

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041398.D
 Acq On : 07 May 2024 11:47
 Operator : JC/MD
 Sample : P2354-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 V359

Quant Time: May 08 01:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

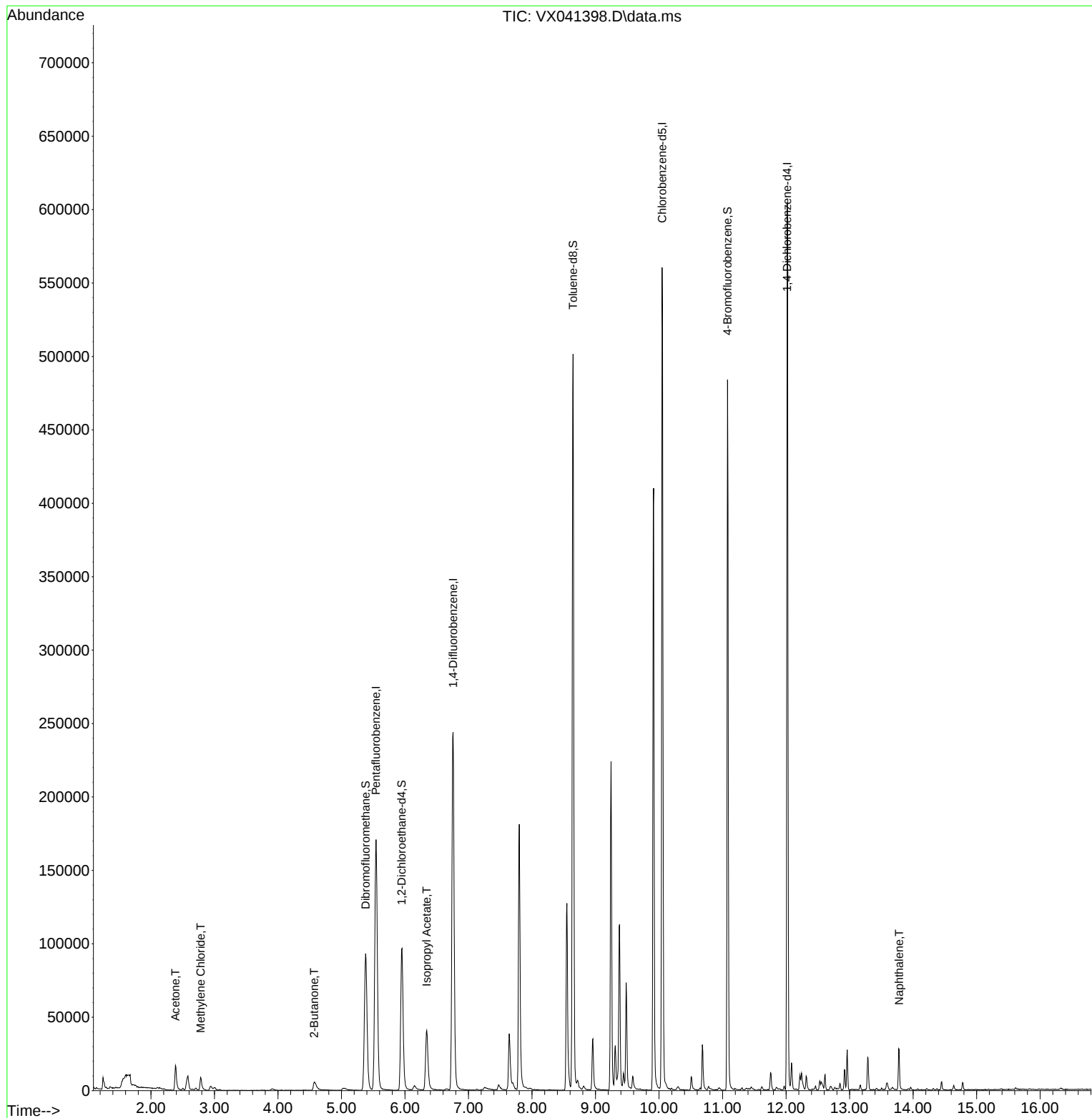
Internal Standards						
1) Pentafluorobenzene	5.544	168	182766	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	270416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	265597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	138443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98006	49.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.520%
35) Dibromofluoromethane	5.379	113	80633	44.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.000%
50) Toluene-d8	8.647	98	306696	52.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.760%
62) 4-Bromofluorobenzene	11.079	95	118693	52.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.720%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	18986	18.040	ug/l	96
20) Methylene Chloride	2.782	84	4847	2.806	ug/l	89
25) 2-Butanone	4.568	43	13612	10.570	ug/l	99
43) Isopropyl Acetate	6.342	43	58834	14.312	ug/l	98
95) Naphthalene	13.780	128	20334	2.144	ug/l	99

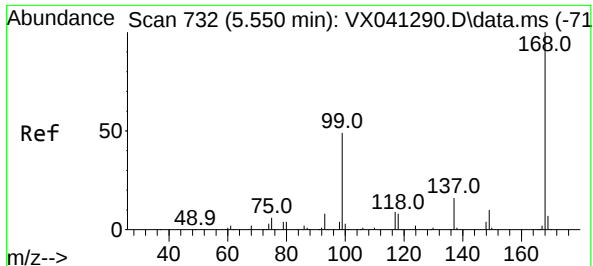
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
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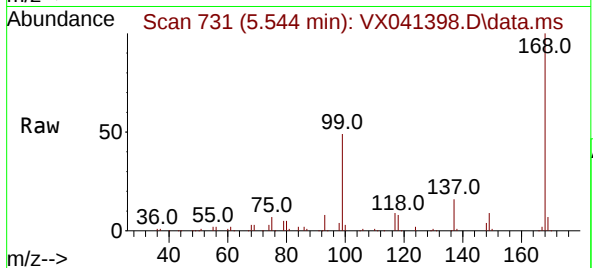
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041398.D
Acq: 07 May 2024 11:47

Instrument :

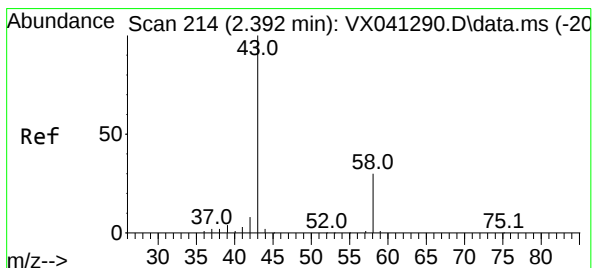
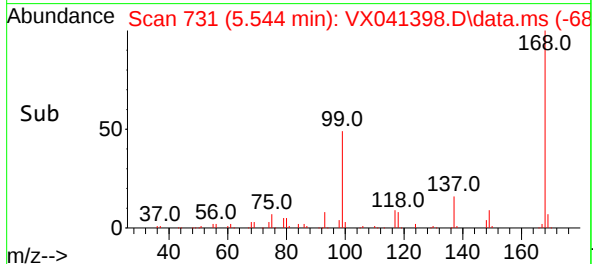
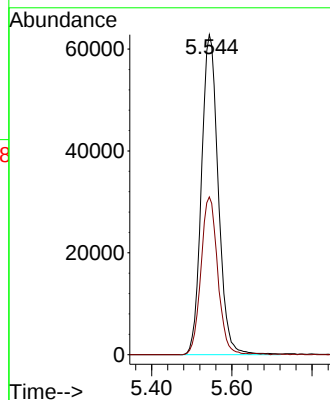
MSVOA_X

ClientSampleId :

V359

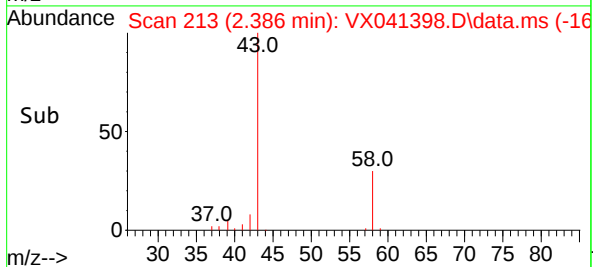
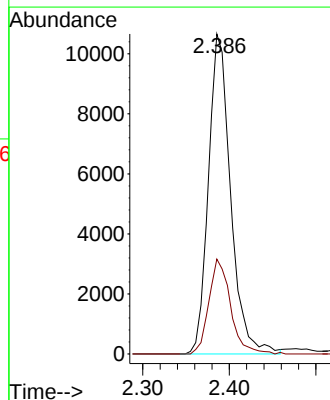
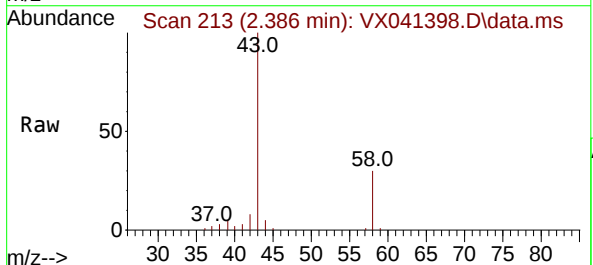


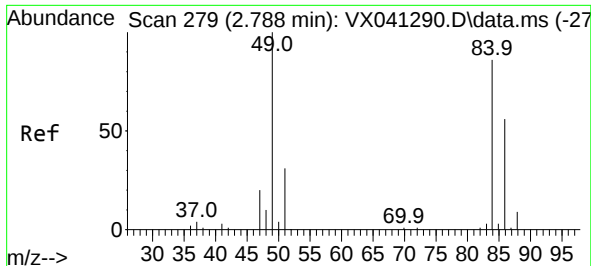
Tgt Ion:168 Resp: 182766
Ion Ratio Lower Upper
168 100
99 49.3 56.6 85.0#



#16
Acetone
Concen: 18.040 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041398.D
Acq: 07 May 2024 11:47

Tgt Ion: 43 Resp: 18986
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9





#20

Methylene Chloride

Concen: 2.806 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041398.D

Acq: 07 May 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

V359

Tgt Ion: 84 Resp: 4847

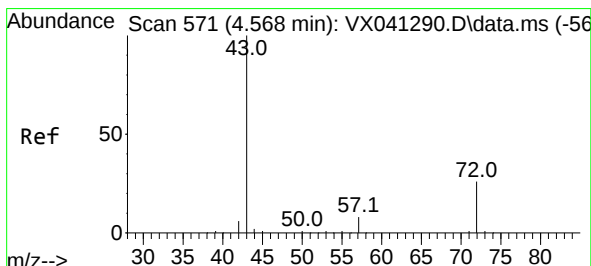
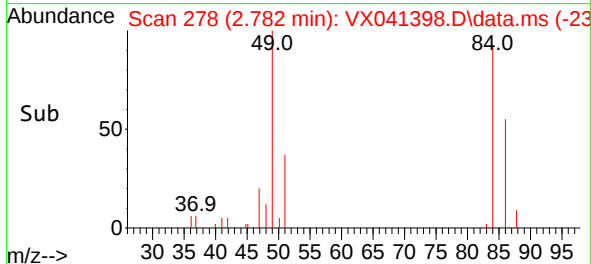
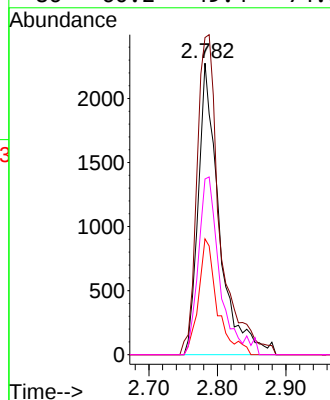
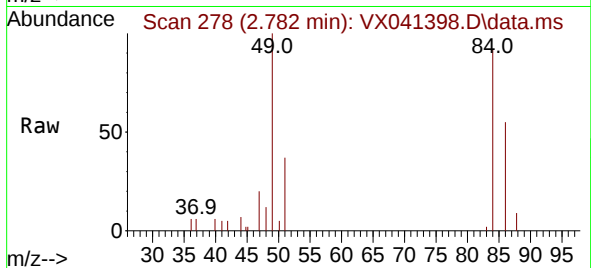
Ion Ratio Lower Upper

84 100

49 108.7 103.6 155.4

51 39.7 33.8 50.6

86 60.2 49.4 74.0



#25

2-Butanone

Concen: 10.570 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX041398.D

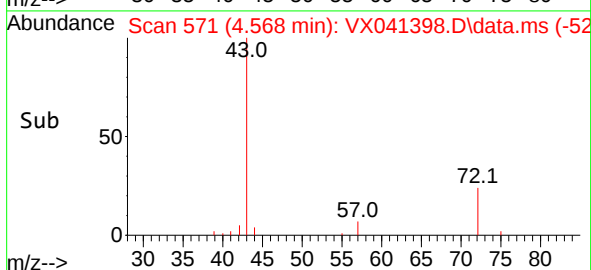
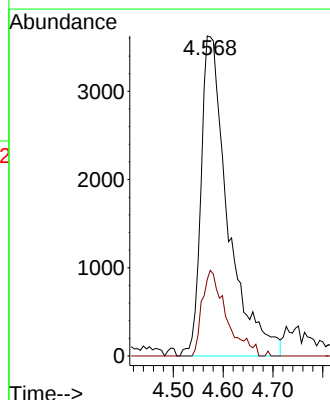
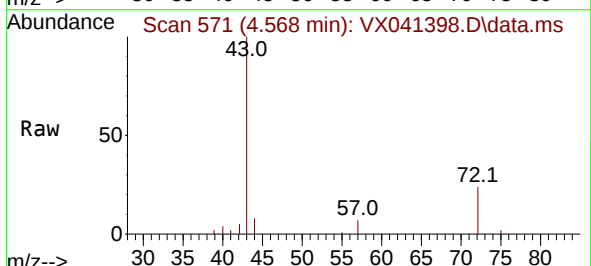
Acq: 07 May 2024 11:47

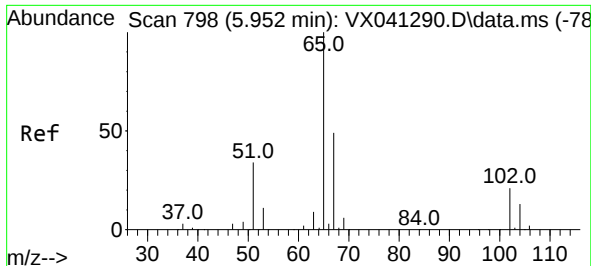
Tgt Ion: 43 Resp: 13612

Ion Ratio Lower Upper

43 100

72 23.9 19.4 29.2

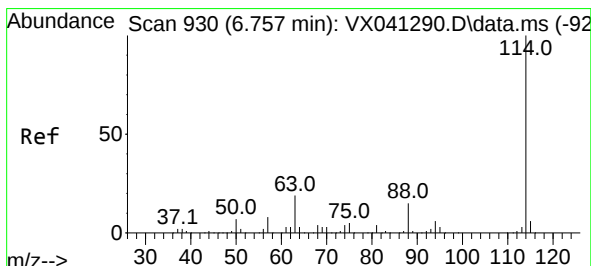
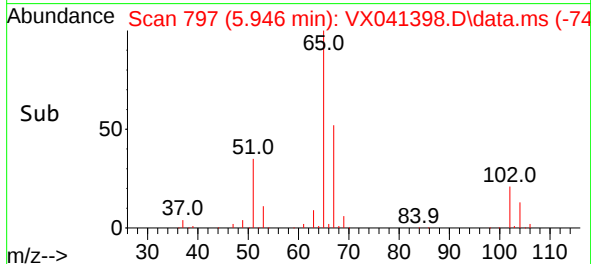
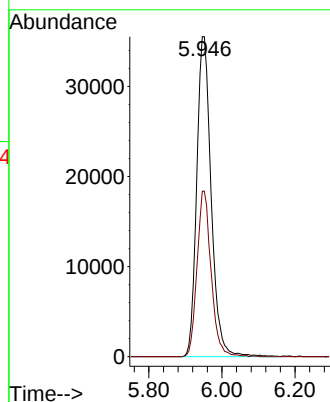
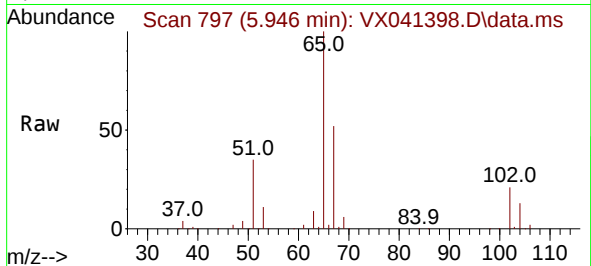




#33
 1,2-Dichloroethane-d4
 Concen: 49.258 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX041398.D
 Acq: 07 May 2024 11:47

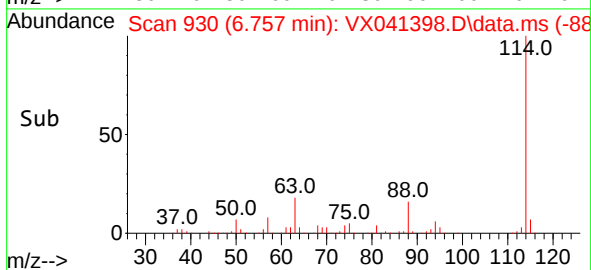
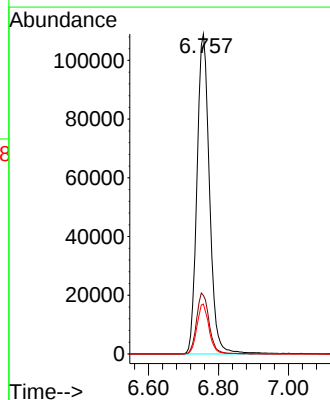
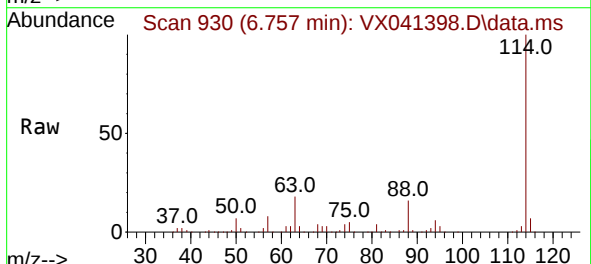
Instrument :
 MSVOA_X
 ClientSampleId :
 V359

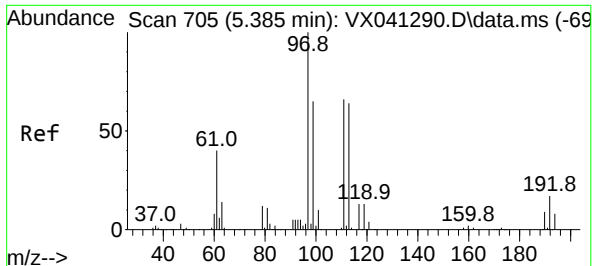
Tgt Ion: 65 Resp: 98006
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX041398.D
 Acq: 07 May 2024 11:47

Tgt Ion: 114 Resp: 270416
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 45.0
 88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.001 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041398.D

Acq: 07 May 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

V359

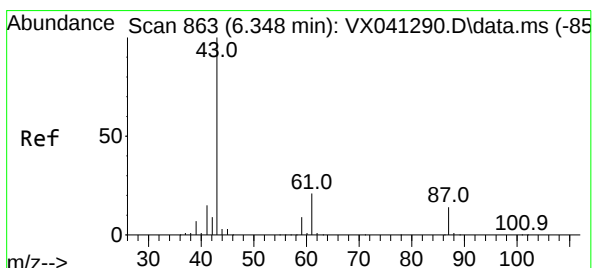
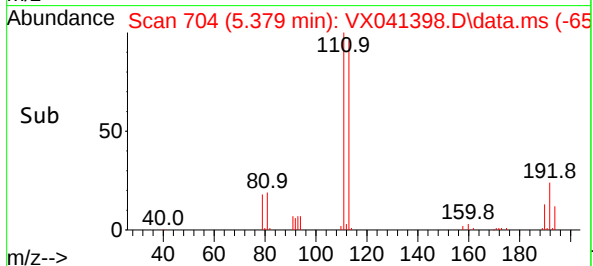
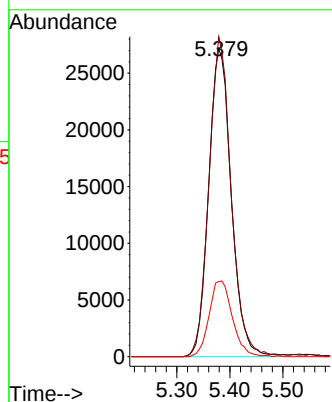
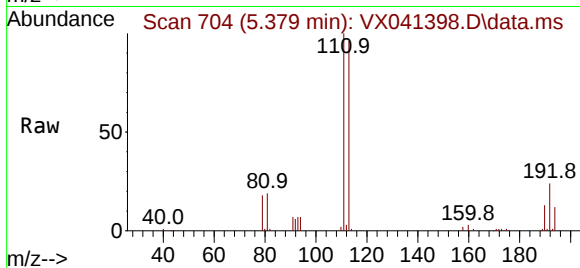
Tgt Ion:113 Resp: 80633

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 25.2 13.3 19.9#



#43

Isopropyl Acetate

Concen: 14.312 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041398.D

Acq: 07 May 2024 11:47

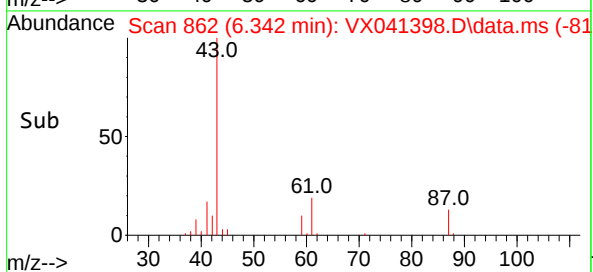
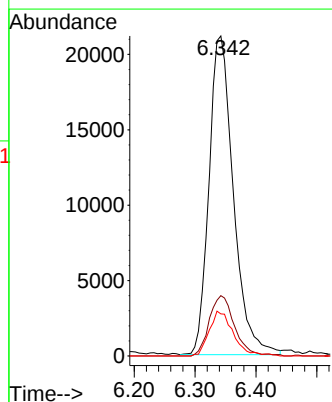
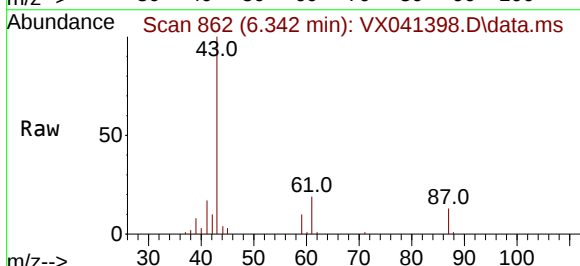
Tgt Ion: 43 Resp: 58834

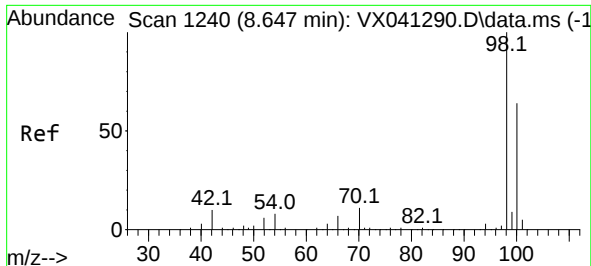
Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

87 13.9 9.8 14.6

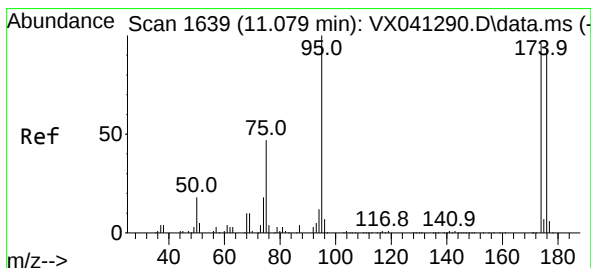
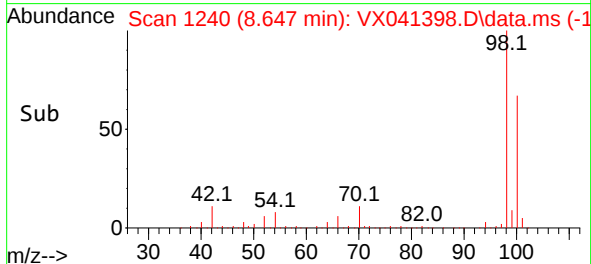
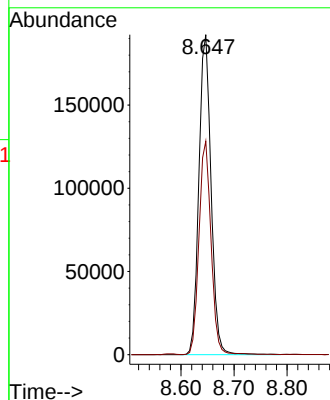
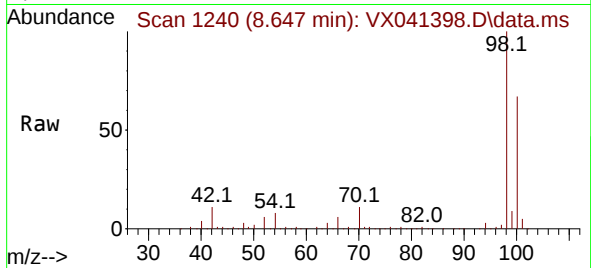




#50
Toluene-d8
Concen: 52.878 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041398.D
Acq: 07 May 2024 11:47

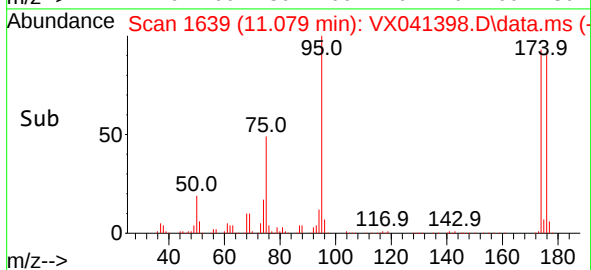
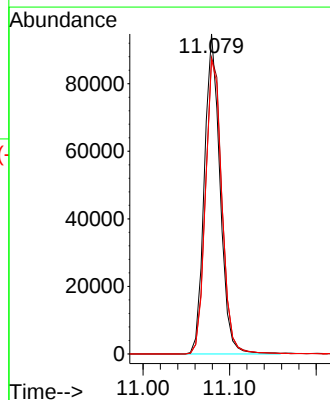
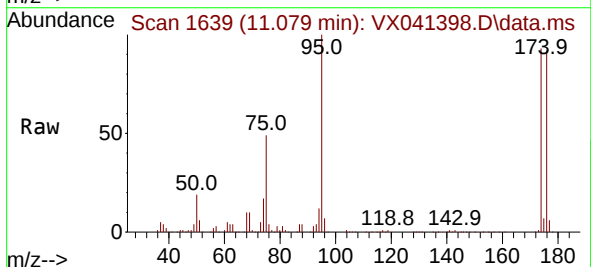
Instrument :
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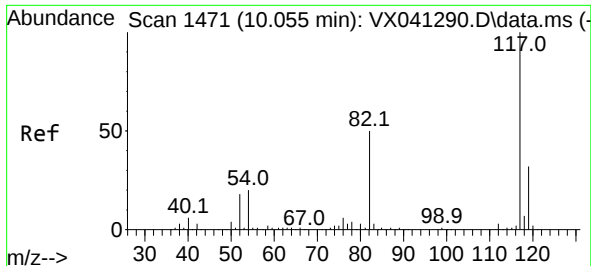
Tgt Ion: 98 Resp: 306696
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041398.D
Acq: 07 May 2024 11:47

Tgt Ion: 95 Resp: 118693
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 96.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX041398.D

Acq: 07 May 2024 11:47

Instrument :

MSVOA_X

ClientSampleId :

V359

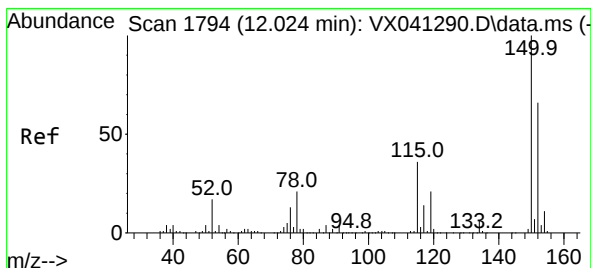
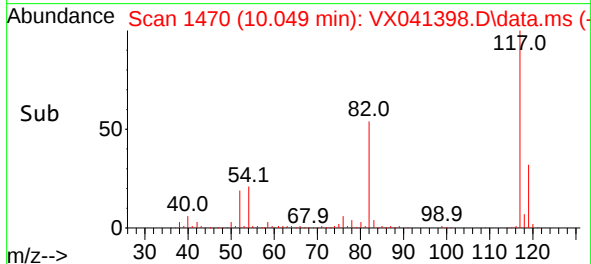
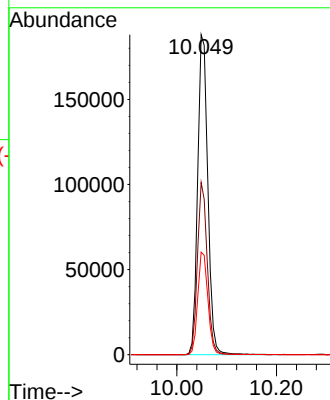
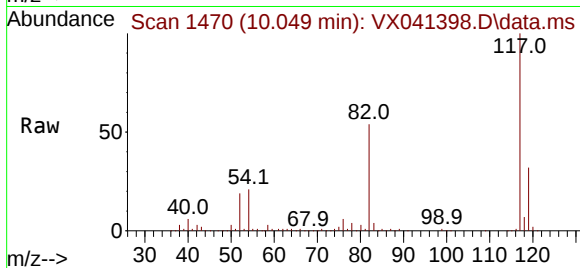
Tgt Ion:117 Resp: 265597

Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041398.D

Acq: 07 May 2024 11:47

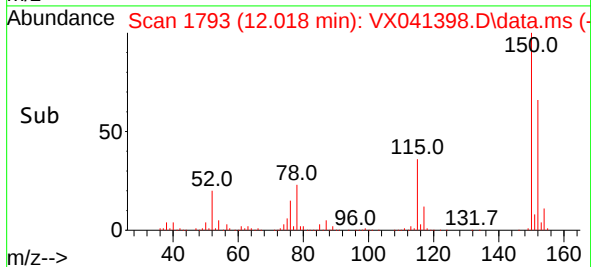
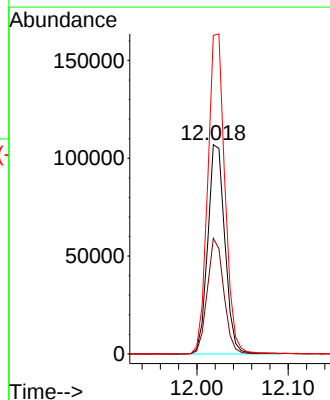
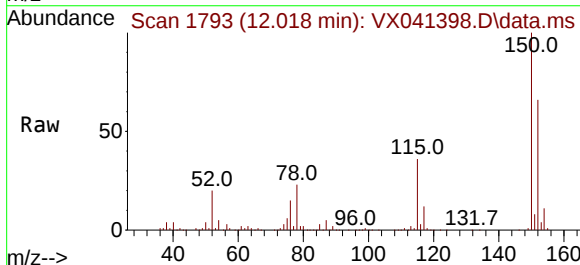
Tgt Ion:152 Resp: 138443

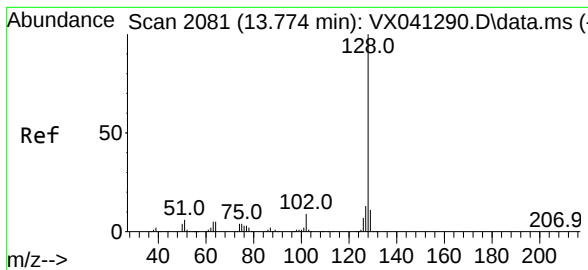
Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 153.8 0.0 345.0





#95
 Naphthalene
 Concen: 2.144 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX041398.D
 Acq: 07 May 2024 11:47

Instrument :
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Tgt Ion:	128	Resp:	20334
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.1	8.8	13.2

