

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031120.D
 Acq On : 04 Sep 2022 06:41
 Operator : JC/MD
 Sample : N4479-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13

Quant Time: Sep 06 01:33:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

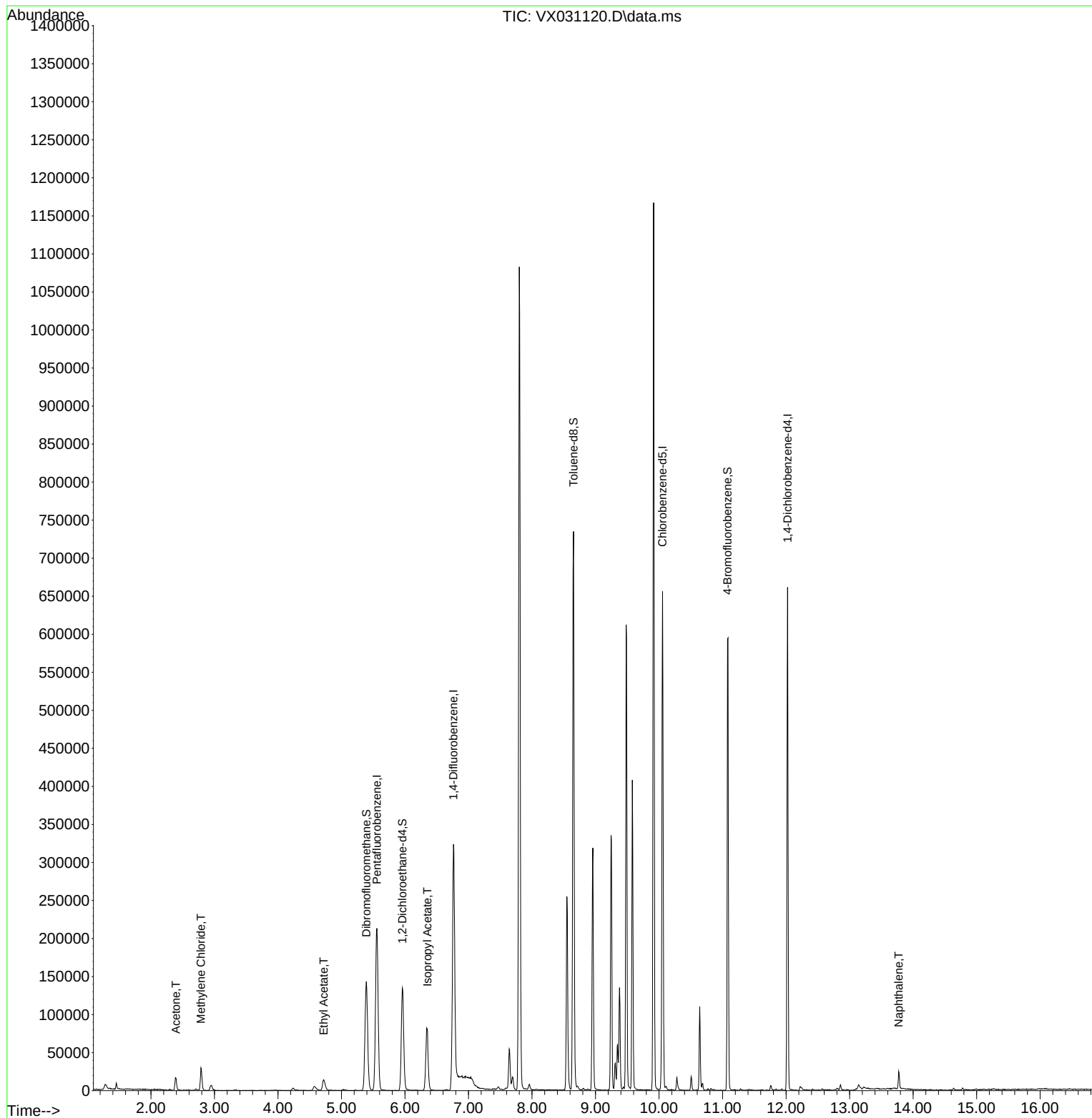
Internal Standards						
1) Pentafluorobenzene	5.556	168	219791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	340134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135318	47.849	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.700%
35) Dibromofluoromethane	5.391	113	129940	52.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	8.653	98	458985	50.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	164720	51.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.100%
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	19947	18.270	ug/l	99
20) Methylene Chloride	2.788	84	14492	3.414	ug/l	86
37) Ethyl Acetate	4.720	43	24119	7.984	ug/l #	93
43) Isopropyl Acetate	6.354	43	106506	22.559	ug/l #	90
95) Naphthalene	13.774	128	15339	1.161	ug/l	98

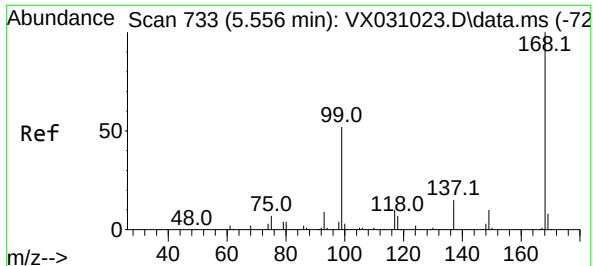
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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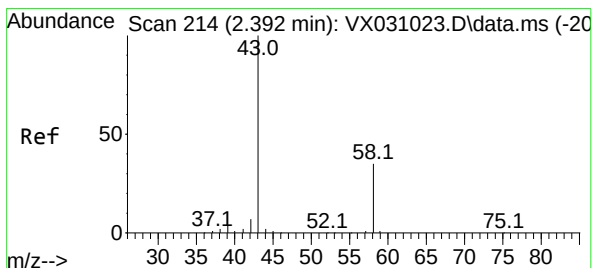
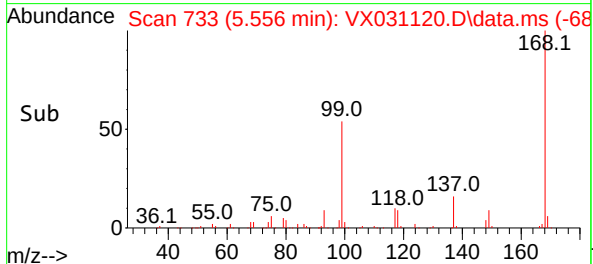
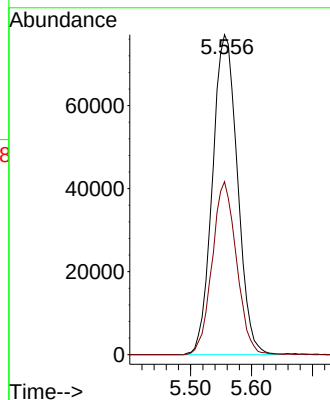
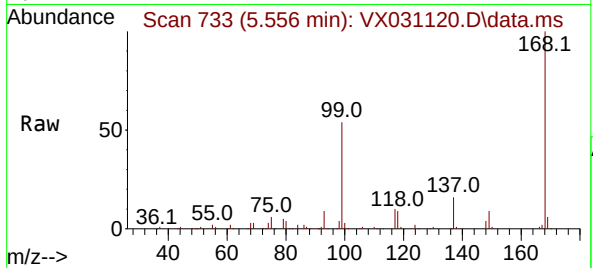




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031120.D
Acq: 04 Sep 2022 06:41

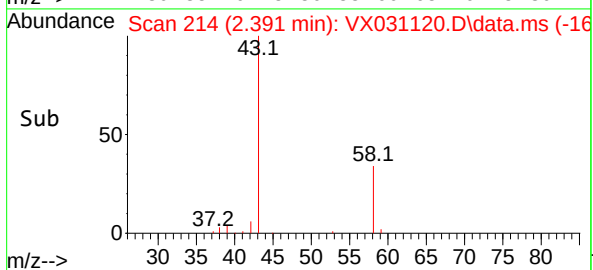
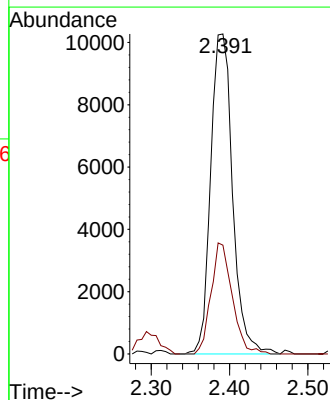
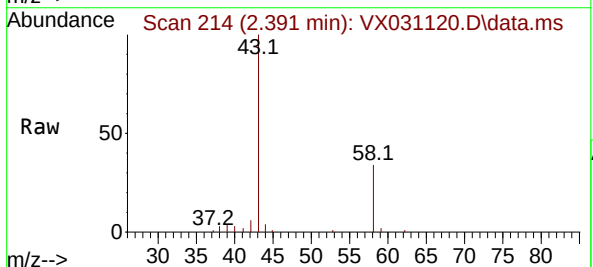
Instrument :
MSVOA_X
ClientSampleId :
SB-13

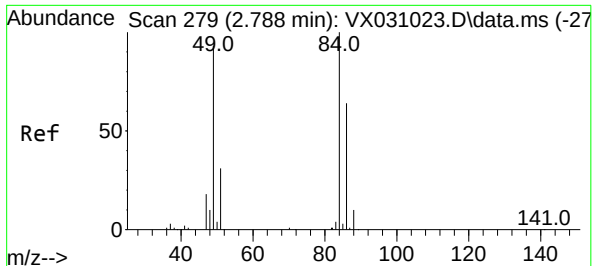
Tgt Ion:168 Resp: 219791
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#16
Acetone
Concen: 18.270 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.005 min
Lab File: VX031120.D
Acq: 04 Sep 2022 06:41

Tgt Ion: 43 Resp: 19947
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5





#20

Methylene Chloride

Concen: 3.414 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031120.D

Acq: 04 Sep 2022 06:41

Instrument :

MSVOA_X

ClientSampleId :

SB-13

Tgt Ion: 84 Resp: 14492

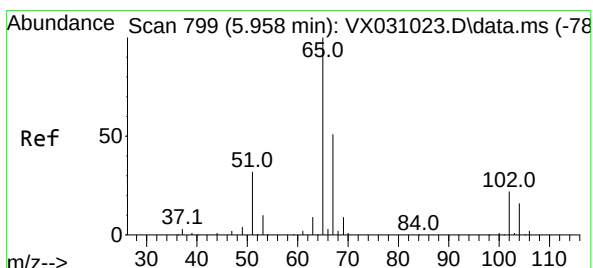
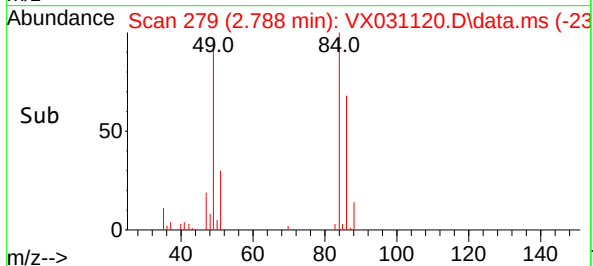
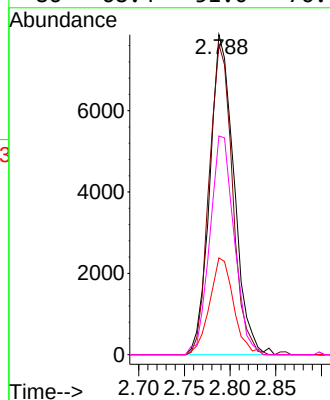
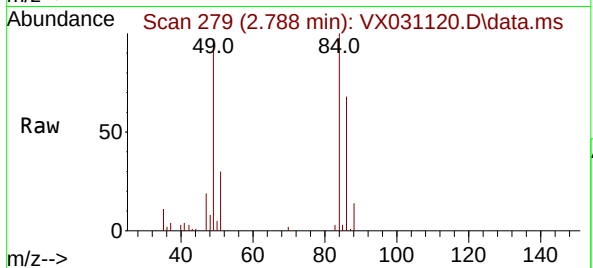
Ion Ratio Lower Upper

84 100

49 97.0 93.8 140.6

51 30.3 29.4 44.0

86 68.4 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: 47.849 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031120.D

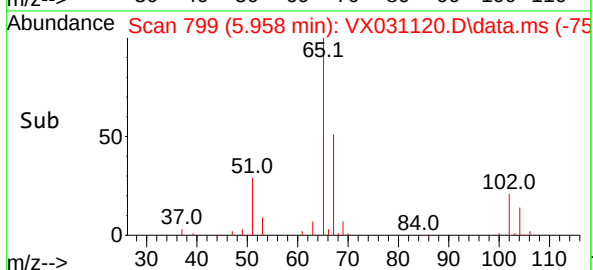
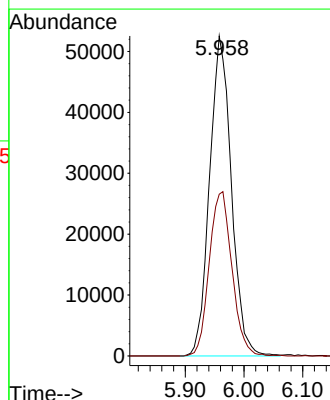
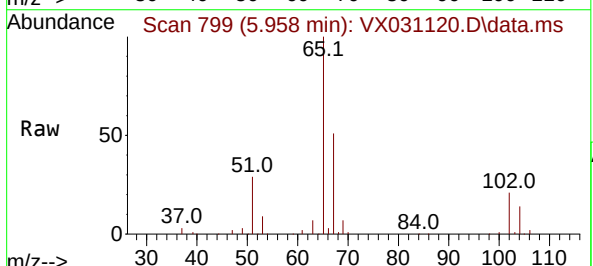
Acq: 04 Sep 2022 06:41

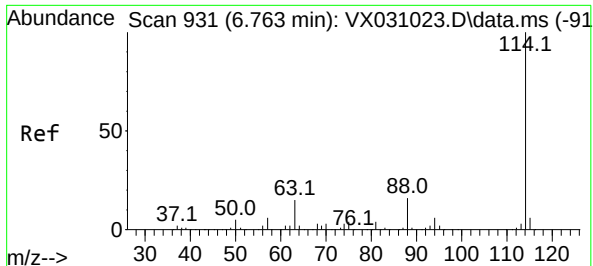
Tgt Ion: 65 Resp: 135318

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6

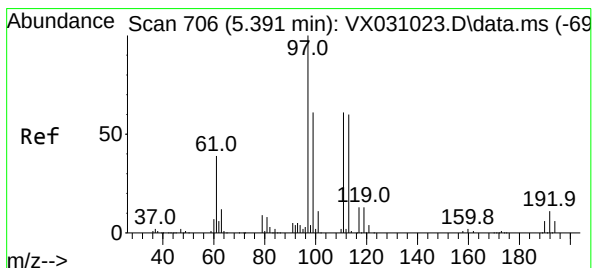
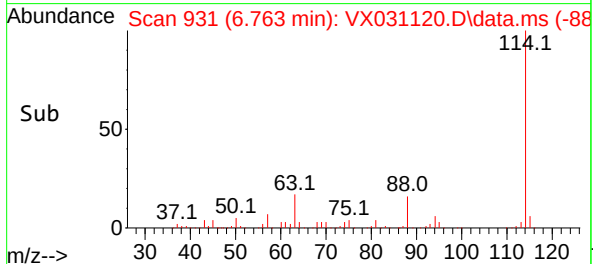
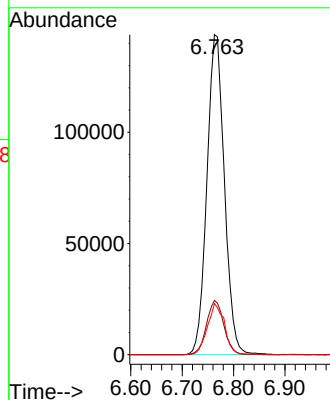
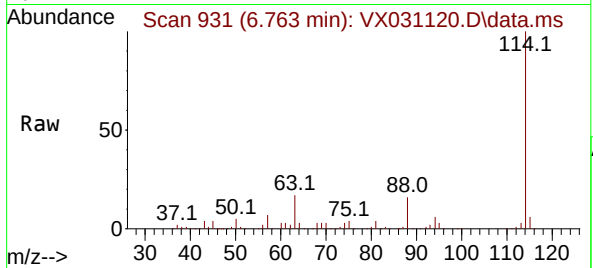




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX031120.D
Acq: 04 Sep 2022 06:41

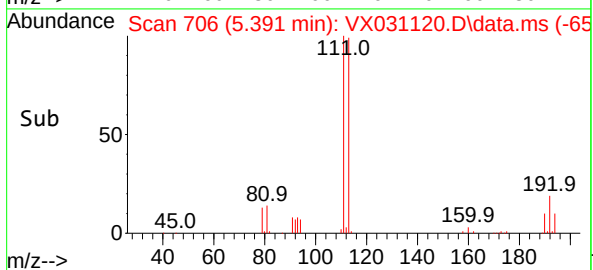
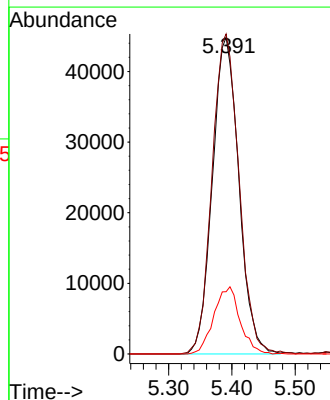
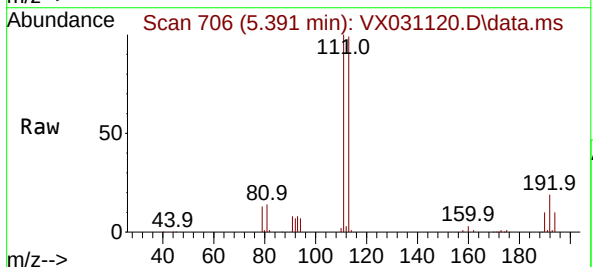
Instrument :
MSVOA_X
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SB-13

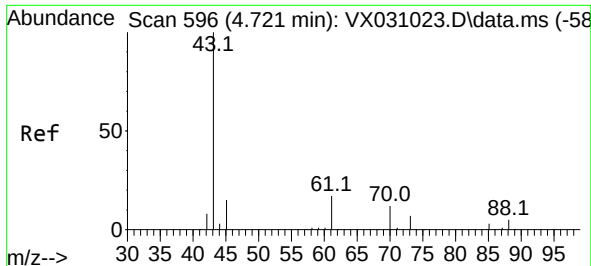
Tgt Ion:114 Resp: 340134
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.4
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.349 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031120.D
Acq: 04 Sep 2022 06:41

Tgt Ion:113 Resp: 129940
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 21.0 14.8 22.2





#37

Ethyl Acetate

Concen: 7.984 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.001 min

Lab File: VX031120.D

Acq: 04 Sep 2022 06:41

Instrument :

MSVOA_X

ClientSampleId :

SB-13

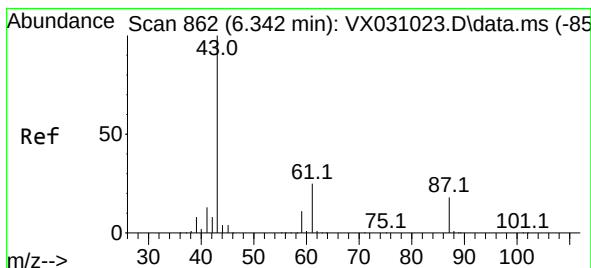
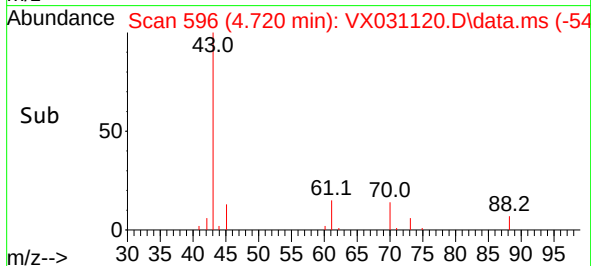
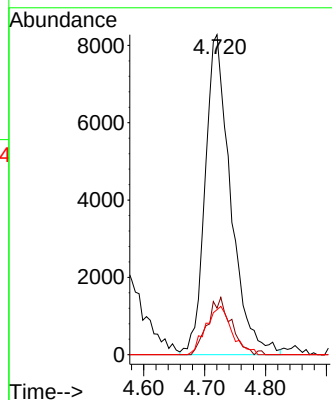
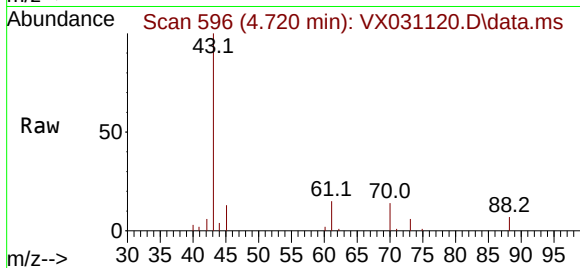
Tgt Ion: 43 Resp: 24119

Ion Ratio Lower Upper

43 100

61 16.4 11.7 17.5

70 15.4 9.3 13.9#



#43

Isopropyl Acetate

Concen: 22.559 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX031120.D

Acq: 04 Sep 2022 06:41

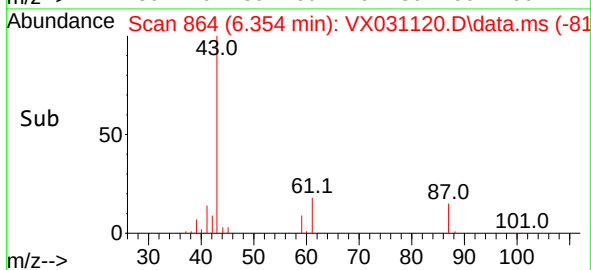
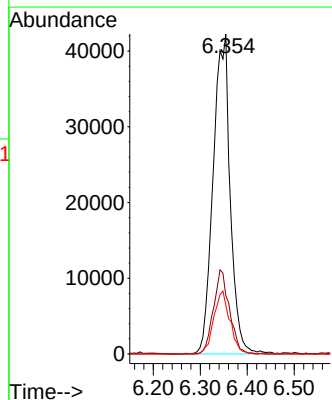
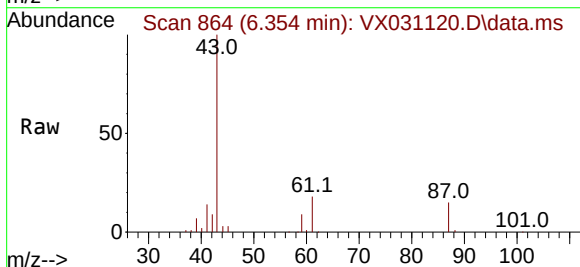
Tgt Ion: 43 Resp: 106506

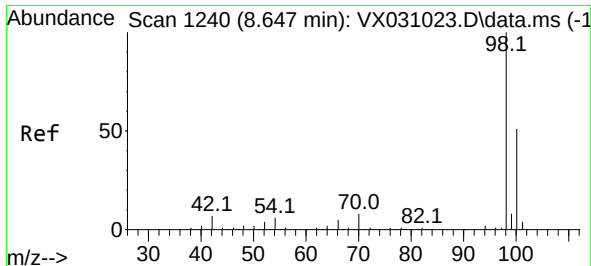
Ion Ratio Lower Upper

43 100

61 24.6 16.5 24.7

87 18.6 11.1 16.7#

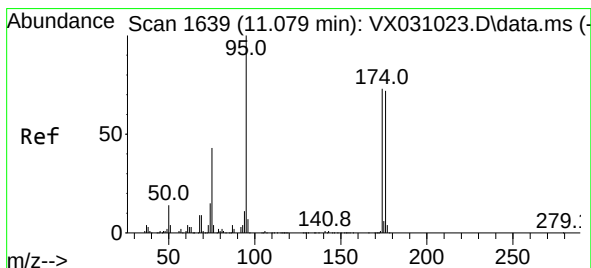
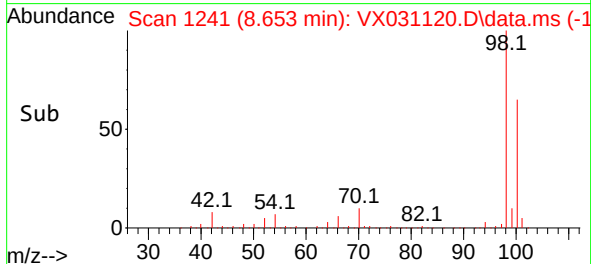
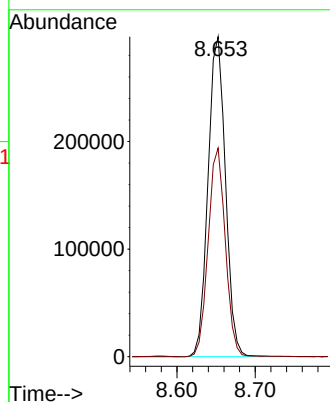
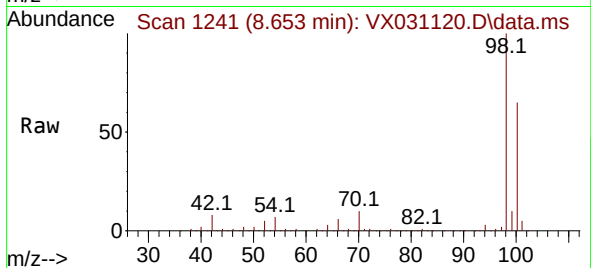




#50
Toluene-d8
Concen: 50.243 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031120.D
Acq: 04 Sep 2022 06:41

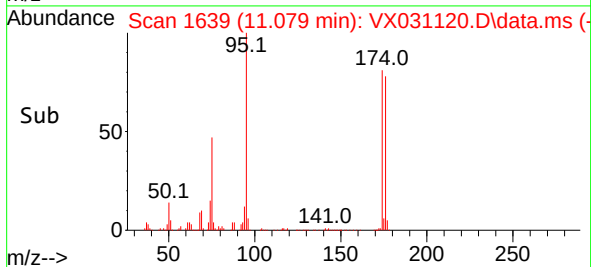
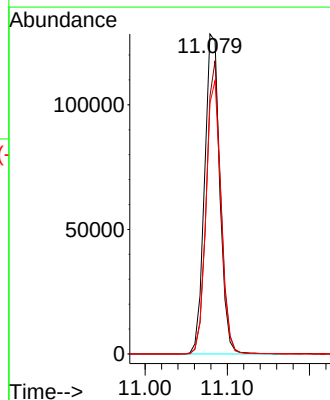
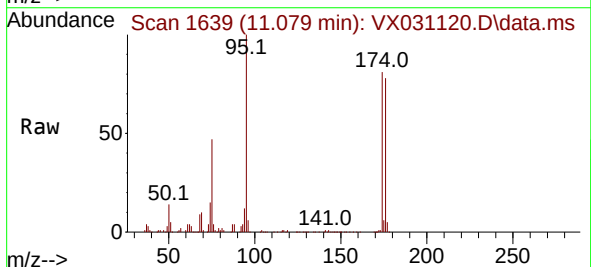
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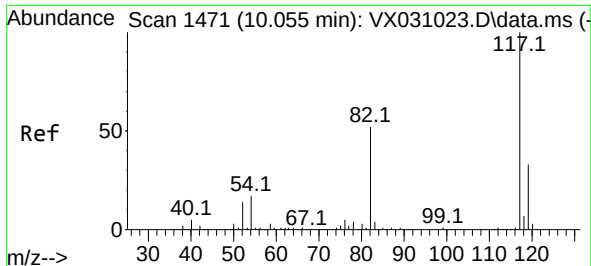
Tgt Ion: 98 Resp: 458985
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031120.D
Acq: 04 Sep 2022 06:41

Tgt Ion: 95 Resp: 164720
Ion Ratio Lower Upper
95 100
174 87.5 0.0 149.0
176 84.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031120.D

Acq: 04 Sep 2022 06:41

Instrument :

MSVOA_X

ClientSampleId :

SB-13

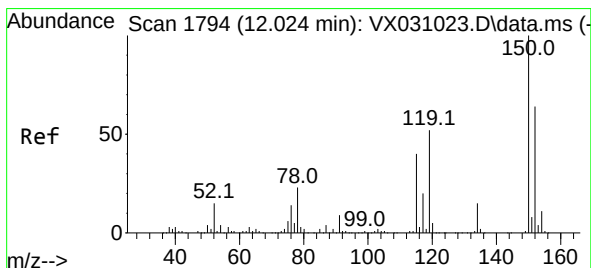
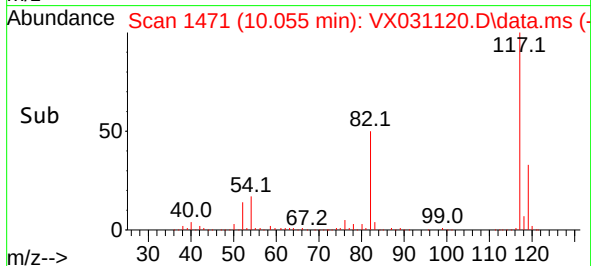
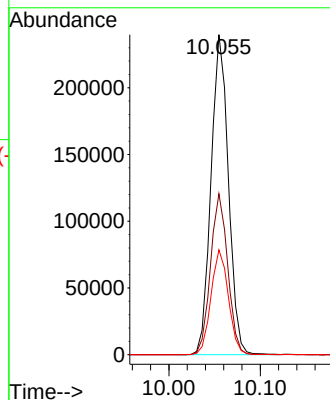
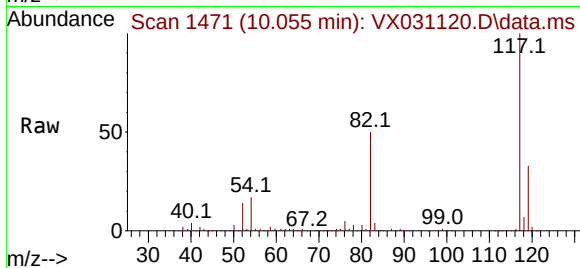
Tgt Ion:117 Resp: 315803

Ion Ratio Lower Upper

117 100

82 50.3 42.7 64.1

119 32.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX031120.D

Acq: 04 Sep 2022 06:41

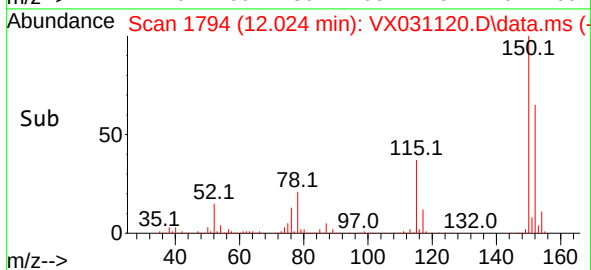
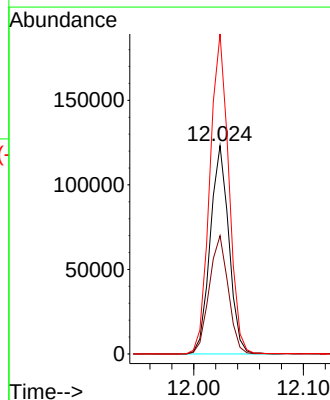
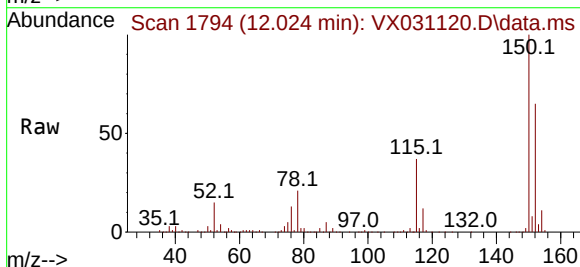
Tgt Ion:152 Resp: 145700

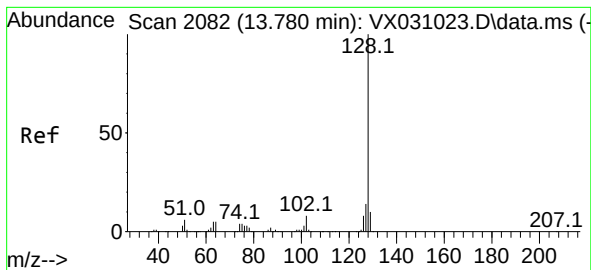
Ion Ratio Lower Upper

152 100

115 57.8 40.5 121.5

150 155.7 0.0 347.0





#95

Naphthalene

Concen: 1.161 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031120.D

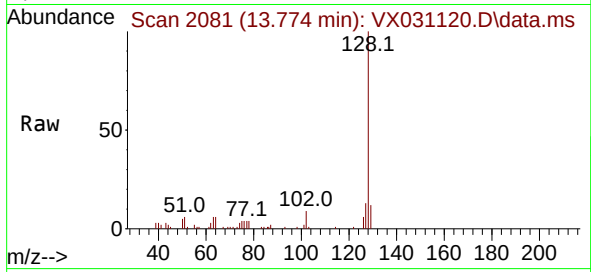
Acq: 04 Sep 2022 06:41

Instrument :

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ClientSampleId :

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Tgt Ion:128 Resp: 15339

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.5 8.6 13.0

