

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031526.D
 Acq On : 21 Sep 2022 15:53
 Operator : JC/MD
 Sample : N4614-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-3RB

Quant Time: Sep 22 01:13:57 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)

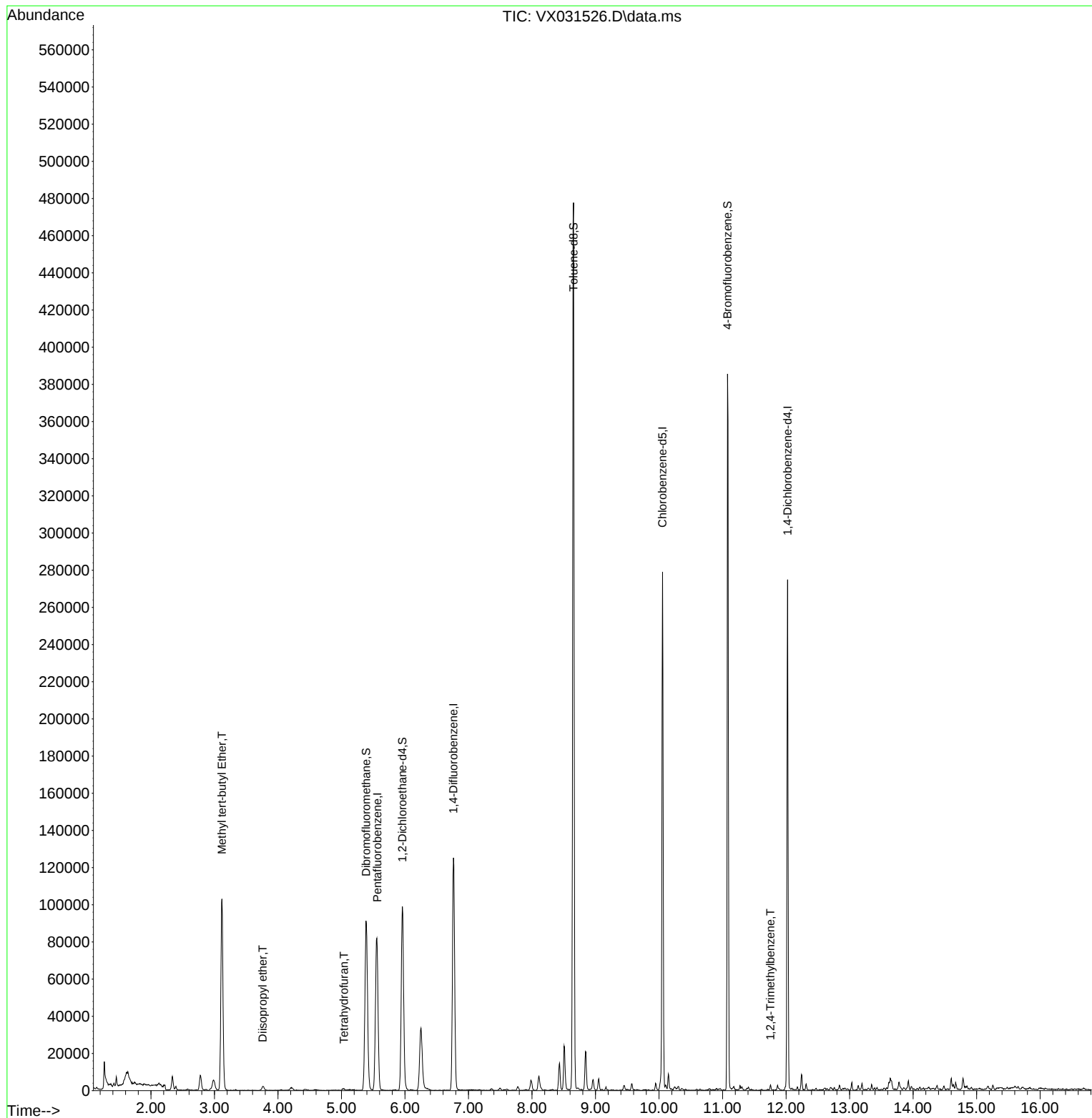
Internal Standards						
1) Pentafluorobenzene	5.562	168	80348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87623	59.560	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.120%
35) Dibromofluoromethane	5.385	113	74755	54.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.660%
50) Toluene-d8	8.653	98	283400	53.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.720%
62) 4-Bromofluorobenzene	11.079	95	86932	48.777	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.117	73	117275	25.927	ug/l	99
22) Diisopropyl ether	3.757	45	2342	0.530	ug/l #	66
29) Tetrahydrofuran	5.038	42	1018	1.372	ug/l #	82
84) 1,2,4-Trimethylbenzene	11.756	105	1367	0.410	ug/l	93

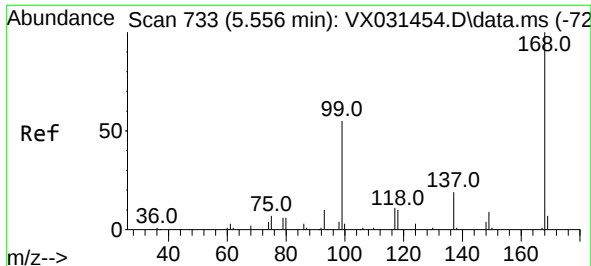
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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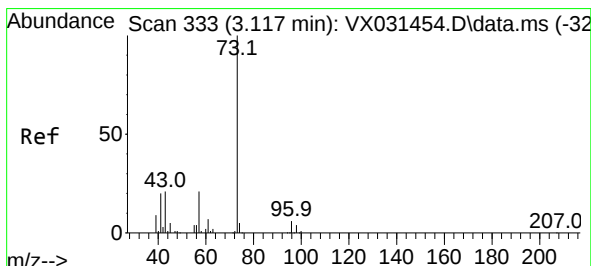
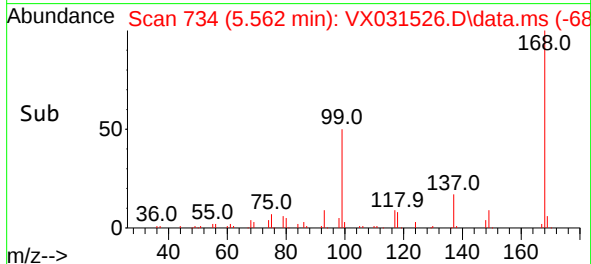
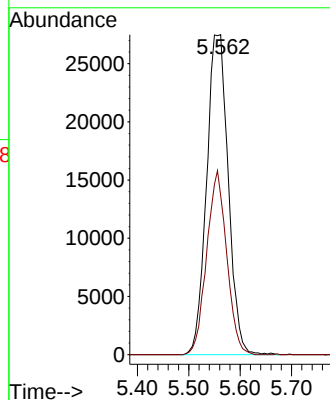
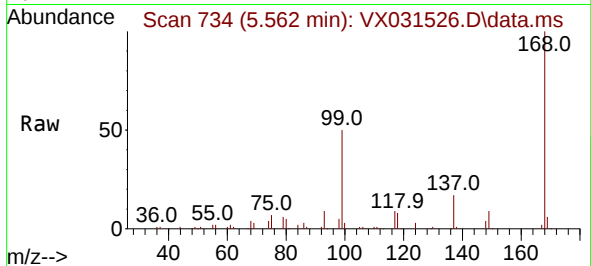




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031526.D
Acq: 21 Sep 2022 15:53

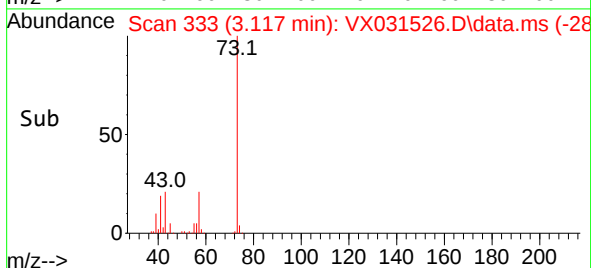
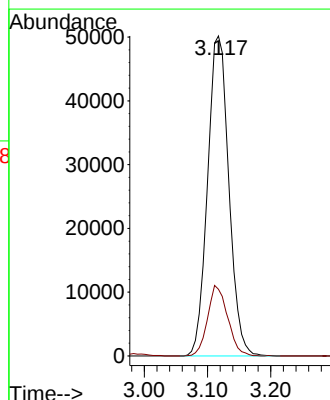
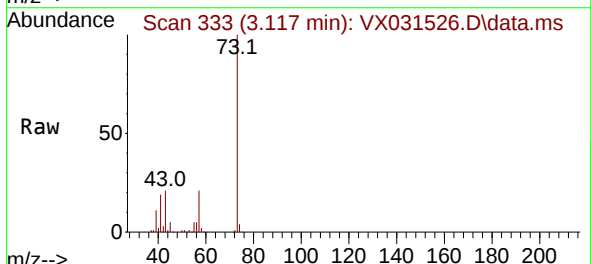
Instrument :
MSVOA_X
ClientSampleId :
H-3RB

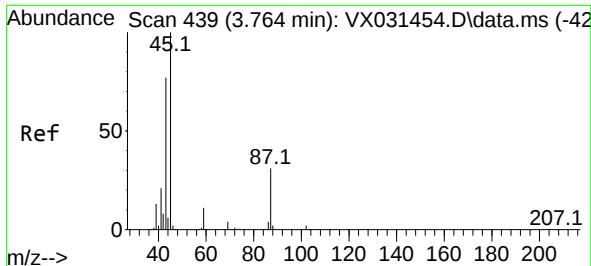
Tgt Ion:168 Resp: 80348
Ion Ratio Lower Upper
168 100
99 49.7 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 25.927 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031526.D
Acq: 21 Sep 2022 15:53

Tgt Ion: 73 Resp: 117275
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8

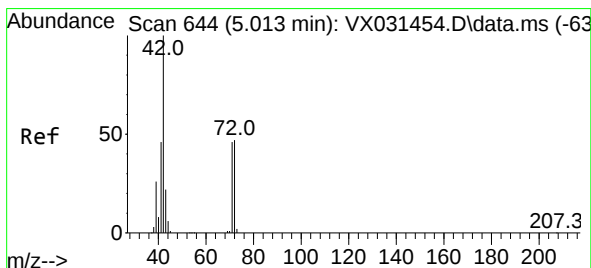
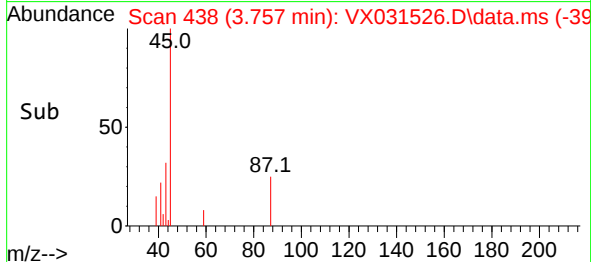
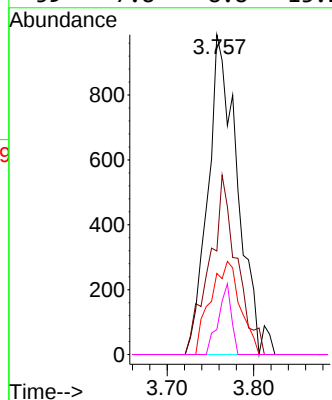
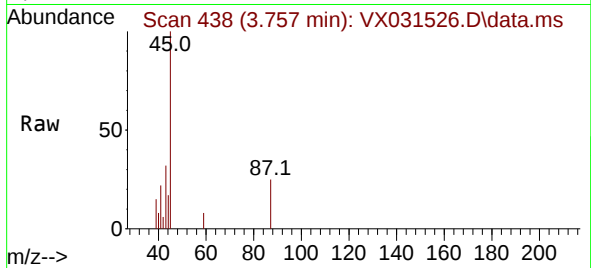




#22
Diisopropyl ether
Concen: 0.530 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.007 min
Lab File: VX031526.D
Acq: 21 Sep 2022 15:53

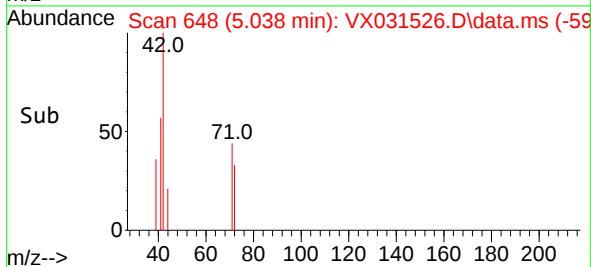
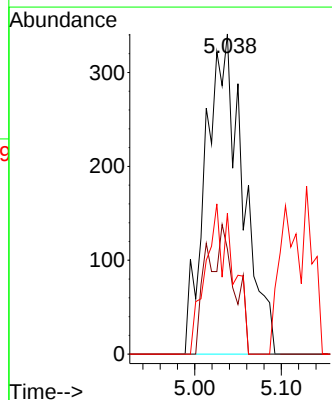
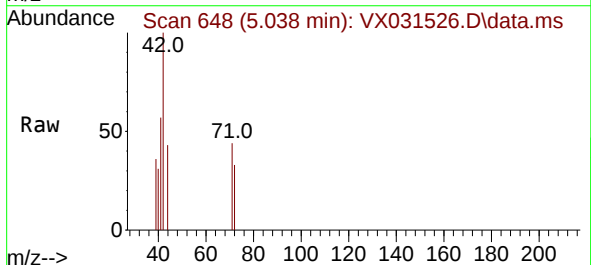
Instrument :
MSVOA_X
ClientSampleId :
H-3RB

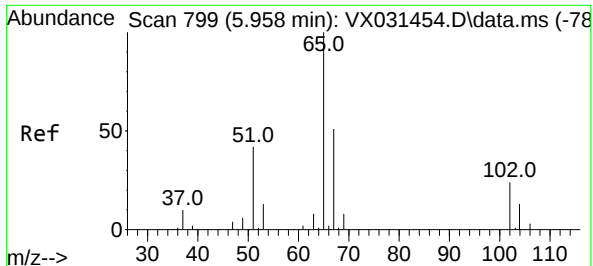
Tgt Ion:	45	Resp:	2342
Ion	Ratio	Lower	Upper
45	100		
43	32.4	59.0	88.6#
87	25.4	22.6	33.8
59	7.8	8.8	13.2#



#29
Tetrahydrofuran
Concen: 1.372 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX031526.D
Acq: 21 Sep 2022 15:53

Tgt Ion:	42	Resp:	1018
Ion	Ratio	Lower	Upper
42	100		
72	29.7	36.4	54.6#
71	34.6	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 59.560 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031526.D

Acq: 21 Sep 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

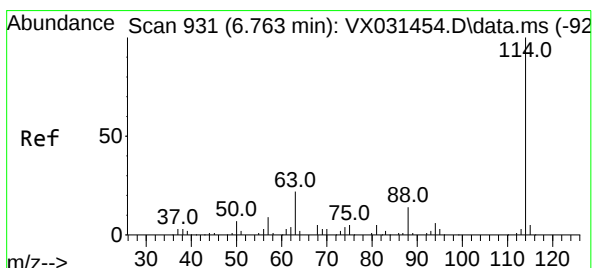
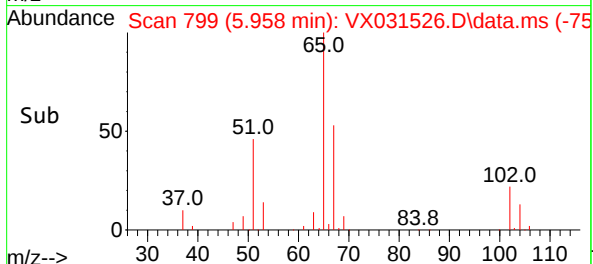
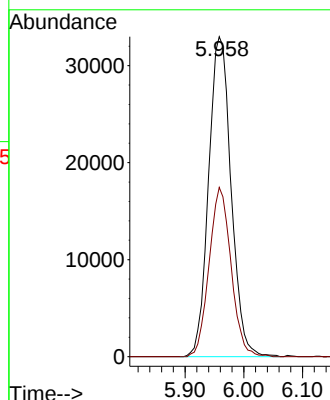
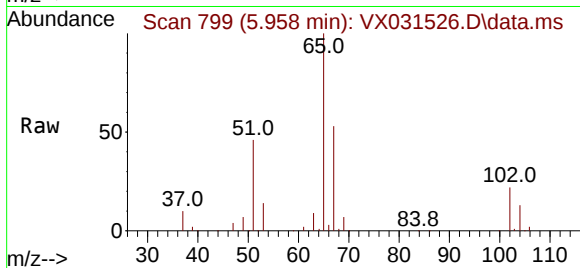
H-3RB

Tgt Ion: 65 Resp: 87623

Ion Ratio Lower Upper

65 100

67 51.6 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: VX031526.D

Acq: 21 Sep 2022 15:53

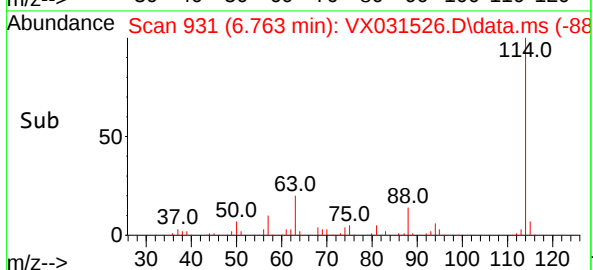
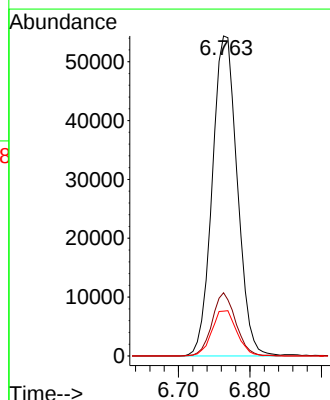
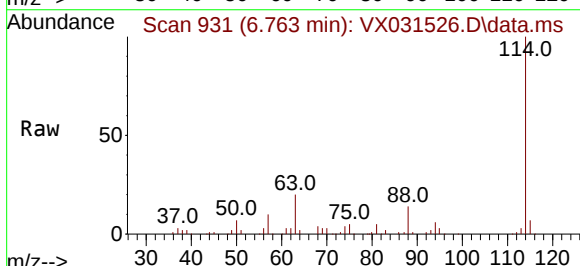
Tgt Ion: 114 Resp: 132064

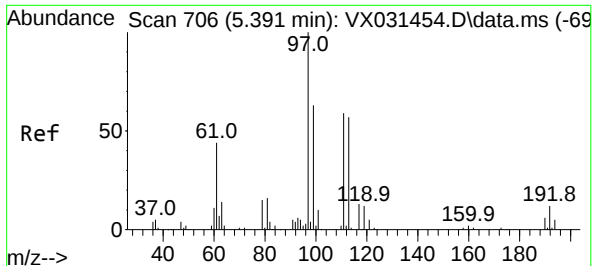
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.835 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031526.D

Acq: 21 Sep 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

H-3RB

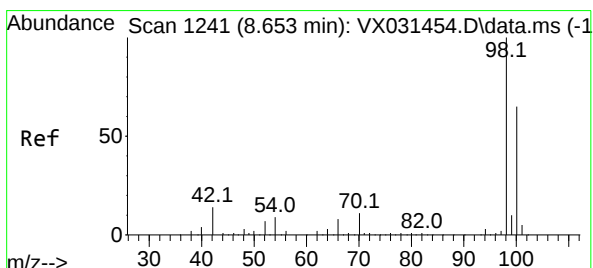
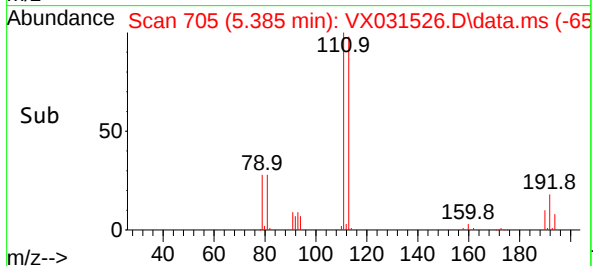
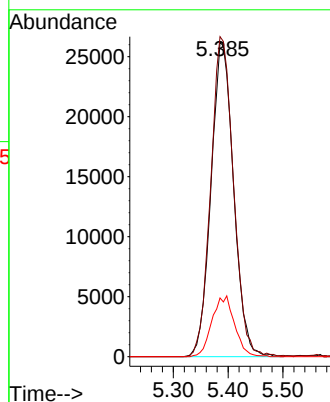
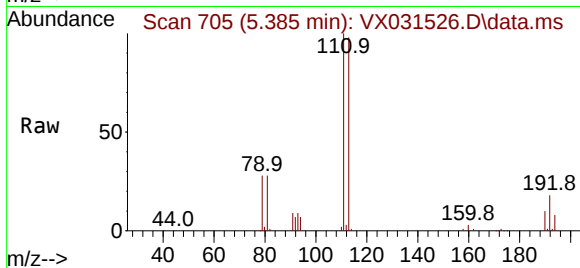
Tgt Ion:113 Resp: 74755

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 19.4 14.1 21.1



#50

Toluene-d8

Concen: 53.862 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031526.D

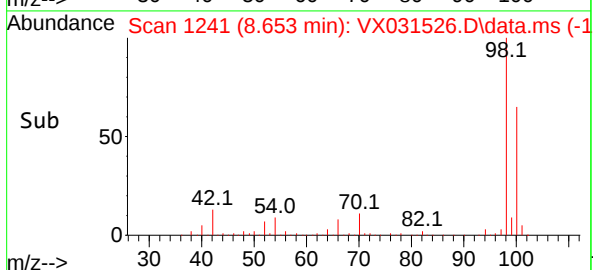
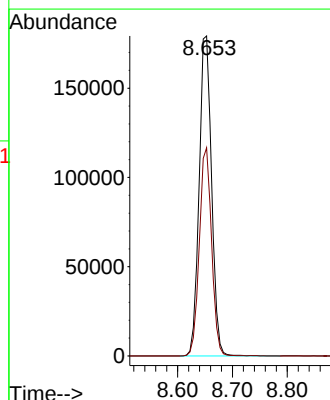
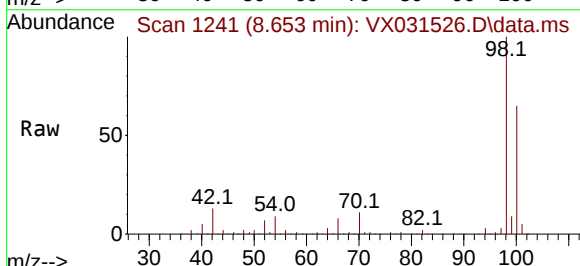
Acq: 21 Sep 2022 15:53

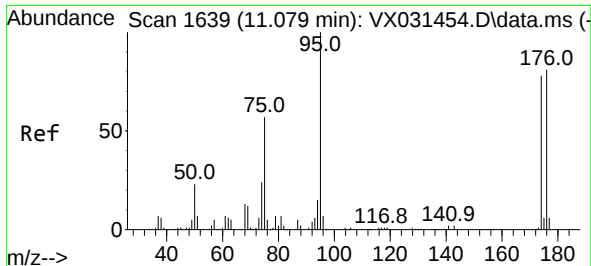
Tgt Ion: 98 Resp: 283400

Ion Ratio Lower Upper

98 100

100 64.0 52.5 78.7

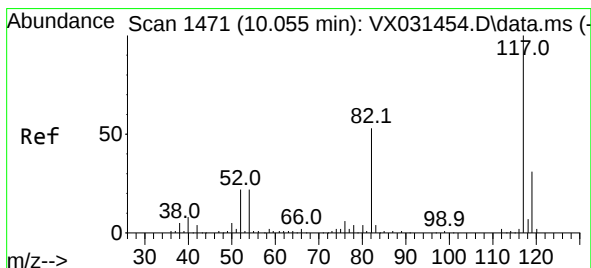
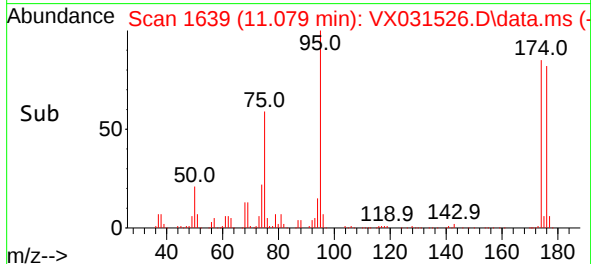
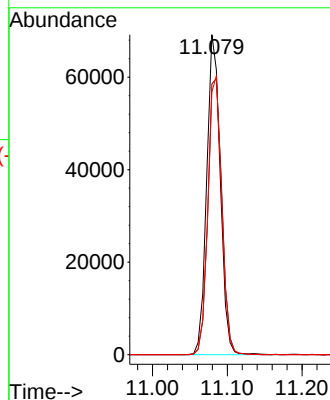
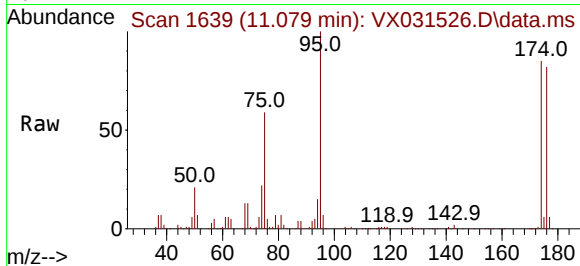




#62
4-Bromofluorobenzene
Concen: 48.777 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031526.D
Acq: 21 Sep 2022 15:53

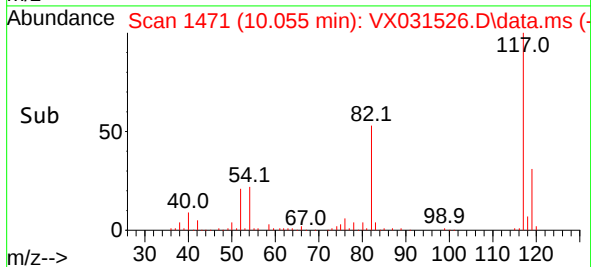
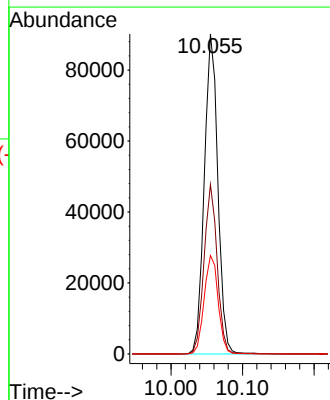
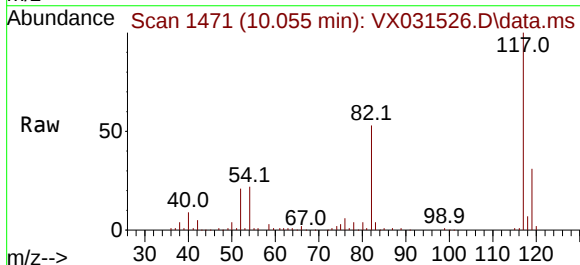
Instrument :
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H-3RB

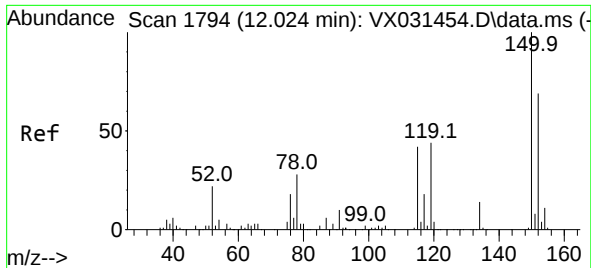
Tgt Ion: 95 Resp: 86932
Ion Ratio Lower Upper
95 100
174 89.9 0.0 153.2
176 88.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031526.D
Acq: 21 Sep 2022 15:53

Tgt Ion: 117 Resp: 118653
Ion Ratio Lower Upper
117 100
82 53.0 46.8 70.2
119 30.8 26.4 39.6

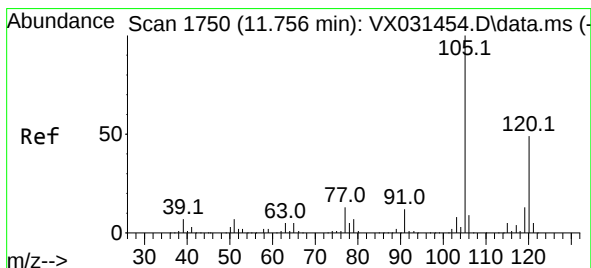
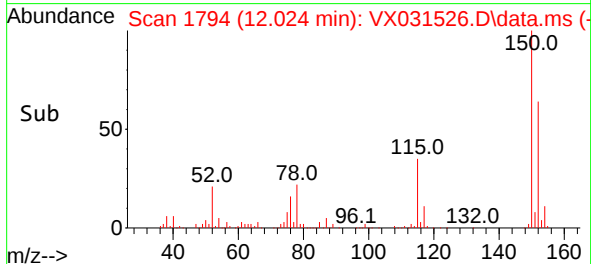
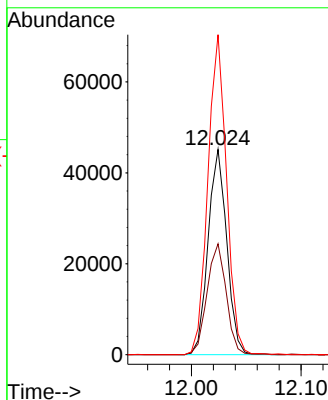
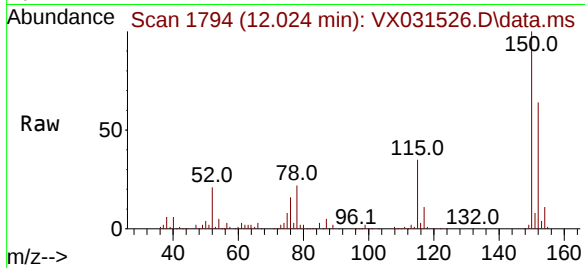




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX031526.D
 Acq: 21 Sep 2022 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 H-3RB

Tgt Ion:152 Resp: 53412
 Ion Ratio Lower Upper
 152 100
 115 55.6 43.4 130.1
 150 155.9 0.0 346.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.410 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX031526.D
 Acq: 21 Sep 2022 15:53

Tgt Ion:105 Resp: 1367
 Ion Ratio Lower Upper
 105 100
 120 49.8 22.6 67.8

