

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031491.D
 Acq On : 20 Sep 2022 13:09
 Operator : JC/MD
 Sample : N4597-05
 Misc : 5.09G/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-03-4.5-5.0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2022
 Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 14:47:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	57080	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	87001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55349	52.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	5.391	113	45583	50.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.646	98	172205	49.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.085	95	50265	42.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.620%			
Target Compounds					Qvalue	
25) 2-Butanone	4.611	43	7455m	9.225	ug/l	

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

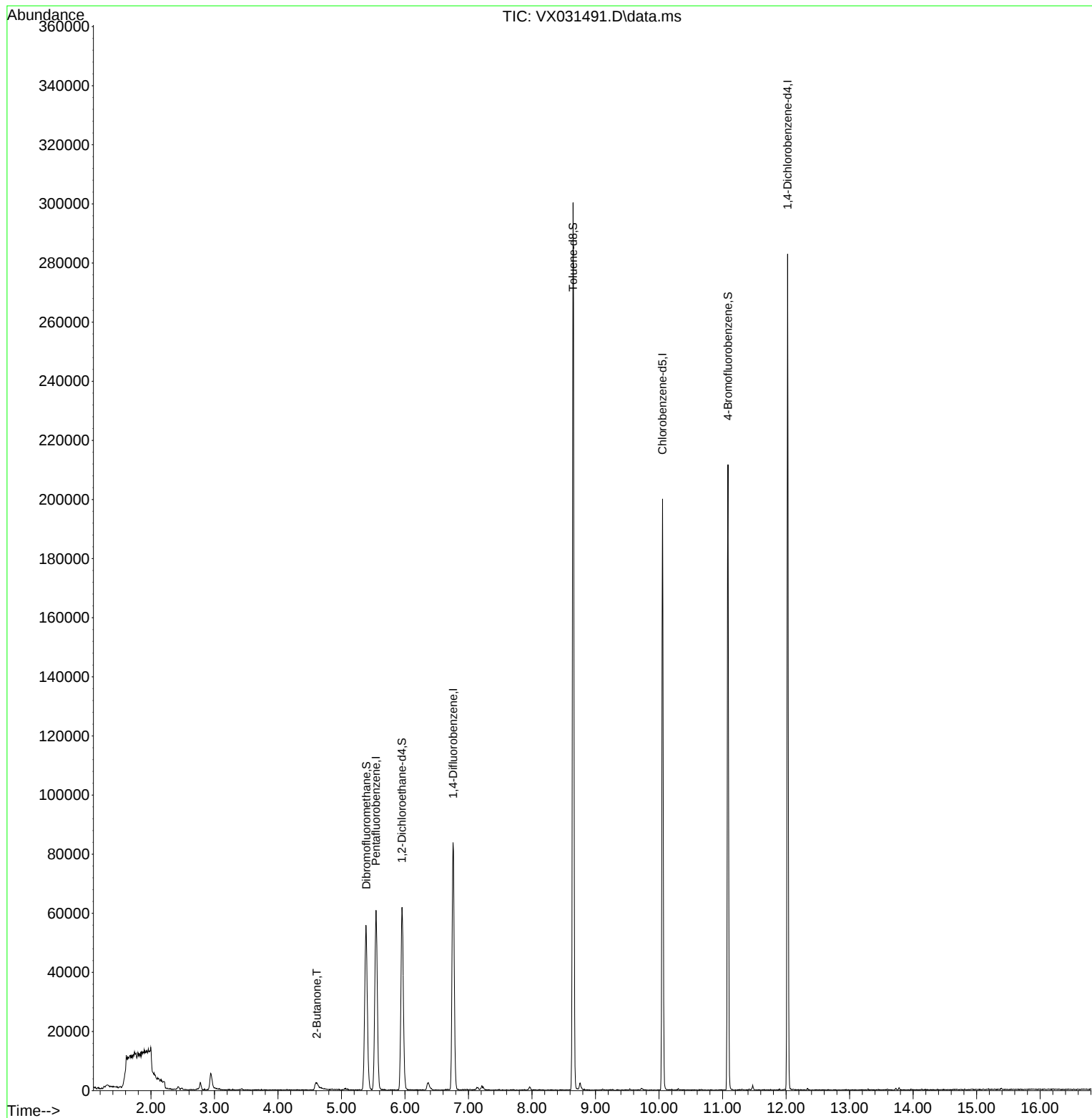
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
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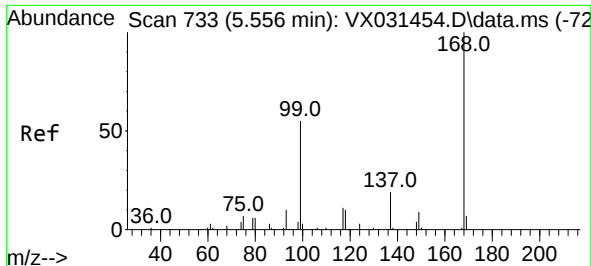
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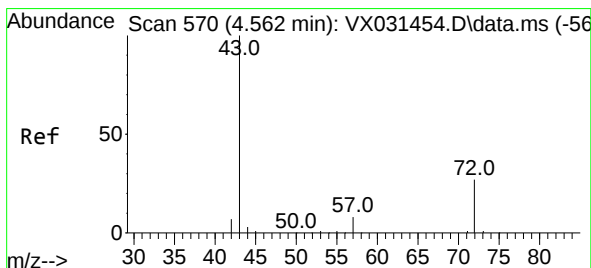
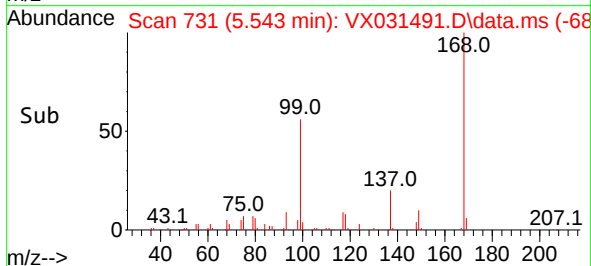
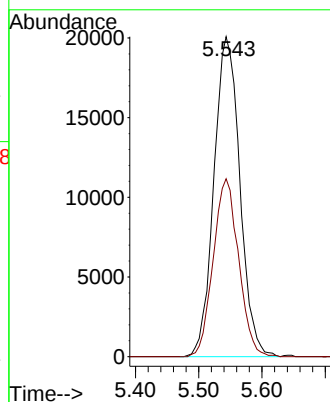
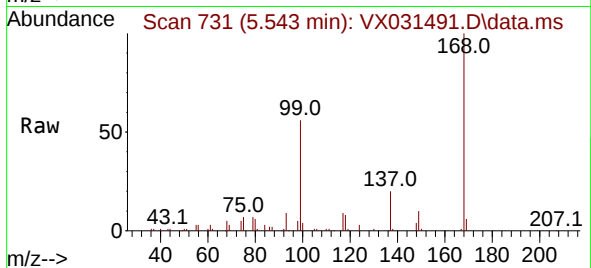
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

Tgt Ion:168 Resp: 57080
Ion Ratio Lower Upper
168 100
99 55.6 48.8 73.2

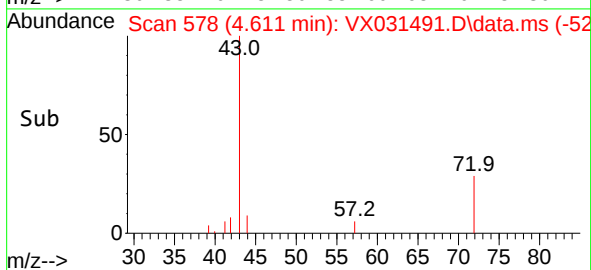
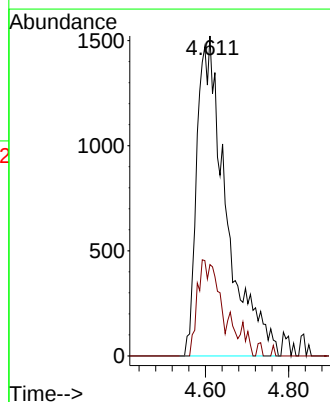
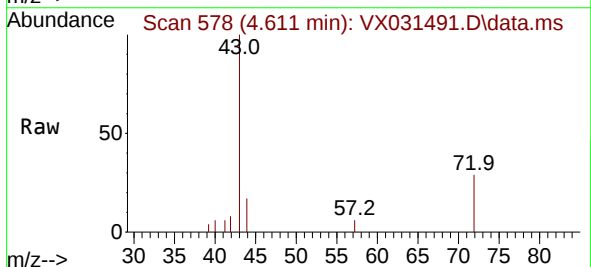
Manual Integrations
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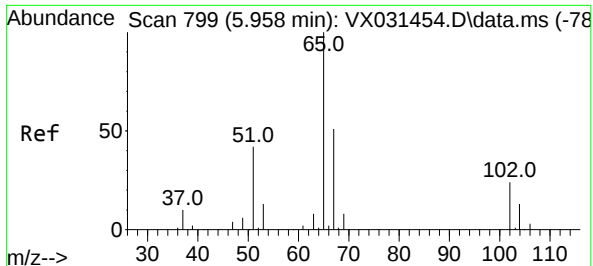
Reviewed By :John Carlone 09/21/2022
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#25
2-Butanone
Concen: 9.225 ug/l m
RT: 4.611 min Scan# 578
Delta R.T. 0.049 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 43 Resp: 7455
Ion Ratio Lower Upper
43 100
72 28.5 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 52.837 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

SB-03-4.5-5.0

Tgt Ion: 65 Resp: 55349

Ion Ratio Lower Upper

65 100

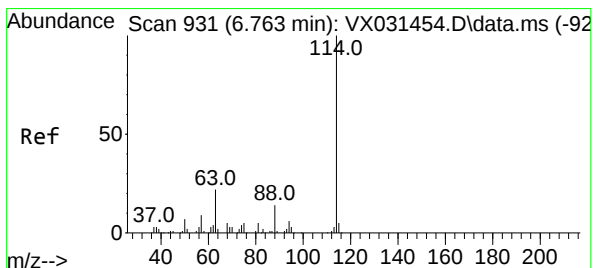
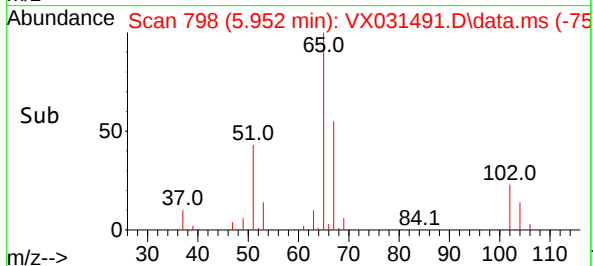
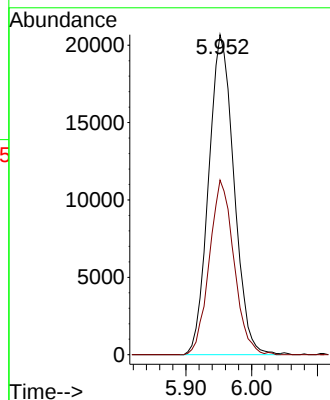
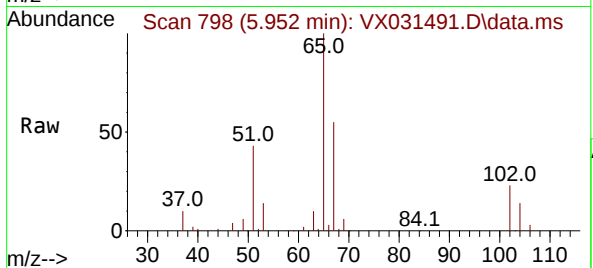
67 53.1 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

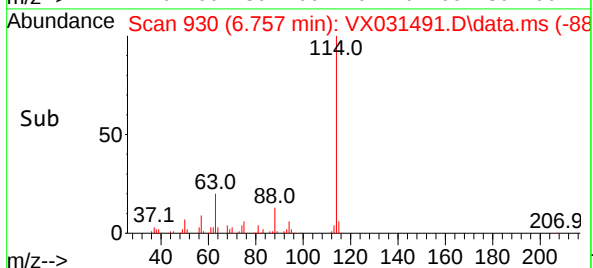
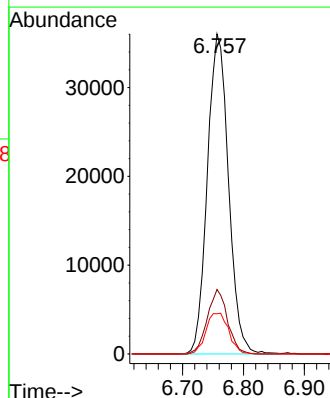
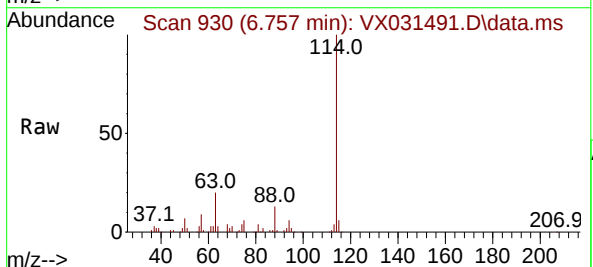
Tgt Ion:114 Resp: 87001

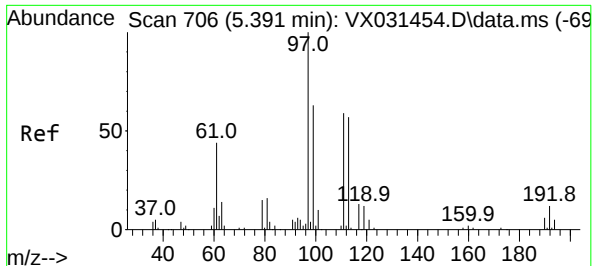
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 12.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.700 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031491.D

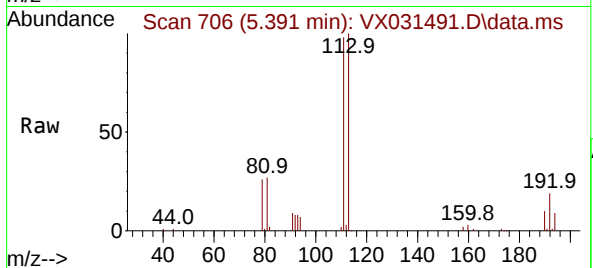
Acq: 20 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

SB-03-4.5-5.0



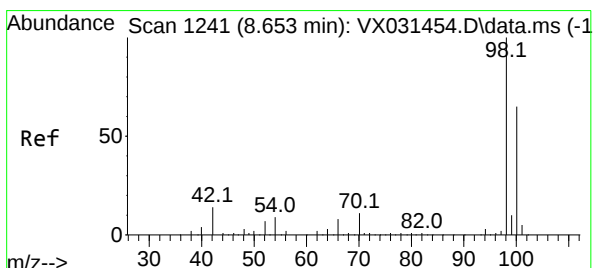
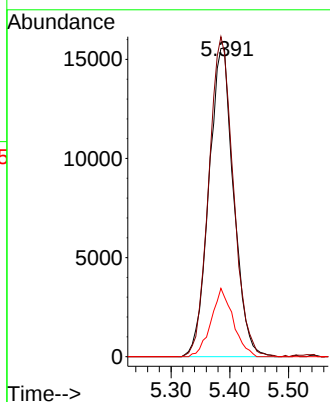
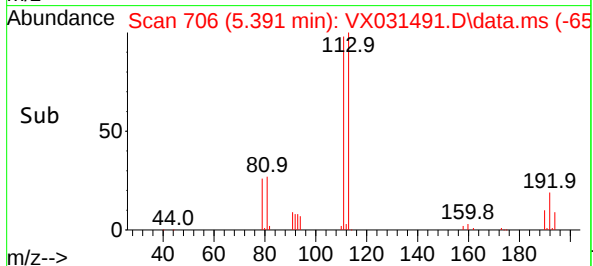
Tgt Ion:	113	Resp:	4558
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.7	14.1	21.1

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#50

Toluene-d8

Concen: 49.681 ug/l

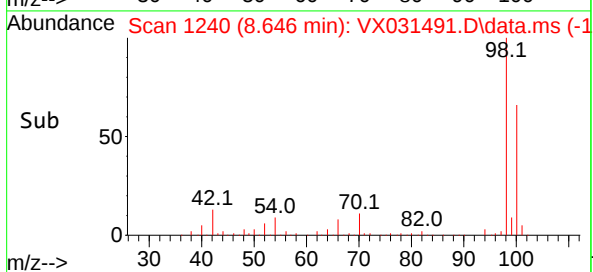
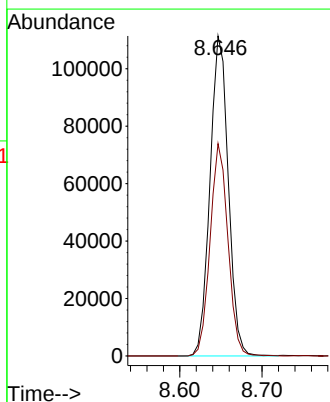
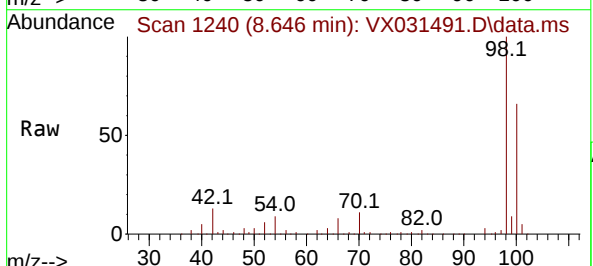
RT: 8.646 min Scan# 1240

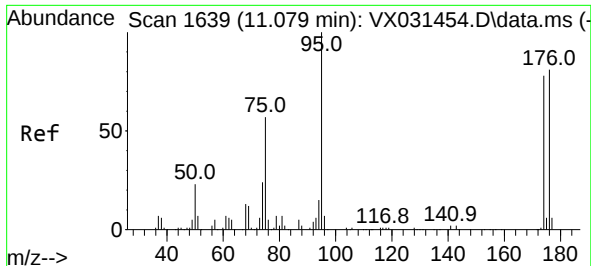
Delta R.T. -0.007 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Tgt Ion:	98	Resp:	172205
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.5	78.7





#62

4-Bromofluorobenzene

Concen: 42.811 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

SB-03-4.5-5.0

Tgt Ion: 95 Resp: 5026

Ion Ratio Lower Upper

95 100

174 87.7 0.0 153.2

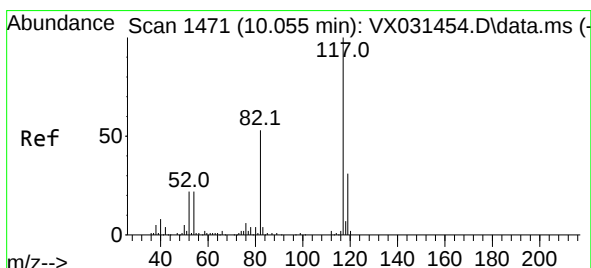
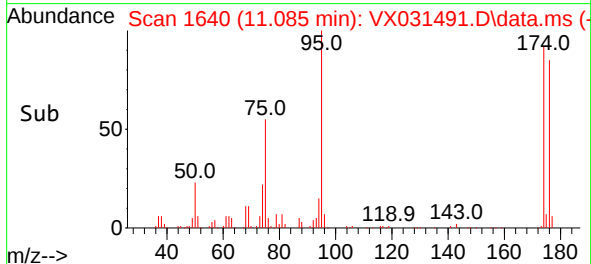
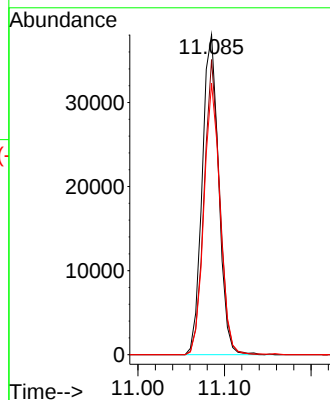
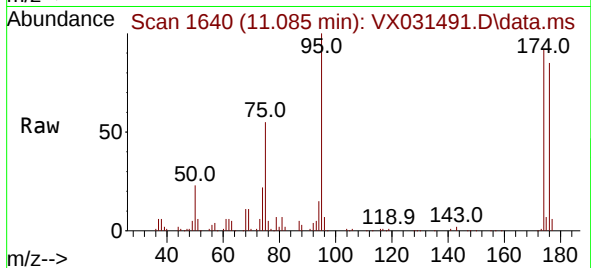
176 83.2 0.0 144.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

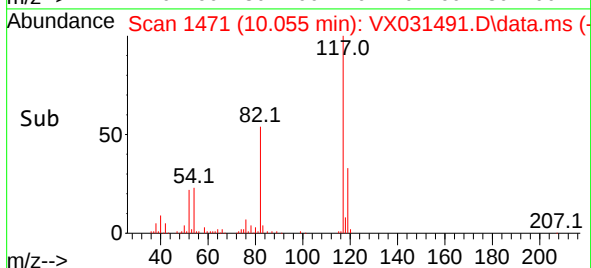
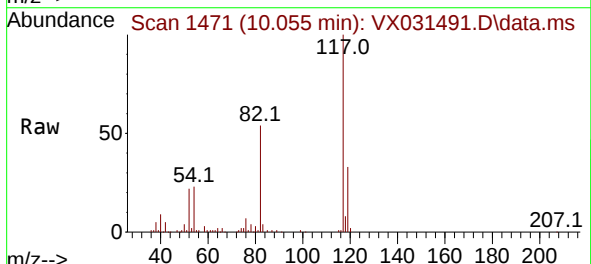
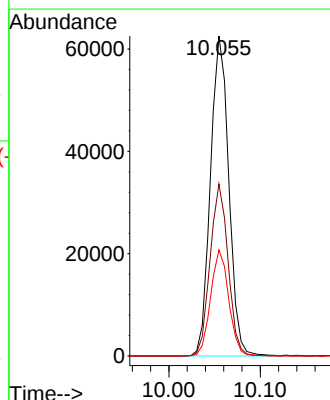
Tgt Ion:117 Resp: 87179

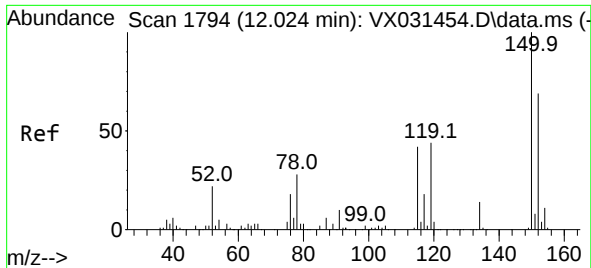
Ion Ratio Lower Upper

117 100

82 53.8 46.8 70.2

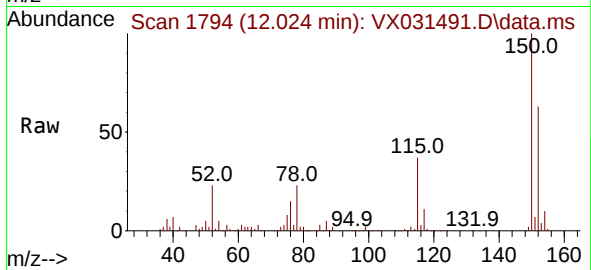
119 33.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031491.D
 Acq: 20 Sep 2022 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-03-4.5-5.0



Tgt Ion:152 Resp: 54679
 Ion Ratio Lower Upper
 152 100
 115 57.7 43.4 130.1
 150 156.9 0.0 346.8

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