

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032067.D
 Acq On : 12 Oct 2022 07:24
 Operator : JC/MD
 Sample : N5067-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B5(21-22)

Quant Time: Oct 12 13:26:22 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)

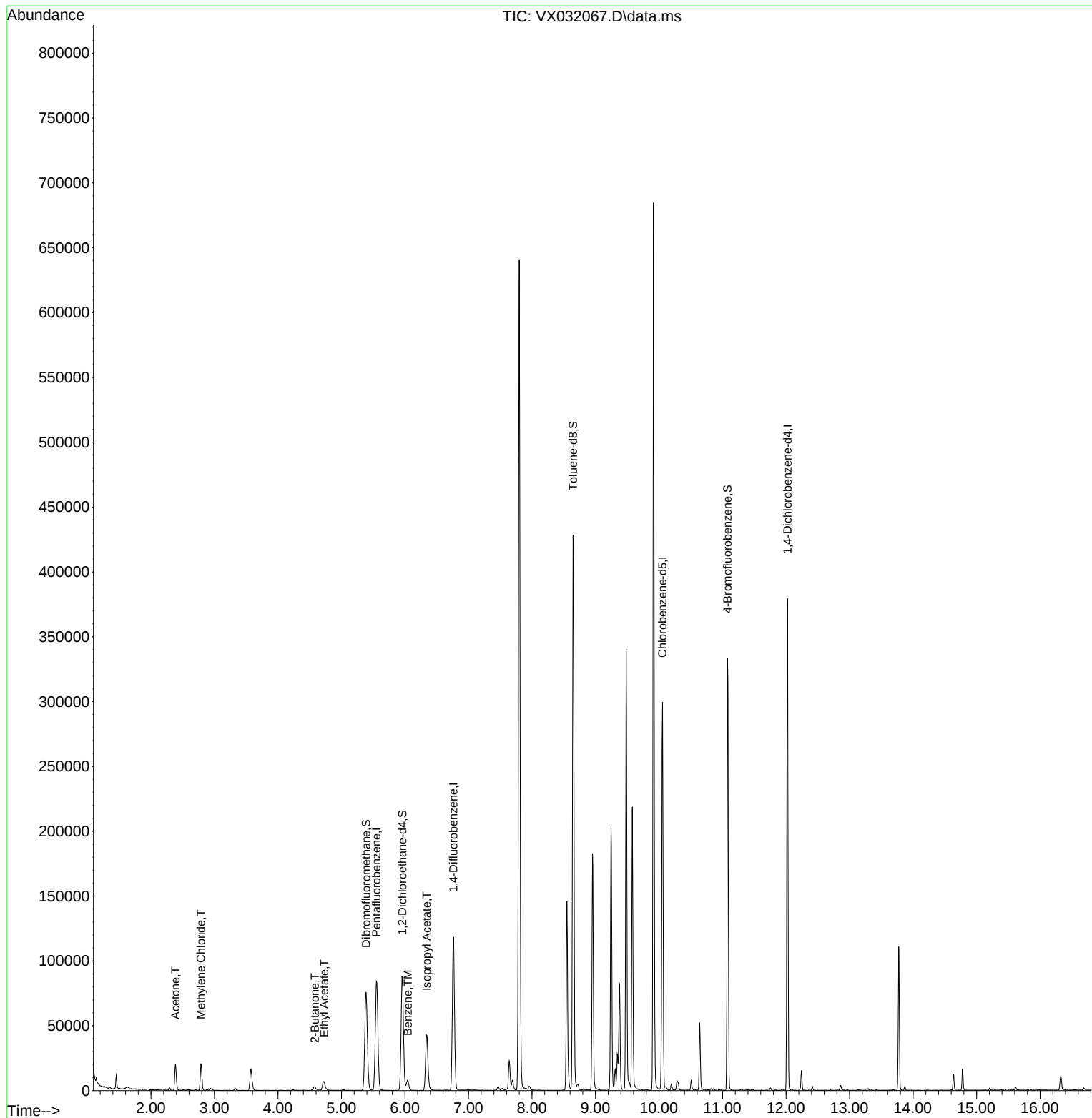
Internal Standards						
1) Pentafluorobenzene	5.550	168	78959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	117920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83219	51.034	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	5.385	113	63801	47.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.600%	
50) Toluene-d8	8.647	98	247235	51.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	11.079	95	84367	49.686	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.380%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23270	41.988	ug/l	99
20) Methylene Chloride	2.788	84	8784	6.032	ug/l	95
25) 2-Butanone	4.580	43	3605	4.161	ug/l #	89
37) Ethyl Acetate	4.727	43	13454	8.074	ug/l	97
40) Benzene	6.044	78	9104m	1.757	ug/l	
43) Isopropyl Acetate	6.342	43	58605	23.180	ug/l	99

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

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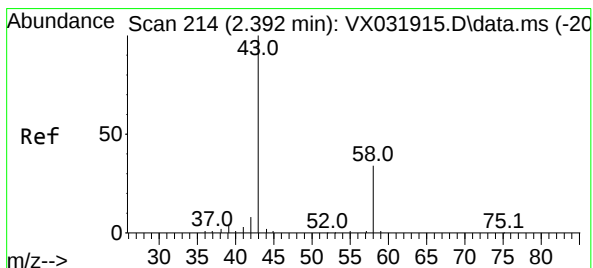
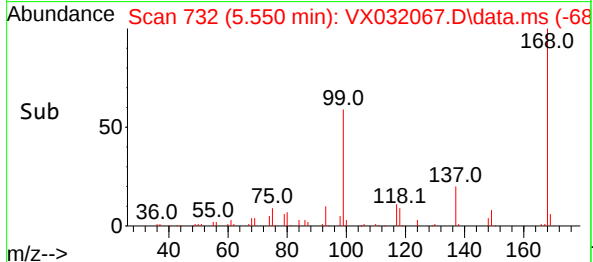
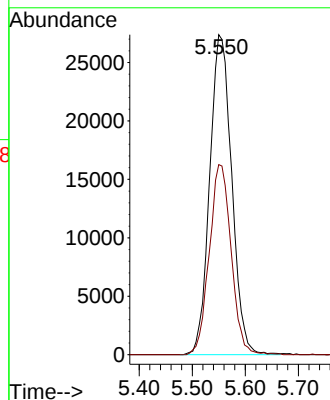
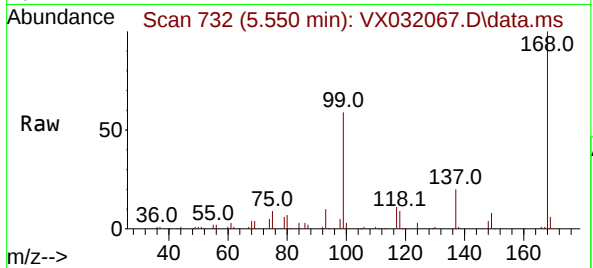




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

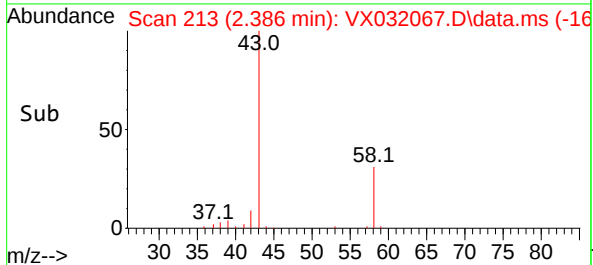
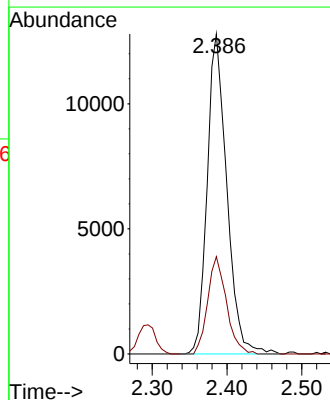
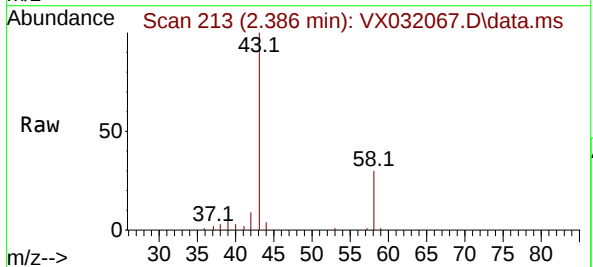
Instrument : MSVOA_X
ClientSampleId : B5(21-22)

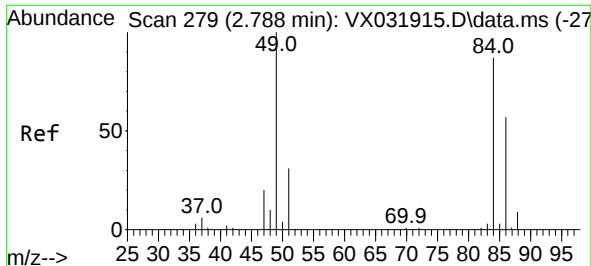
Tgt Ion:168 Resp: 78959
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#16
Acetone
Concen: 41.988 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

Tgt Ion: 43 Resp: 23270
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





#20

Methylene Chloride

Concen: 6.032 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032067.D

Acq: 12 Oct 2022 07:24

Instrument :

MSVOA_X

ClientSampleId :

B5(21-22)

Tgt Ion: 84 Resp: 8784

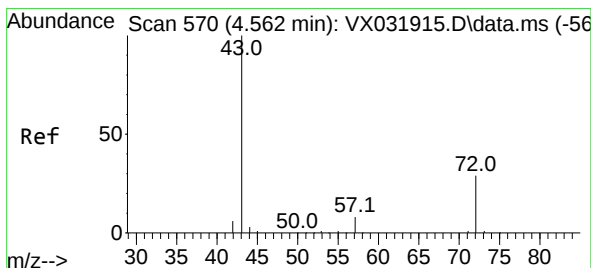
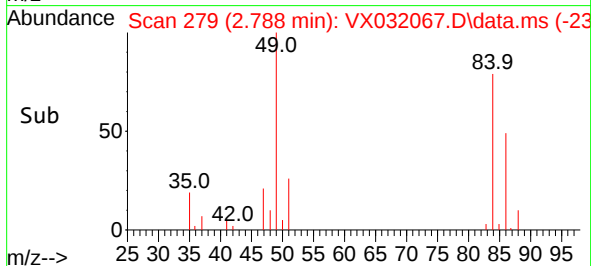
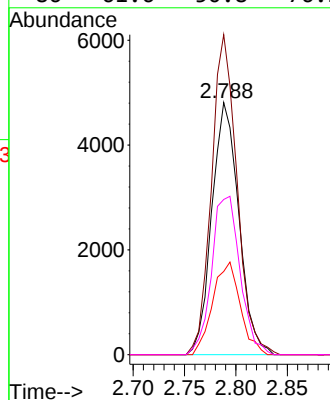
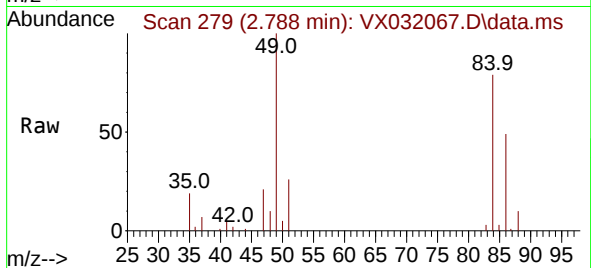
Ion Ratio Lower Upper

84 100

49 126.9 105.9 158.9

51 33.0 32.2 48.2

86 61.6 50.8 76.2



#25

2-Butanone

Concen: 4.161 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX032067.D

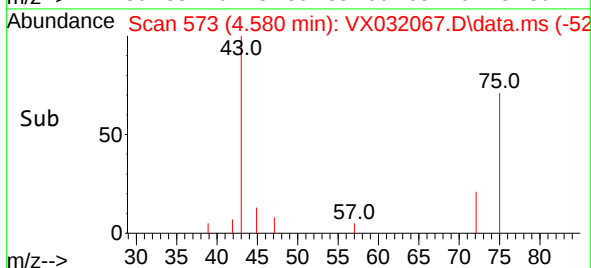
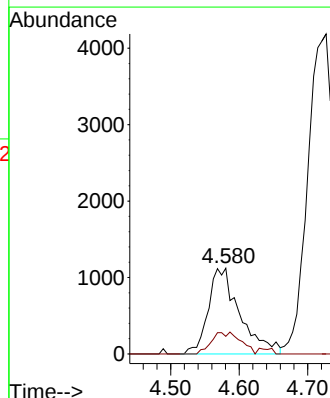
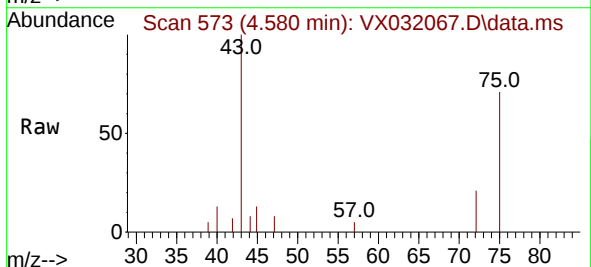
Acq: 12 Oct 2022 07:24

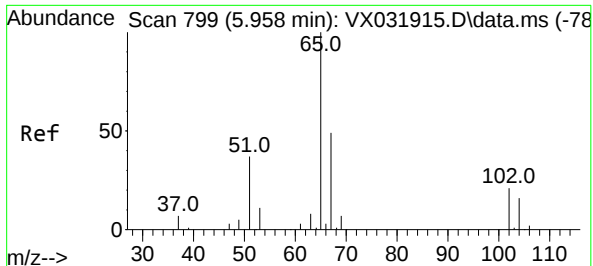
Tgt Ion: 43 Resp: 3605

Ion Ratio Lower Upper

43 100

72 20.6 21.1 31.7#





#33

1,2-Dichloroethane-d4

Concen: 51.034 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032067.D

Acq: 12 Oct 2022 07:24

Instrument :

MSVOA_X

ClientSampleId :

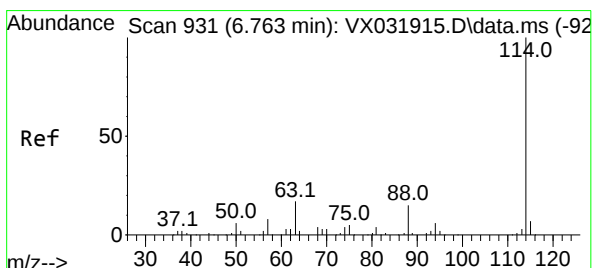
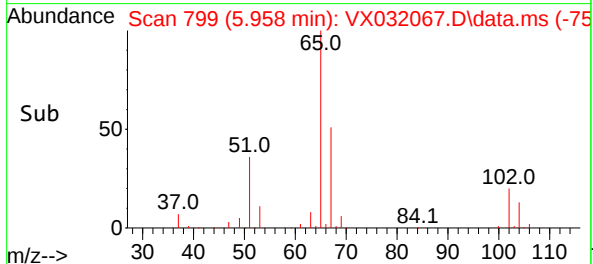
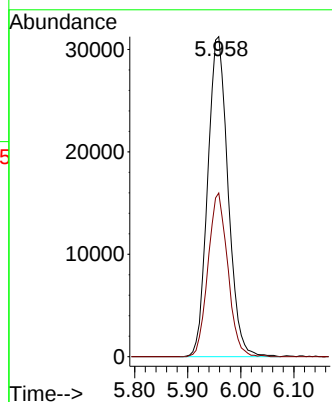
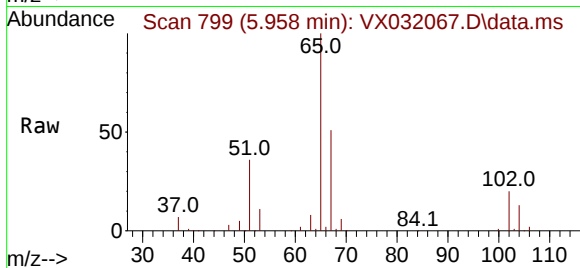
B5(21-22)

Tgt Ion: 65 Resp: 83219

Ion Ratio Lower Upper

65 100

67 49.7 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: VX032067.D

Acq: 12 Oct 2022 07:24

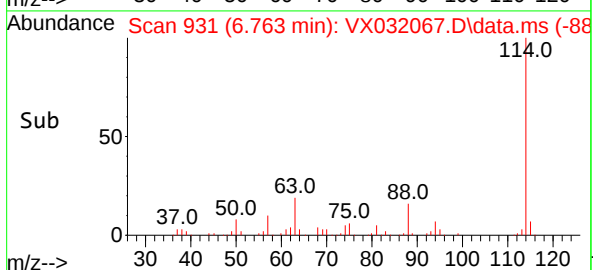
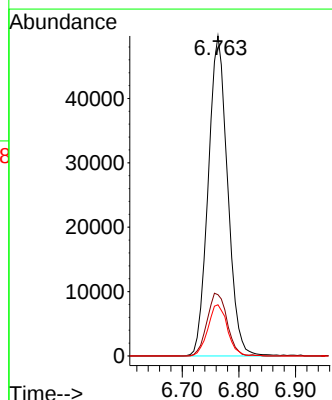
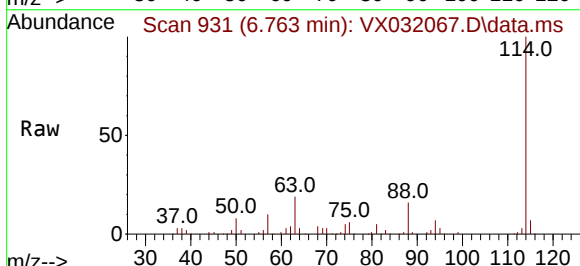
Tgt Ion: 114 Resp: 117920

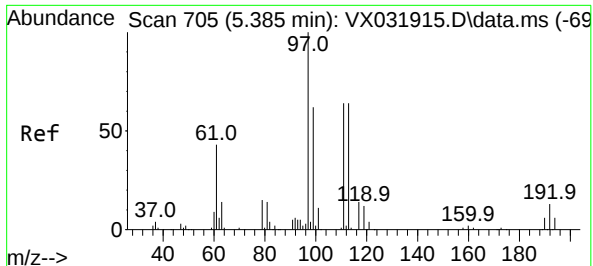
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.799 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032067.D

Acq: 12 Oct 2022 07:24

Instrument :

MSVOA_X

ClientSampleId :

B5(21-22)

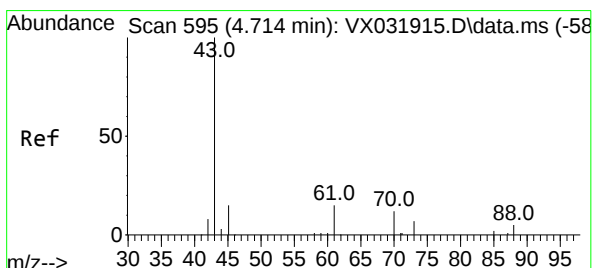
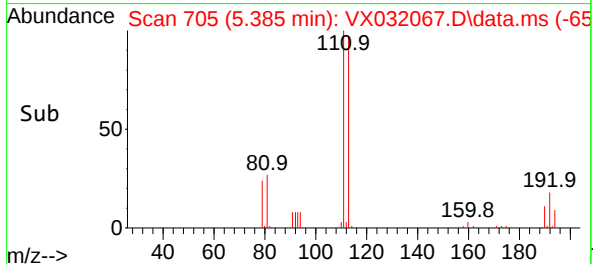
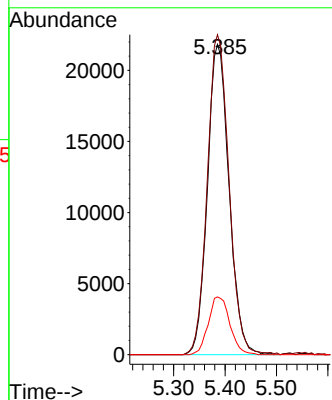
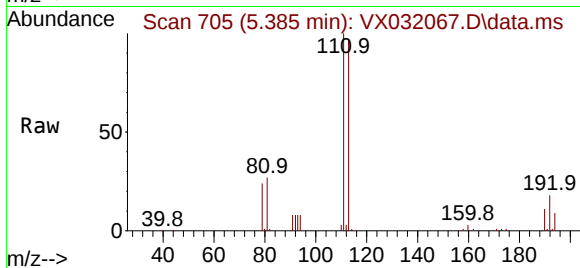
Tgt Ion:113 Resp: 63801

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 18.5 14.1 21.1



#37

Ethyl Acetate

Concen: 8.074 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.013 min

Lab File: VX032067.D

Acq: 12 Oct 2022 07:24

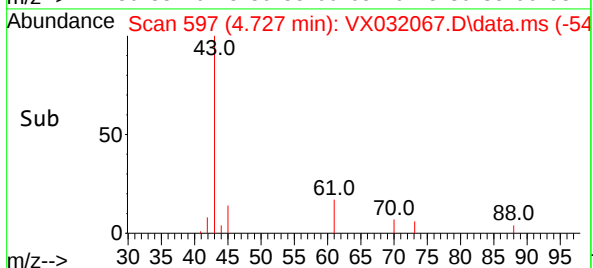
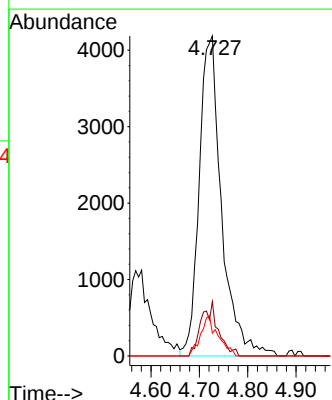
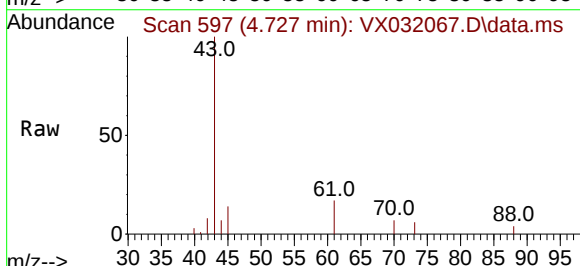
Tgt Ion: 43 Resp: 13454

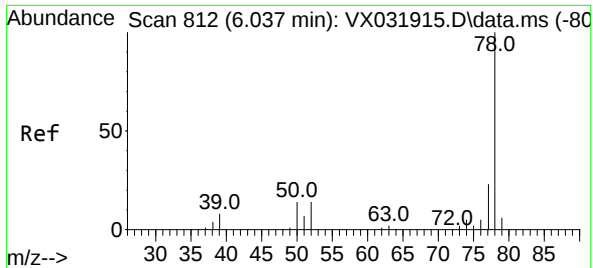
Ion Ratio Lower Upper

43 100

61 13.0 11.1 16.7

70 9.7 8.6 13.0

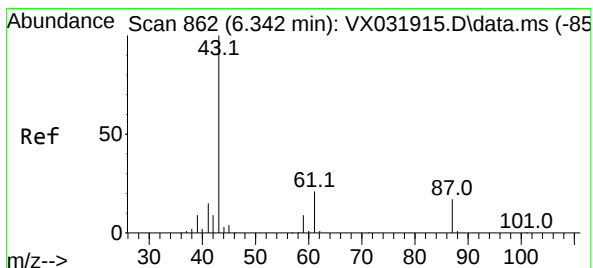
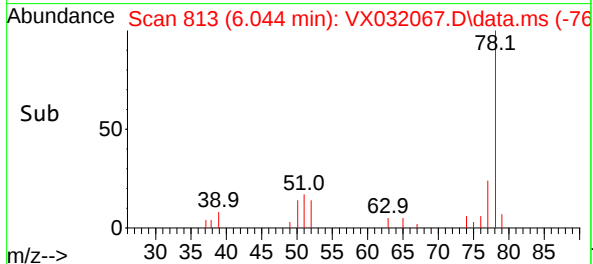
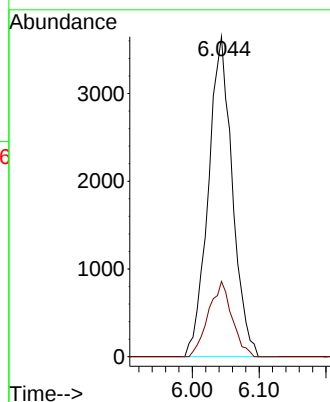
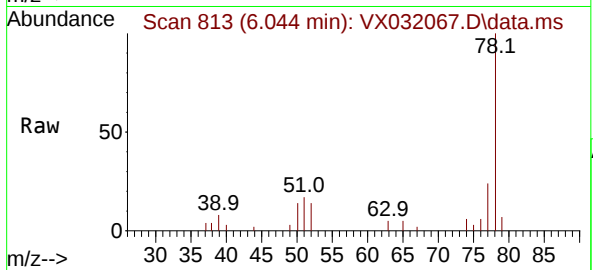




#40
Benzene
Concen: 1.757 ug/l m
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

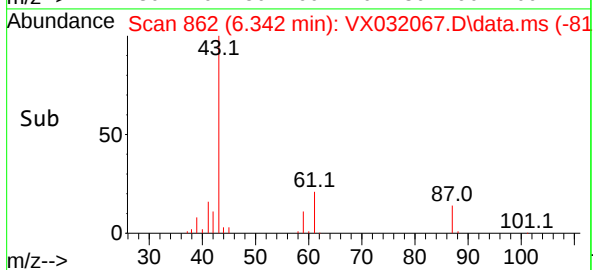
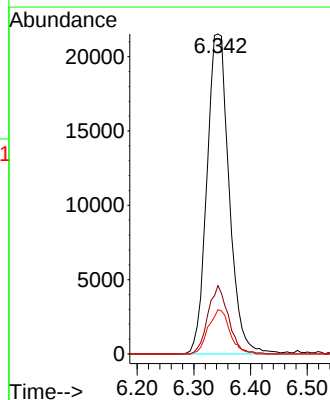
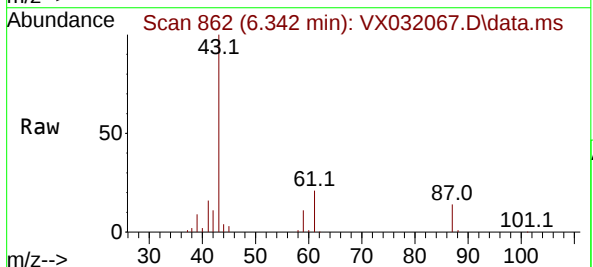
Instrument :
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B5(21-22)

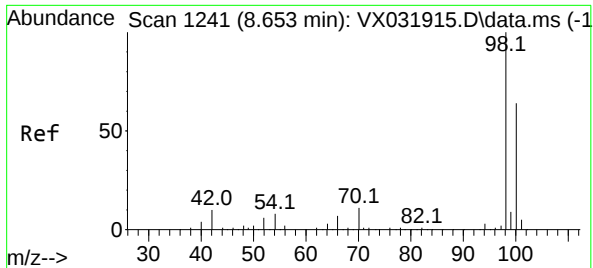
Tgt Ion: 78 Resp: 9104
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



#43
Isopropyl Acetate
Concen: 23.180 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

Tgt Ion: 43 Resp: 58605
Ion Ratio Lower Upper
43 100
61 19.7 15.3 22.9
87 13.4 10.6 15.8

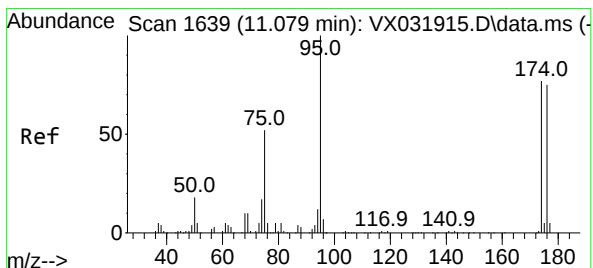
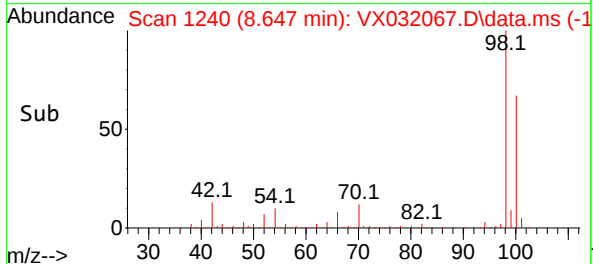
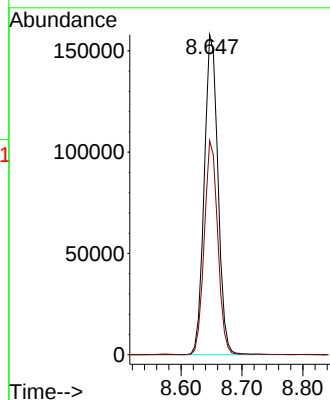
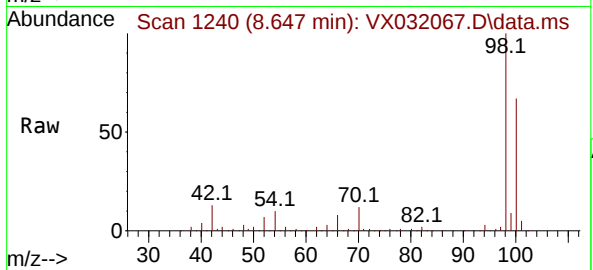




#50
Toluene-d8
Concen: 51.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

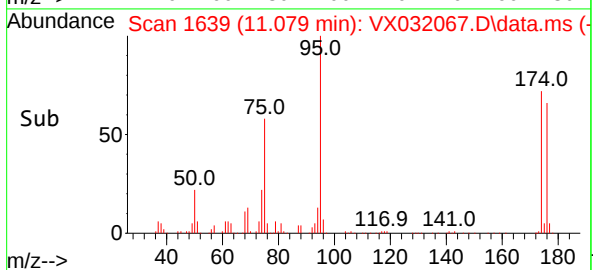
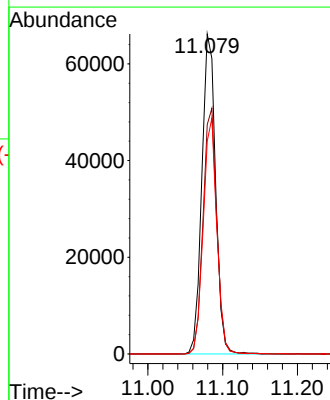
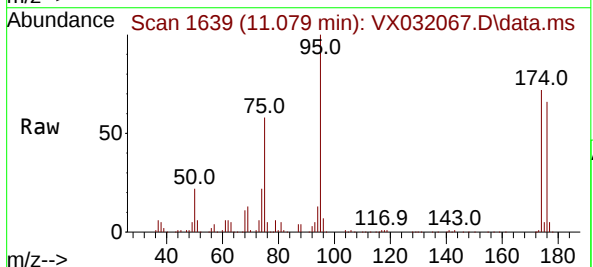
Instrument :
MSVOA_X
ClientSampleId :
B5(21-22)

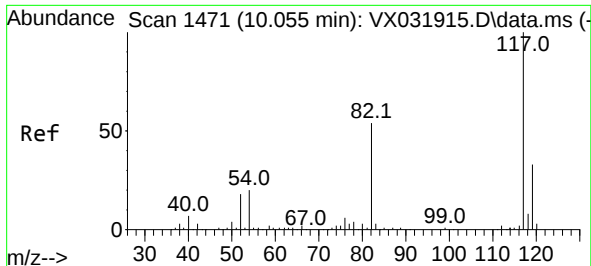
Tgt Ion: 98 Resp: 247235
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

Tgt Ion: 95 Resp: 84367
Ion Ratio Lower Upper
95 100
174 76.7 0.0 153.2
176 72.9 0.0 144.0

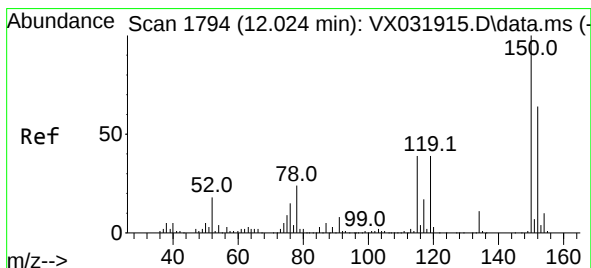
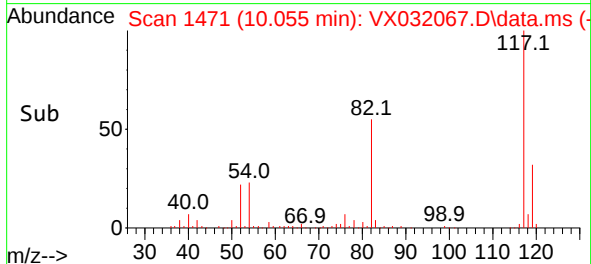
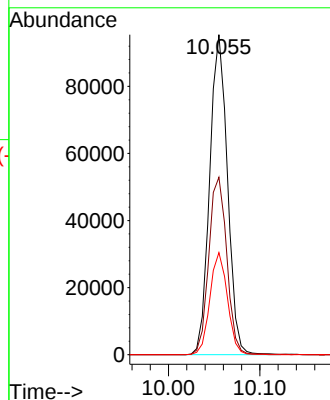
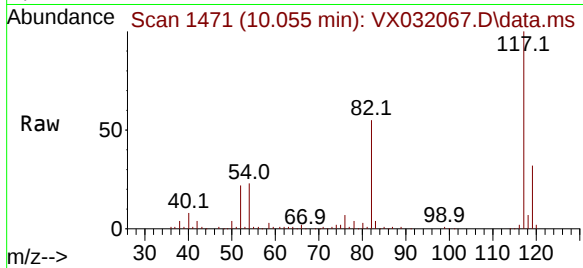




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

Instrument :
MSVOA_X
ClientSampleId :
B5(21-22)

Tgt Ion:117 Resp: 129155
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032067.D
Acq: 12 Oct 2022 07:24

Tgt Ion:152 Resp: 74556
Ion Ratio Lower Upper
152 100
115 62.5 43.4 130.1
150 158.1 0.0 346.8

