

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036651.D
 Acq On : 25 Jul 2023 14:06
 Operator : JC/MD
 Sample : PB154393ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154393ZHE#04

Quant Time: Jul 26 06:25:18 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)

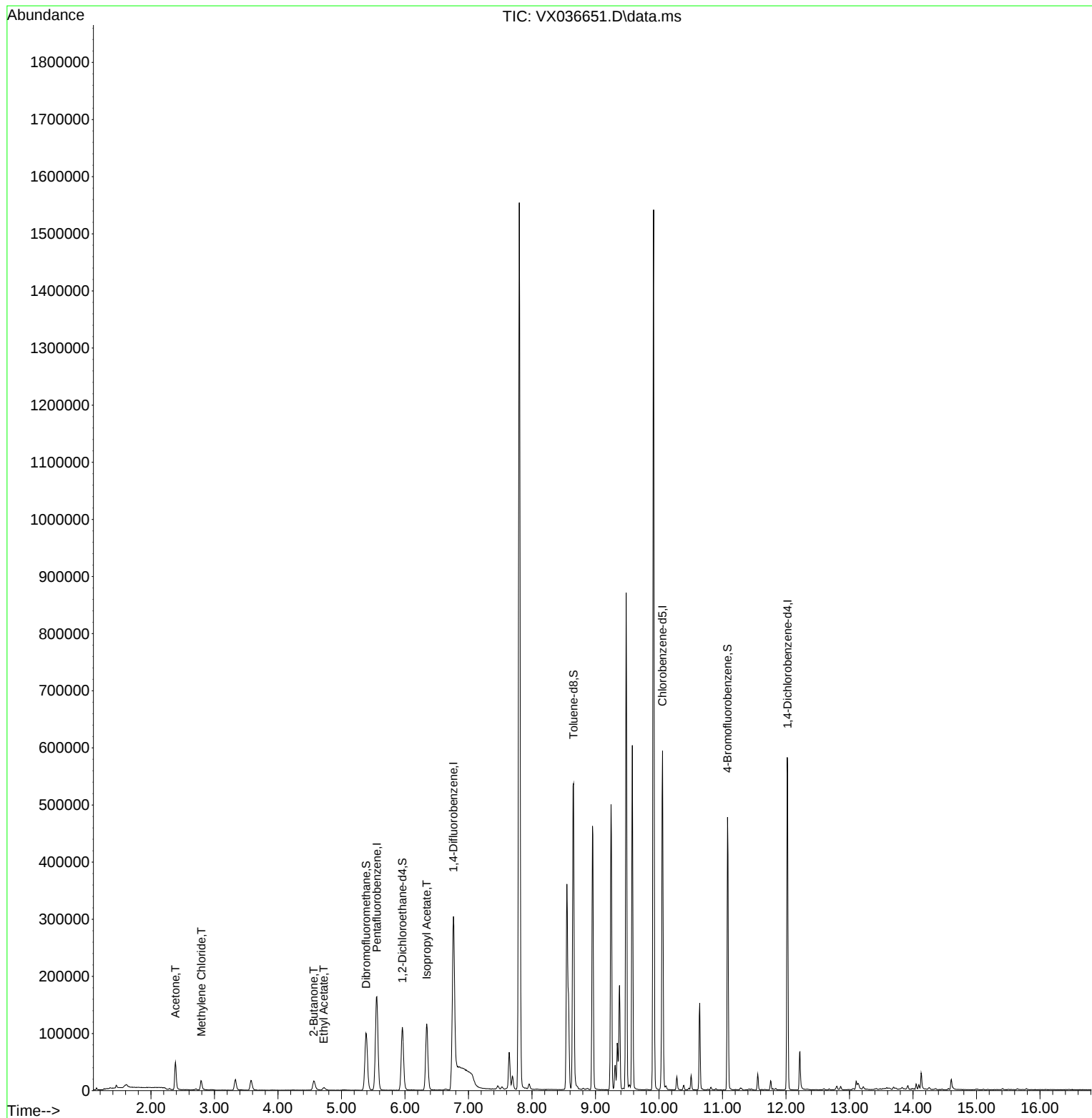
Internal Standards						
1) Pentafluorobenzene	5.556	168	152674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104644	46.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.640%		
35) Dibromofluoromethane	5.385	113	87120	46.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.100%		
50) Toluene-d8	8.653	98	325406	49.032	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	126304	50.444	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.880%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	55723	59.443	ug/l	95
20) Methylene Chloride	2.794	84	8487	4.071	ug/l	94
25) 2-Butanone	4.562	43	28991	19.062	ug/l	96
37) Ethyl Acetate	4.721	43	8293	2.627	ug/l	95
43) Isopropyl Acetate	6.342	43	160370	29.509	ug/l	96

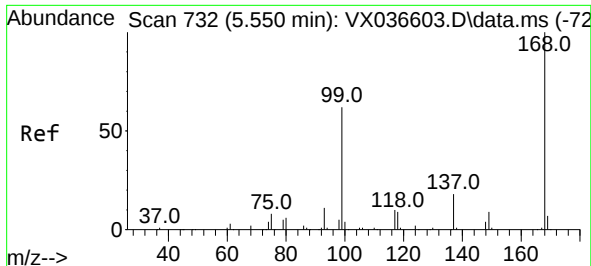
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

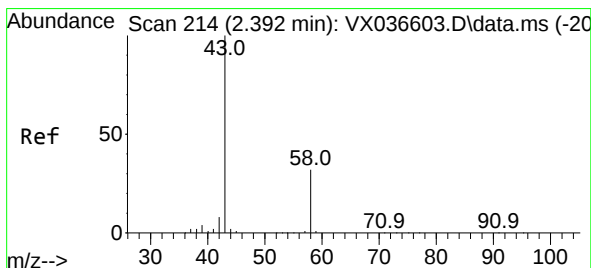
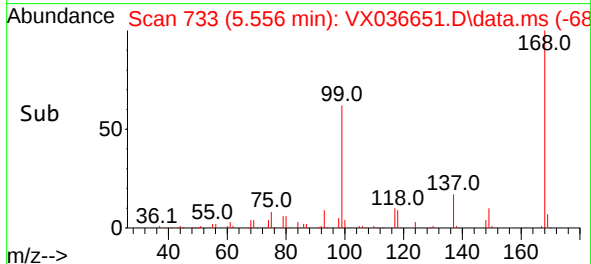
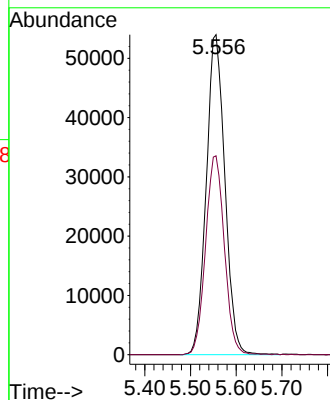
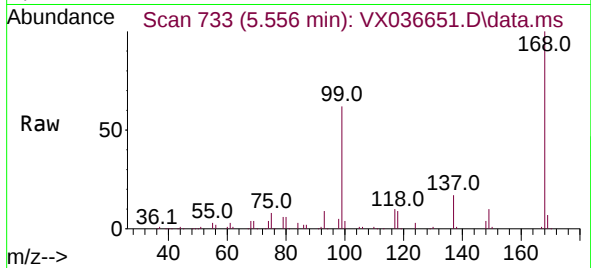




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036651.D
Acq: 25 Jul 2023 14:06

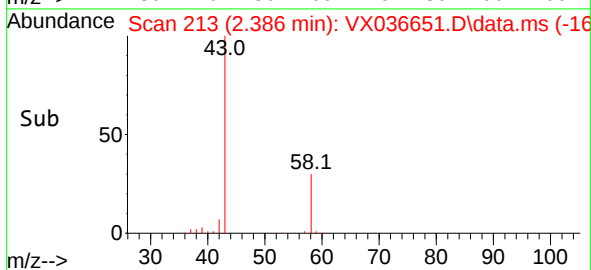
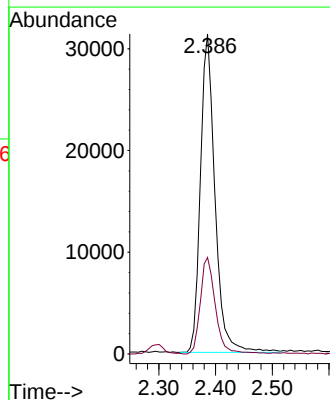
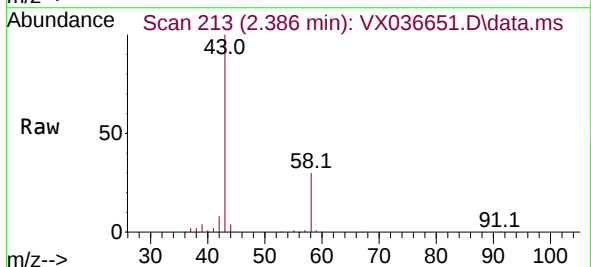
Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#04

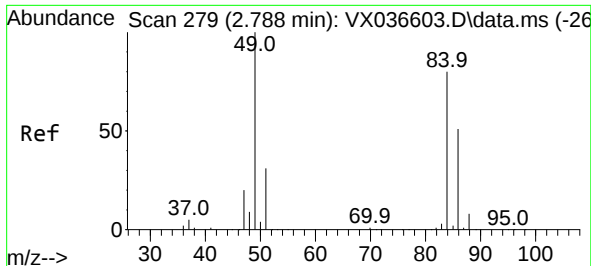
Tgt Ion:168 Resp: 152674
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 59.443 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036651.D
Acq: 25 Jul 2023 14:06

Tgt Ion: 43 Resp: 55723
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#20

Methylene Chloride

Concen: 4.071 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036651.D

Acq: 25 Jul 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

PB154393ZHE#04

Tgt Ion: 84 Resp: 8487

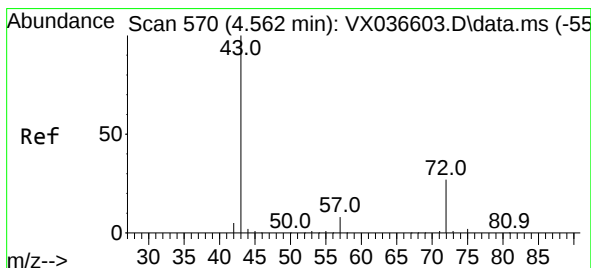
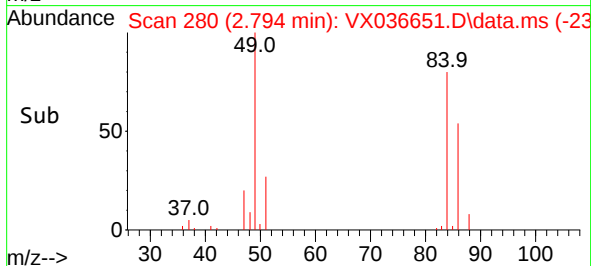
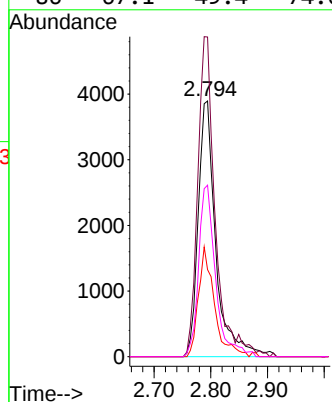
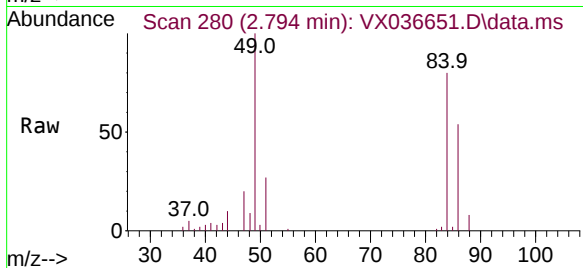
Ion Ratio Lower Upper

84 100

49 125.0 103.6 155.4

51 34.1 33.8 50.6

86 67.1 49.4 74.0



#25

2-Butanone

Concen: 19.062 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036651.D

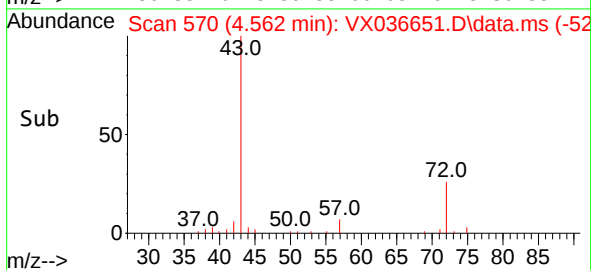
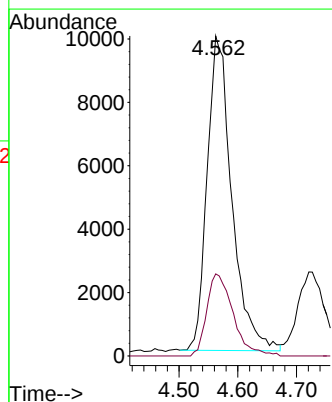
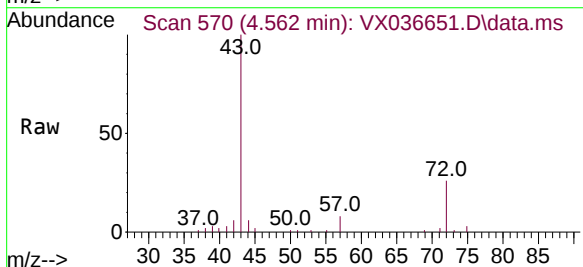
Acq: 25 Jul 2023 14:06

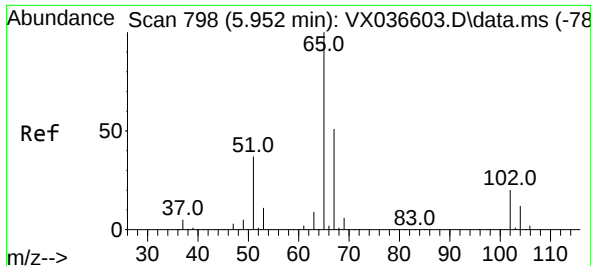
Tgt Ion: 43 Resp: 28991

Ion Ratio Lower Upper

43 100

72 26.1 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.322 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036651.D

Acq: 25 Jul 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

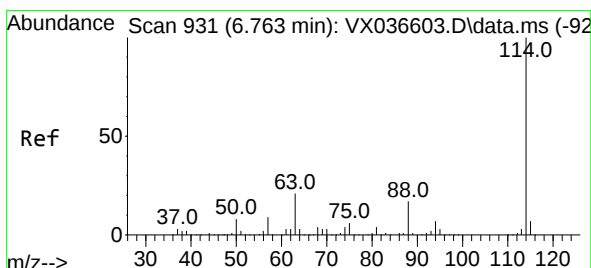
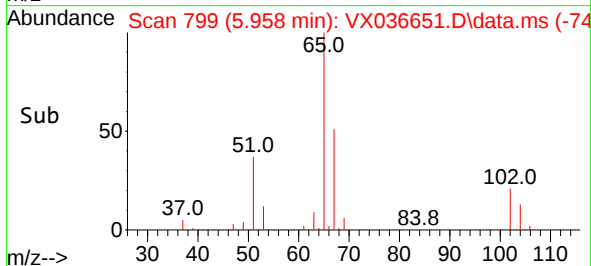
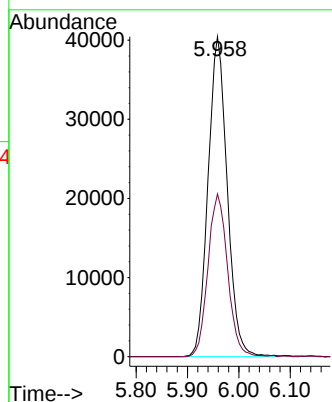
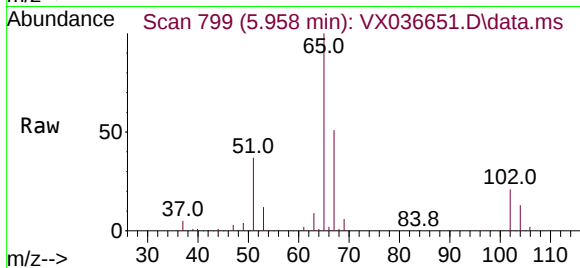
PB154393ZHE#04

Tgt Ion: 65 Resp: 104644

Ion Ratio Lower Upper

65 100

67 52.1 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: VX036651.D

Acq: 25 Jul 2023 14:06

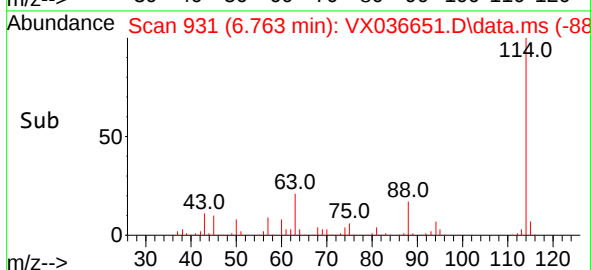
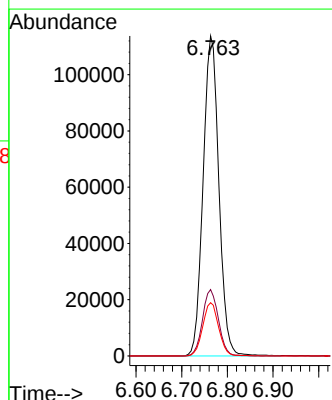
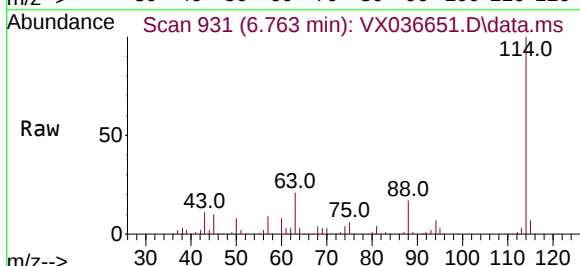
Tgt Ion: 114 Resp: 272271

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

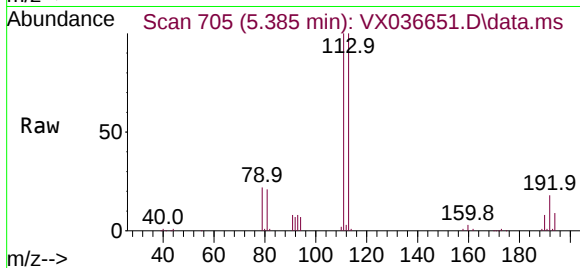
88 16.7 0.0 36.6



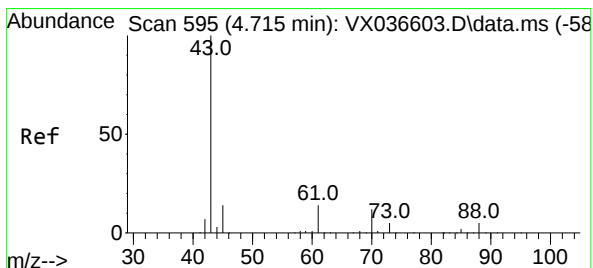
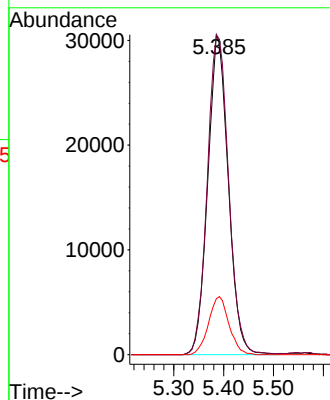
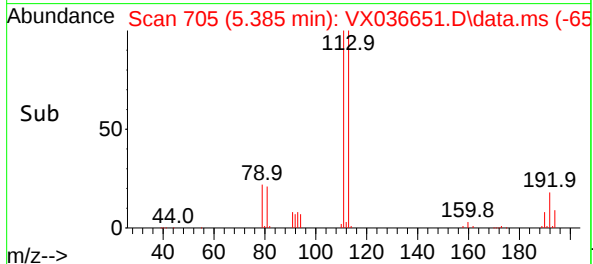


#35
Dibromofluoromethane
Concen: 46.552 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036651.D
Acq: 25 Jul 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#04

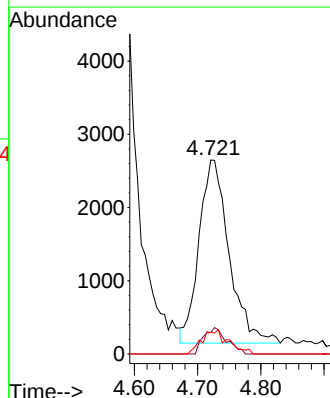
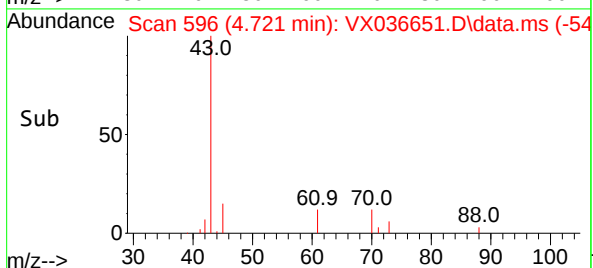
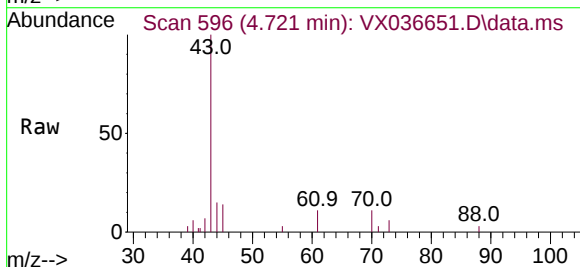


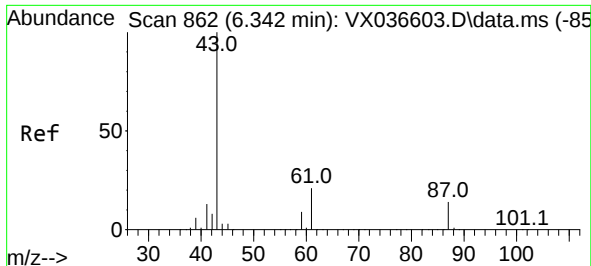
Tgt Ion:113 Resp: 87120
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.1 13.3 19.9



#37
Ethyl Acetate
Concen: 2.627 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036651.D
Acq: 25 Jul 2023 14:06

Tgt Ion: 43 Resp: 8293
Ion Ratio Lower Upper
43 100
61 10.9 10.6 16.0
70 11.6 8.3 12.5

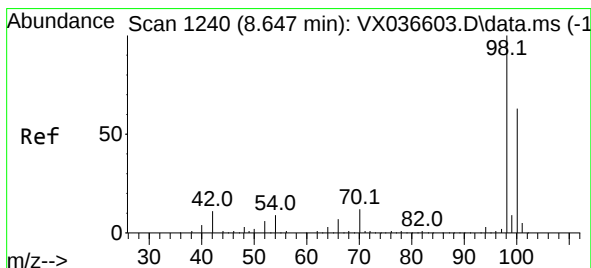
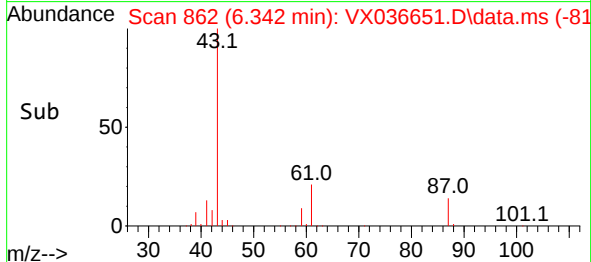
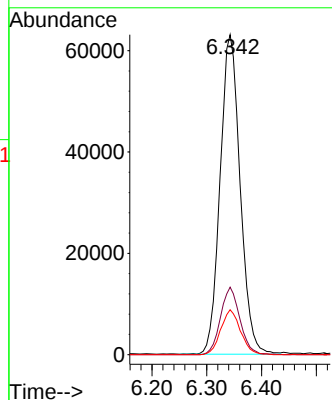
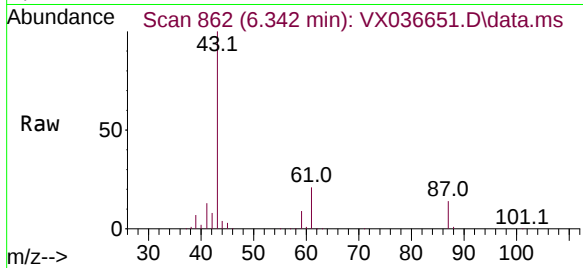




#43
Isopropyl Acetate
Concen: 29.509 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036651.D
Acq: 25 Jul 2023 14:06

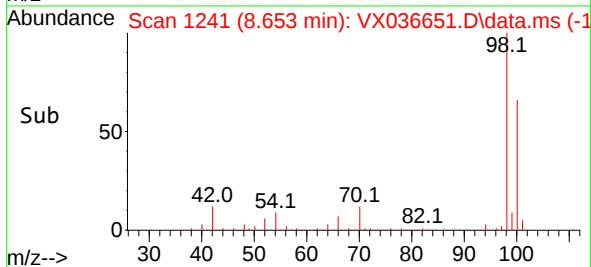
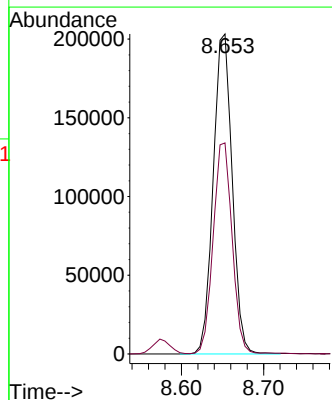
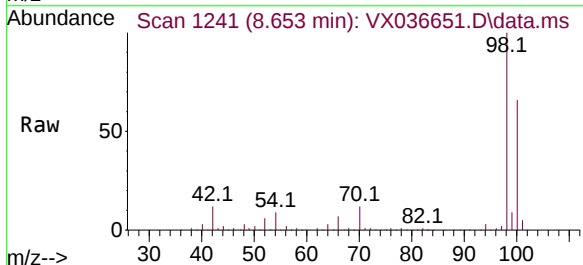
Instrument :
MSVOA_X
ClientSampleId :
PB154393ZHE#04

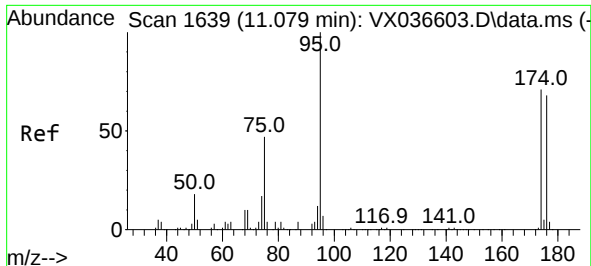
Tgt Ion: 43 Resp: 160370
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 13.8 9.8 14.6



#50
Toluene-d8
Concen: 49.032 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036651.D
Acq: 25 Jul 2023 14:06

Tgt Ion: 98 Resp: 325406
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.444 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036651.D

Acq: 25 Jul 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

PB154393ZHE#04

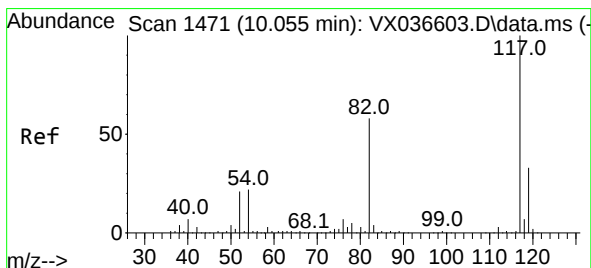
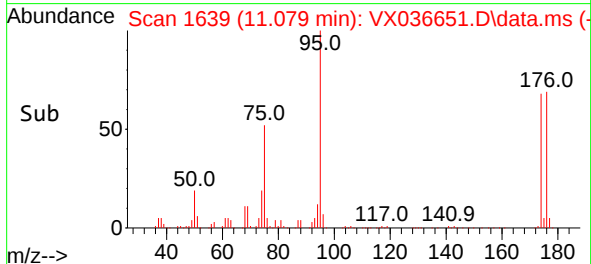
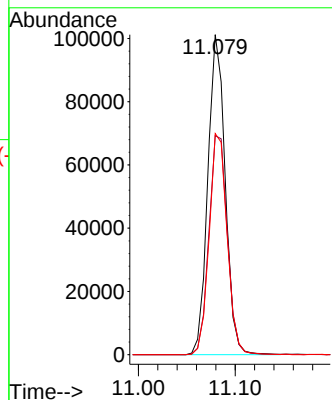
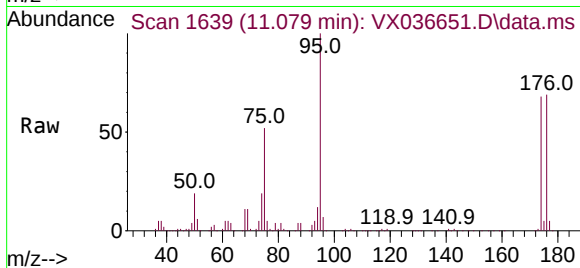
Tgt Ion: 95 Resp: 126304

Ion Ratio Lower Upper

95 100

174 72.8 0.0 135.6

176 71.4 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: VX036651.D

Acq: 25 Jul 2023 14:06

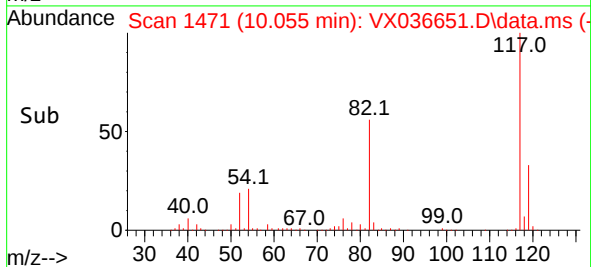
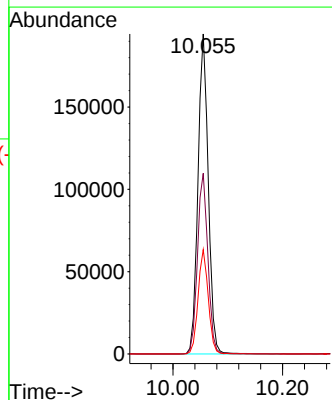
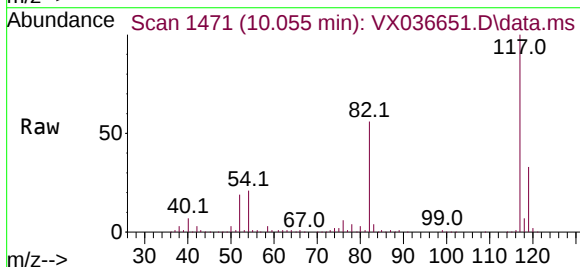
Tgt Ion: 117 Resp: 254389

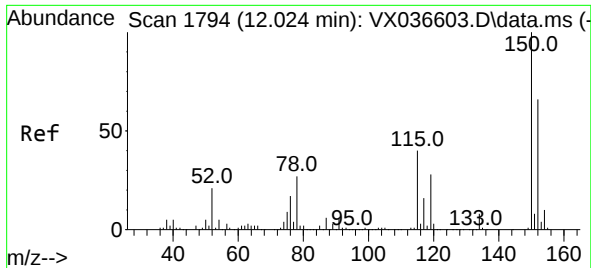
Ion Ratio Lower Upper

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: VX036651.D

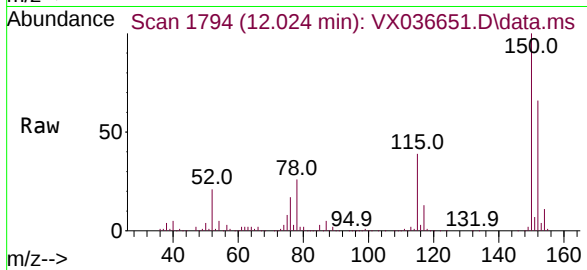
Acq: 25 Jul 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

PB154393ZHE#04



Tgt Ion:152 Resp: 118383

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 155.3 0.0 345.0

