

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031144.D
 Acq On : 06 Sep 2022 21:30
 Operator : JC/MD
 Sample : N4479-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14

Quant Time: Sep 07 01:15:23 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)

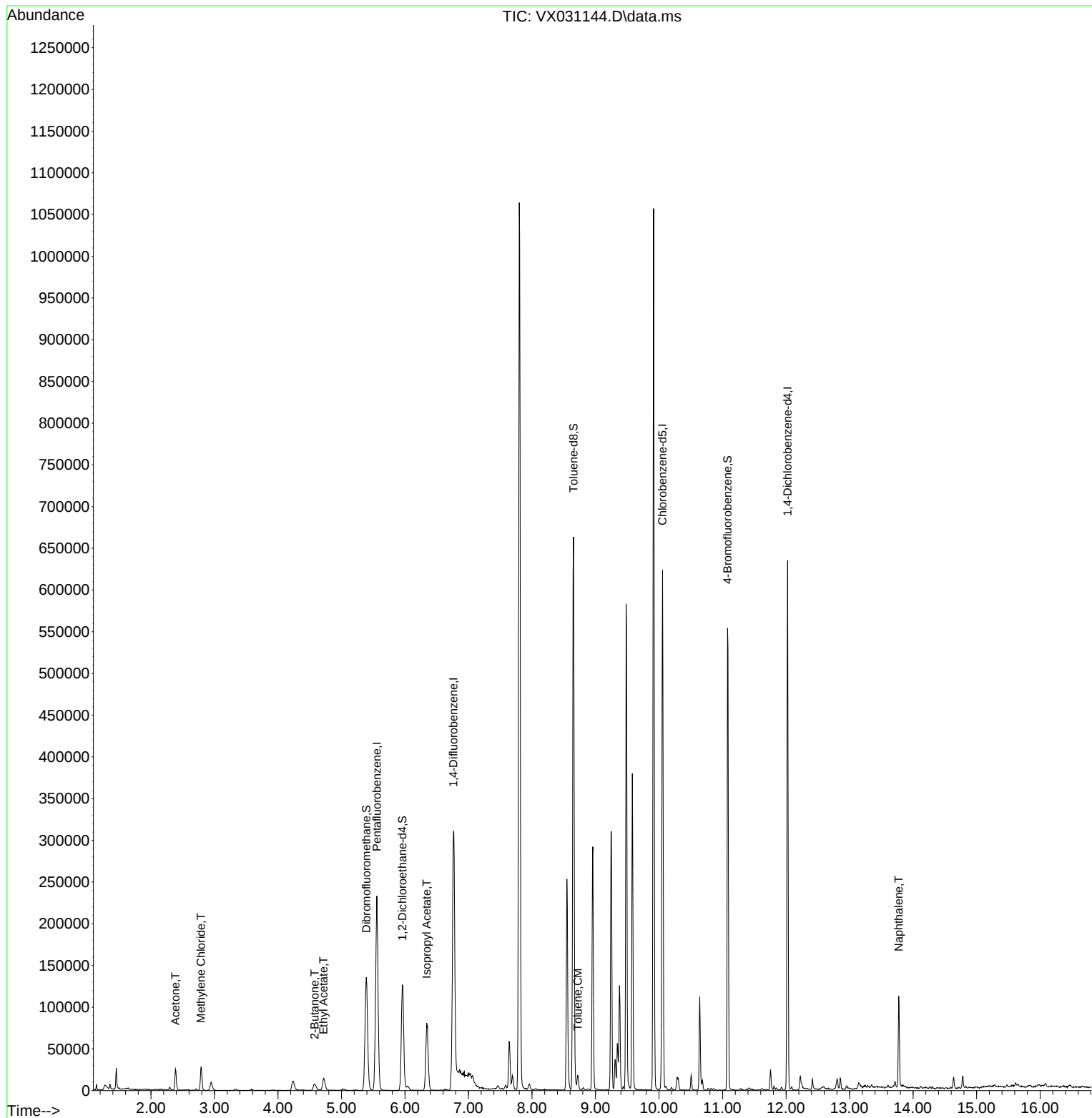
Internal Standards						
1) Pentafluorobenzene	5.556	168	225134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129586	44.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	5.391	113	121027	49.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.653	98	433289	47.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	155964	48.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.480%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	26680	23.858	ug/l	92
20) Methylene Chloride	2.788	84	14312	3.209	ug/l #	80
25) 2-Butanone	4.574	43	8859	5.131	ug/l #	87
37) Ethyl Acetate	4.715	43	24253	8.095	ug/l #	91
43) Isopropyl Acetate	6.342	43	107746	23.012	ug/l #	92
52) Toluene	8.720	92	6595	1.027	ug/l	97
95) Naphthalene	13.774	128	71746	5.637	ug/l	98

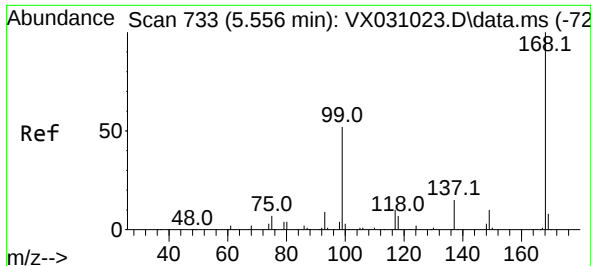
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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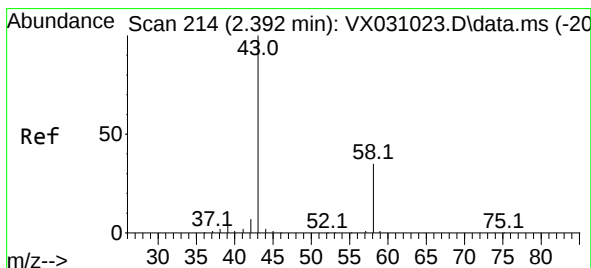
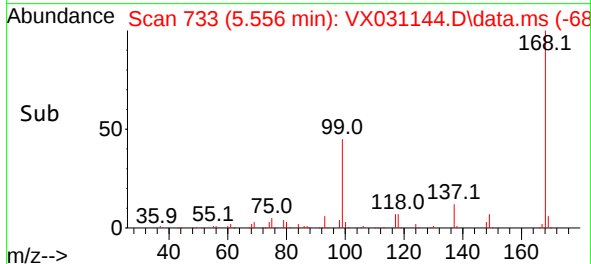
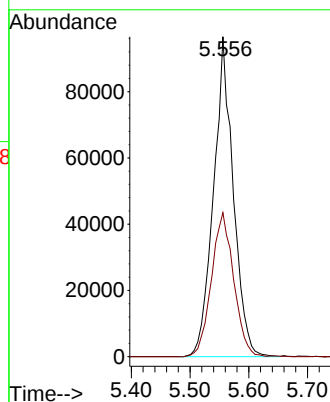
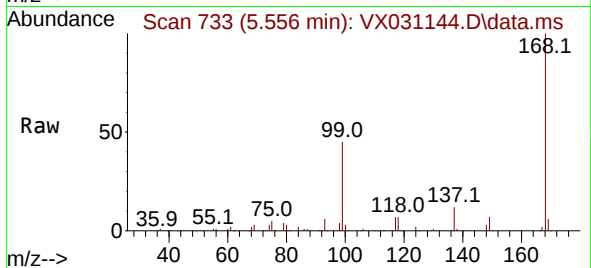




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

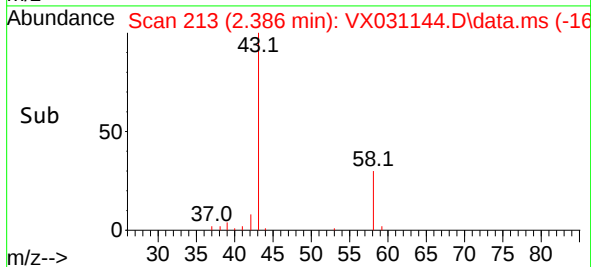
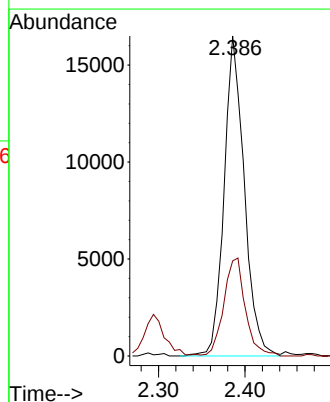
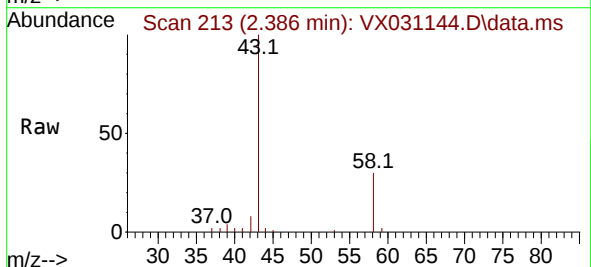
Instrument :
MSVOA_X
ClientSampleId :
SB-14

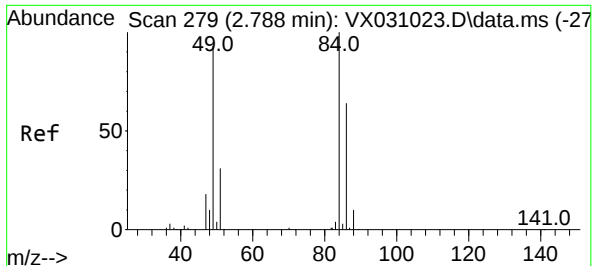
Tgt Ion:168 Resp: 225134
Ion Ratio Lower Upper
168 100
99 45.0 44.0 66.0



#16
Acetone
Concen: 23.858 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

Tgt Ion: 43 Resp: 26680
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5





#20

Methylene Chloride

Concen: 3.209 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031144.D

Acq: 06 Sep 2022 21:30

Instrument :

MSVOA_X

ClientSampleId :

SB-14

Tgt Ion: 84 Resp: 14312

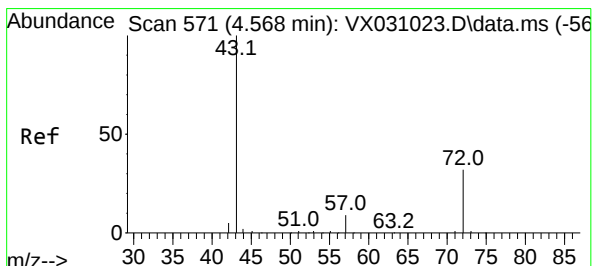
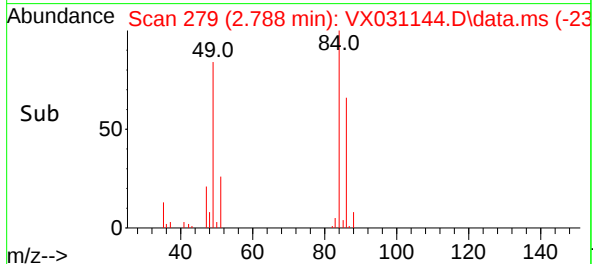
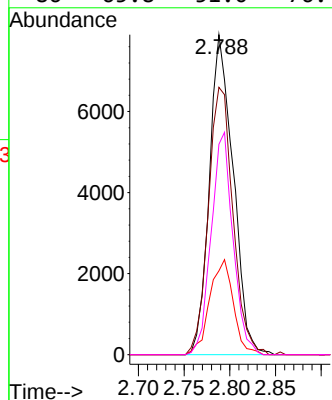
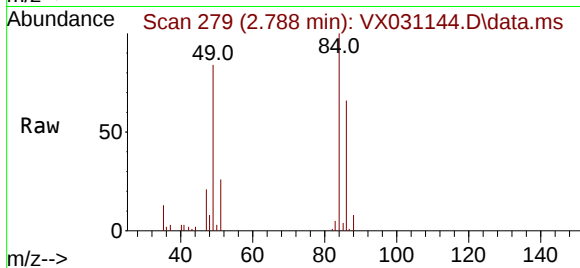
Ion Ratio Lower Upper

84 100

49 83.6 93.8 140.6#

51 26.2 29.4 44.0#

86 65.8 51.0 76.4



#25

2-Butanone

Concen: 5.131 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX031144.D

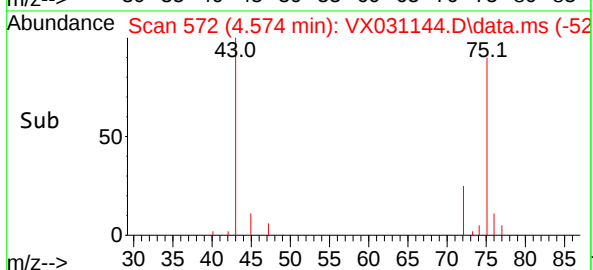
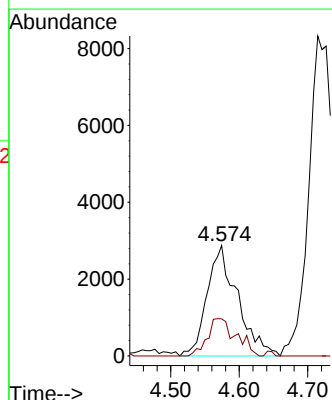
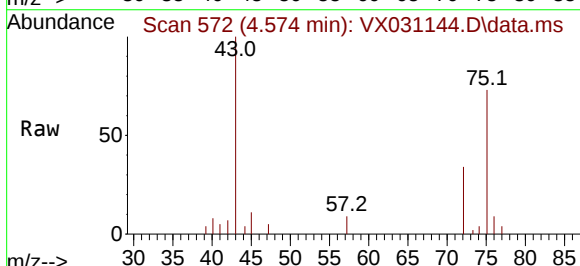
Acq: 06 Sep 2022 21:30

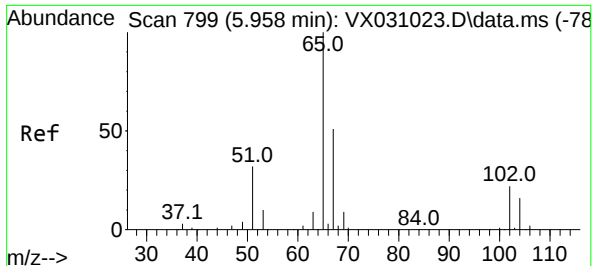
Tgt Ion: 43 Resp: 8859

Ion Ratio Lower Upper

43 100

72 33.6 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 44.734 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031144.D

Acq: 06 Sep 2022 21:30

Instrument :

MSVOA_X

ClientSampleId :

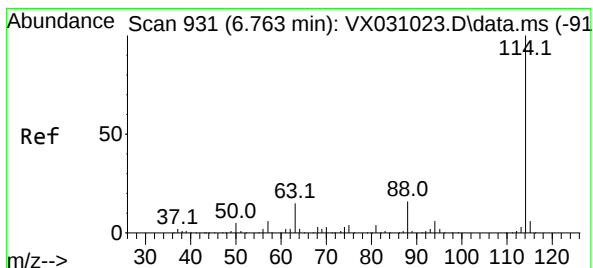
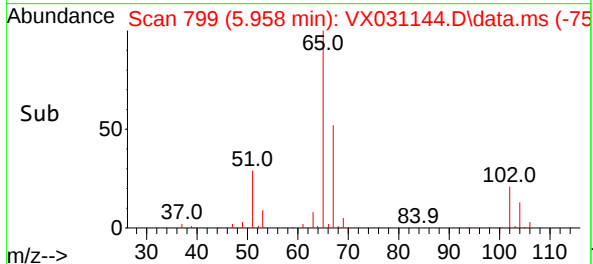
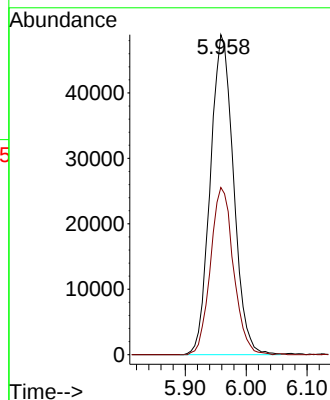
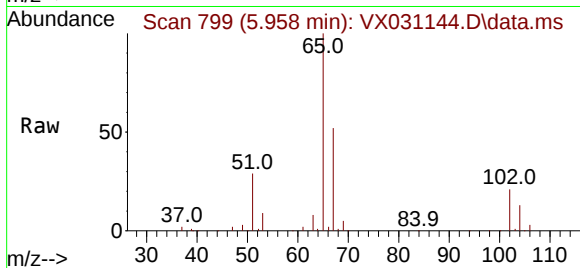
SB-14

Tgt Ion: 65 Resp: 129586

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031144.D

Acq: 06 Sep 2022 21:30

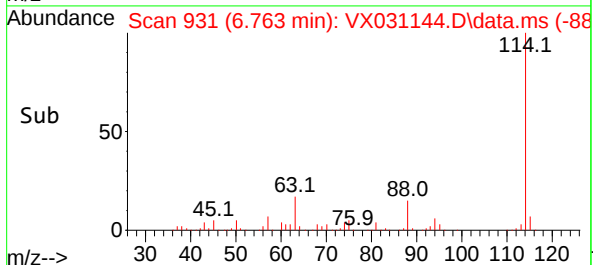
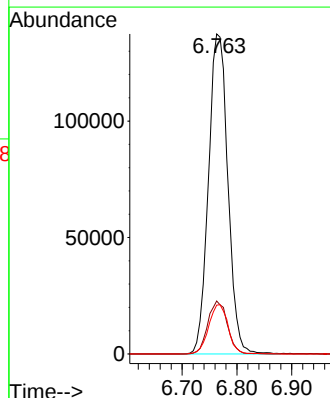
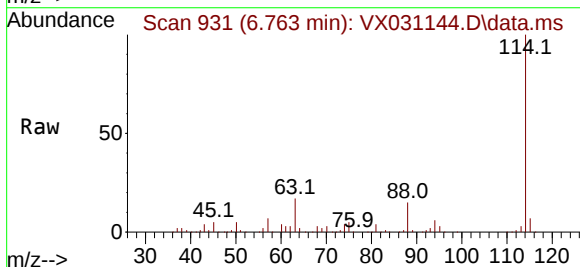
Tgt Ion: 114 Resp: 337322

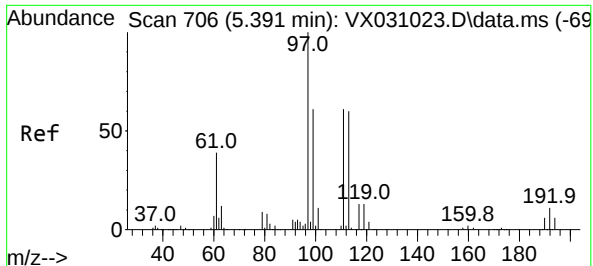
Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.4

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.165 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031144.D

Acq: 06 Sep 2022 21:30

Instrument :

MSVOA_X

ClientSampleId :

SB-14

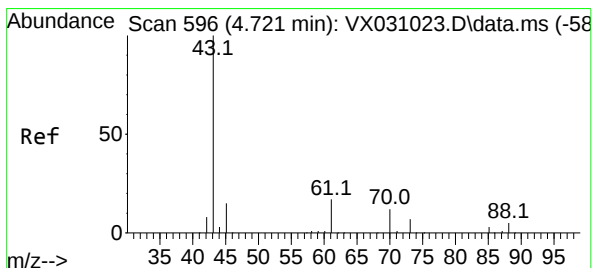
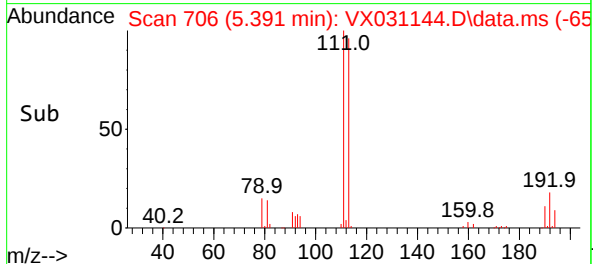
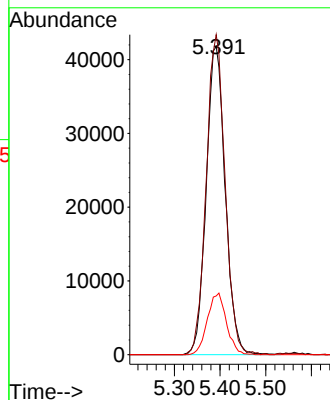
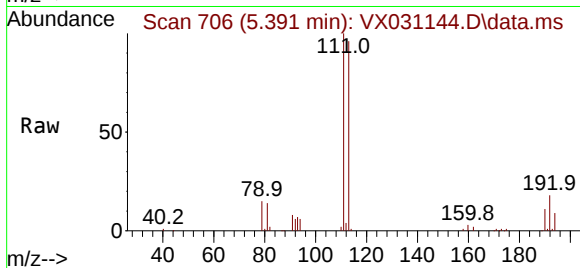
Tgt Ion:113 Resp: 121027

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

192 20.0 14.8 22.2



#37

Ethyl Acetate

Concen: 8.095 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX031144.D

Acq: 06 Sep 2022 21:30

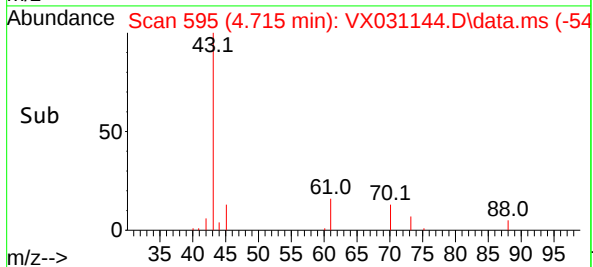
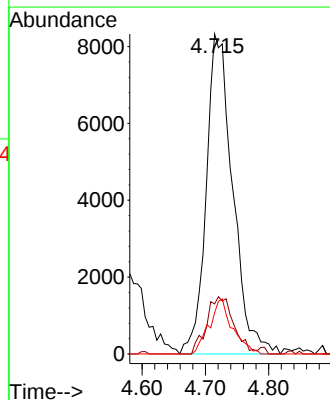
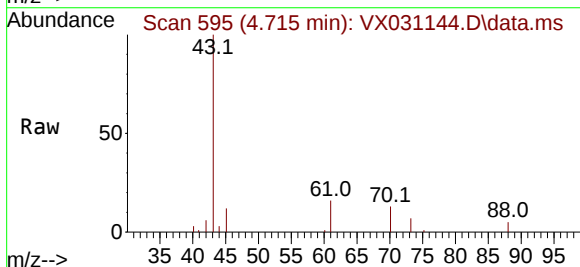
Tgt Ion: 43 Resp: 24253

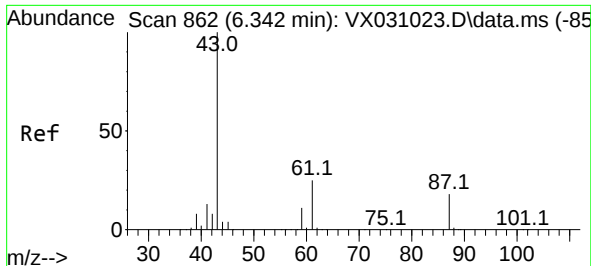
Ion Ratio Lower Upper

43 100

61 18.3 11.7 17.5#

70 15.1 9.3 13.9#

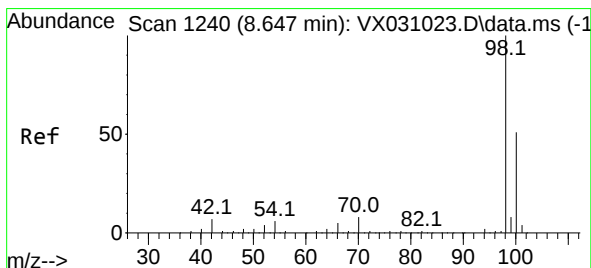
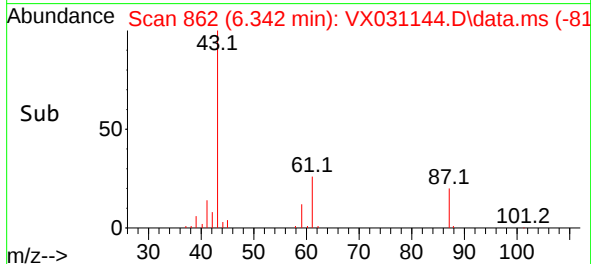
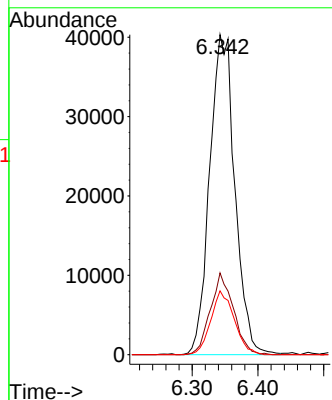
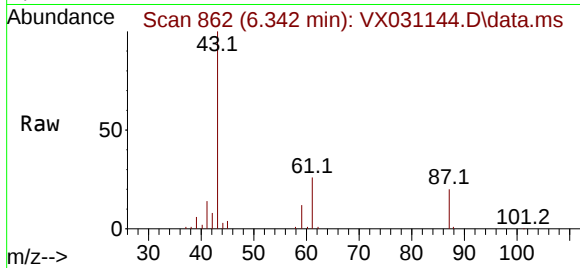




#43
Isopropyl Acetate
Concen: 23.012 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

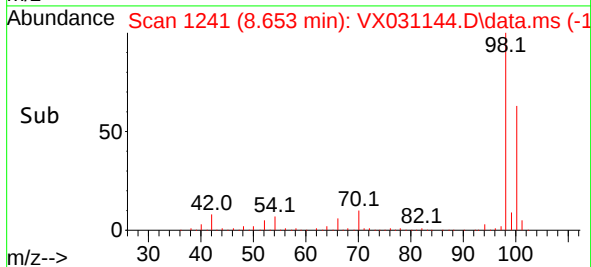
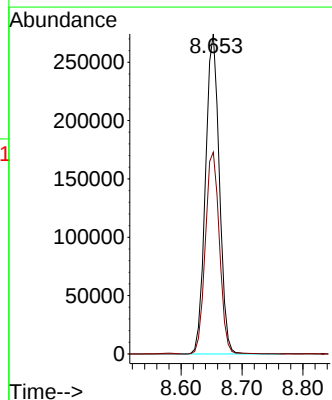
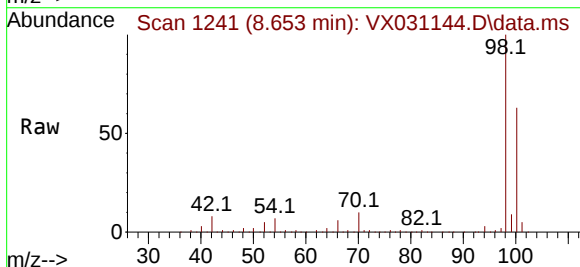
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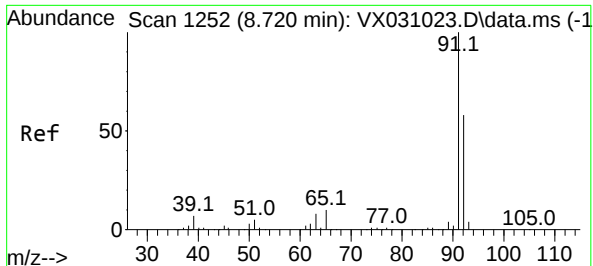
Tgt Ion: 43 Resp: 107746
Ion Ratio Lower Upper
43 100
61 23.4 16.5 24.7
87 18.6 11.1 16.7#



#50
Toluene-d8
Concen: 47.825 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

Tgt Ion: 98 Resp: 433289
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

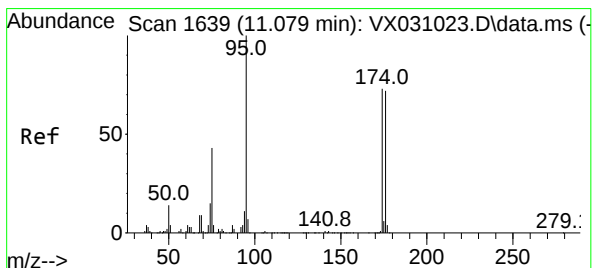
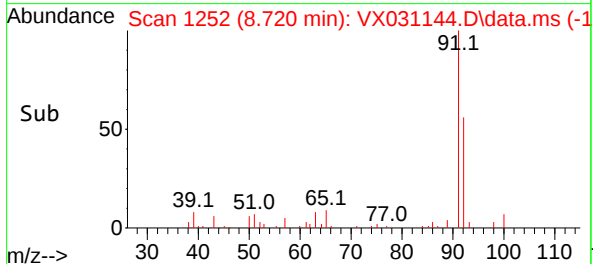
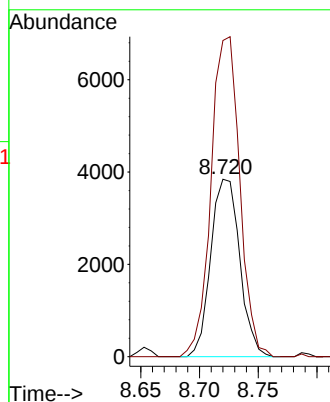
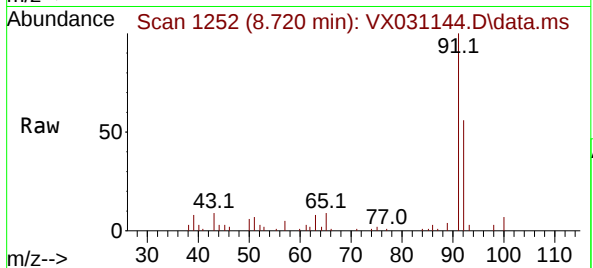




#52
Toluene
Concen: 1.027 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

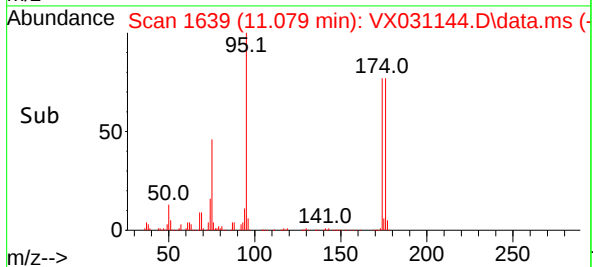
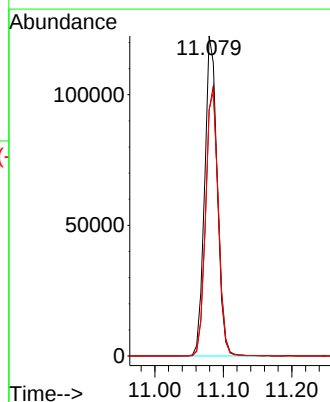
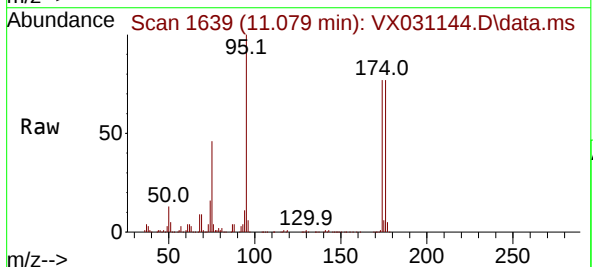
Instrument :
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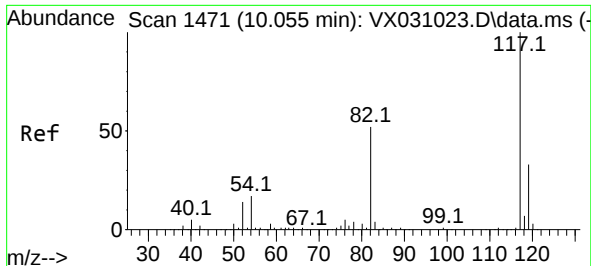
Tgt Ion: 92 Resp: 6595
Ion Ratio Lower Upper
92 100
91 178.5 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 48.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

Tgt Ion: 95 Resp: 155964
Ion Ratio Lower Upper
95 100
174 85.1 0.0 149.0
176 83.8 0.0 146.0

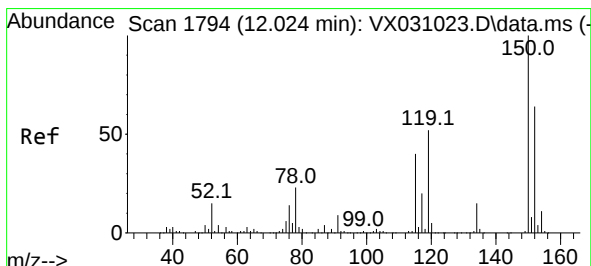
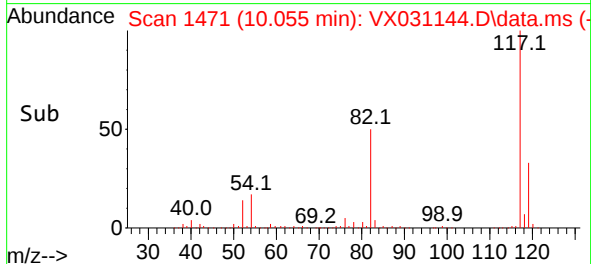
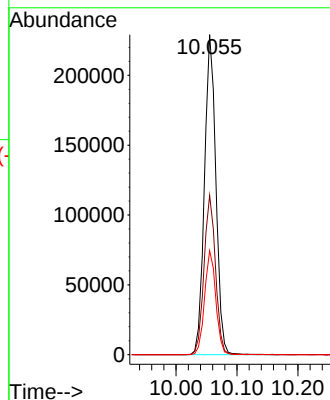
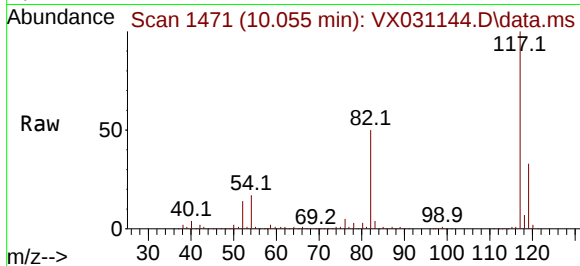




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

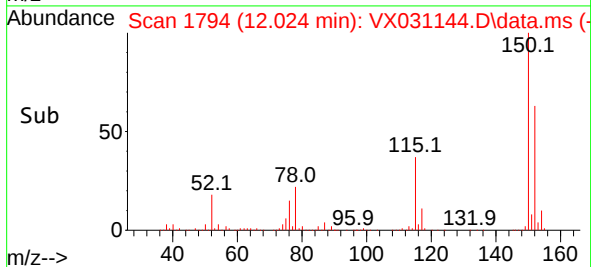
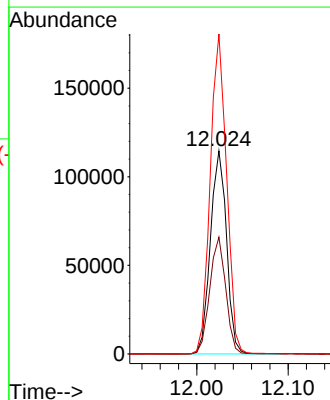
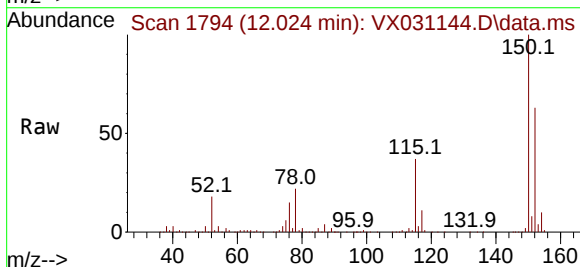
Instrument :
MSVOA_X
ClientSampleId :
SB-14

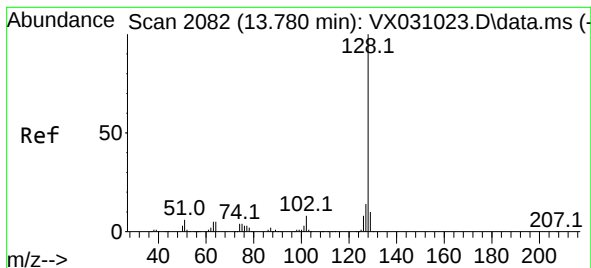
Tgt Ion:117 Resp: 298927
Ion Ratio Lower Upper
117 100
82 49.8 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031144.D
Acq: 06 Sep 2022 21:30

Tgt Ion:152 Resp: 140419
Ion Ratio Lower Upper
152 100
115 57.0 40.5 121.5
150 159.4 0.0 347.0





#95

Naphthalene

Concen: 5.637 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX031144.D

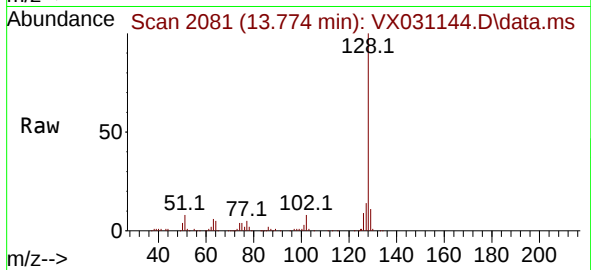
Acq: 06 Sep 2022 21:30

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:128 Resp: 71746

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.0 8.6 13.0

