

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041862.D
 Acq On : 13 Jun 2024 18:25
 Operator : JC/MD
 Sample : P2853-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2

Quant Time: Jun 14 01:51:47 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)

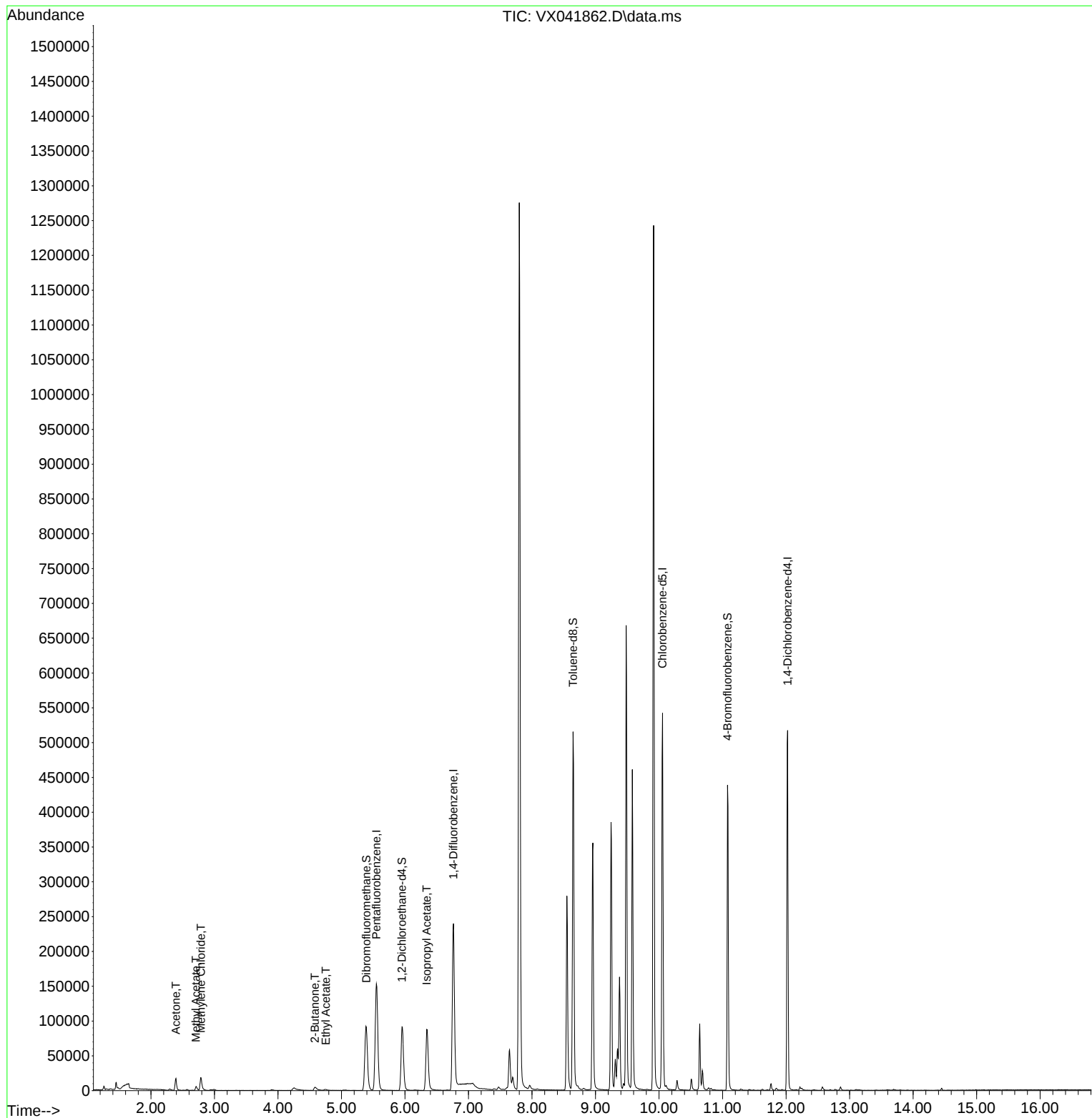
Internal Standards						
1) Pentafluorobenzene	5.550	168	171965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	265976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89161	42.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.540%
35) Dibromofluoromethane	5.391	113	83848	45.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.200%
50) Toluene-d8	8.647	98	317780	49.456	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	115539	48.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	18558	17.371	ug/l	# 84
18) Methyl Acetate	2.709	43	7849	3.898	ug/l	98
20) Methylene Chloride	2.788	84	10707	5.673	ug/l	# 89
25) 2-Butanone	4.580	43	10335	7.884	ug/l	94
37) Ethyl Acetate	4.751	43	3487	1.241	ug/l	# 90
43) Isopropyl Acetate	6.342	43	123170	29.031	ug/l	94

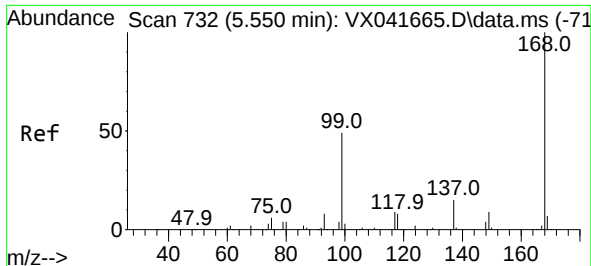
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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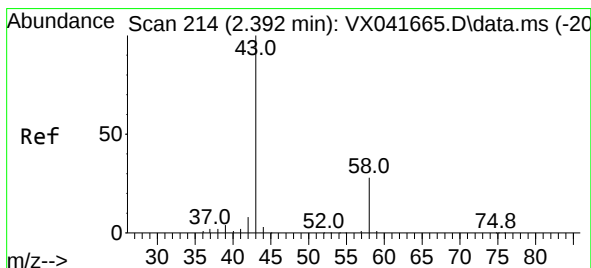
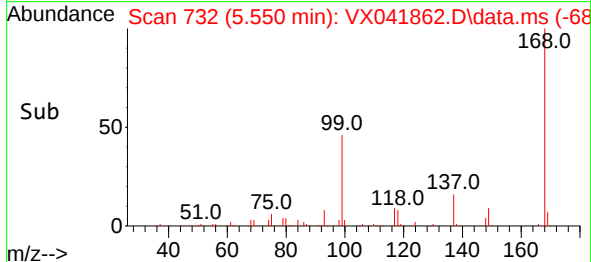
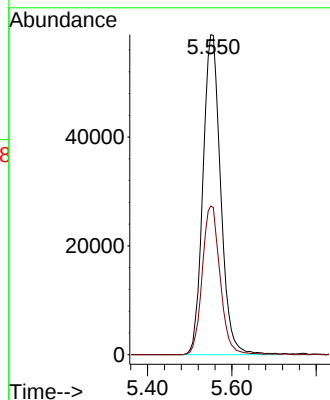
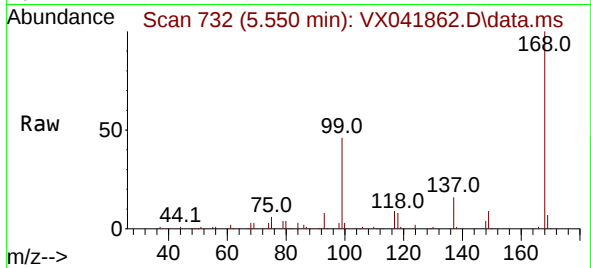




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

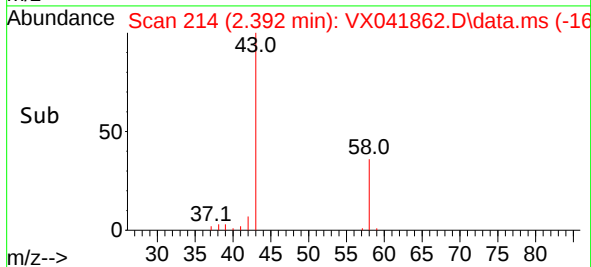
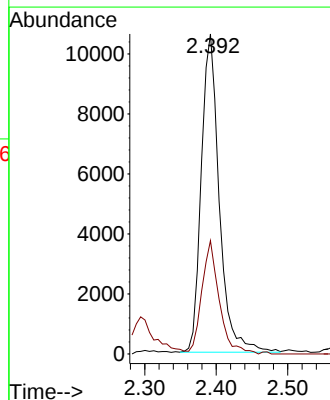
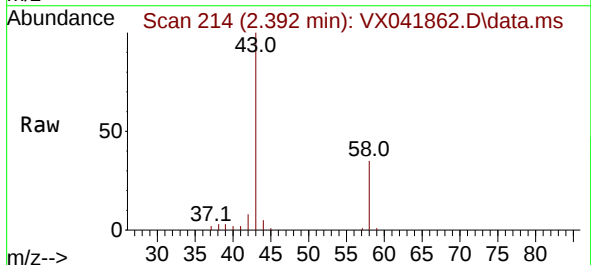
Instrument :
MSVOA_X
ClientSampleId :
2

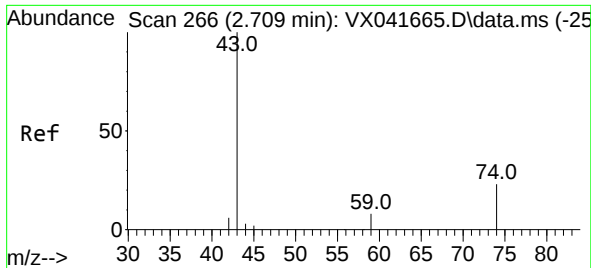
Tgt Ion:168 Resp: 171965
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#16
Acetone
Concen: 17.371 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 43 Resp: 18558
Ion Ratio Lower Upper
43 100
58 35.6 21.9 32.9#

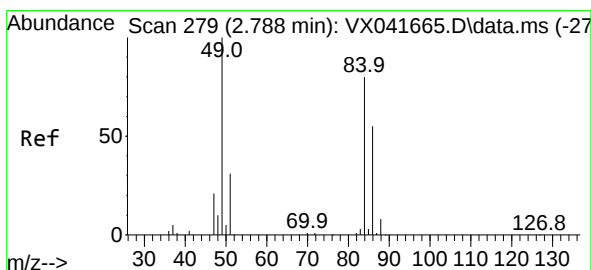
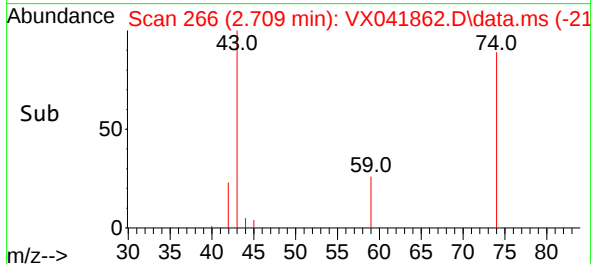
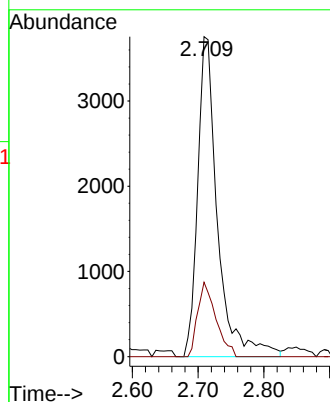
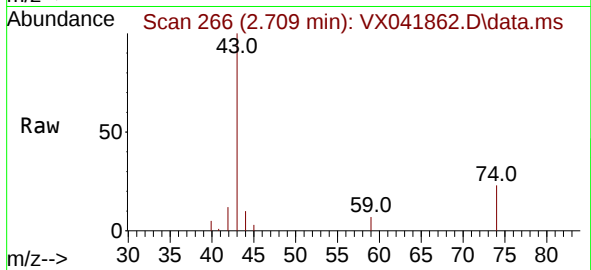




#18
Methyl Acetate
Concen: 3.898 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

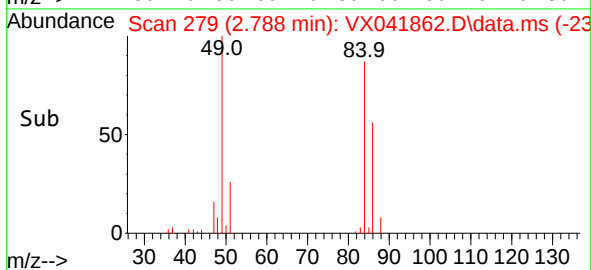
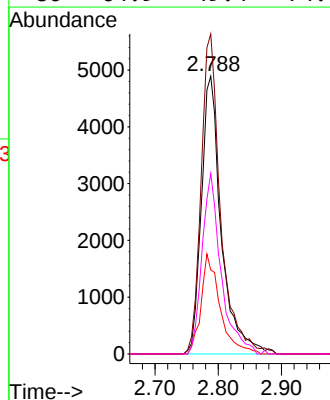
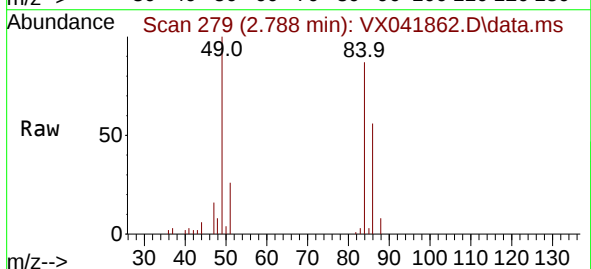
Instrument :
MSVOA_X
ClientSampleId :
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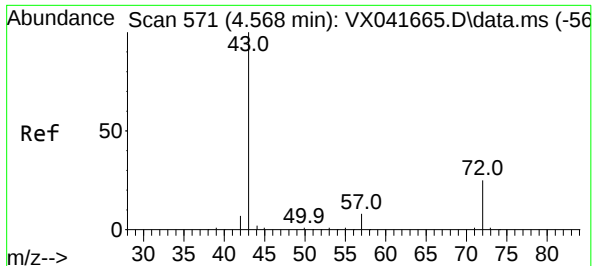
Tgt Ion: 43 Resp: 7849
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 5.673 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 84 Resp: 10707
Ion Ratio Lower Upper
84 100
49 115.2 103.6 155.4
51 30.3 33.8 50.6#
86 64.9 49.4 74.0

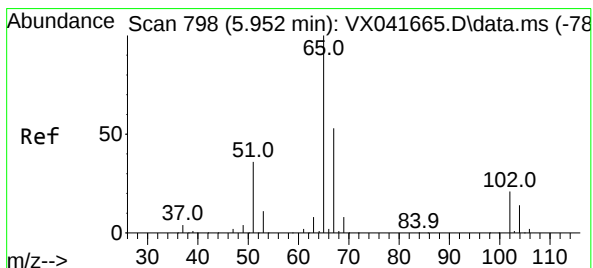
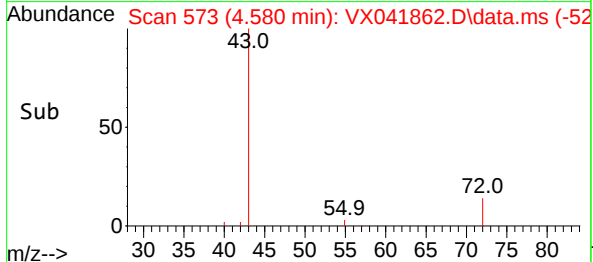
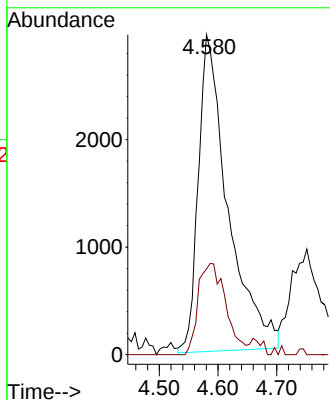
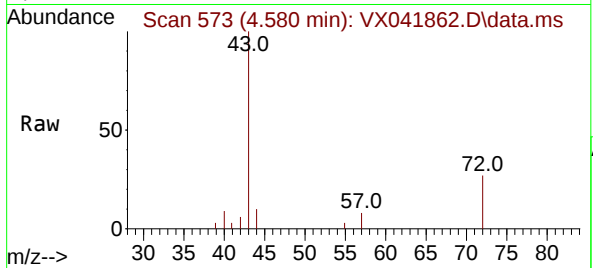




#25
2-Butanone
Concen: 7.884 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

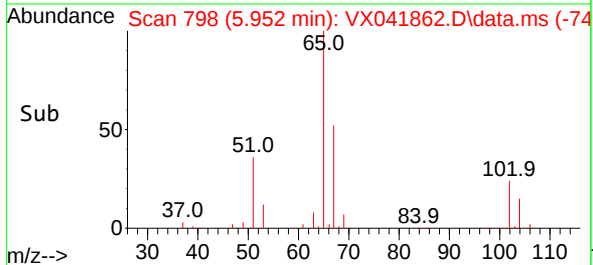
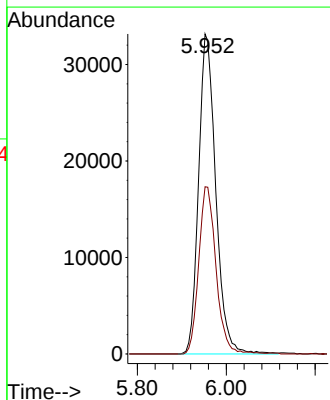
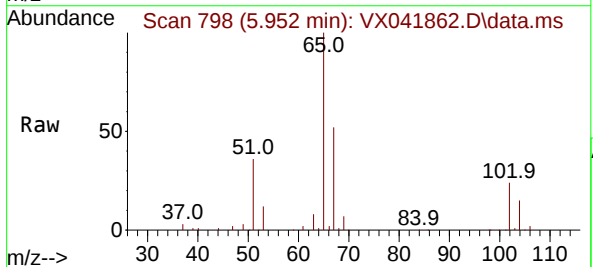
Instrument :
MSVOA_X
ClientSampleId :
2

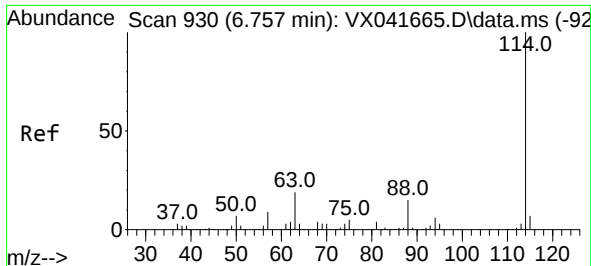
Tgt Ion: 43 Resp: 10335
Ion Ratio Lower Upper
43 100
72 27.4 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 42.275 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 65 Resp: 89161
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

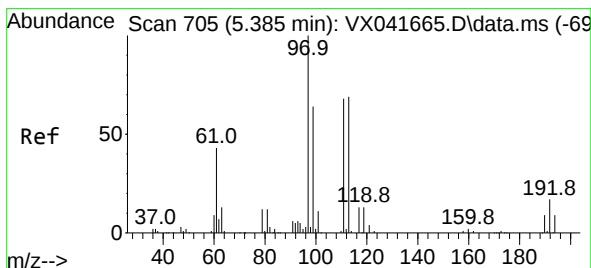
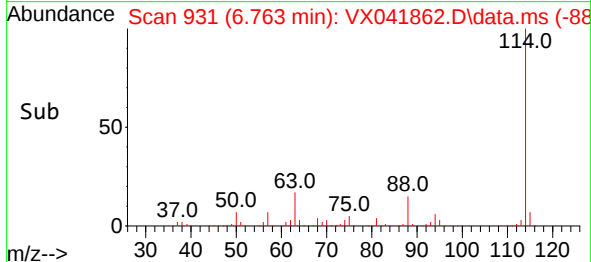
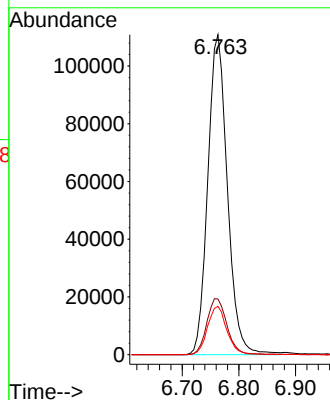
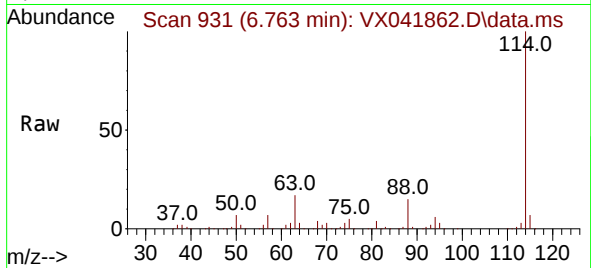




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

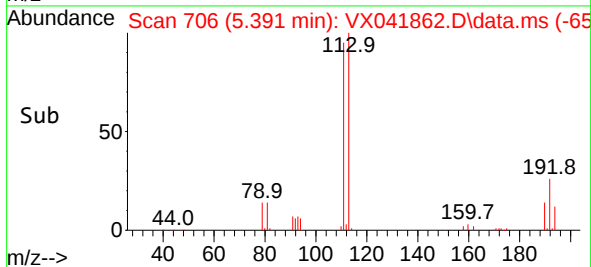
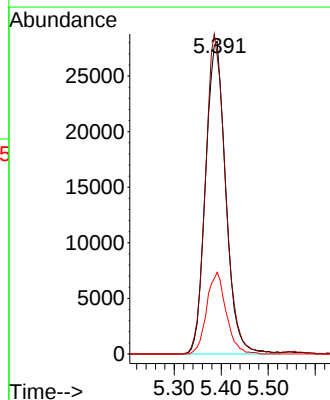
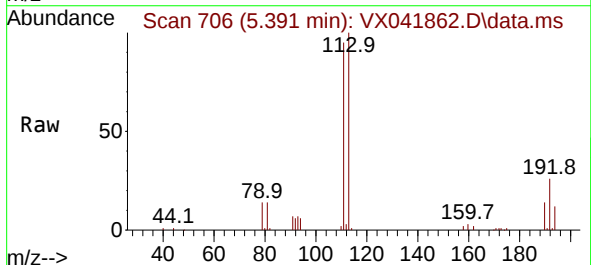
Instrument :
MSVOA_X
ClientSampleId :
2

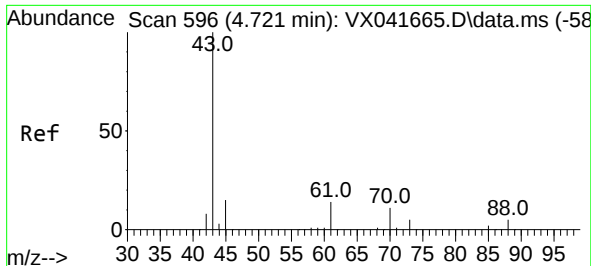
Tgt Ion:114 Resp: 265976
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.596 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion:113 Resp: 83848
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 25.2 13.3 19.9#





#37

Ethyl Acetate

Concen: 1.241 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.031 min

Lab File: VX041862.D

Acq: 13 Jun 2024 18:25

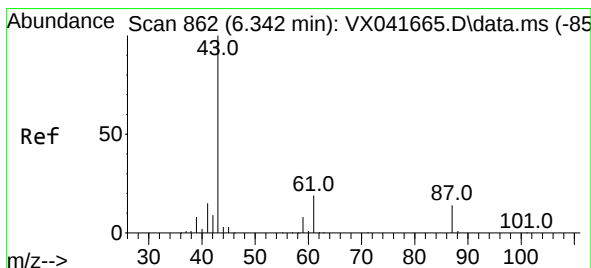
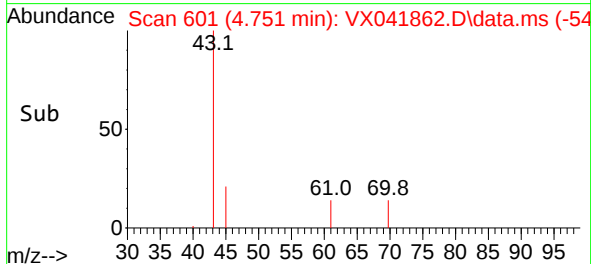
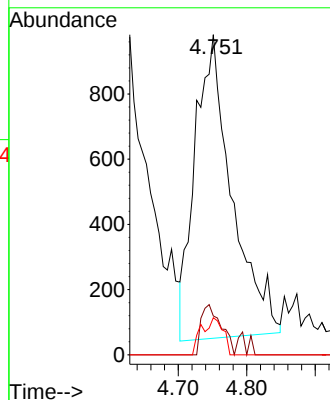
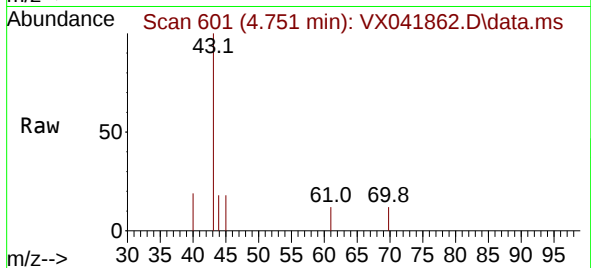
Instrument :

MSVOA_X

ClientSampleId :

2

Tgt Ion: 43	Resp: 3487
Ion Ratio	Lower Upper
43 100	
61 9.0	10.6 16.0#
70 7.1	8.3 12.5#



#43

Isopropyl Acetate

Concen: 29.031 ug/l

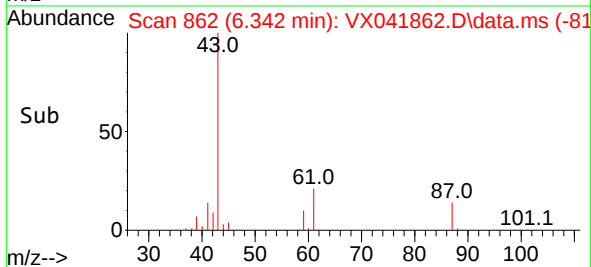
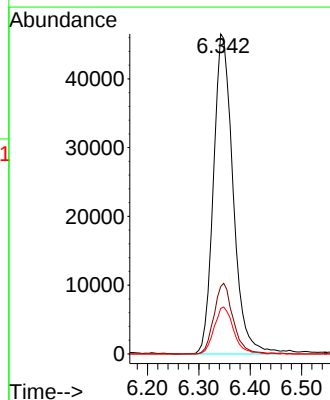
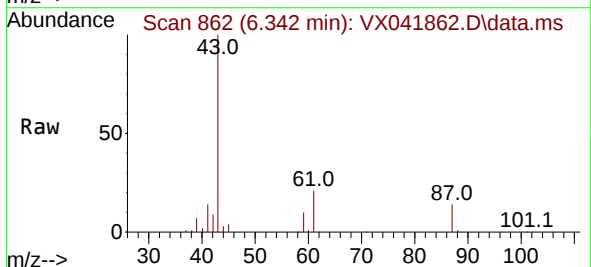
RT: 6.342 min Scan# 862

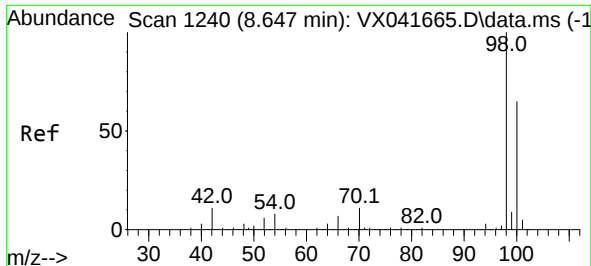
Delta R.T. 0.000 min

Lab File: VX041862.D

Acq: 13 Jun 2024 18:25

Tgt Ion: 43	Resp: 123170
Ion Ratio	Lower Upper
43 100	
61 21.7	15.2 22.8
87 14.5	9.8 14.6

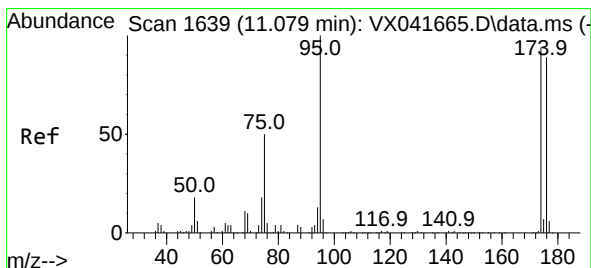
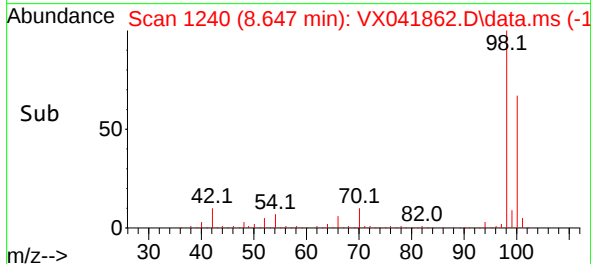
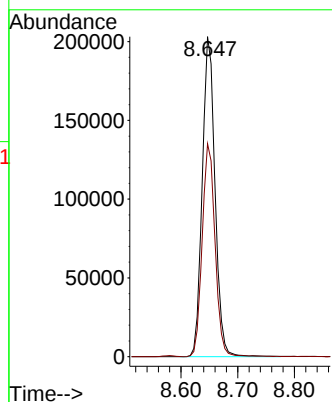
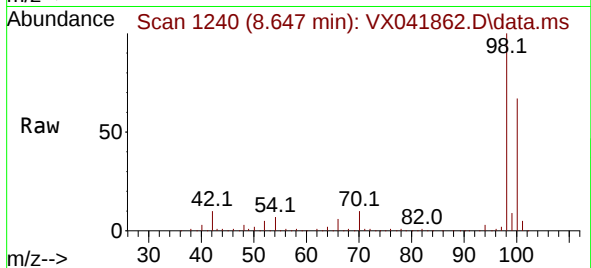




#50
Toluene-d8
Concen: 49.456 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

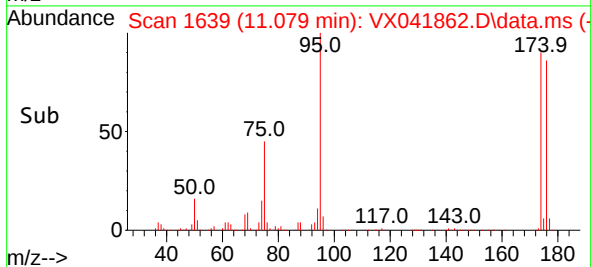
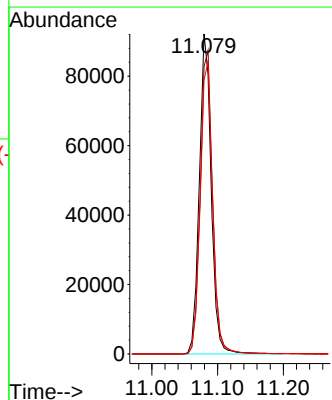
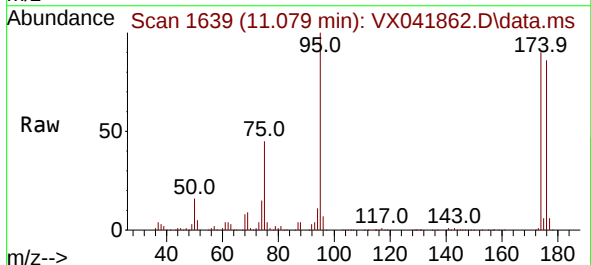
Instrument :
MSVOA_X
ClientSampleId :
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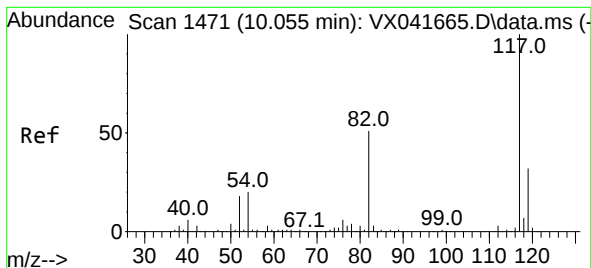
Tgt Ion: 98 Resp: 317780
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041862.D
Acq: 13 Jun 2024 18:25

Tgt Ion: 95 Resp: 115539
Ion Ratio Lower Upper
95 100
174 98.7 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: VX041862.D

Acq: 13 Jun 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

2

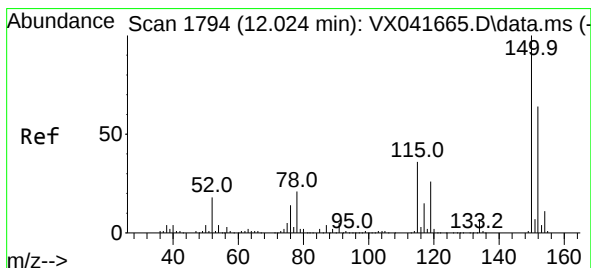
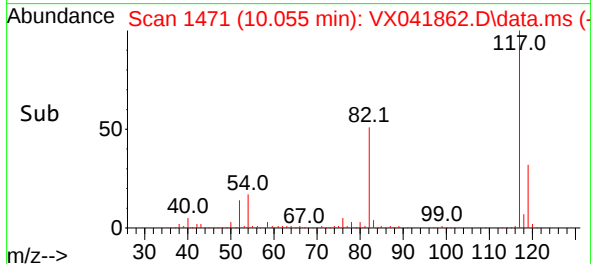
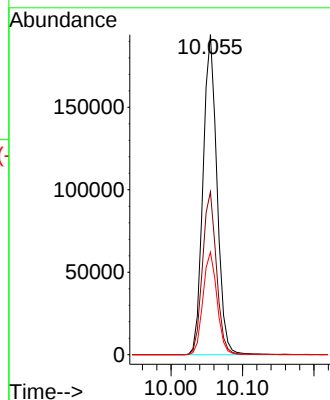
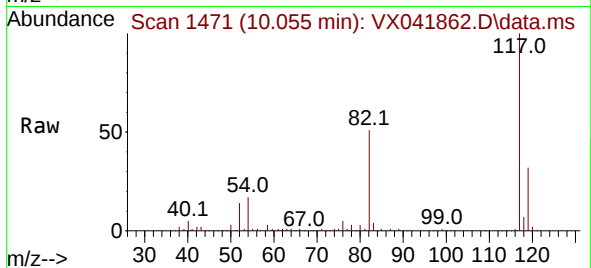
Tgt Ion:117 Resp: 263083

Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 32.0 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: VX041862.D

Acq: 13 Jun 2024 18:25

Tgt Ion:152 Resp: 125453

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 156.3 0.0 345.0

