

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041713.D
 Acq On : 03 Jun 2024 18:38
 Operator : JC/MD
 Sample : P2687-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11998

Quant Time: Jun 04 00:53:12 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)

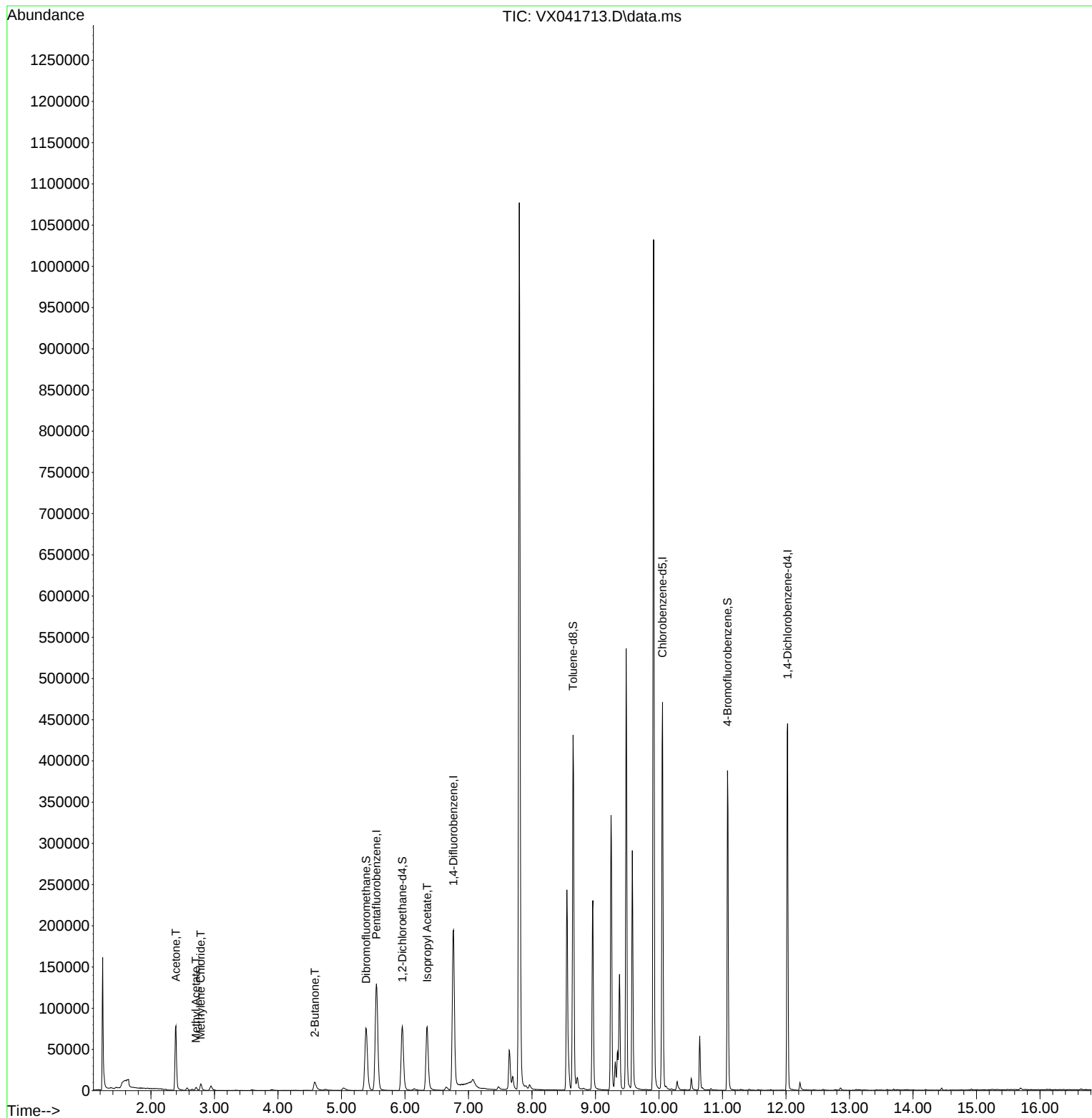
Internal Standards						
1) Pentafluorobenzene	5.550	168	138541	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78196	46.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	65272	45.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.647	98	251830	49.882	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	95172	51.077	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.160%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	87096	115.466	ug/l	97
18) Methyl Acetate	2.709	43	4607	2.840	ug/l	100
20) Methylene Chloride	2.782	84	3923	2.580	ug/l	93
25) 2-Butanone	4.581	43	20086	19.020	ug/l	96
43) Isopropyl Acetate	6.349	43	111043	33.312	ug/l	99

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

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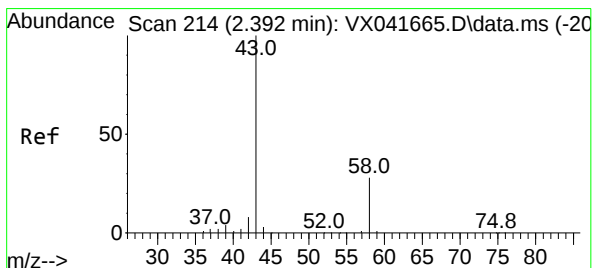
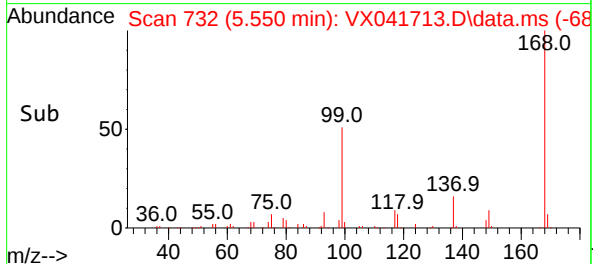
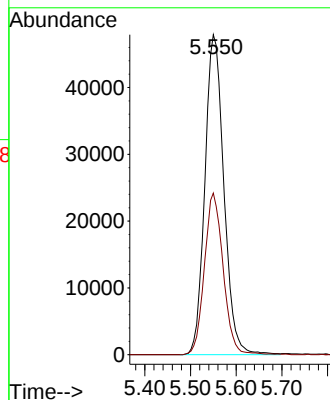
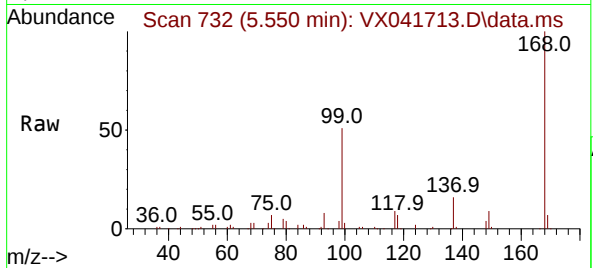




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

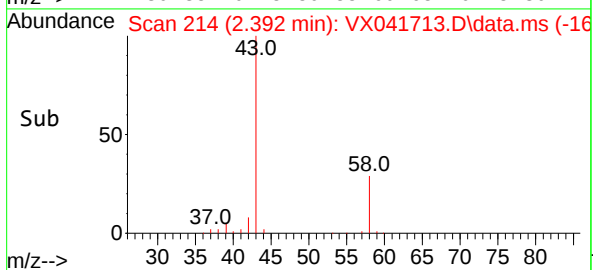
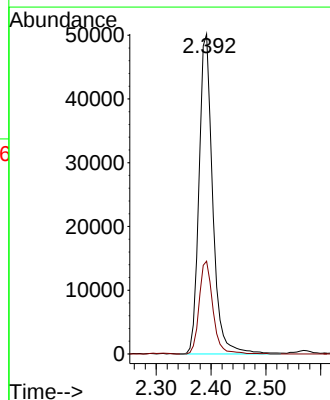
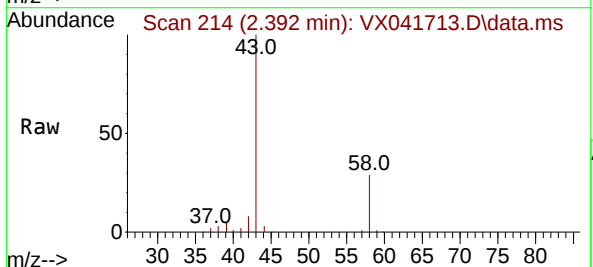
Instrument :
MSVOA_X
ClientSampleId :
72-11998

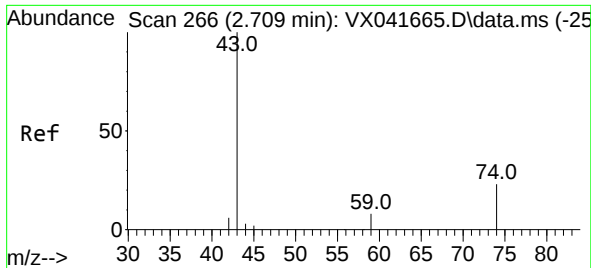
Tgt Ion:168 Resp: 138541
Ion Ratio Lower Upper
168 100
99 50.5 56.6 85.0#



#16
Acetone
Concen: 115.466 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

Tgt Ion: 43 Resp: 87096
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9

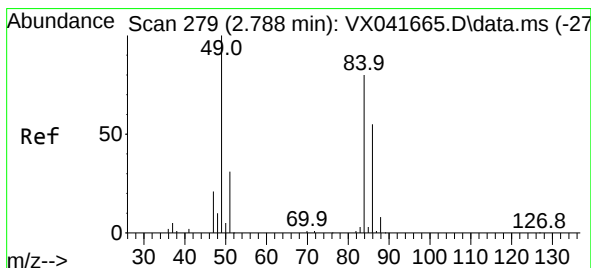
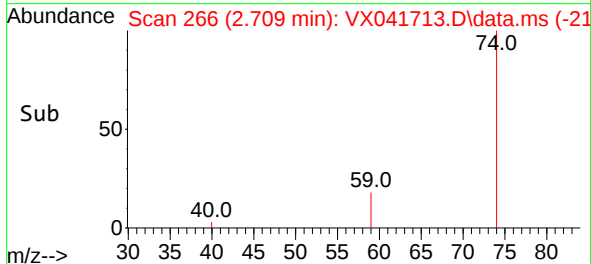
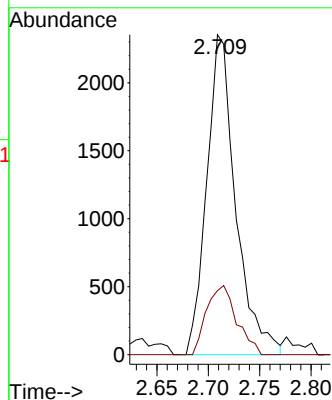
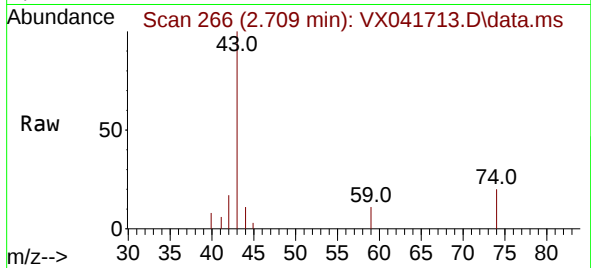




#18
Methyl Acetate
Concen: 2.840 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

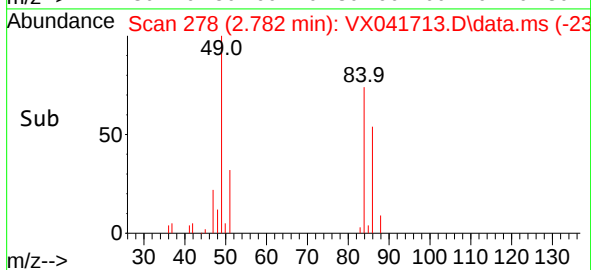
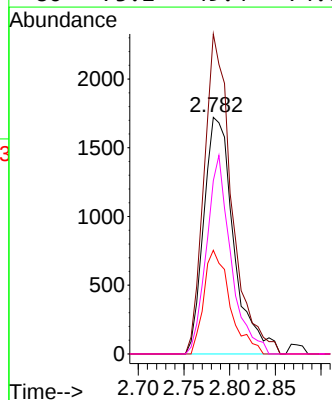
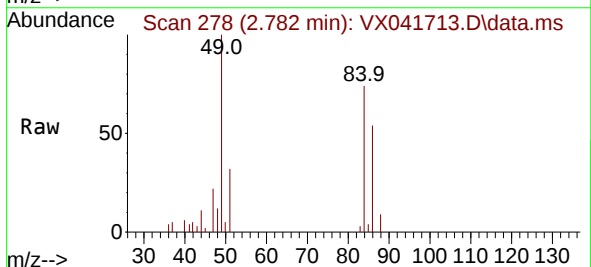
Instrument :
MSVOA_X
ClientSampleId :
72-11998

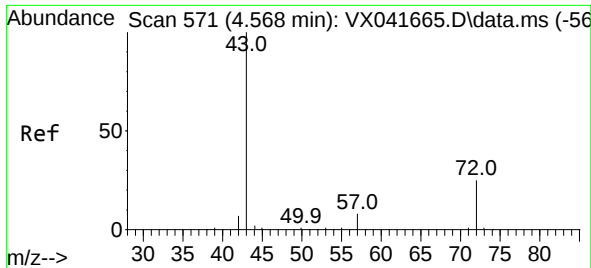
Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 2.580 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

Tgt Ion: 84 Resp: 3923
Ion Ratio Lower Upper
84 100
49 135.2 103.6 155.4
51 43.8 33.8 50.6
86 73.2 49.4 74.0

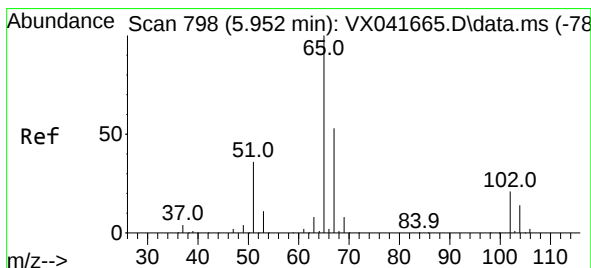
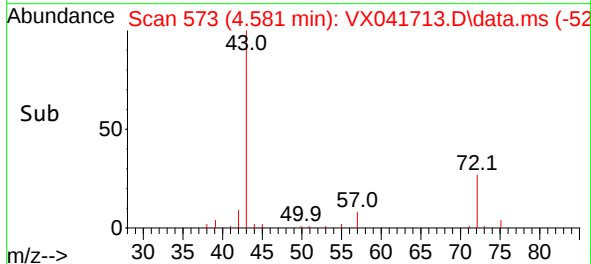
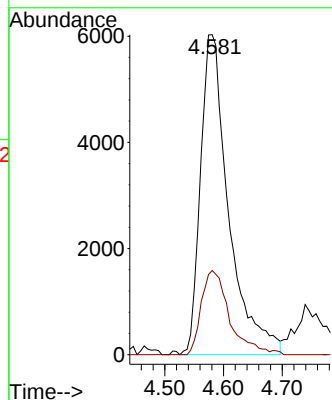
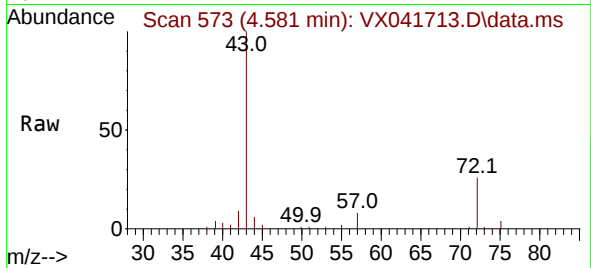




#25
2-Butanone
Concen: 19.020 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

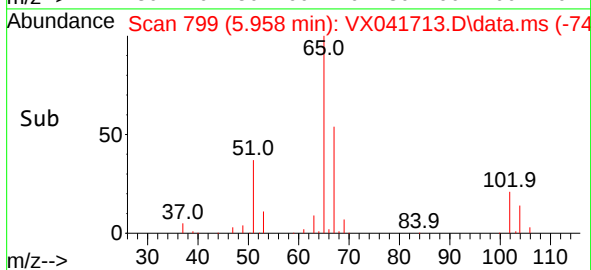
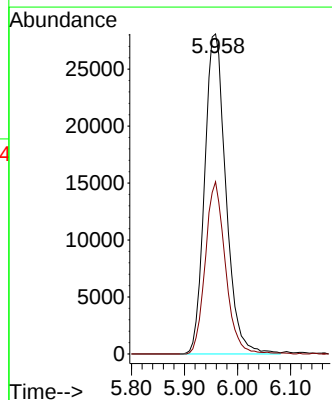
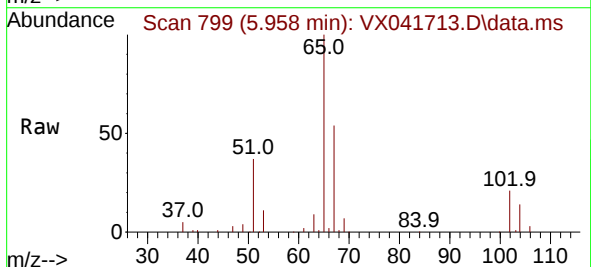
Instrument :
MSVOA_X
ClientSampleId :
72-11998

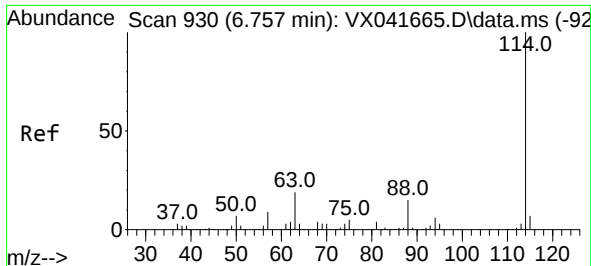
Tgt Ion: 43 Resp: 20086
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.020 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

Tgt Ion: 65 Resp: 78196
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

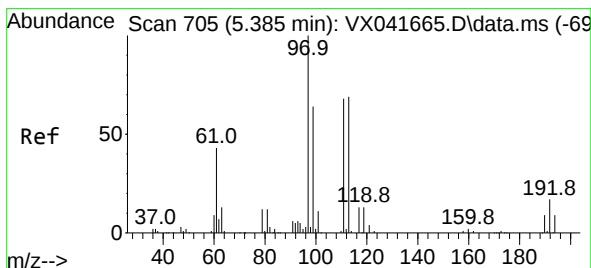
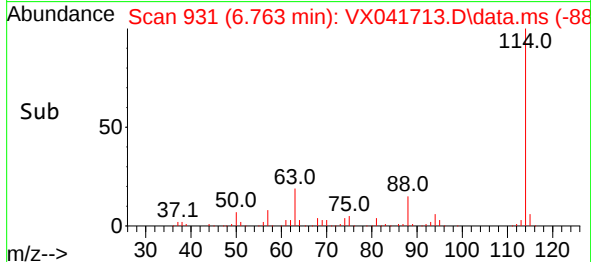
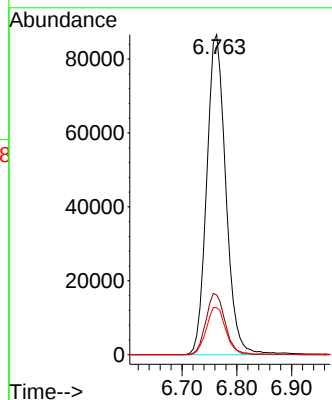
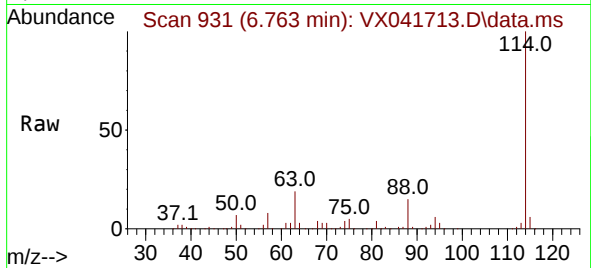




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

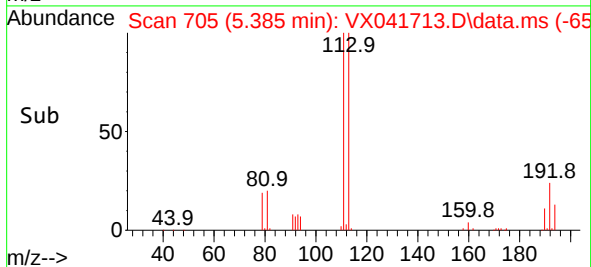
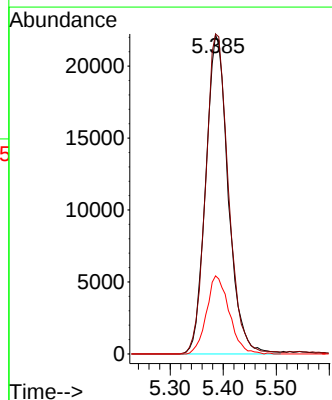
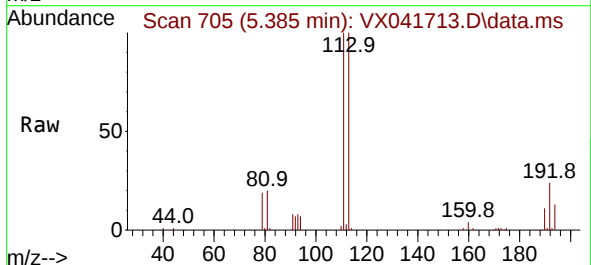
Instrument :
MSVOA_X
ClientSampleId :
72-11998

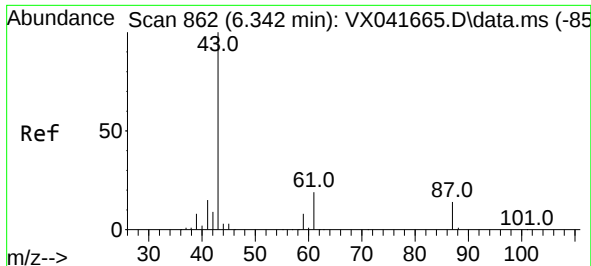
Tgt Ion:114 Resp: 208976
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.176 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

Tgt Ion:113 Resp: 65272
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.6 13.3 19.9#

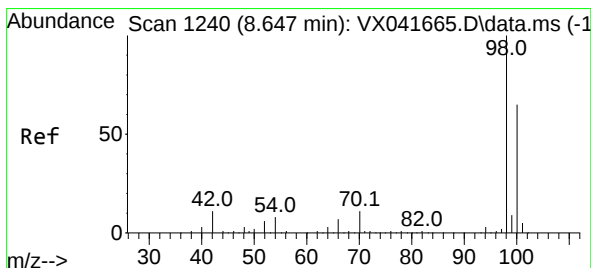
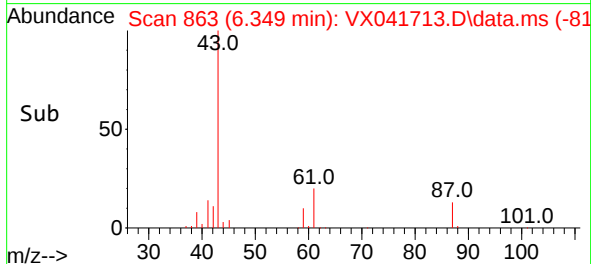
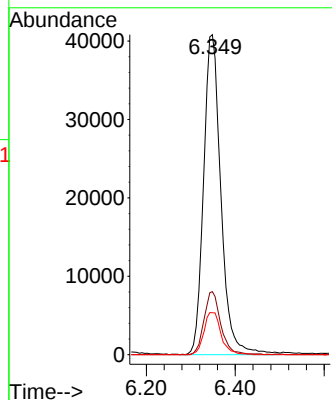
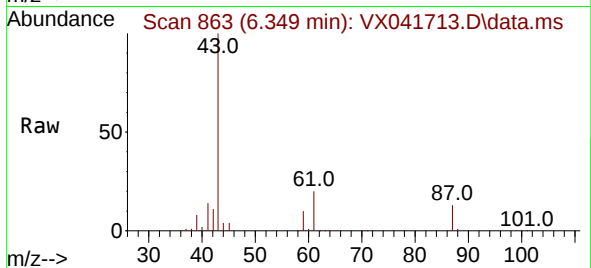




#43
Isopropyl Acetate
Concen: 33.312 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

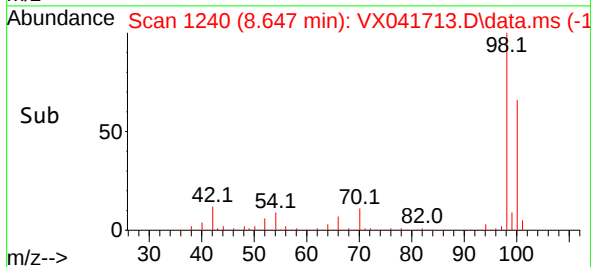
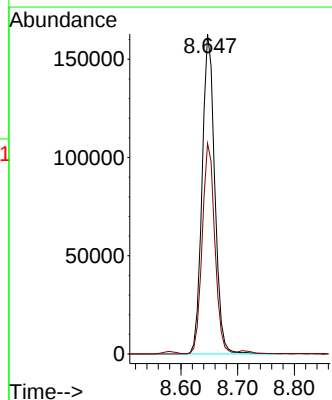
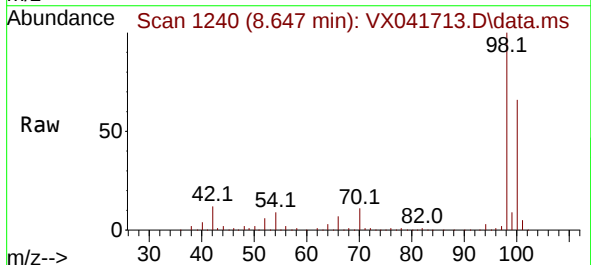
Instrument :
MSVOA_X
ClientSampleId :
72-11998

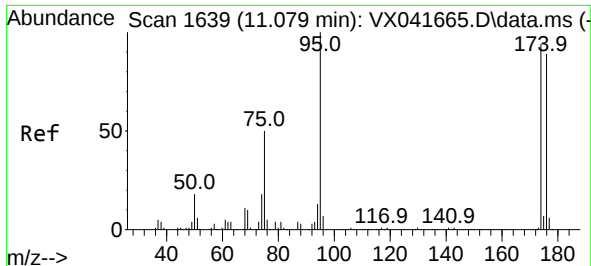
Tgt Ion: 43 Resp: 111043
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 13.1 9.8 14.6



#50
Toluene-d8
Concen: 49.882 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041713.D
Acq: 03 Jun 2024 18:38

Tgt Ion: 98 Resp: 251830
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.077 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041713.D

Acq: 03 Jun 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

72-11998

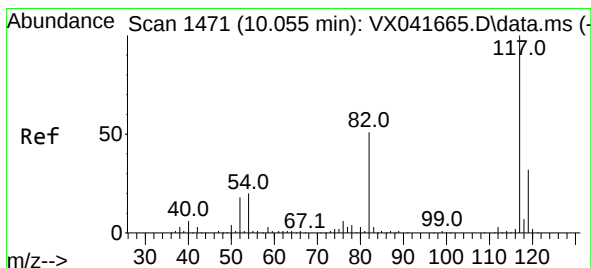
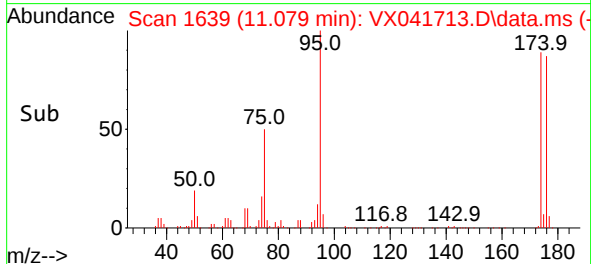
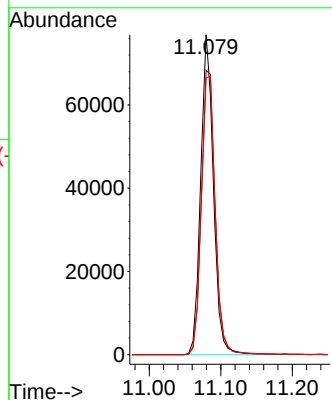
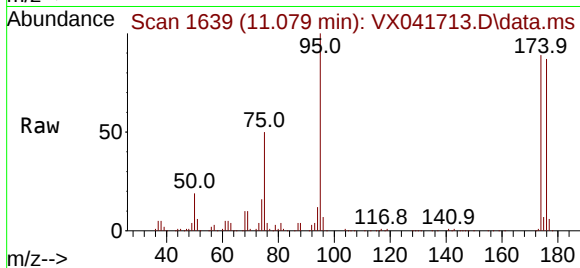
Tgt Ion: 95 Resp: 95172

Ion Ratio Lower Upper

95 100

174 96.4 0.0 135.6

176 94.8 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: VX041713.D

Acq: 03 Jun 2024 18:38

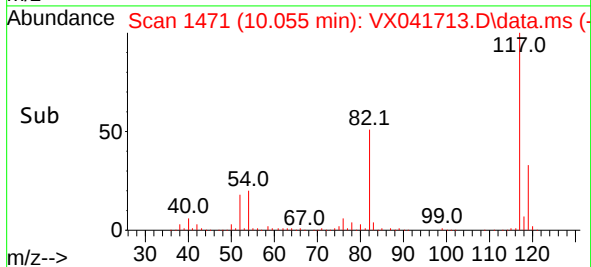
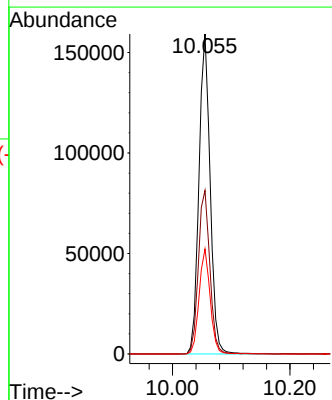
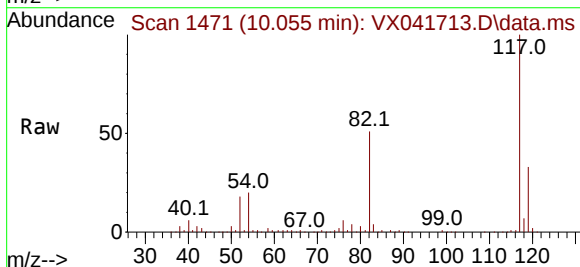
Tgt Ion: 117 Resp: 210435

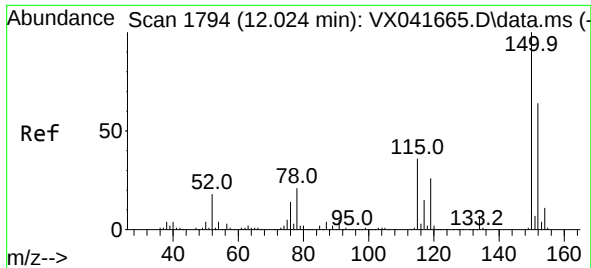
Ion Ratio Lower Upper

117 100

82 51.1 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# 11

Delta R.T. 0.000 min

Lab File: VX041713.D

Acq: 03 Jun 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

72-11998

Tgt Ion:152 Resp: 102157

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 155.3 0.0 345.0

