

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036649.D
 Acq On : 25 Jul 2023 13:18
 Operator : JC/MD
 Sample : PB154393ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154393ZHE#02

Quant Time: Jul 26 06:24:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

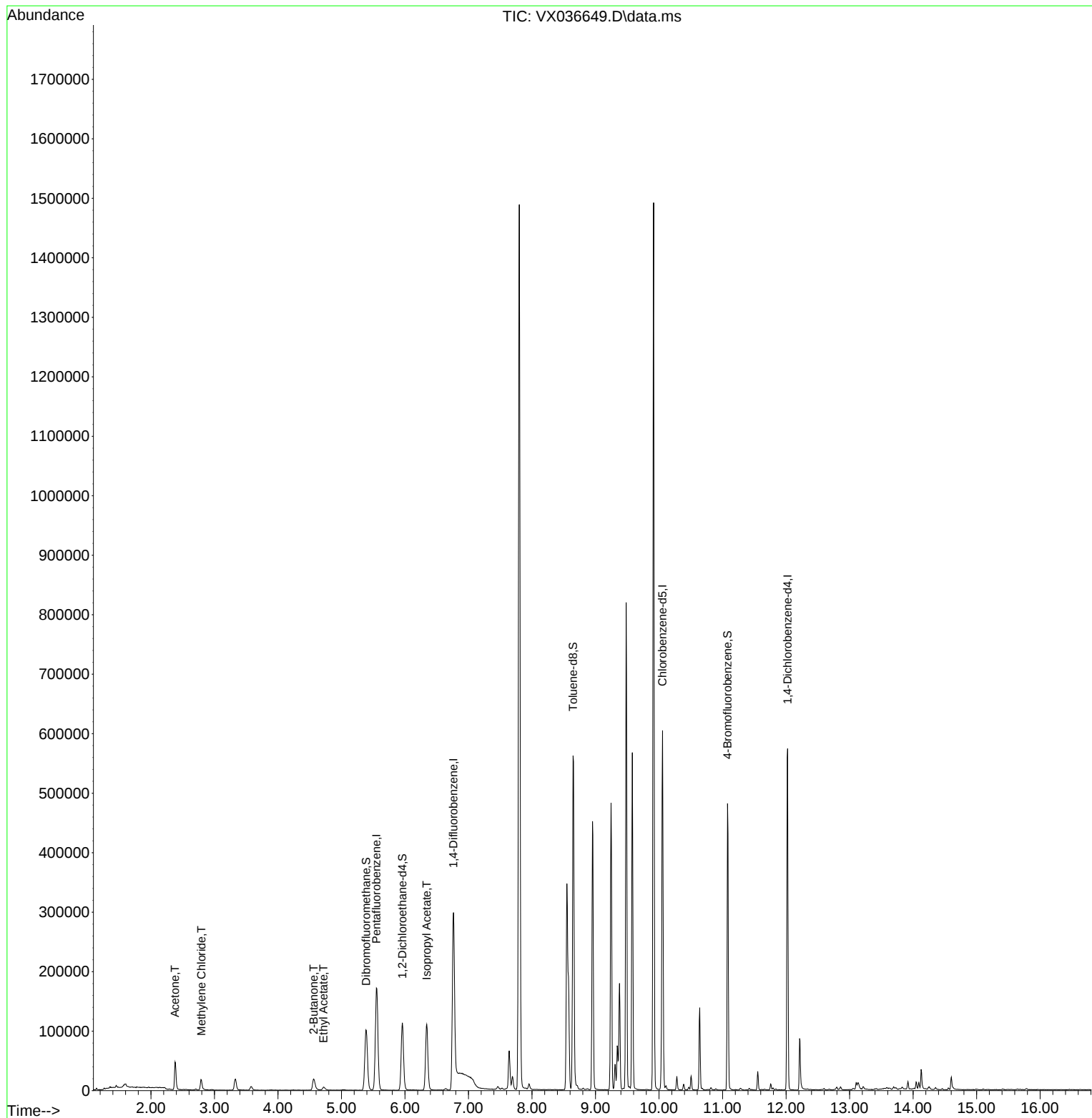
Internal Standards						
1) Pentafluorobenzene	5.550	168	159146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107952	45.843	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.680%
35) Dibromofluoromethane	5.385	113	91078	46.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.647	98	339413	48.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	128068	48.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.880%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	52484	53.711	ug/l	92
20) Methylene Chloride	2.794	84	9087	4.181	ug/l	89
25) 2-Butanone	4.562	43	35270	22.247	ug/l	99
37) Ethyl Acetate	4.715	43	9887	2.997	ug/l	96
43) Isopropyl Acetate	6.342	43	156847	27.617	ug/l	97

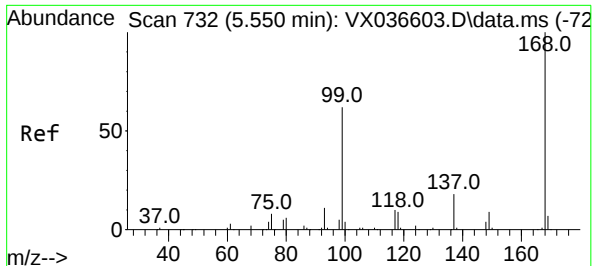
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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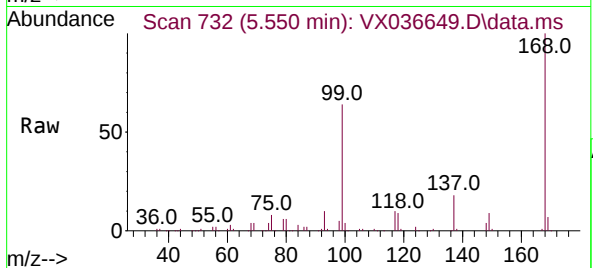
Quant Time: Jul 26 06:24:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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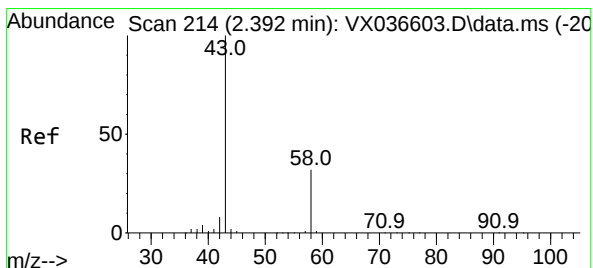
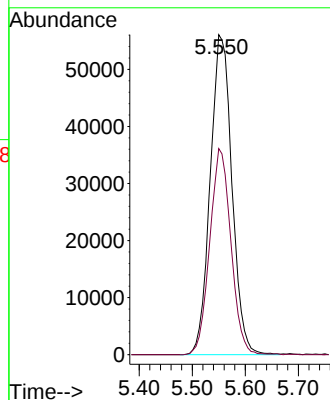
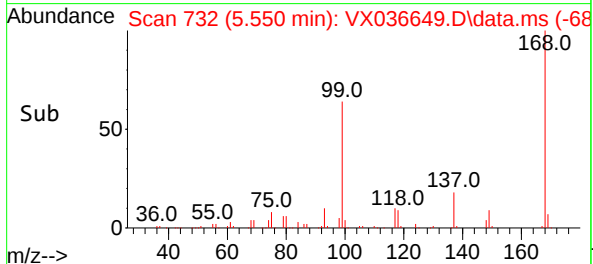


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036649.D
Acq: 25 Jul 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#02

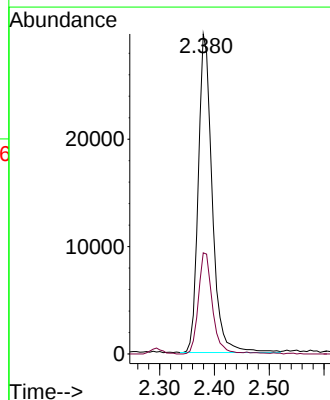
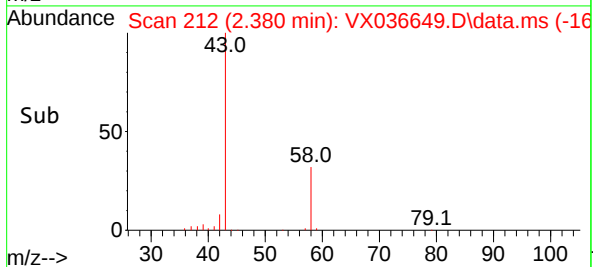
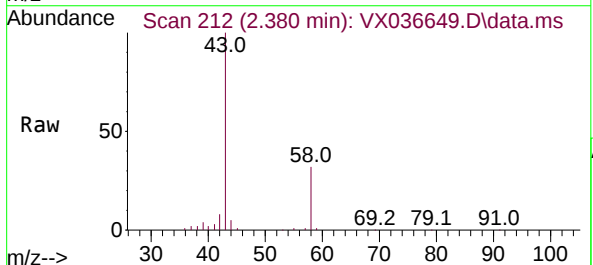


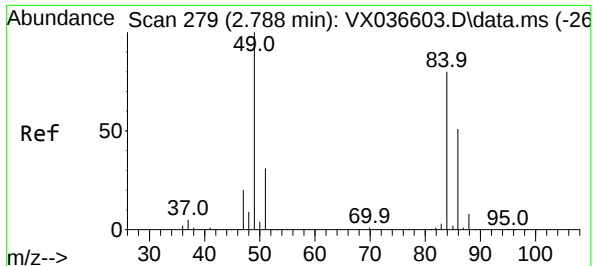
Tgt Ion:168 Resp: 159146
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#16
Acetone
Concen: 53.711 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036649.D
Acq: 25 Jul 2023 13:18

Tgt Ion: 43 Resp: 52484
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#20

Methylene Chloride

Concen: 4.181 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036649.D

Acq: 25 Jul 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

PB154393ZHE#02

Tgt Ion: 84 Resp: 9087

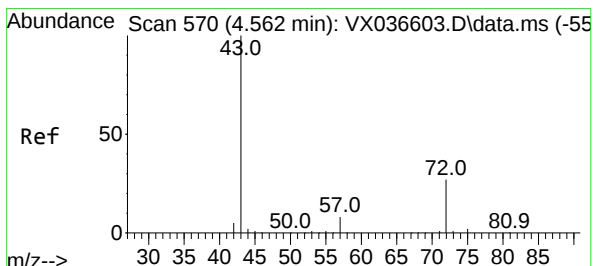
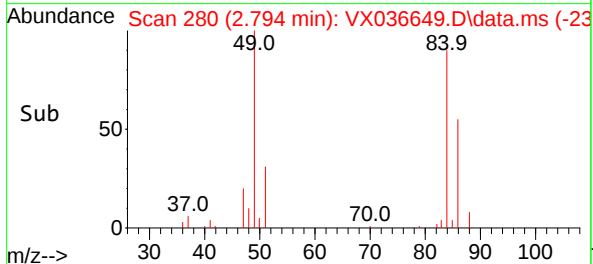
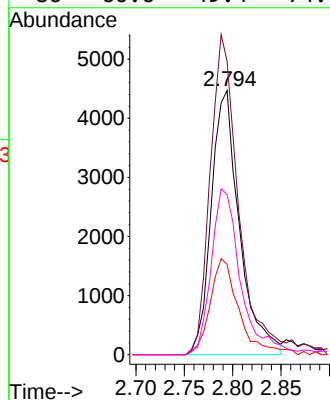
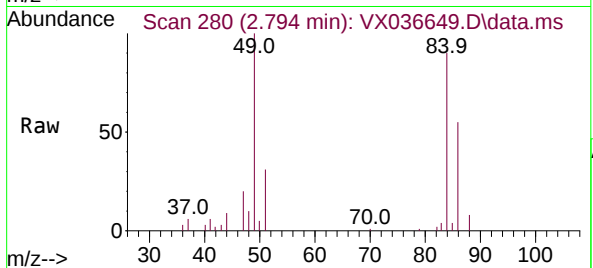
Ion Ratio Lower Upper

84 100

49 111.1 103.6 155.4

51 34.2 33.8 50.6

86 60.6 49.4 74.0



#25

2-Butanone

Concen: 22.247 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036649.D

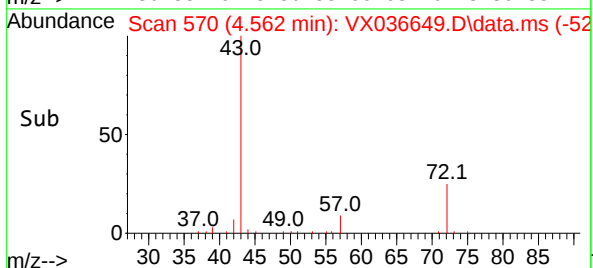
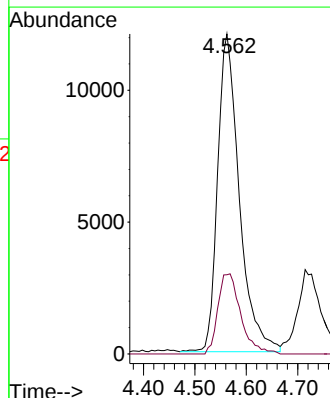
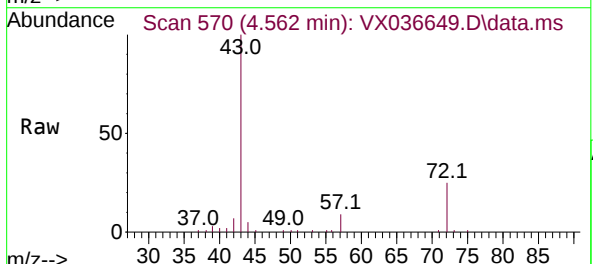
Acq: 25 Jul 2023 13:18

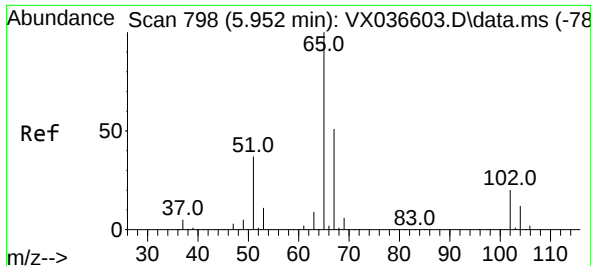
Tgt Ion: 43 Resp: 35270

Ion Ratio Lower Upper

43 100

72 25.0 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 45.843 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036649.D

Acq: 25 Jul 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

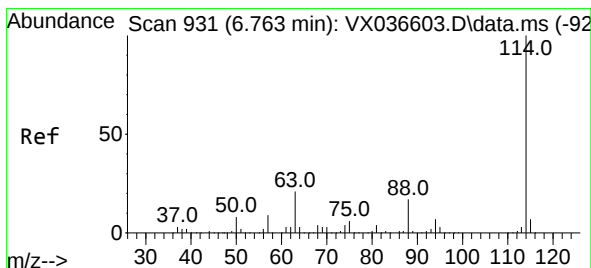
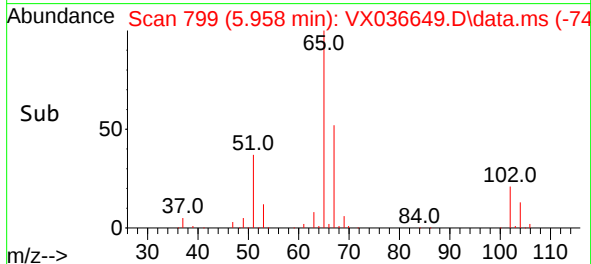
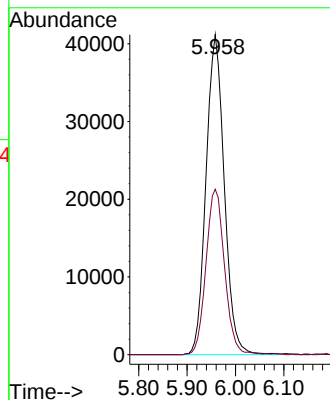
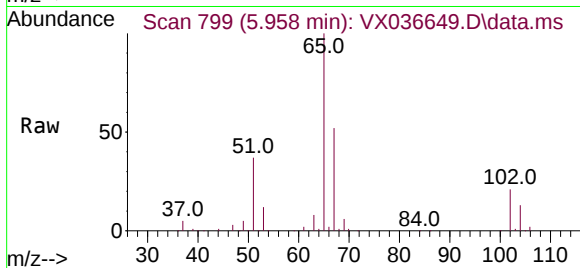
PB154393ZHE#02

Tgt Ion: 65 Resp: 107952

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# 931

Delta R.T. 0.000 min

Lab File: VX036649.D

Acq: 25 Jul 2023 13:18

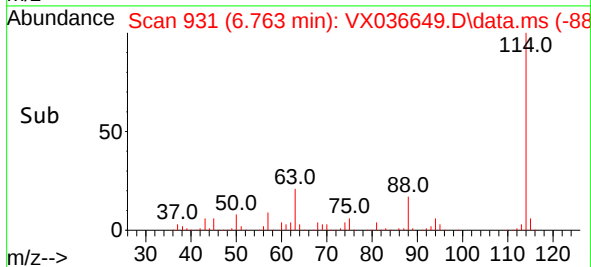
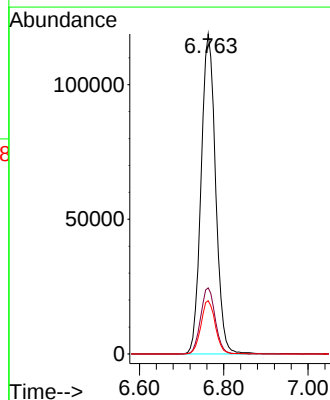
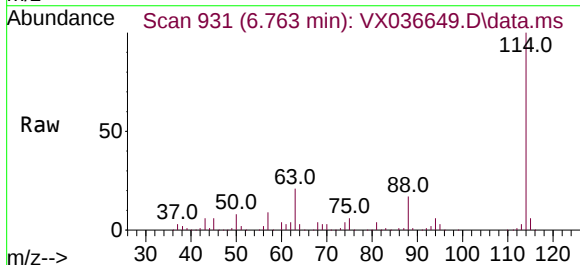
Tgt Ion: 114 Resp: 284536

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.7 0.0 36.6

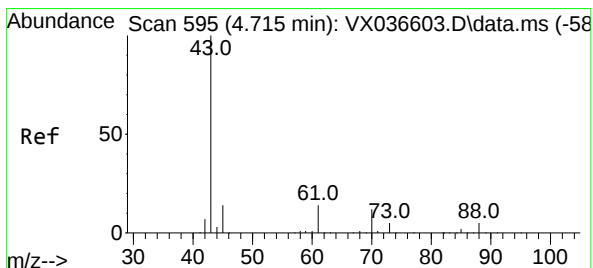
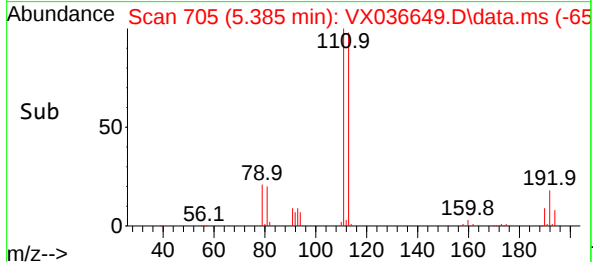
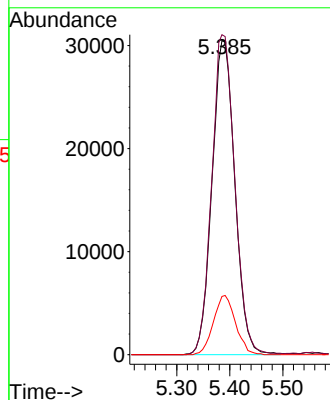
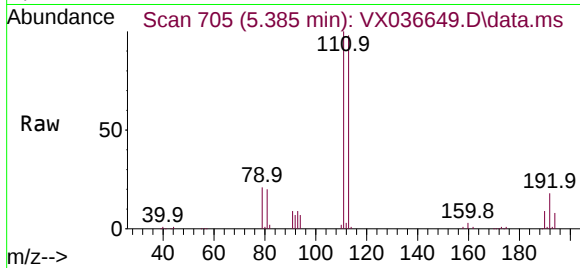




#35
Dibromofluoromethane
Concen: 46.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036649.D
Acq: 25 Jul 2023 13:18

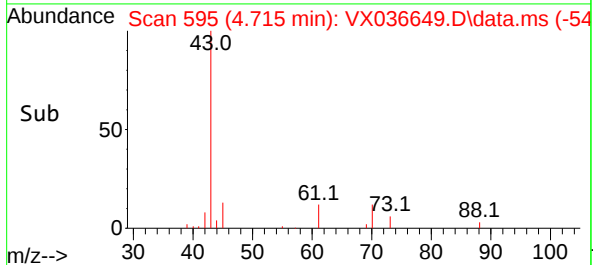
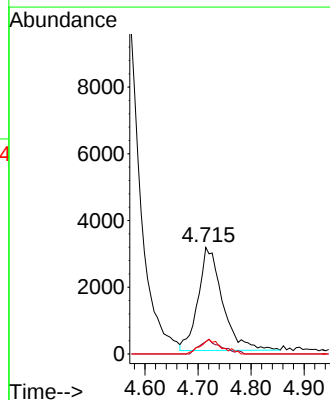
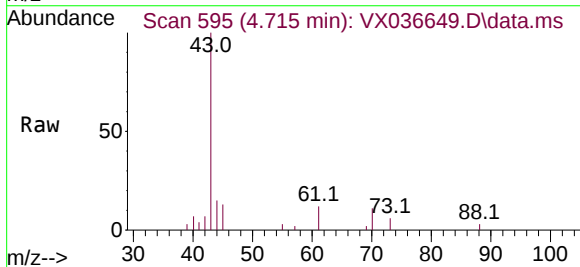
Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#02

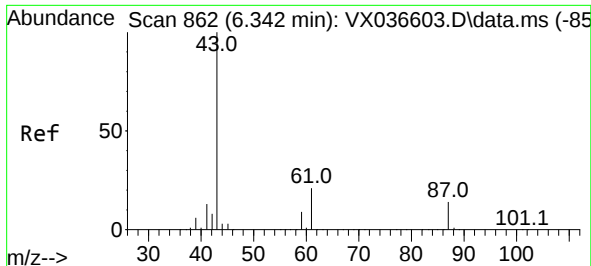
Tgt Ion:113 Resp: 91078
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.2 13.3 19.9



#37
Ethyl Acetate
Concen: 2.997 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036649.D
Acq: 25 Jul 2023 13:18

Tgt Ion: 43 Resp: 9887
Ion Ratio Lower Upper
43 100
61 12.3 10.6 16.0
70 12.3 8.3 12.5

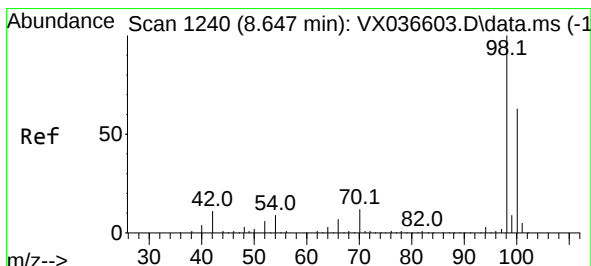
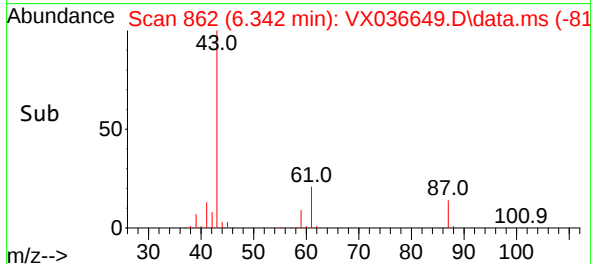
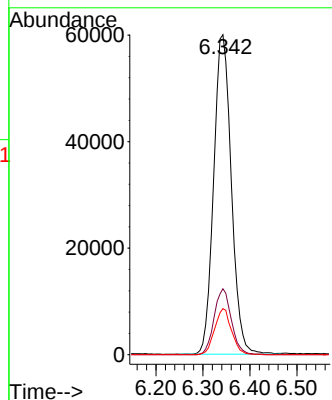
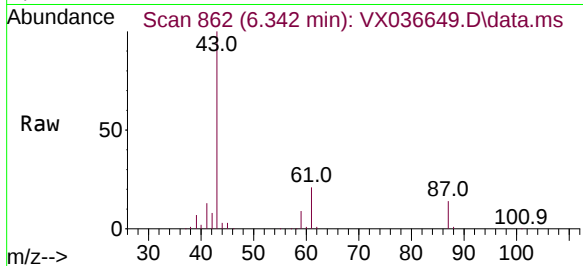




#43
Isopropyl Acetate
Concen: 27.617 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036649.D
Acq: 25 Jul 2023 13:18

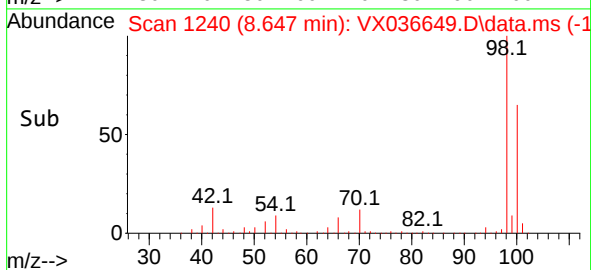
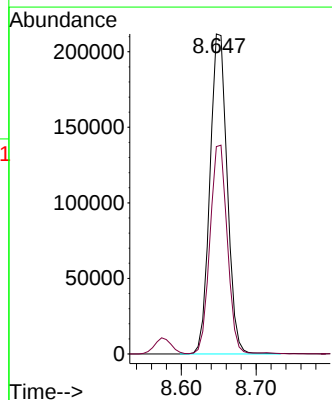
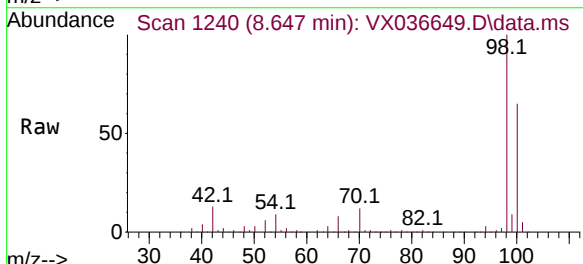
Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#02

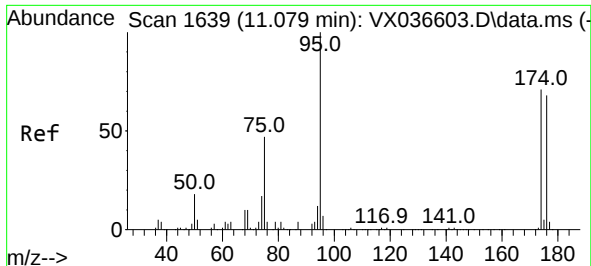
Tgt Ion: 43 Resp: 156847
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.8 9.8 14.6



#50
Toluene-d8
Concen: 48.939 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036649.D
Acq: 25 Jul 2023 13:18

Tgt Ion: 98 Resp: 339413
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.944 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036649.D

Acq: 25 Jul 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

PB154393ZHE#02

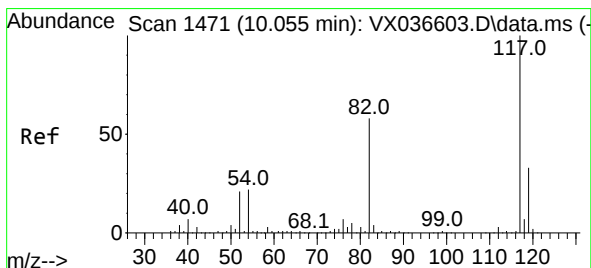
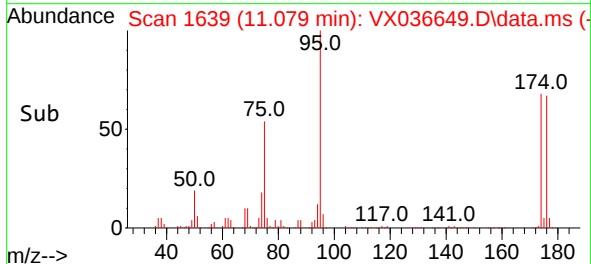
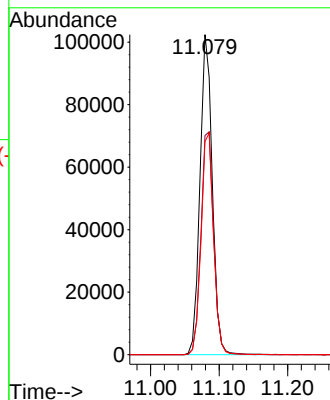
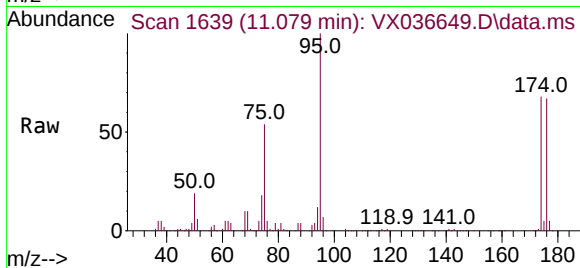
Tgt Ion: 95 Resp: 128068

Ion Ratio Lower Upper

95 100

174 72.1 0.0 135.6

176 70.1 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: VX036649.D

Acq: 25 Jul 2023 13:18

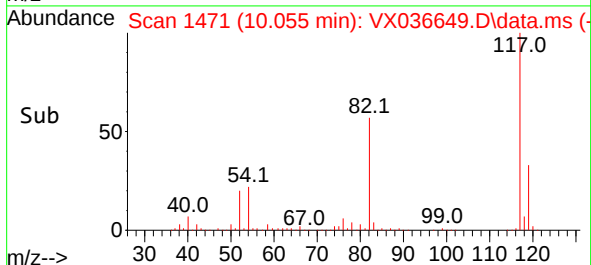
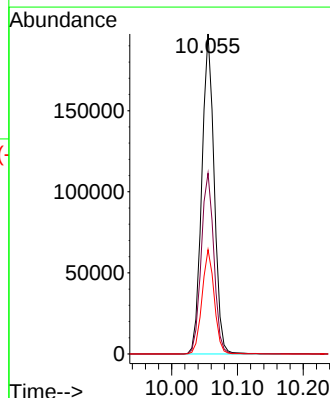
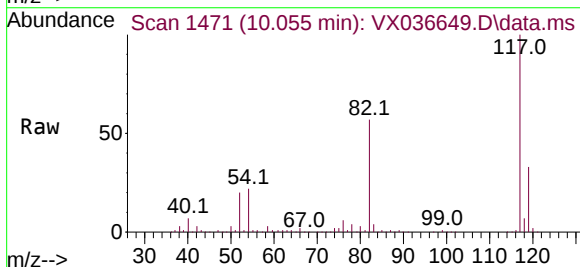
Tgt Ion: 117 Resp: 257952

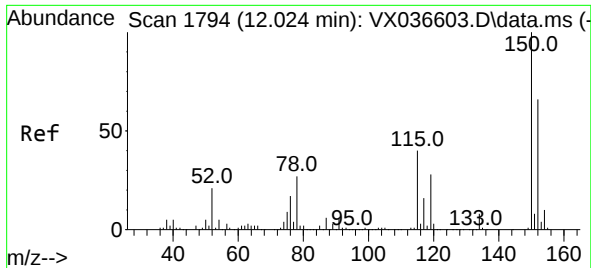
Ion Ratio Lower Upper

117 100

82 56.5 46.2 69.4

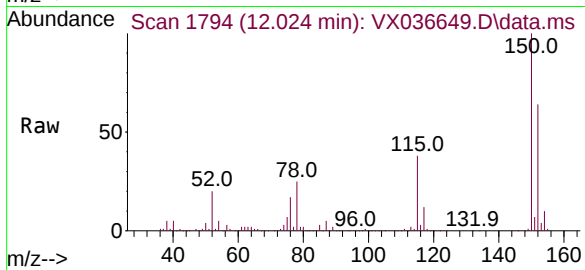
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036649.D
 Acq: 25 Jul 2023 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154393ZHE#02



Tgt Ion:152 Resp: 115976
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 158.9 0.0 345.0

