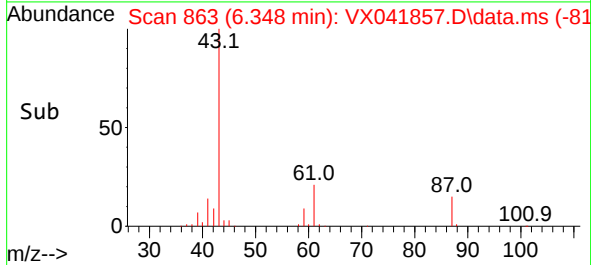
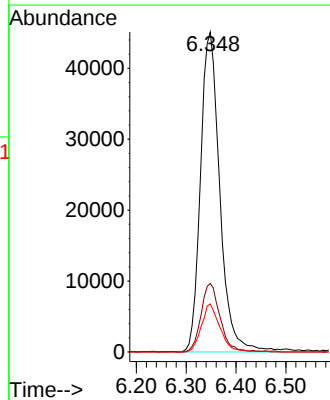
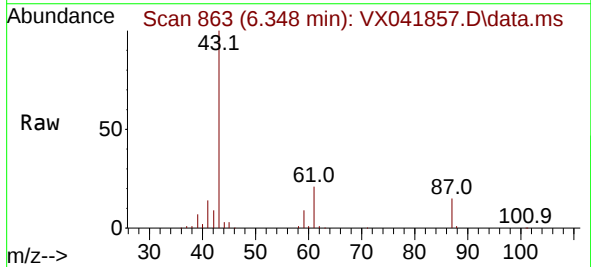
Tgt Ion: 43 Resp: 121424

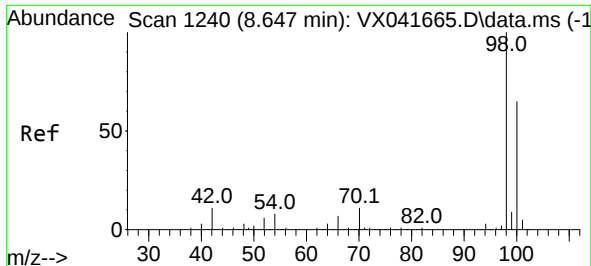
Ion Ratio Lower Upper

43 100

61 21.0 15.2 22.8

87 14.4 9.8 14.6

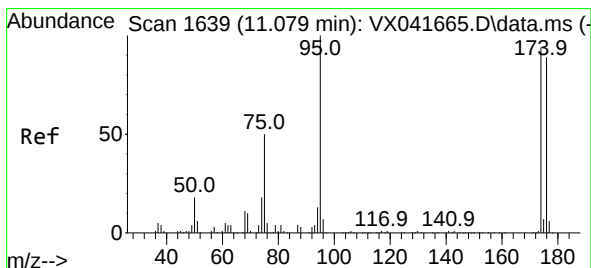
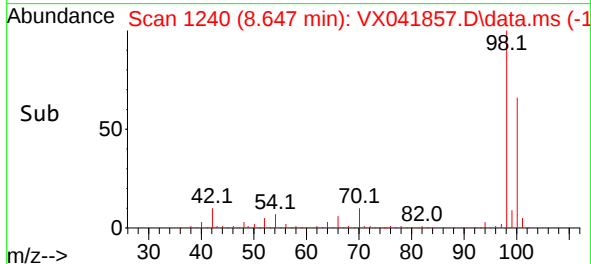
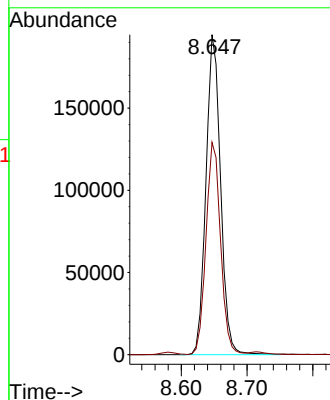
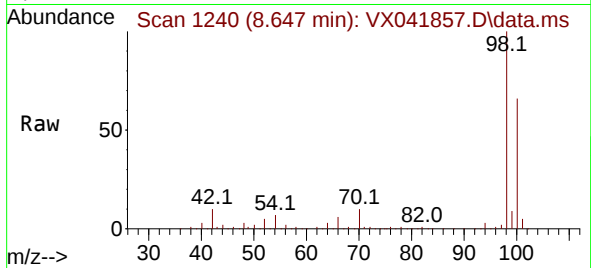




#50
Toluene-d8
Concen: 49.520 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

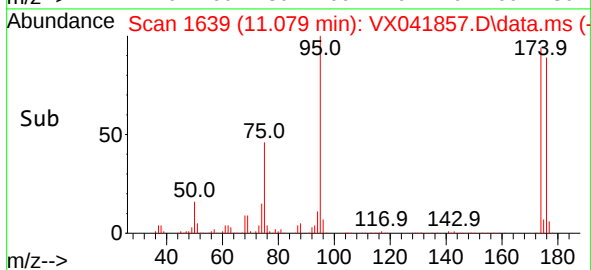
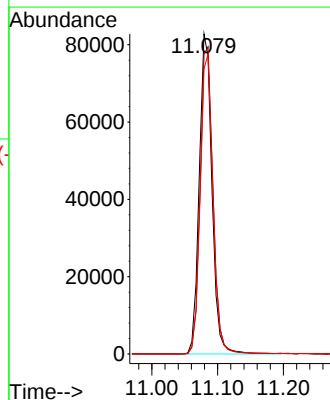
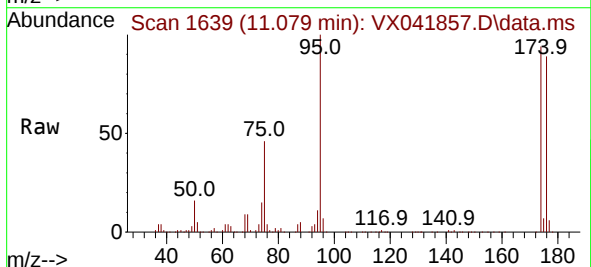
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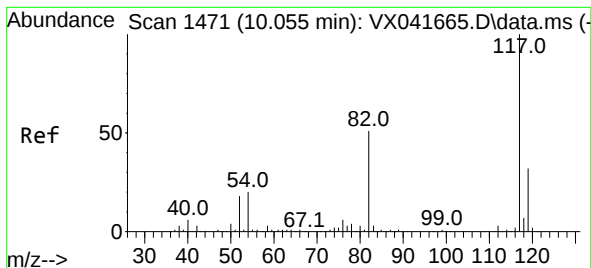
Tgt Ion: 98 Resp: 300306
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041857.D
Acq: 13 Jun 2024 16:28

Tgt Ion: 95 Resp: 111187
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 93.9 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: VX041857.D

Acq: 13 Jun 2024 16:28

Instrument :

MSVOA_X

ClientSampleId :

PB161467ZHE#12

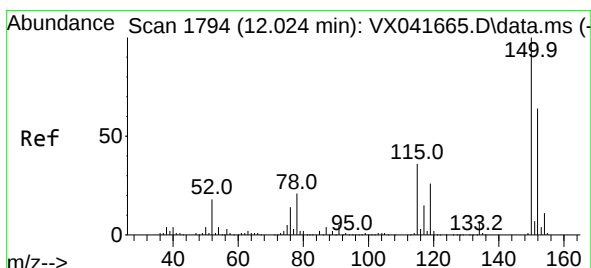
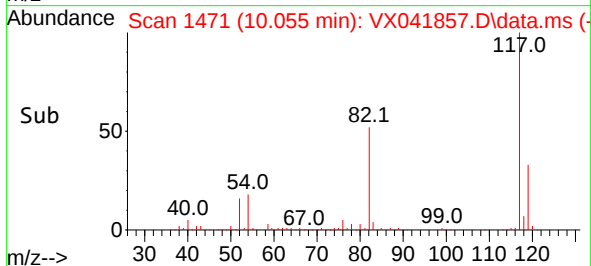
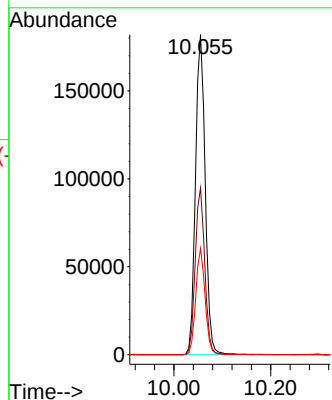
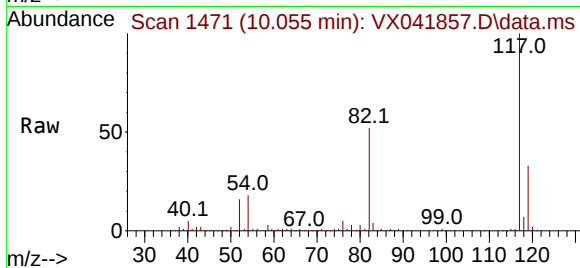
Tgt Ion:117 Resp: 253542

Ion Ratio Lower Upper

117 100

82 52.1 46.2 69.4

119 33.3 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: VX041857.D

Acq: 13 Jun 2024 16:28

Tgt Ion:152 Resp: 120266

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 157.2 0.0 345.0

