

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032065.D
 Acq On : 12 Oct 2022 06:38
 Operator : JC/MD
 Sample : N5067-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B3(23-24)

Quant Time: Oct 12 13:25:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

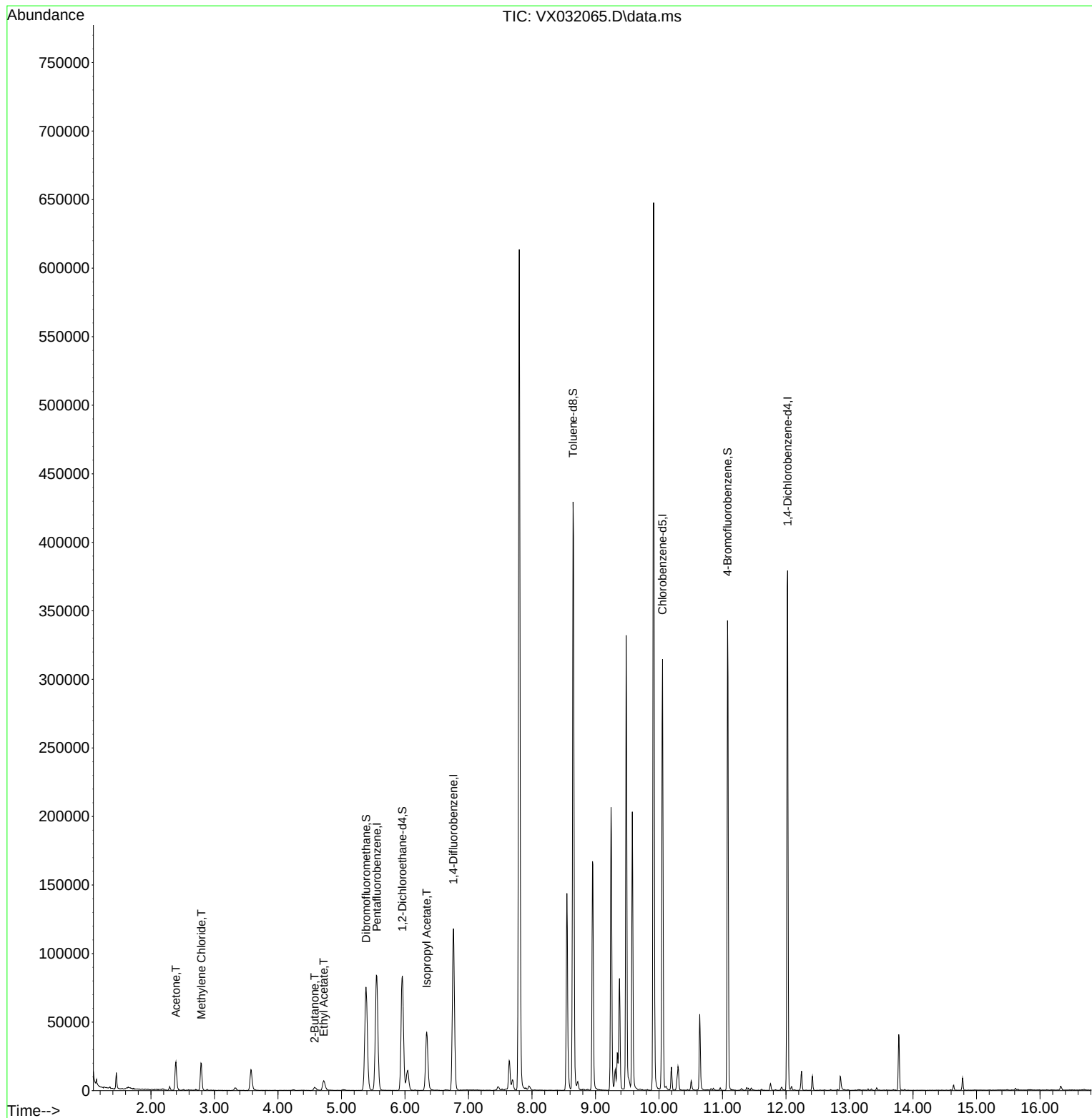
Internal Standards						
1) Pentafluorobenzene	5.556	168	77790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82680	51.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.940%
35) Dibromofluoromethane	5.385	113	64758	48.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	247561	51.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.880%
62) 4-Bromofluorobenzene	11.079	95	84118	49.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	25306	46.348	ug/l	93
20) Methylene Chloride	2.794	84	8688	6.055	ug/l	89
25) 2-Butanone	4.574	43	4304	5.043	ug/l #	88
37) Ethyl Acetate	4.721	43	13122	7.860	ug/l	98
43) Isopropyl Acetate	6.342	43	57631	22.751	ug/l	99

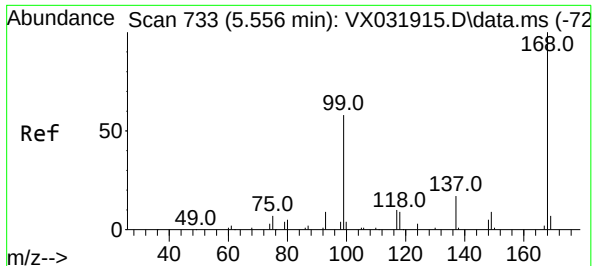
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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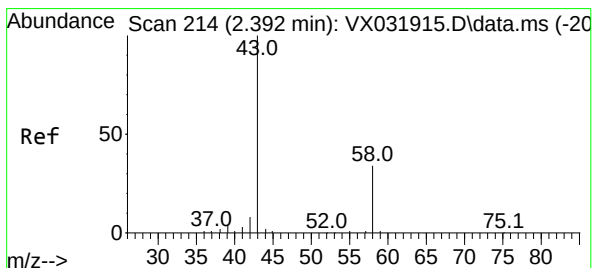
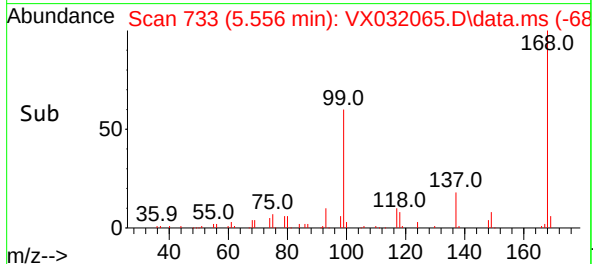
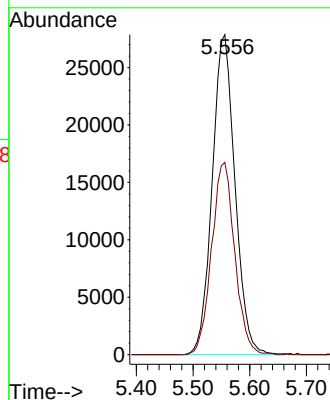
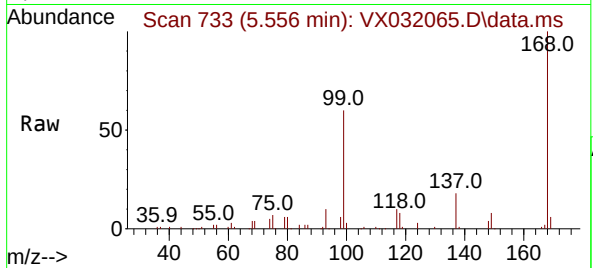




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032065.D
Acq: 12 Oct 2022 06:38

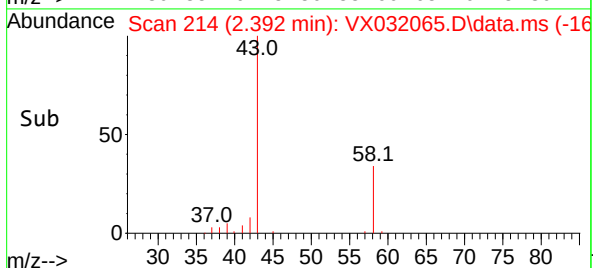
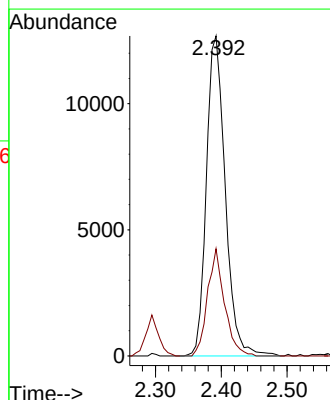
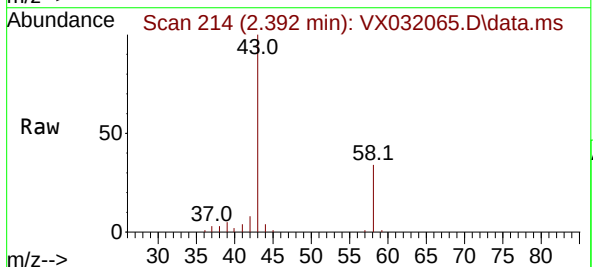
Instrument :
MSVOA_X
ClientSampleId :
B3(23-24)

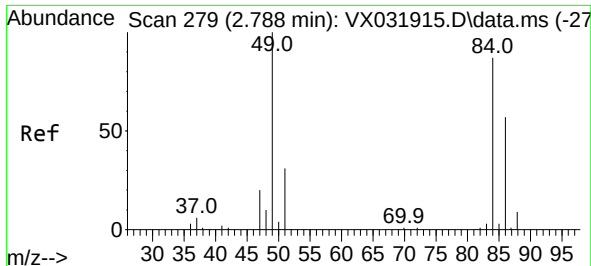
Tgt Ion:168 Resp: 77790
Ion Ratio Lower Upper
168 100
99 60.1 48.8 73.2



#16
Acetone
Concen: 46.348 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032065.D
Acq: 12 Oct 2022 06:38

Tgt Ion: 43 Resp: 25306
Ion Ratio Lower Upper
43 100
58 33.5 23.8 35.8





#20

Methylene Chloride

Concen: 6.055 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032065.D

Acq: 12 Oct 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

B3(23-24)

Tgt Ion: 84 Resp: 8688

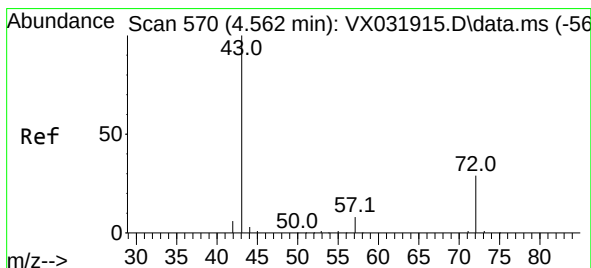
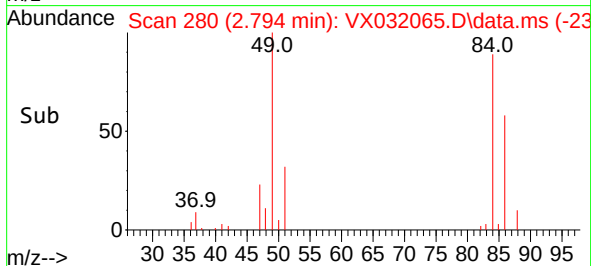
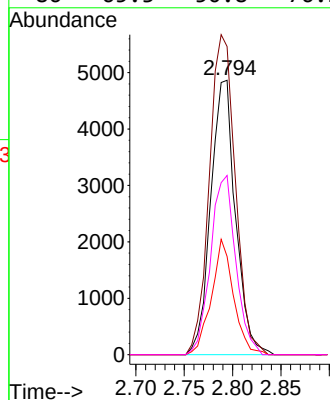
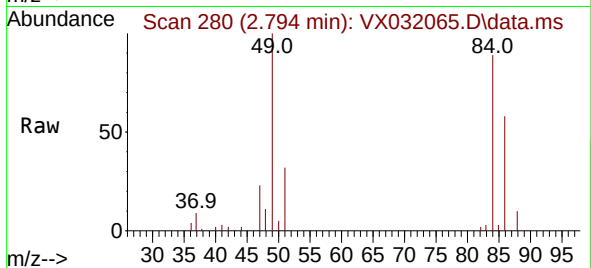
Ion Ratio Lower Upper

84 100

49 112.3 105.9 158.9

51 35.8 32.2 48.2

86 65.3 50.8 76.2



#25

2-Butanone

Concen: 5.043 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX032065.D

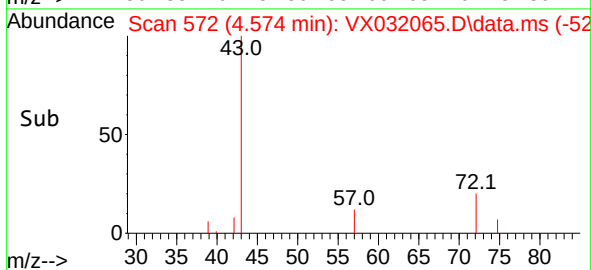
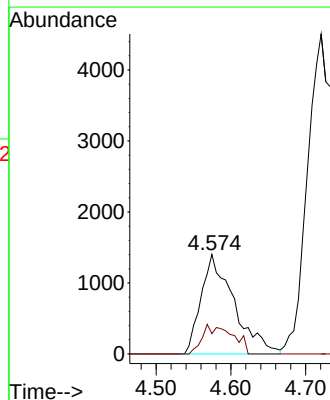
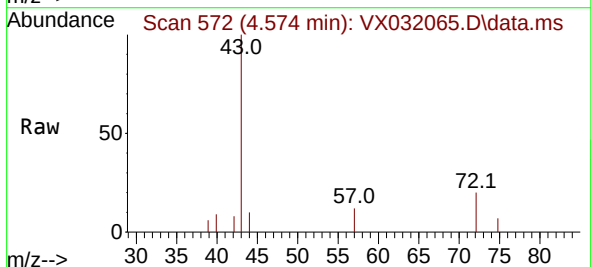
Acq: 12 Oct 2022 06:38

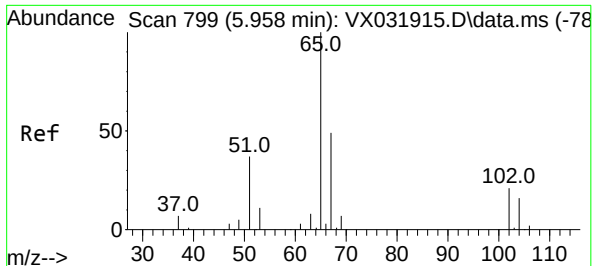
Tgt Ion: 43 Resp: 4304

Ion Ratio Lower Upper

43 100

72 20.4 21.1 31.7#





#33

1,2-Dichloroethane-d4

Concen: 51.465 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032065.D

Acq: 12 Oct 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

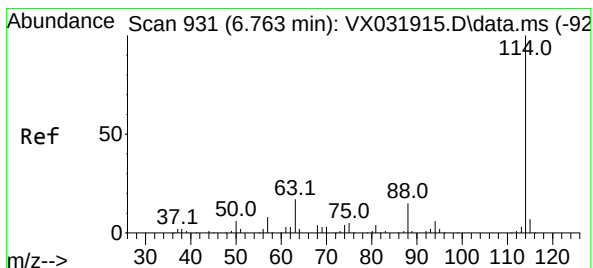
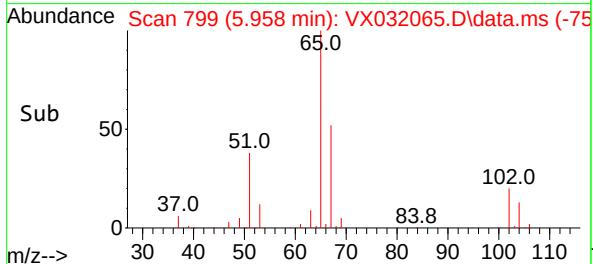
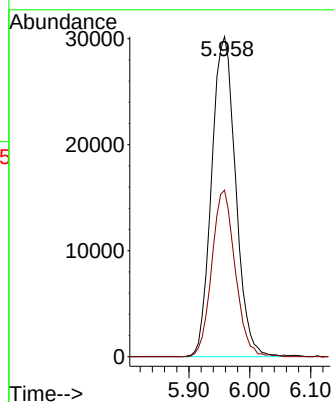
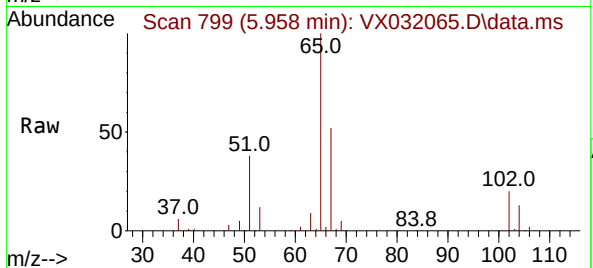
B3(23-24)

Tgt Ion: 65 Resp: 82680

Ion Ratio Lower Upper

65 100

67 50.6 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: VX032065.D

Acq: 12 Oct 2022 06:38

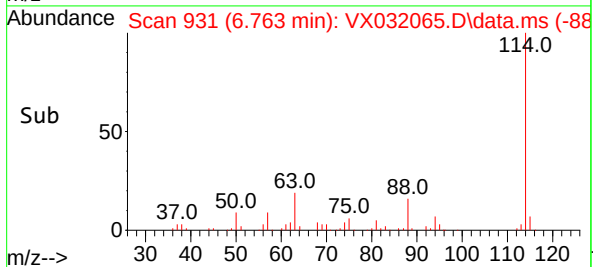
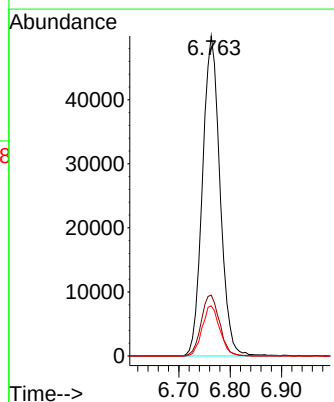
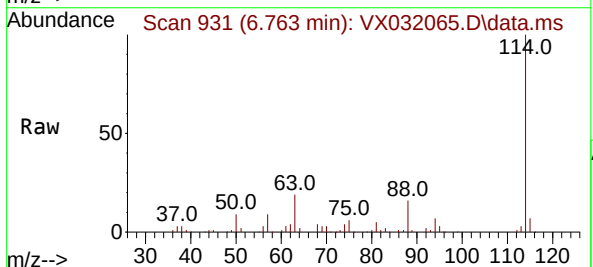
Tgt Ion: 114 Resp: 118144

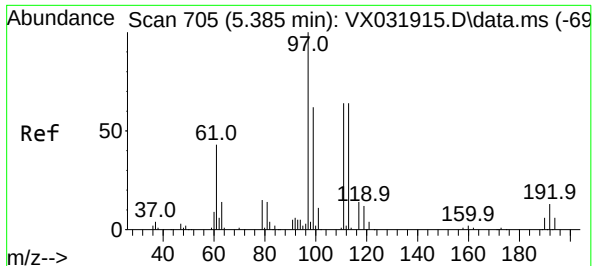
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.424 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032065.D

Acq: 12 Oct 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

B3(23-24)

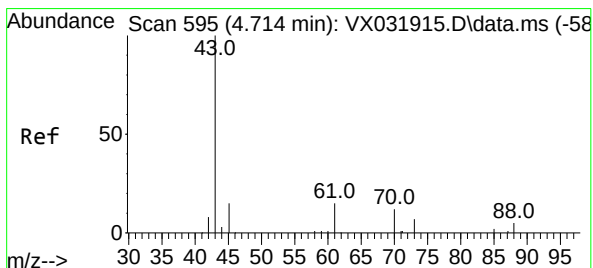
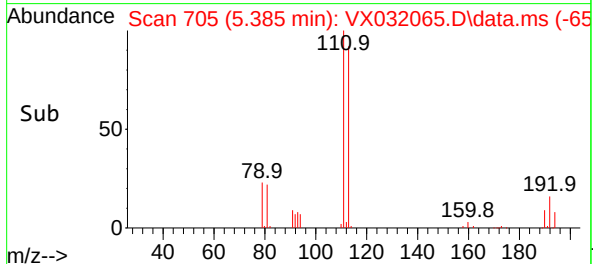
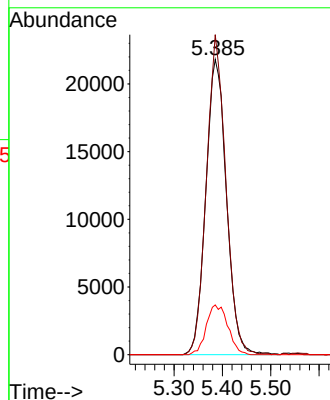
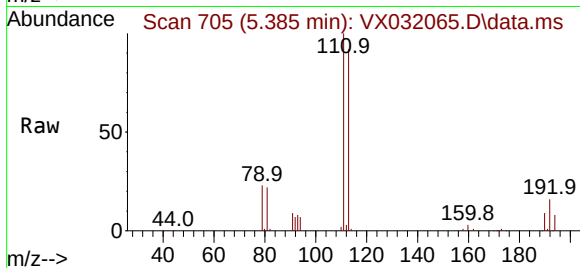
Tgt Ion:113 Resp: 64758

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 17.6 14.1 21.1



#37

Ethyl Acetate

Concen: 7.860 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX032065.D

Acq: 12 Oct 2022 06:38

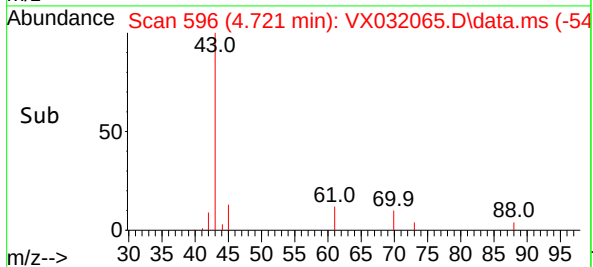
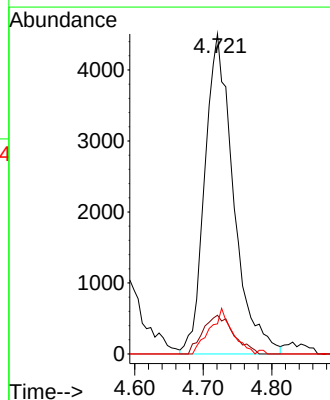
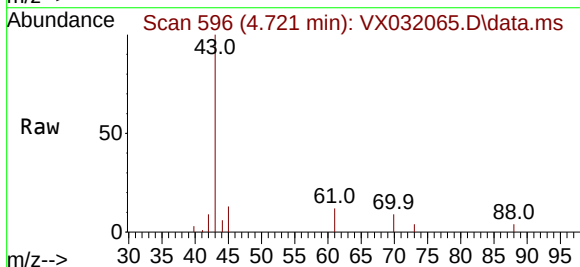
Tgt Ion: 43 Resp: 13122

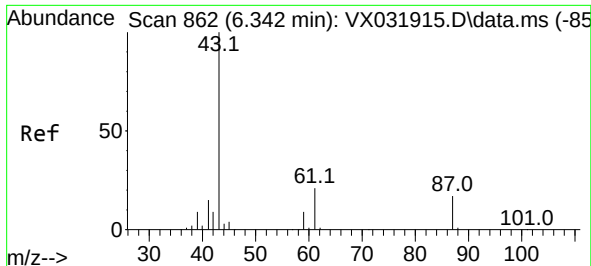
Ion Ratio Lower Upper

43 100

61 12.9 11.1 16.7

70 11.1 8.6 13.0





#43

Isopropyl Acetate

Concen: 22.751 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032065.D

Acq: 12 Oct 2022 06:38

Instrument :

MSVOA_X

ClientSampleId :

B3(23-24)

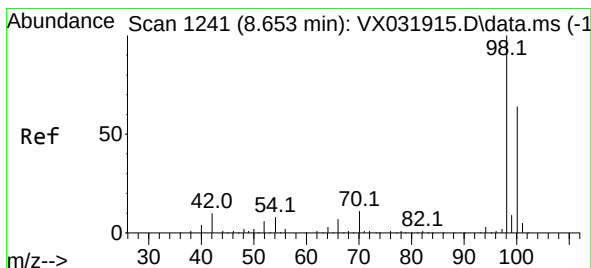
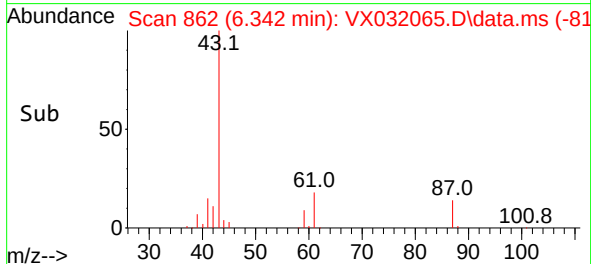
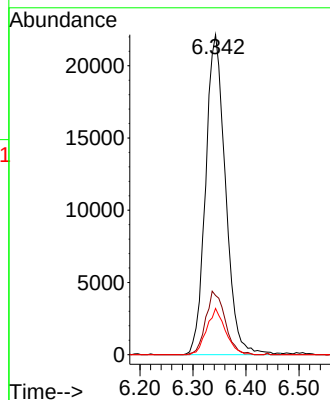
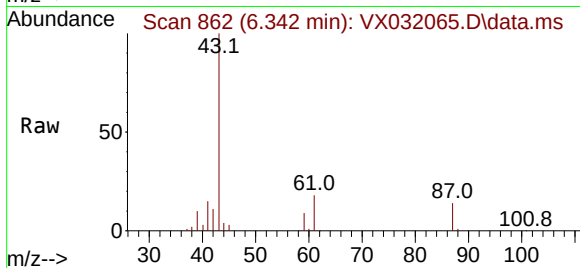
Tgt Ion: 43 Resp: 57631

Ion Ratio Lower Upper

43 100

61 19.3 15.3 22.9

87 13.7 10.6 15.8



#50

Toluene-d8

Concen: 51.445 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032065.D

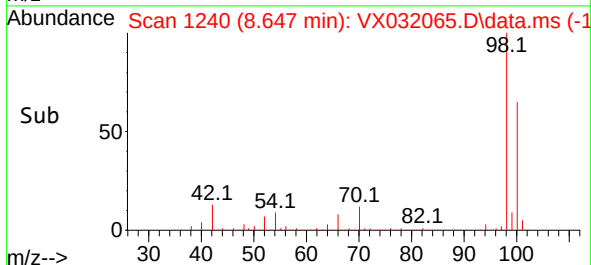
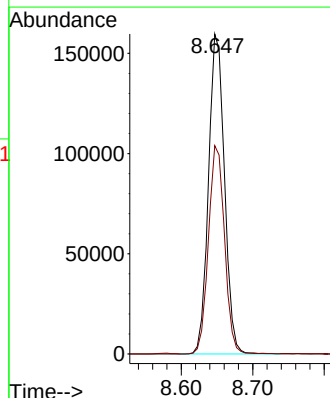
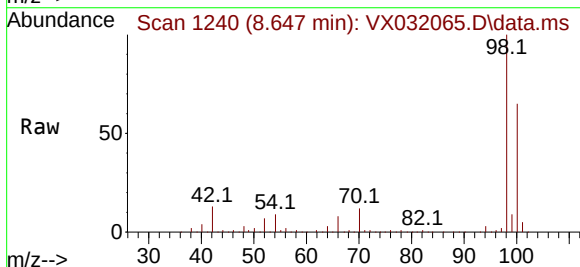
Acq: 12 Oct 2022 06:38

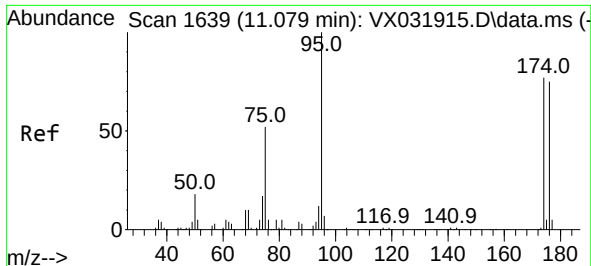
Tgt Ion: 98 Resp: 247561

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

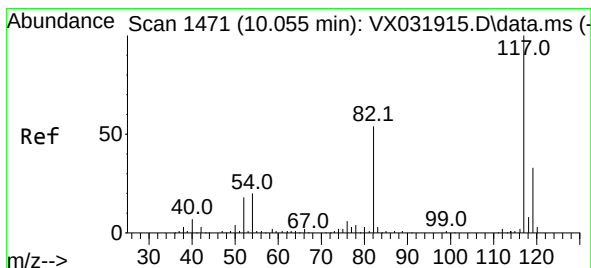
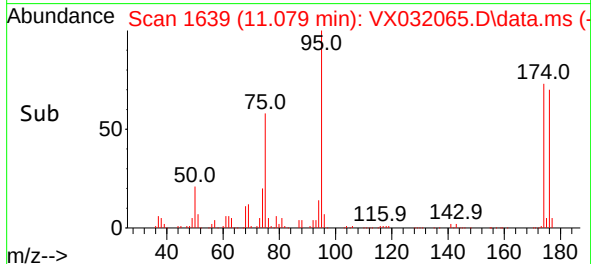
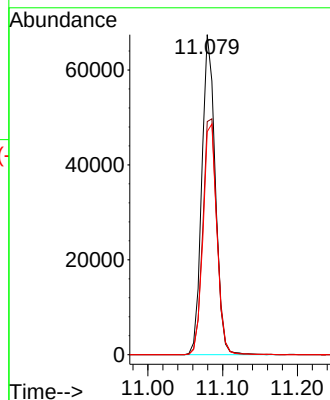
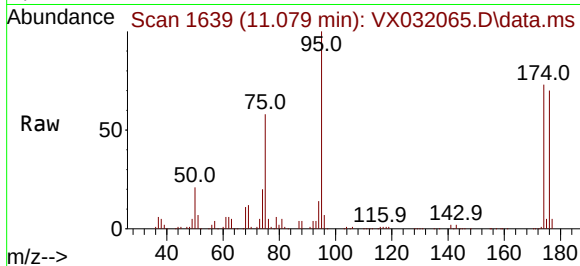




#62
4-Bromofluorobenzene
Concen: 49.445 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032065.D
Acq: 12 Oct 2022 06:38

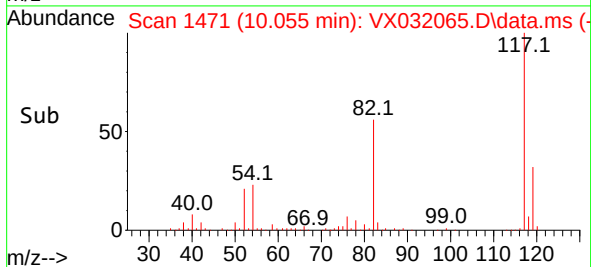
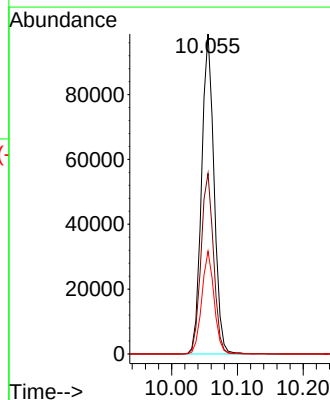
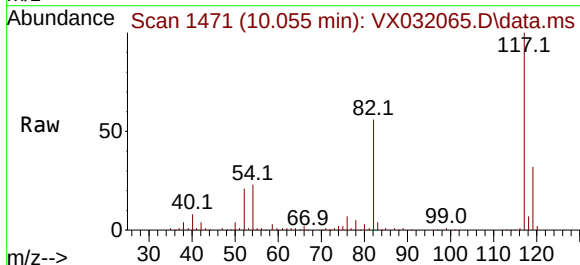
Instrument :
MSVOA_X
ClientSampleId :
B3(23-24)

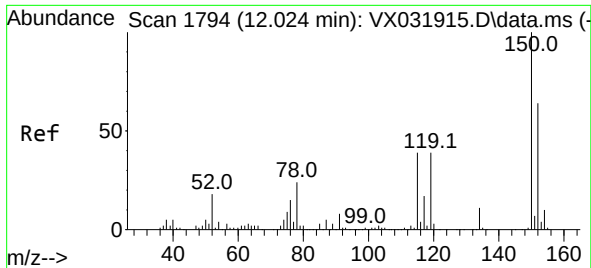
Tgt Ion: 95 Resp: 84118
Ion Ratio Lower Upper
95 100
174 77.6 0.0 153.2
176 74.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032065.D
Acq: 12 Oct 2022 06:38

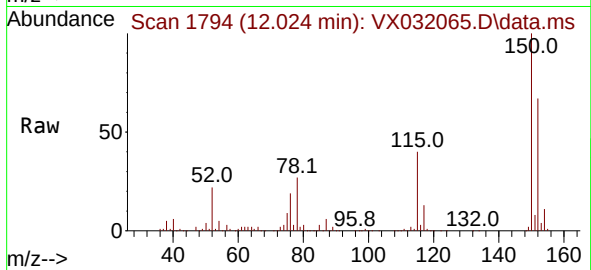
Tgt Ion: 117 Resp: 129694
Ion Ratio Lower Upper
117 100
82 56.4 46.8 70.2
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032065.D
 Acq: 12 Oct 2022 06:38

Instrument :
 MSVOA_X
 ClientSampleId :
 B3(23-24)



Tgt Ion:152 Resp: 76692
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.4 130.1
 150 153.9 0.0 346.8

