

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032181.D
 Acq On : 18 Oct 2022 01:57
 Operator : JC/MD
 Sample : N5159-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-45

Quant Time: Oct 18 04:35:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

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

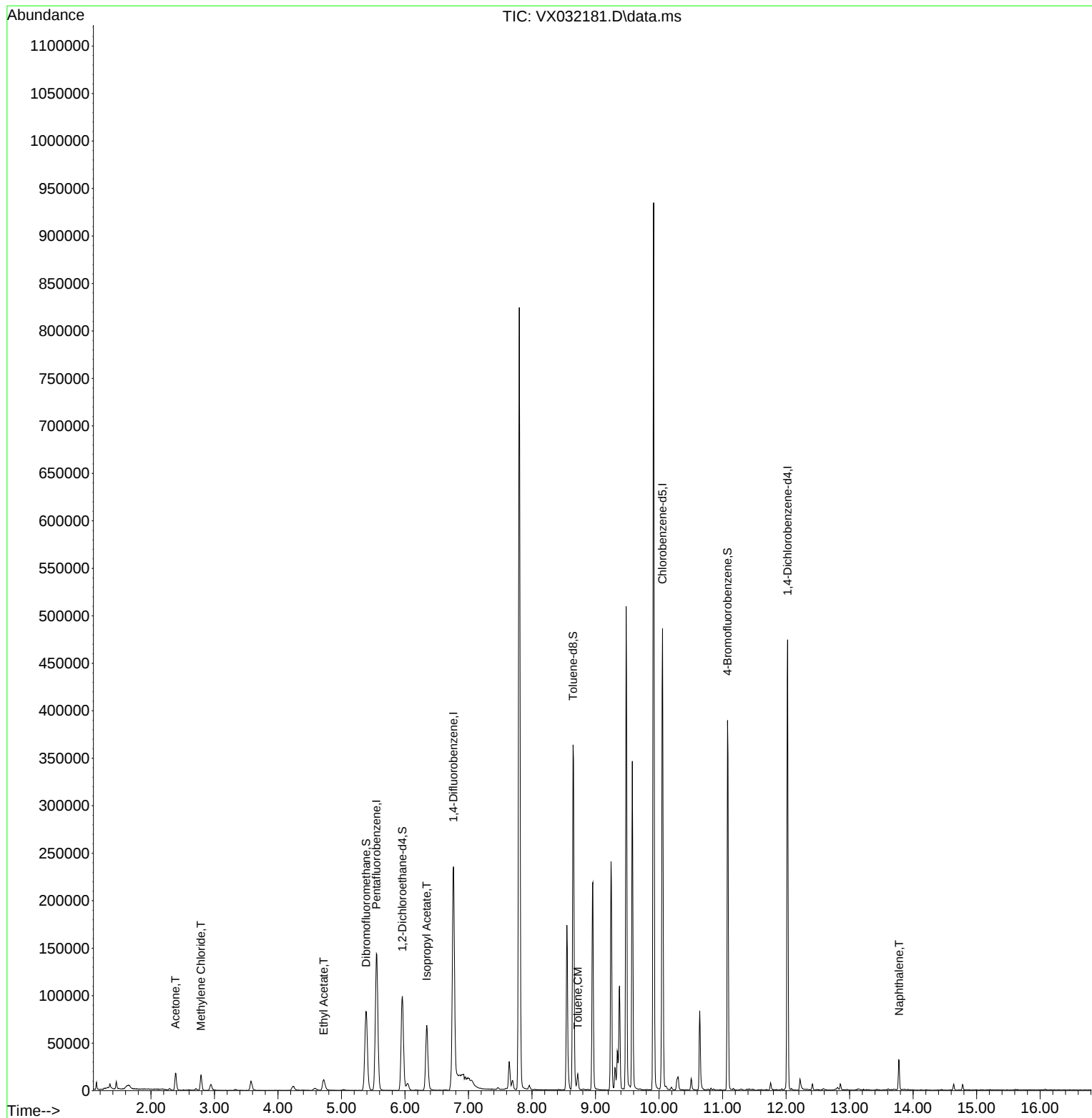
Internal Standards						
1) Pentafluorobenzene	5.550	168	124916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100668	50.599	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.200%
35) Dibromofluoromethane	5.385	113	71945	48.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	8.647	98	214319	40.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	81.940%#
62) 4-Bromofluorobenzene	11.079	95	99030	49.728	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.460%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	20859	43.604	ug/l	93
20) Methylene Chloride	2.788	84	6833	4.646	ug/l	99
37) Ethyl Acetate	4.721	43	20069	9.270	ug/l	99
43) Isopropyl Acetate	6.342	43	91848	28.153	ug/l	99
52) Toluene	8.720	92	5875	1.528	ug/l	98
95) Naphthalene	13.780	128	19794	3.417	ug/l	99

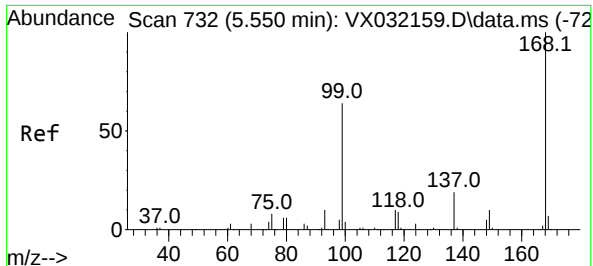
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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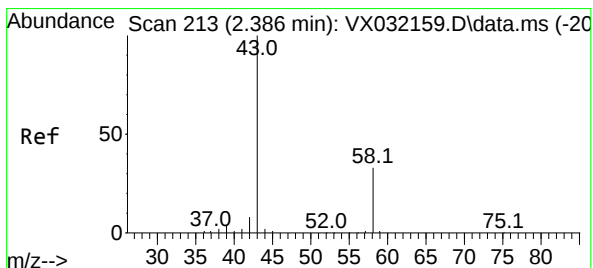
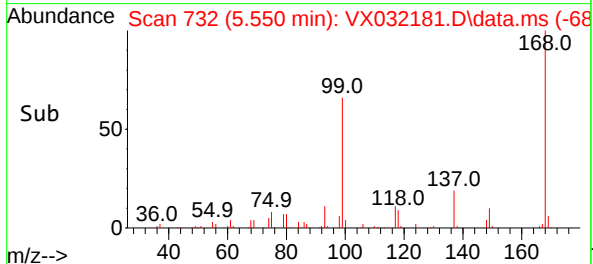
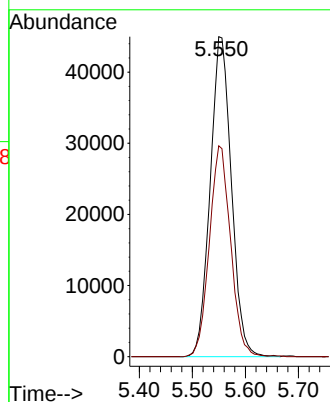
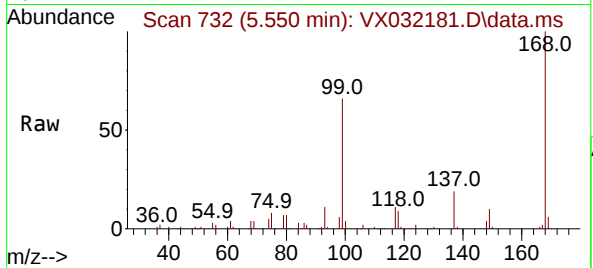




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX032181.D
Acq: 18 Oct 2022 01:57

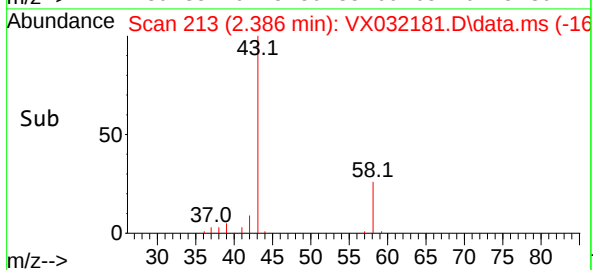
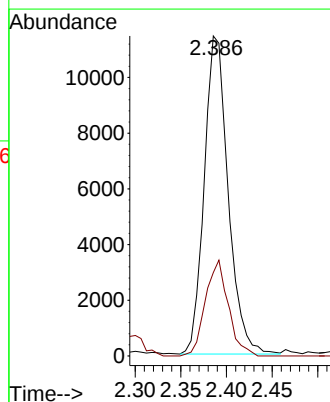
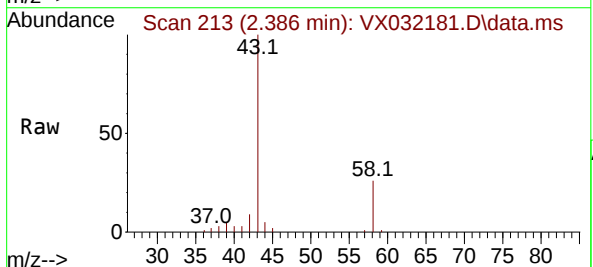
Instrument :
MSVOA_X
ClientSampleId :
SB-45

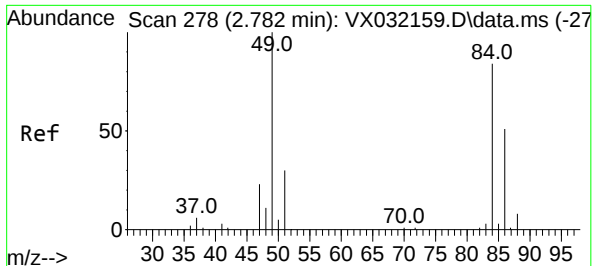
Tgt Ion:168 Resp: 124916
Ion Ratio Lower Upper
168 100
99 65.9 48.8 73.2



#16
Acetone
Concen: 43.604 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032181.D
Acq: 18 Oct 2022 01:57

Tgt Ion: 43 Resp: 20859
Ion Ratio Lower Upper
43 100
58 26.2 23.8 35.8





#20

Methylene Chloride

Concen: 4.646 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032181.D

Acq: 18 Oct 2022 01:57

Instrument :

MSVOA_X

ClientSampleId :

SB-45

Tgt Ion: 84 Resp: 6833

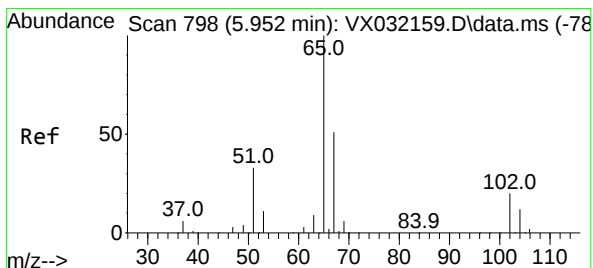
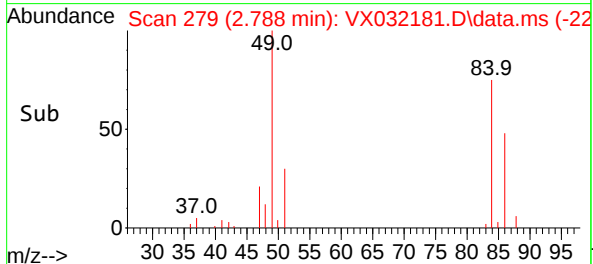
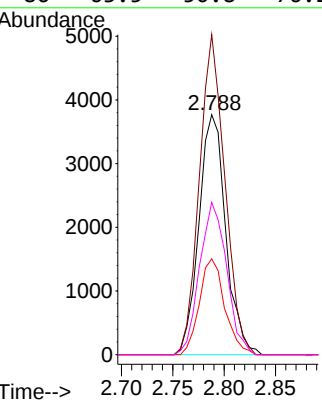
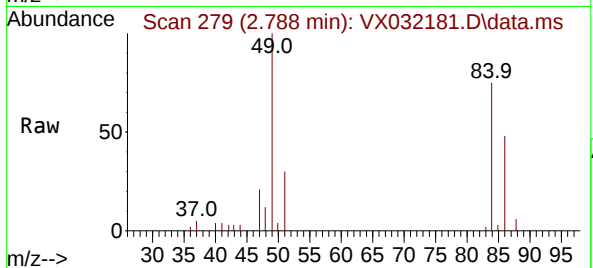
Ion Ratio Lower Upper

84 100

49 133.4 105.9 158.9

51 39.9 32.2 48.2

86 63.5 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 50.599 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX032181.D

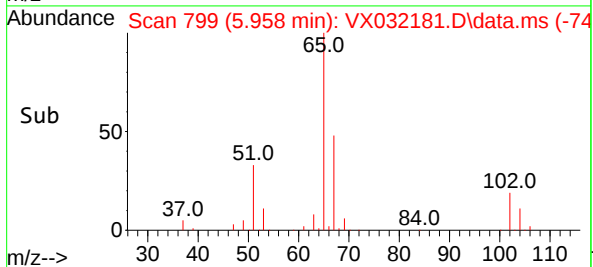
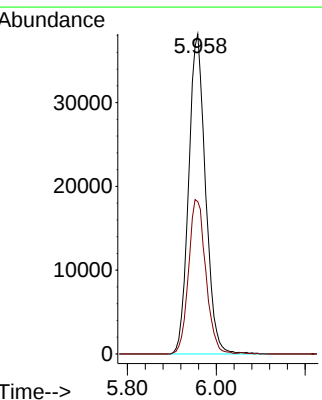
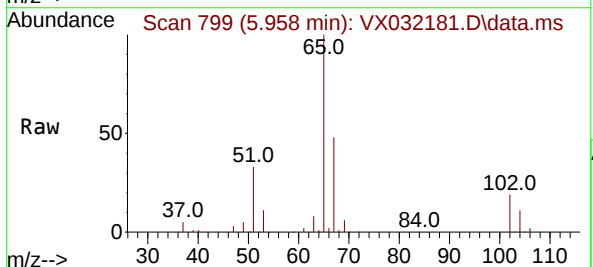
Acq: 18 Oct 2022 01:57

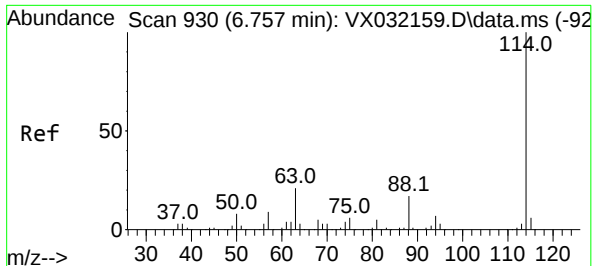
Tgt Ion: 65 Resp: 100668

Ion Ratio Lower Upper

65 100

67 49.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX032181.D

Acq: 18 Oct 2022 01:57

Instrument :

MSVOA_X

ClientSampleId :

SB-45

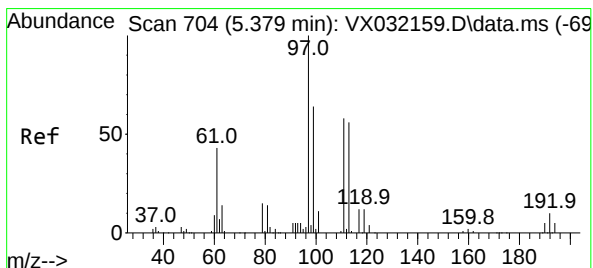
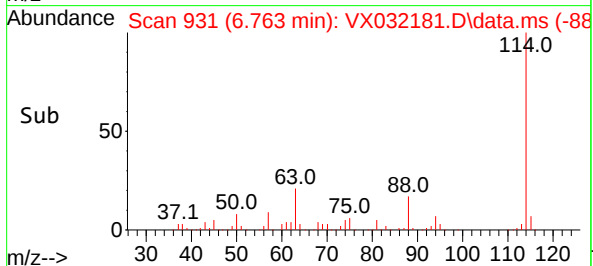
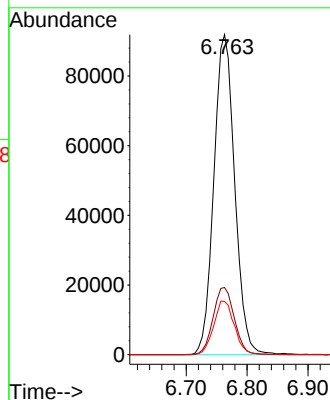
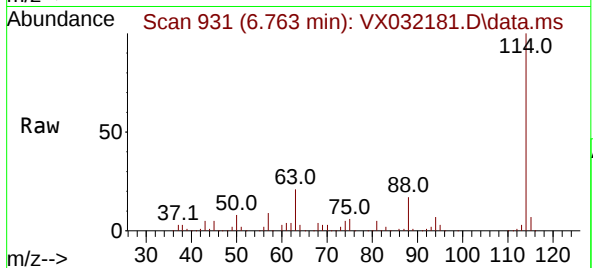
Tgt Ion:114 Resp: 218551

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.7 0.0 33.0



#35

Dibromofluoromethane

Concen: 48.246 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032181.D

Acq: 18 Oct 2022 01:57

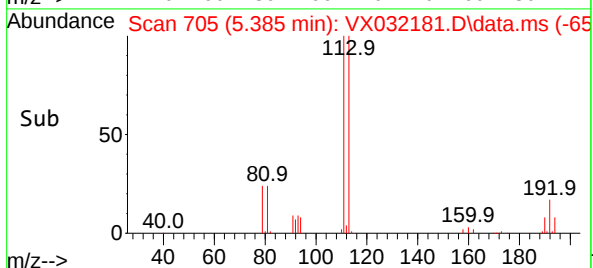
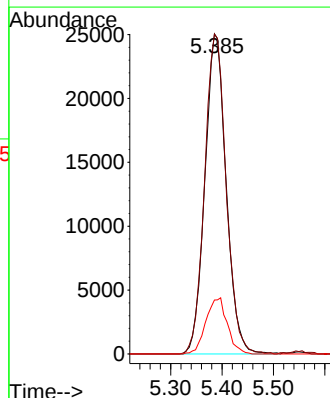
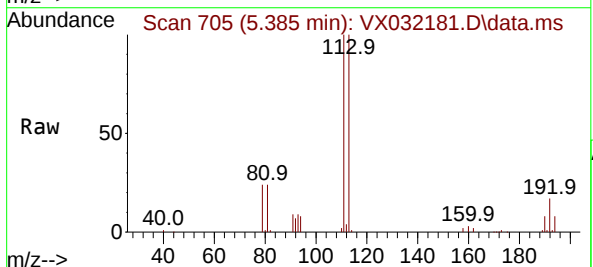
Tgt Ion:113 Resp: 71945

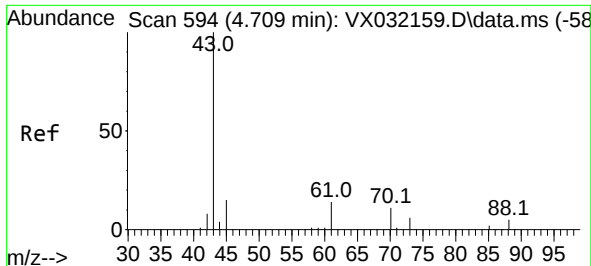
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.6 14.1 21.1





#37

Ethyl Acetate

Concen: 9.270 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX032181.D

Acq: 18 Oct 2022 01:57

Instrument :

MSVOA_X

ClientSampleId :

SB-45

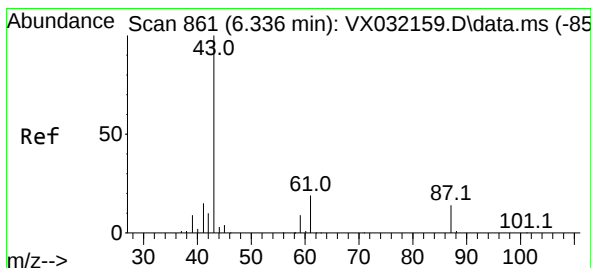
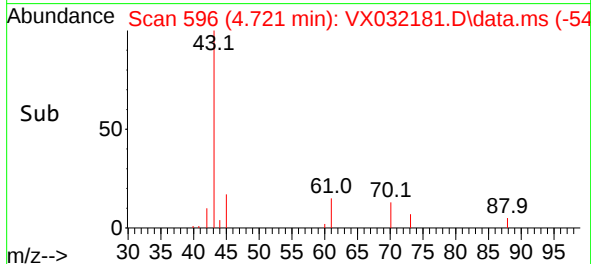
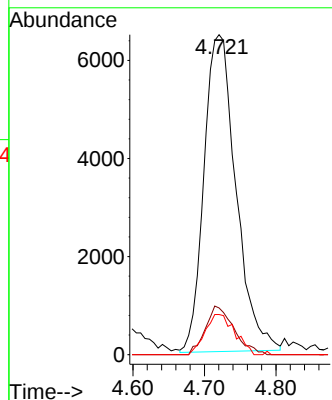
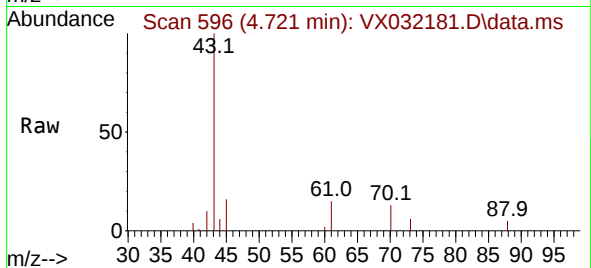
Tgt Ion: 43 Resp: 20069

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

70 11.8 8.6 13.0



#43

Isopropyl Acetate

Concen: 28.153 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX032181.D

Acq: 18 Oct 2022 01:57

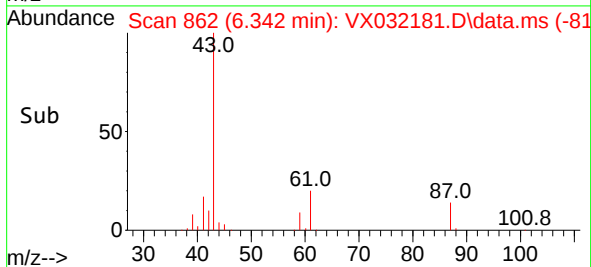
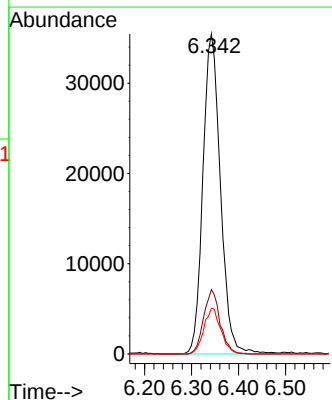
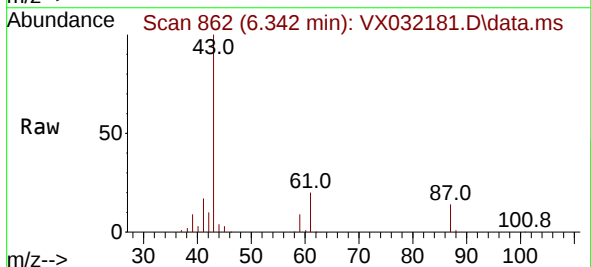
Tgt Ion: 43 Resp: 91848

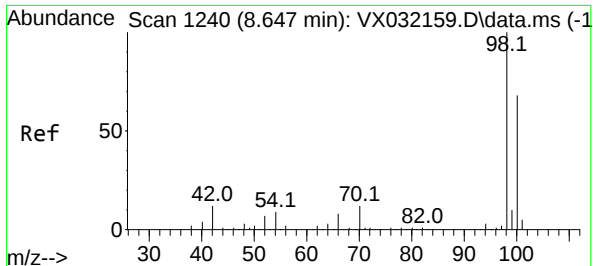
Ion Ratio Lower Upper

43 100

61 18.7 15.3 22.9

87 13.8 10.6 15.8





#50

Toluene-d8

Concen: 40.975 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032181.D

Acq: 18 Oct 2022 01:57

Instrument :

MSVOA_X

ClientSampleId :

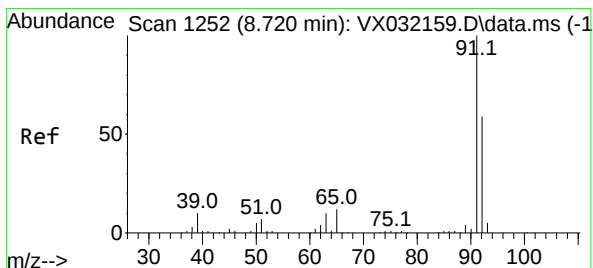
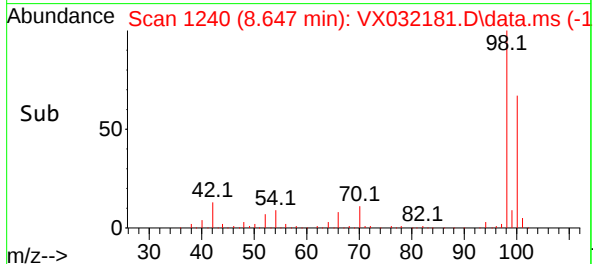
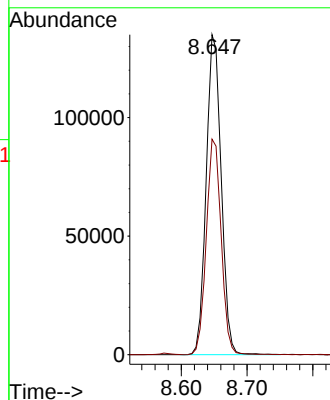
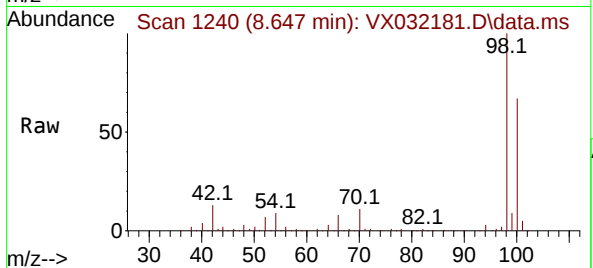
SB-45

Tgt Ion: 98 Resp: 214319

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7



#52

Toluene

Concen: 1.528 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032181.D

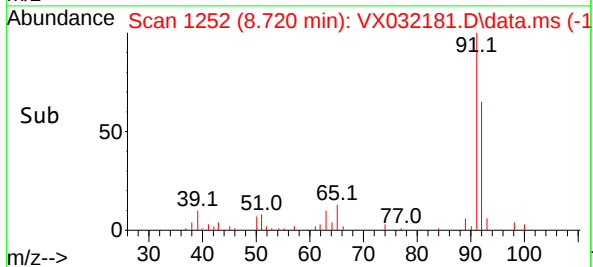
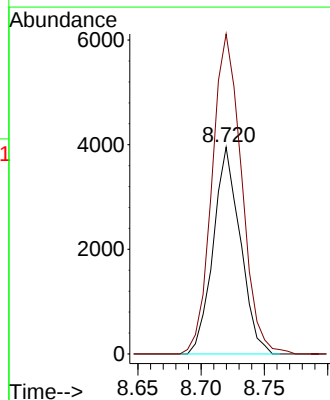
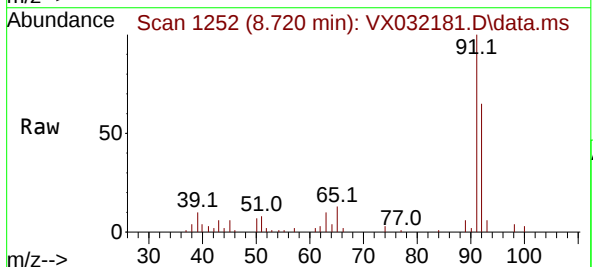
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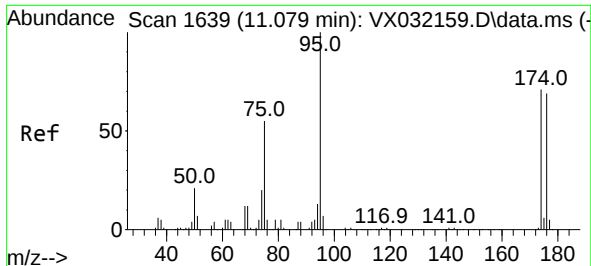
Tgt Ion: 92 Resp: 5875

Ion Ratio Lower Upper

92 100

91 169.2 137.1 205.7

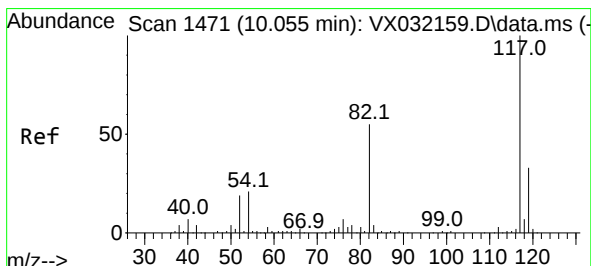
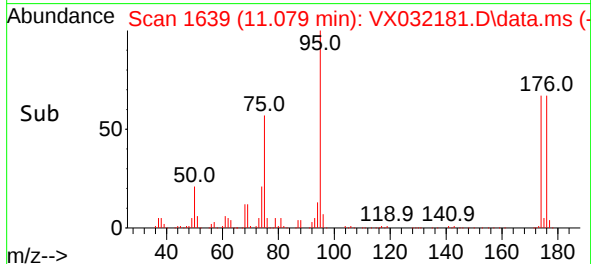
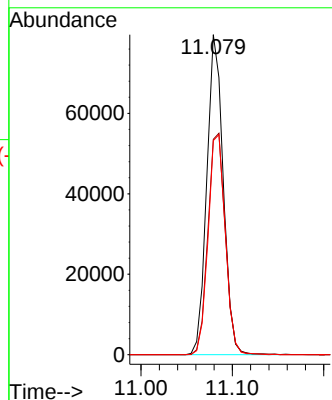
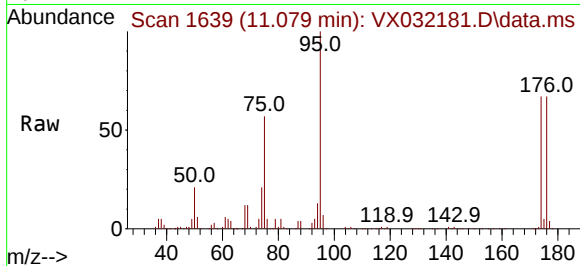




#62
4-Bromofluorobenzene
Concen: 49.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032181.D
Acq: 18 Oct 2022 01:57

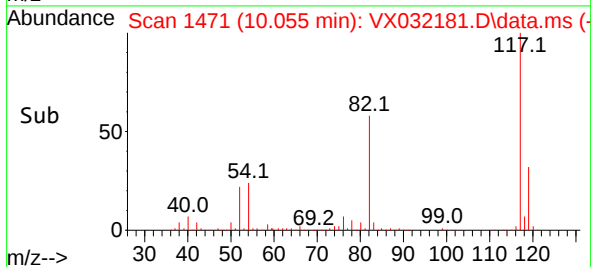
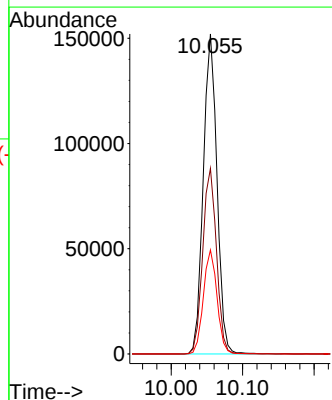
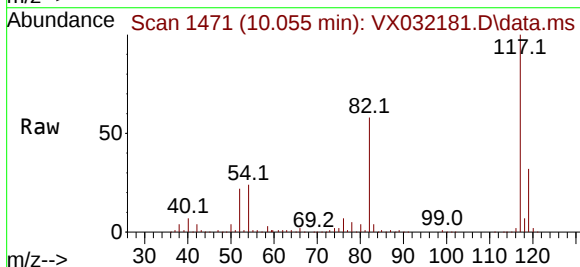
Instrument :
MSVOA_X
ClientSampleId :
SB-45

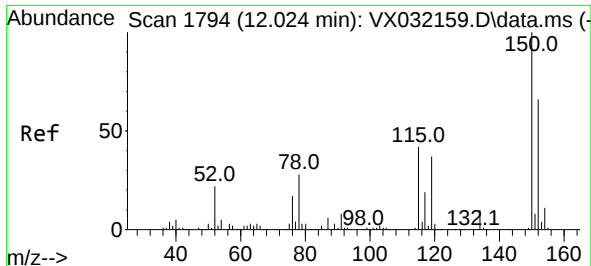
Tgt Ion: 95 Resp: 99030
Ion Ratio Lower Upper
95 100
174 73.3 0.0 153.2
176 71.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032181.D
Acq: 18 Oct 2022 01:57

Tgt Ion: 117 Resp: 202313
Ion Ratio Lower Upper
117 100
82 58.0 46.8 70.2
119 32.5 26.4 39.6

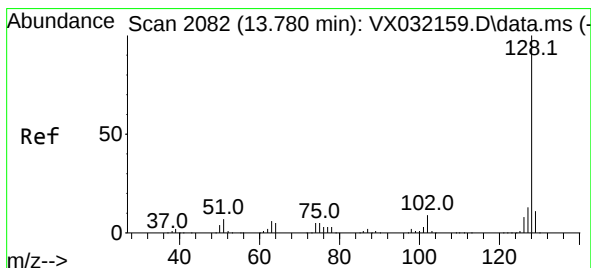
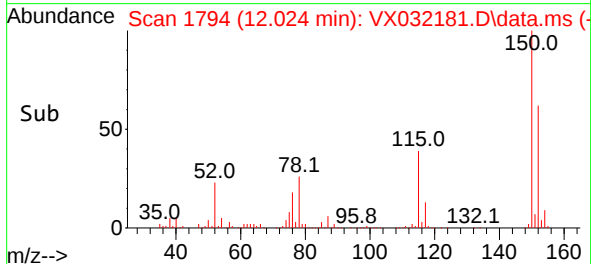
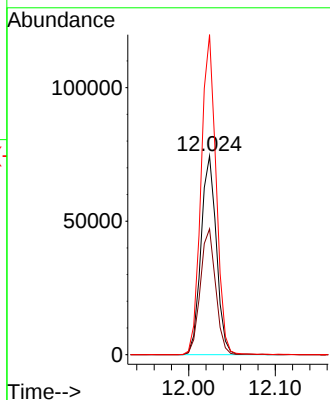
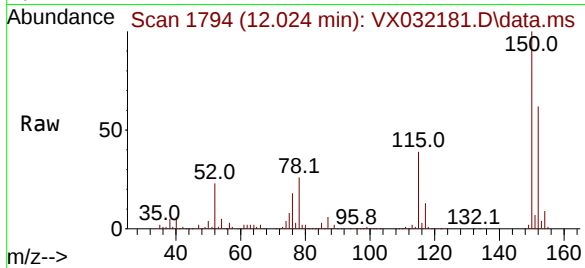




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032181.D
Acq: 18 Oct 2022 01:57

Instrument :
MSVOA_X
ClientSampleId :
SB-45

Tgt Ion:152 Resp: 91812
Ion Ratio Lower Upper
152 100
115 63.2 43.4 130.1
150 157.5 0.0 346.8



#95
Naphthalene
Concen: 3.417 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032181.D
Acq: 18 Oct 2022 01:57

Tgt Ion:128 Resp: 19794
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.8 8.8 13.2

