

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031755.D
 Acq On : 29 Sep 2022 03:20
 Operator : JC/MD
 Sample : PB147944ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147944ZHE#02

Quant Time: Sep 29 04:37:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

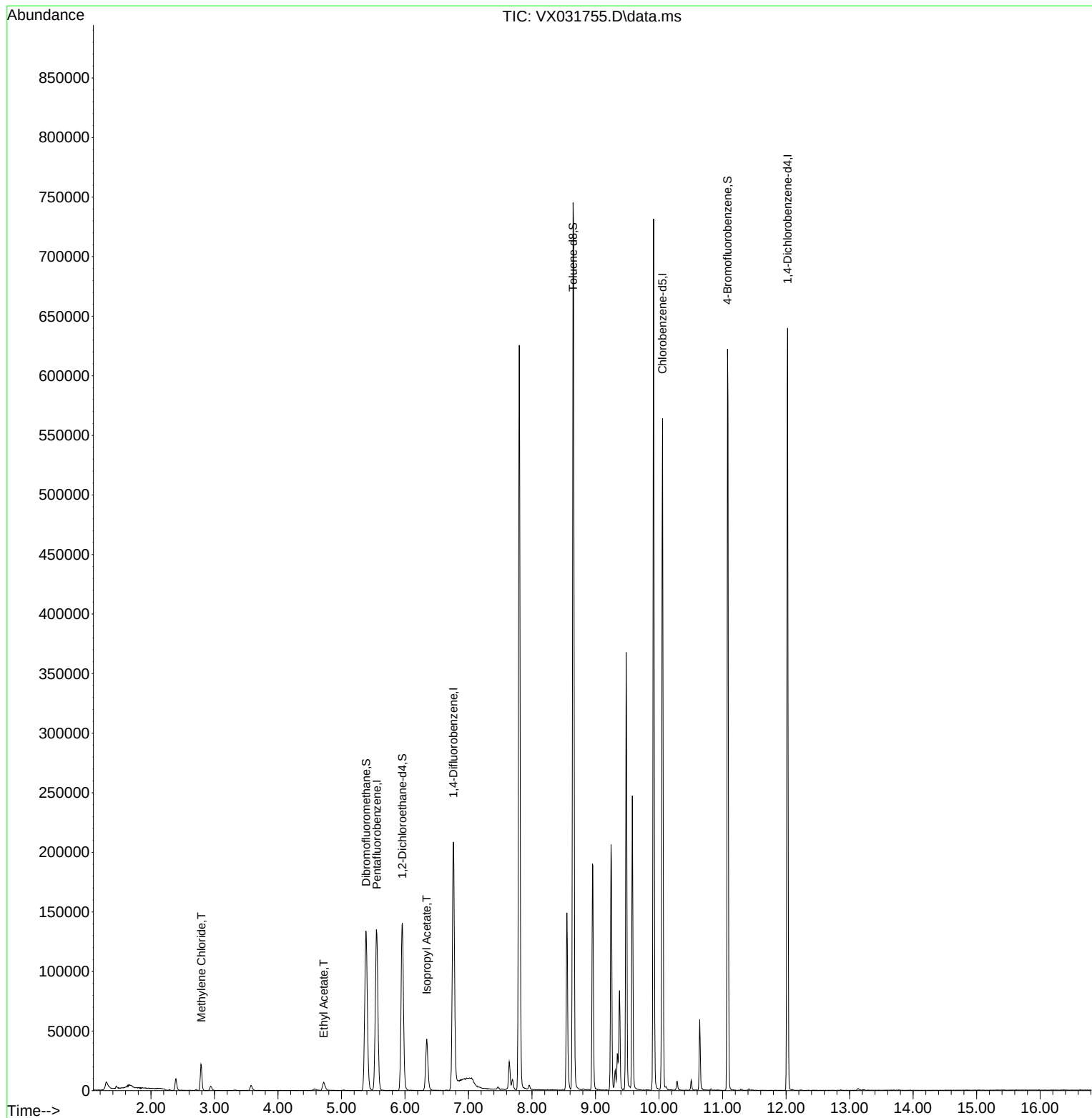
Internal Standards						
1) Pentafluorobenzene	5.556	168	127060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135332	50.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.360%
35) Dibromofluoromethane	5.385	113	113512	44.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.580%
50) Toluene-d8	8.647	98	458017	49.294	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	160218	47.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	2.794	84	9973	4.301	ug/l #	79
37) Ethyl Acetate	4.721	43	11518	3.880	ug/l	95
43) Isopropyl Acetate	6.342	43	55040	11.780	ug/l #	95

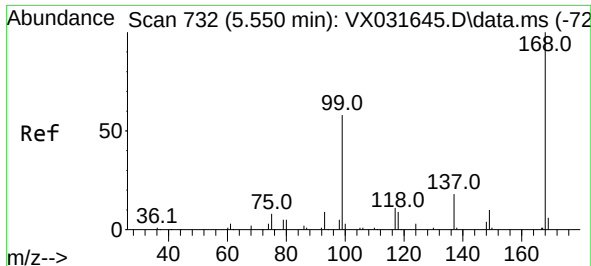
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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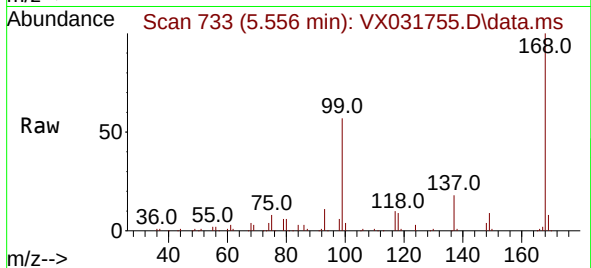
Quant Time: Sep 29 04:37:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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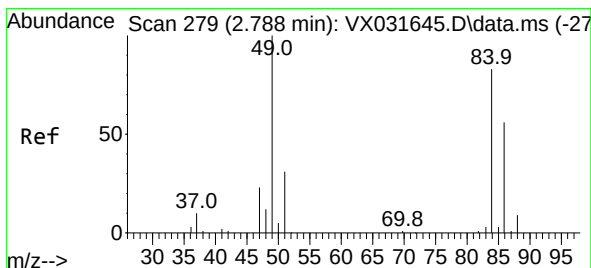
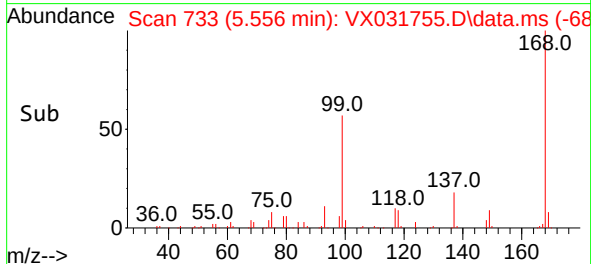
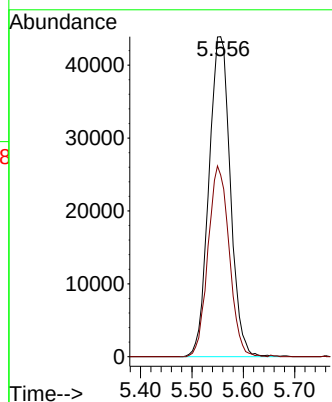


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031755.D
Acq: 29 Sep 2022 03:20

Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#02

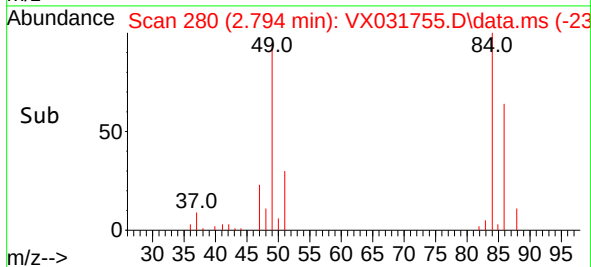
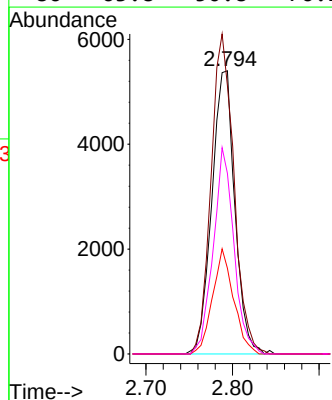
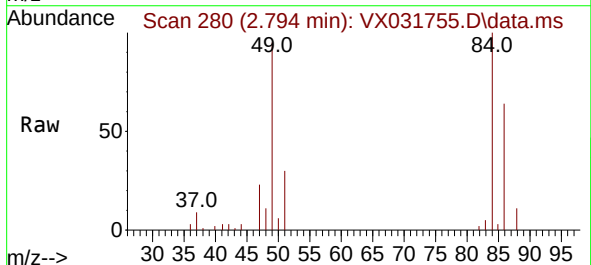


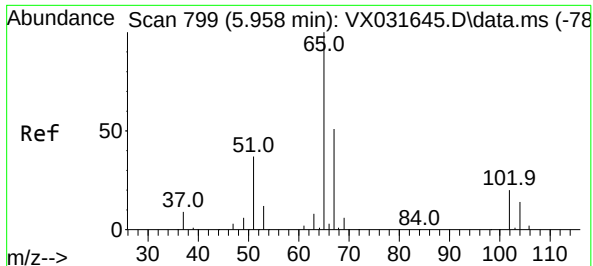
Tgt Ion:168 Resp: 127060
Ion Ratio Lower Upper
168 100
99 56.8 48.8 73.2



#20
Methylene Chloride
Concen: 4.301 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031755.D
Acq: 29 Sep 2022 03:20

Tgt Ion: 84 Resp: 9973
Ion Ratio Lower Upper
84 100
49 94.8 105.9 158.9#
51 30.3 32.2 48.2#
86 63.8 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 50.184 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031755.D

Acq: 29 Sep 2022 03:20

Instrument :

MSVOA_X

ClientSampleId :

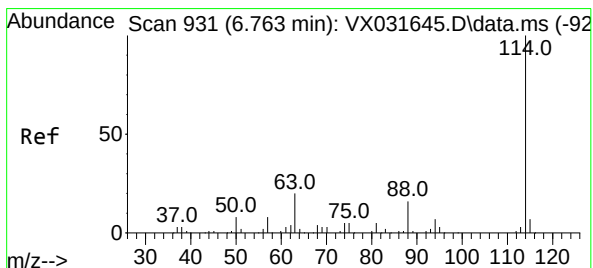
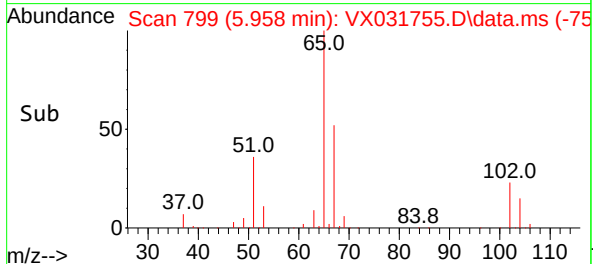
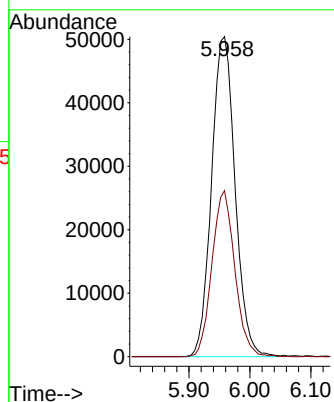
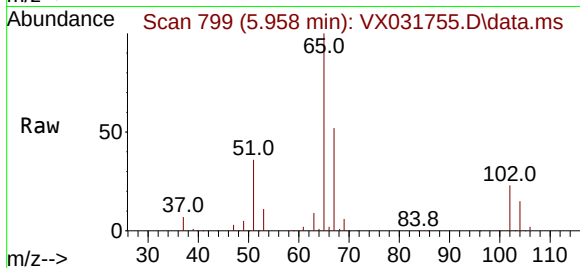
PB147944ZHE#02

Tgt Ion: 65 Resp: 135332

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031755.D

Acq: 29 Sep 2022 03:20

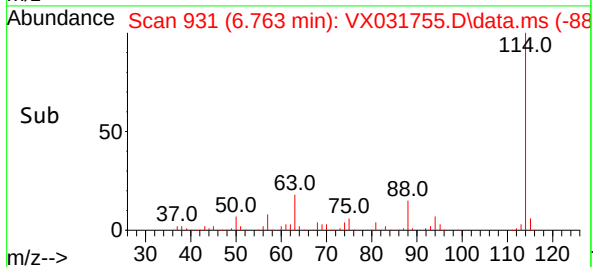
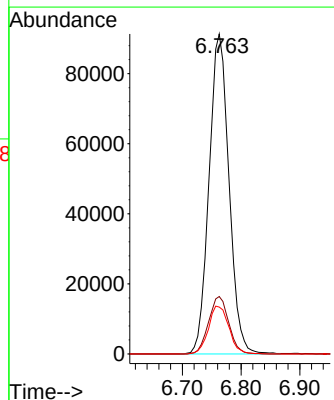
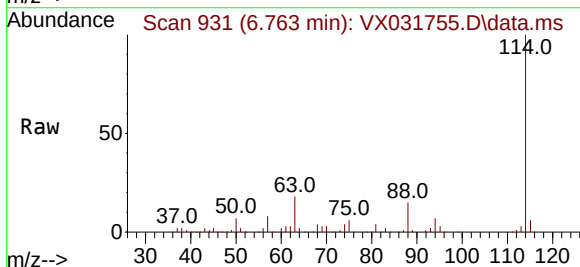
Tgt Ion: 114 Resp: 215092

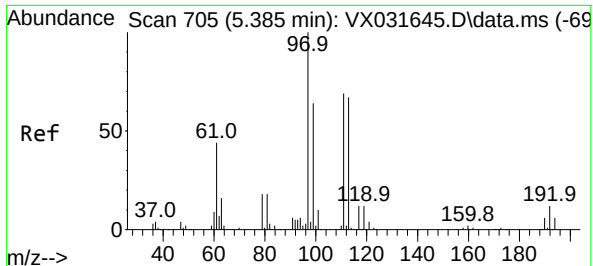
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.6

88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.291 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031755.D

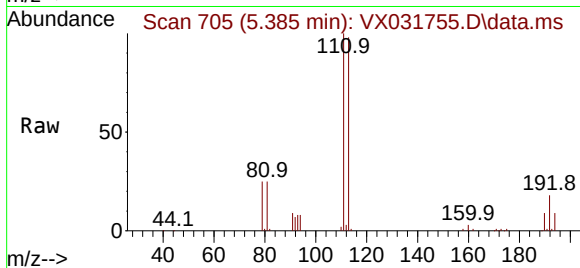
Acq: 29 Sep 2022 03:20

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#02



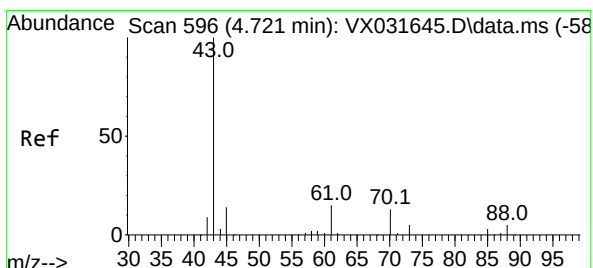
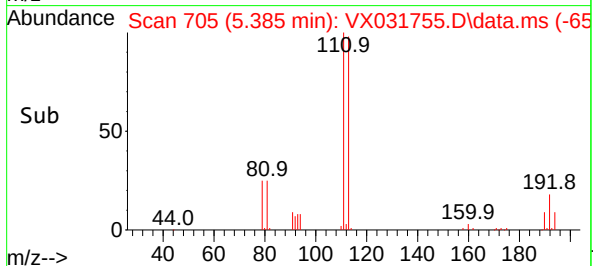
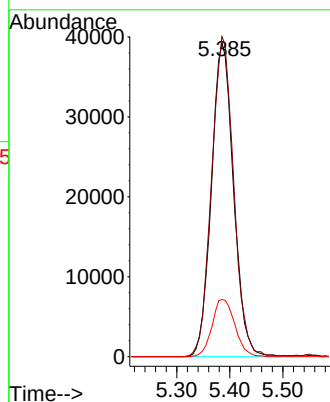
Tgt Ion:113 Resp: 113512

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.8 14.1 21.1



#37

Ethyl Acetate

Concen: 3.880 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031755.D

Acq: 29 Sep 2022 03:20

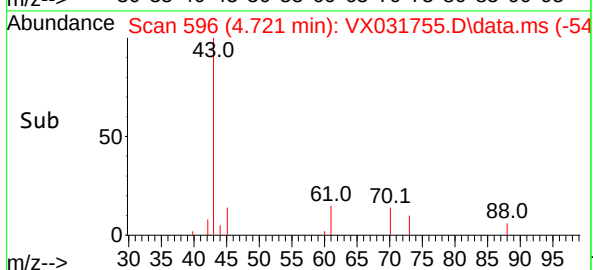
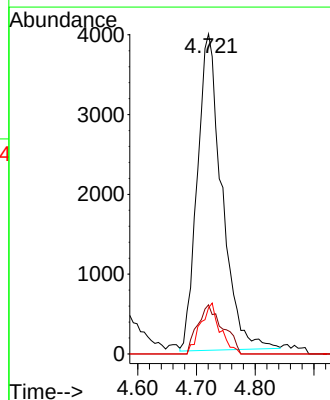
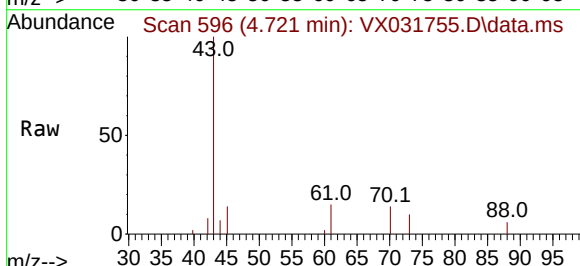
Tgt Ion: 43 Resp: 11518

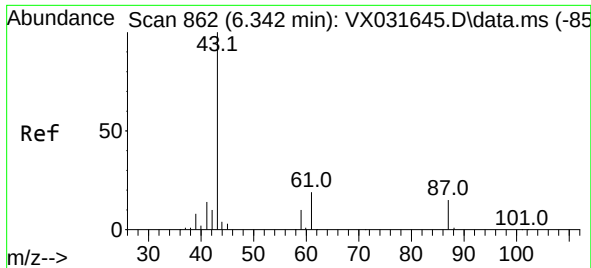
Ion Ratio Lower Upper

43 100

61 16.0 11.1 16.7

70 12.8 8.6 13.0

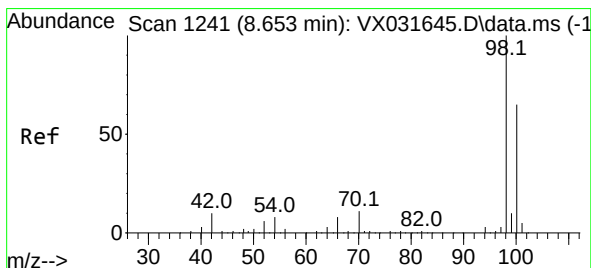
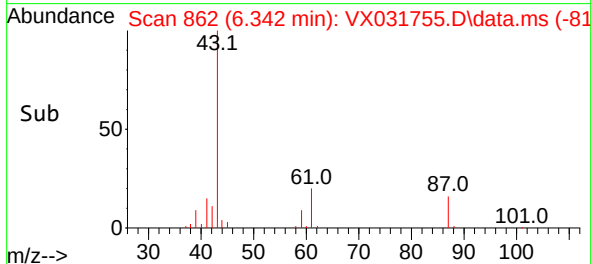
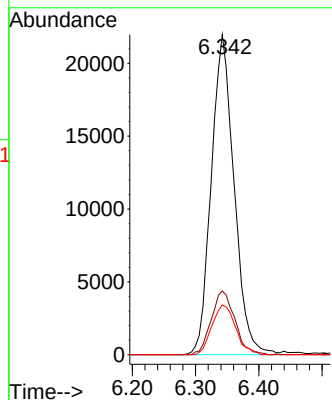
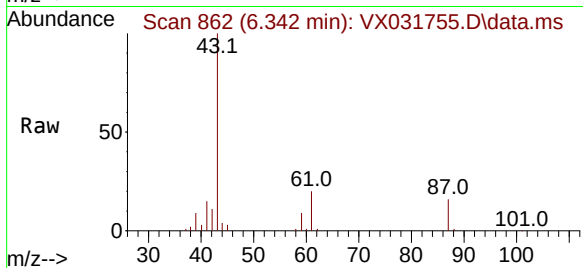




#43
Isopropyl Acetate
Concen: 11.780 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031755.D
Acq: 29 Sep 2022 03:20

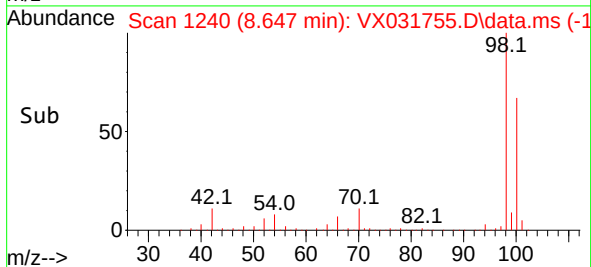
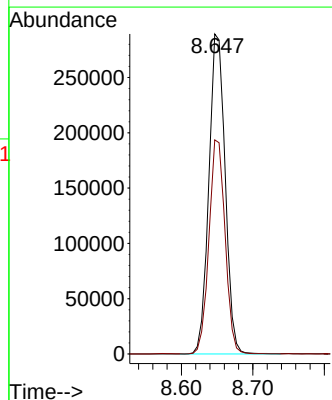
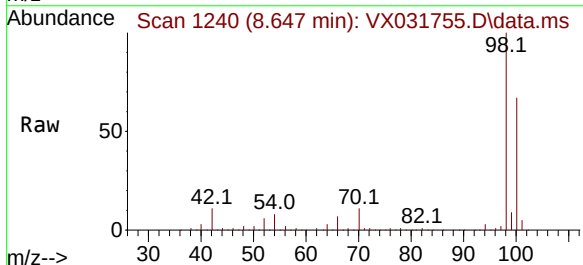
Instrument :
MSVOA_X
ClientSampleId :
PB147944ZHE#02

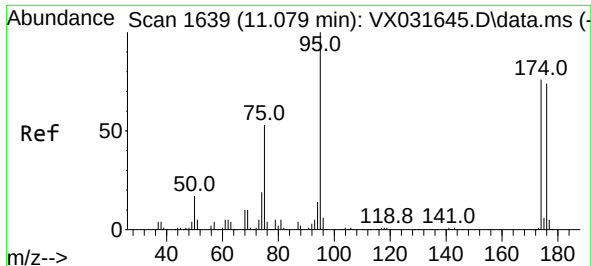
Tgt Ion: 43 Resp: 55040
Ion Ratio Lower Upper
43 100
61 20.5 15.3 22.9
87 16.1 10.6 15.8#



#50
Toluene-d8
Concen: 49.294 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031755.D
Acq: 29 Sep 2022 03:20

Tgt Ion: 98 Resp: 458017
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.047 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031755.D

Acq: 29 Sep 2022 03:20

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#02

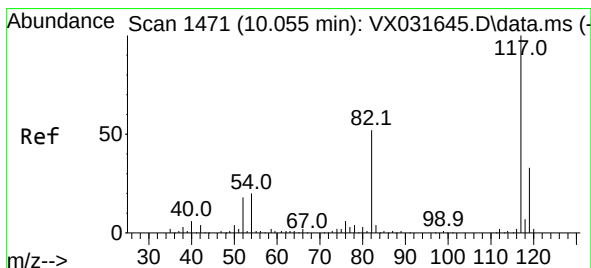
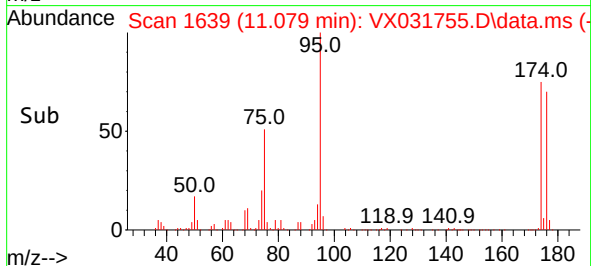
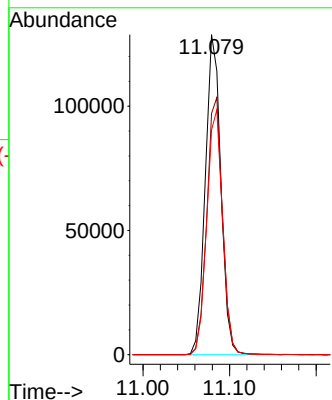
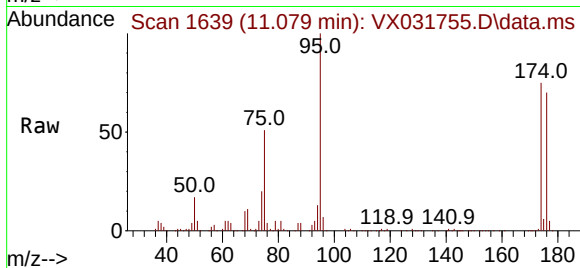
Tgt Ion: 95 Resp: 160218

Ion Ratio Lower Upper

95 100

174 81.4 0.0 153.2

176 78.2 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031755.D

Acq: 29 Sep 2022 03:20

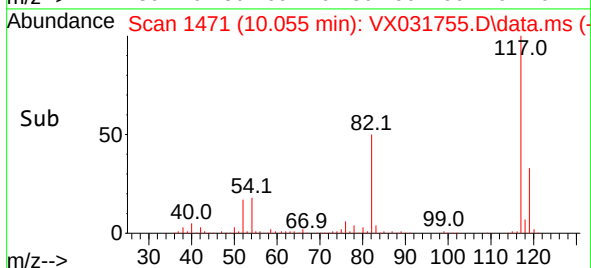
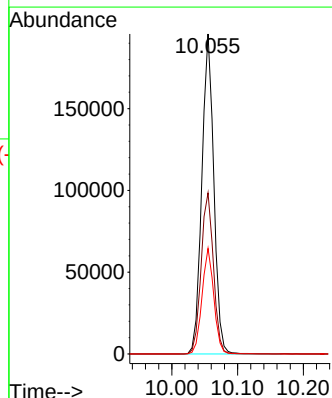
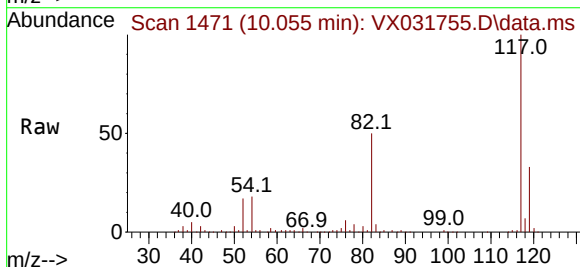
Tgt Ion: 117 Resp: 247926

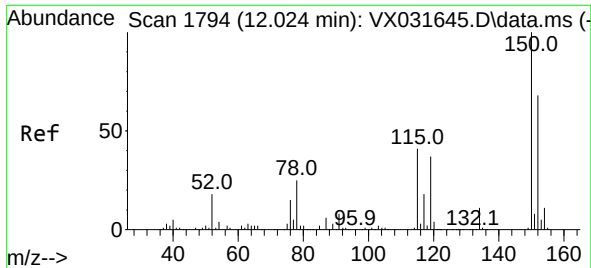
Ion Ratio Lower Upper

117 100

82 50.4 46.8 70.2

119 33.0 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031755.D

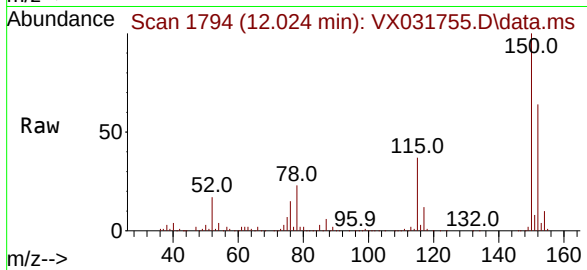
Acq: 29 Sep 2022 03:20

Instrument :

MSVOA_X

ClientSampleId :

PB147944ZHE#02



Tgt Ion:152 Resp: 134332

Ion Ratio Lower Upper

152 100

115 58.2 43.4 130.1

150 155.2 0.0 346.8

