

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030284.D
 Acq On : 28 Jul 2022 20:53
 Operator : JC/MD
 Sample : N3898-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61422-B

Quant Time: Jul 29 06:00:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

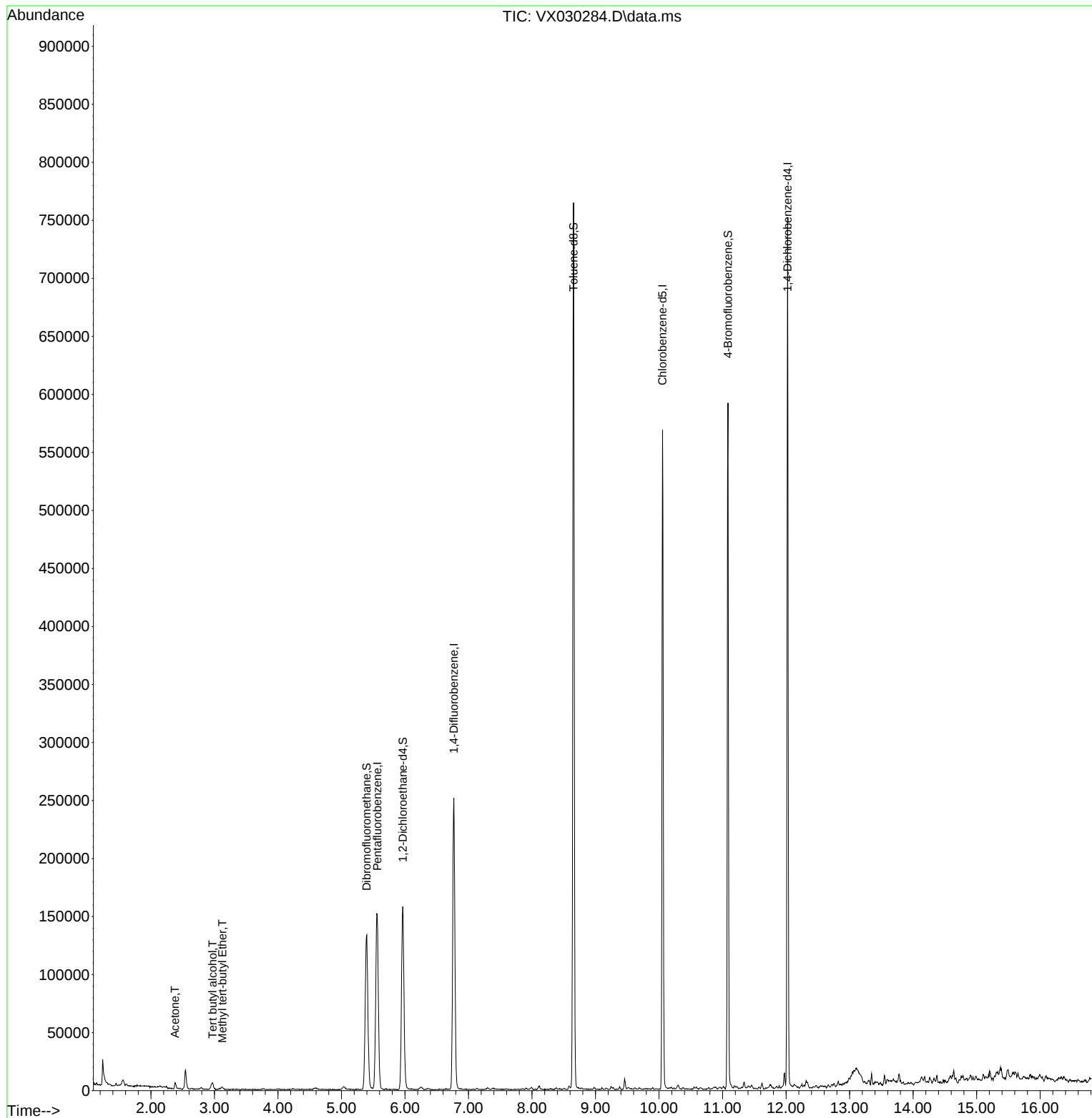
Internal Standards						
1) Pentafluorobenzene	5.562	168	143778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148756	51.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.960%
35) Dibromofluoromethane	5.397	113	120168	48.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	8.653	98	452087	47.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.085	95	162288	45.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	6688	9.488	ug/l	98
16) Acetone	2.380	43	5627	3.803	ug/l #	88
19) Methyl tert-butyl Ether	3.123	73	2274	0.296	ug/l #	89

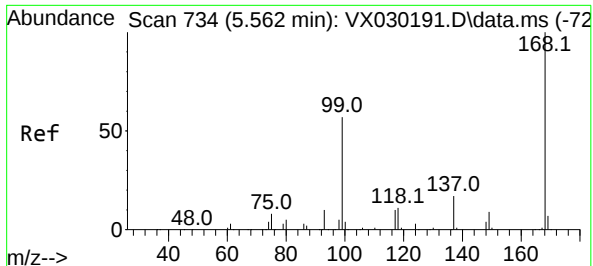
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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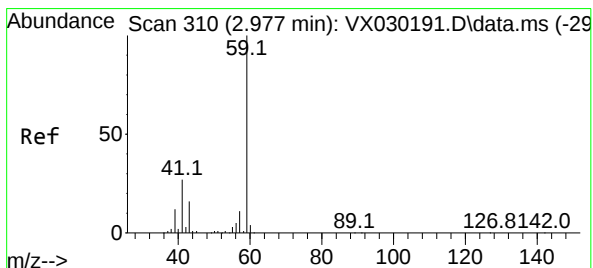
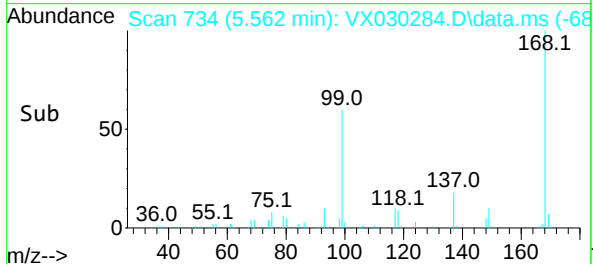
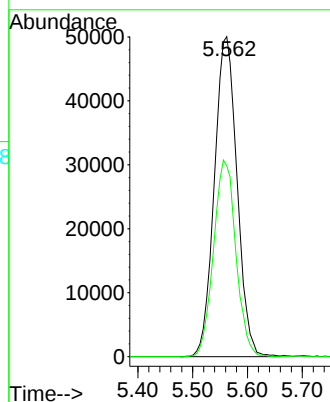
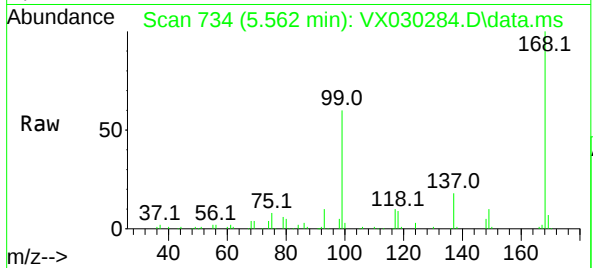




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030284.D
Acq: 28 Jul 2022 20:53

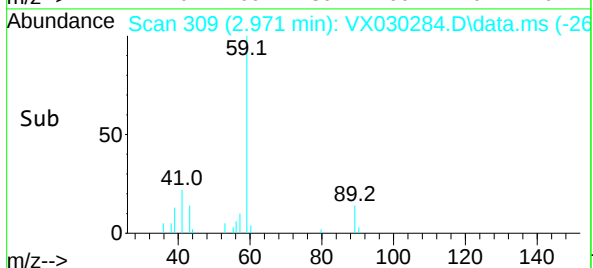
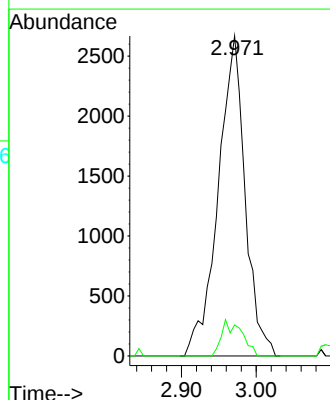
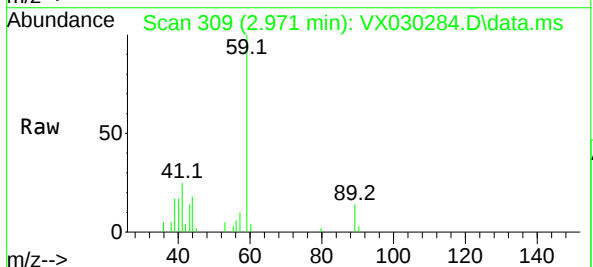
Instrument :
MSVOA_X
ClientSampleId :
61422-B

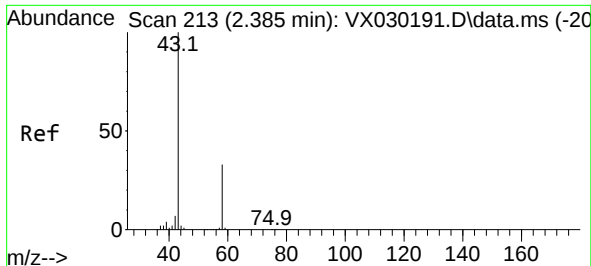
Tgt Ion:168 Resp: 143778
Ion Ratio Lower Upper
168 100
99 59.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 9.488 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030284.D
Acq: 28 Jul 2022 20:53

Tgt Ion: 59 Resp: 6688
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.2

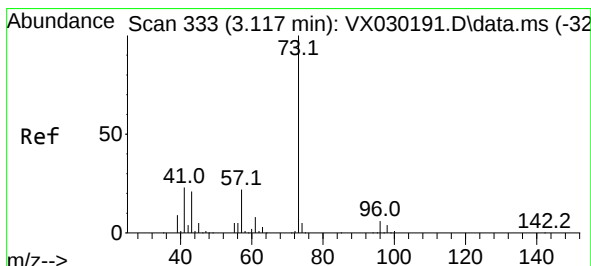
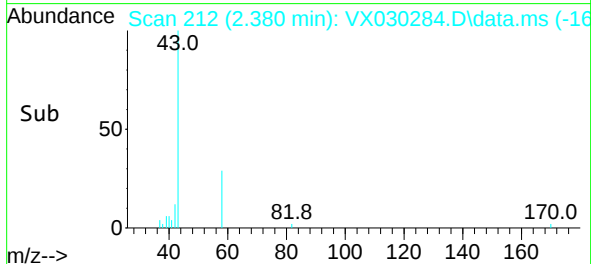
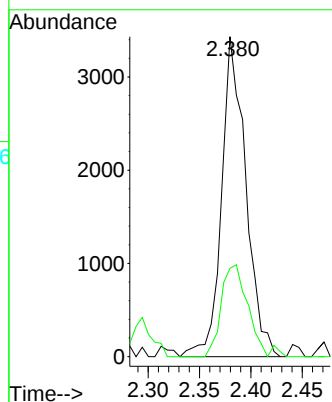
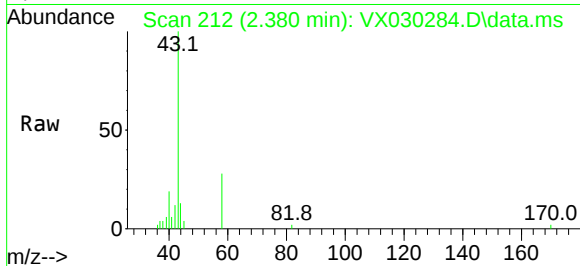




#16
Acetone
Concen: 3.803 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030284.D
Acq: 28 Jul 2022 20:53

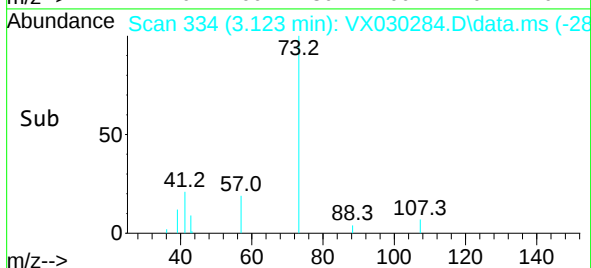
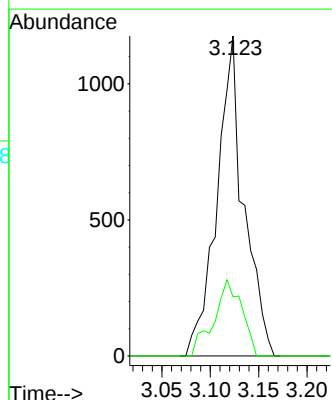
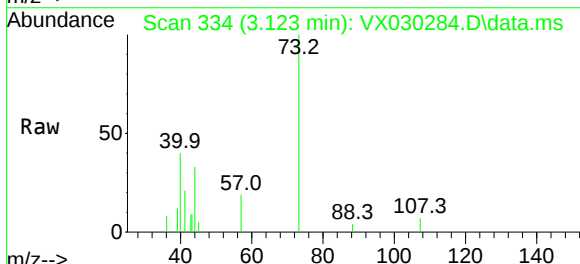
Instrument :
MSVOA_X
ClientSampleId :
61422-B

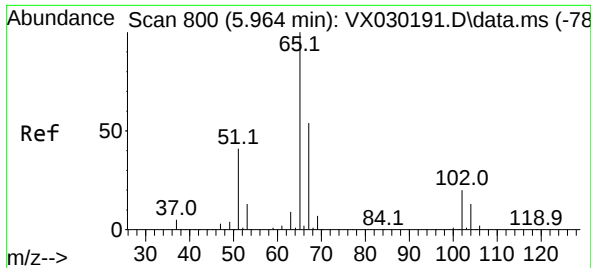
Tgt Ion: 43 Resp: 5627
Ion Ratio Lower Upper
43 100
58 27.6 27.7 41.5#



#19
Methyl tert-butyl Ether
Concen: 0.296 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030284.D
Acq: 28 Jul 2022 20:53

Tgt Ion: 73 Resp: 2274
Ion Ratio Lower Upper
73 100
57 18.5 19.0 28.6#

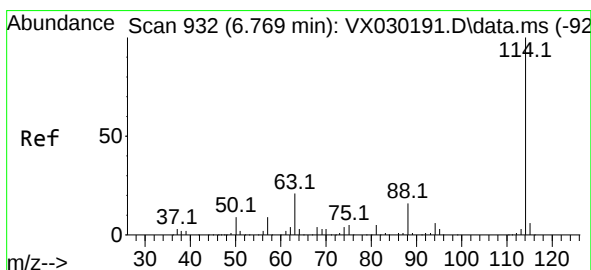
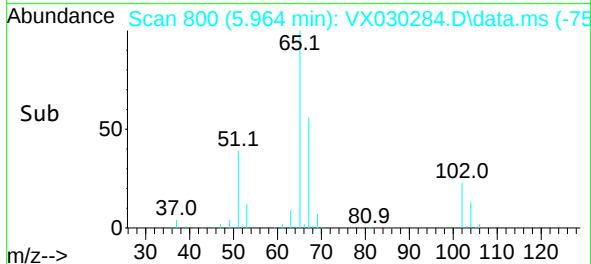
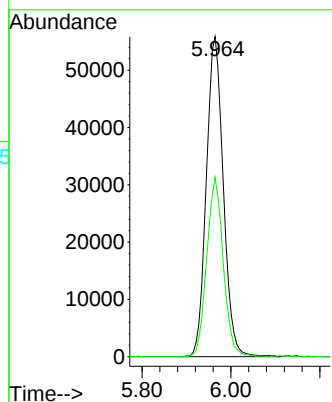
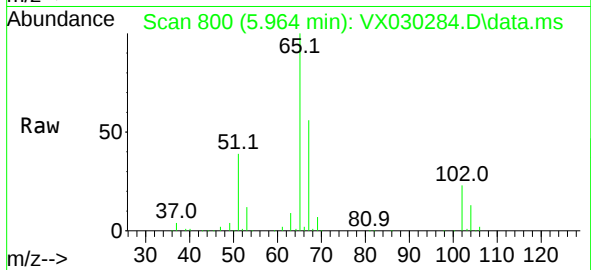




#33
 1,2-Dichloroethane-d4
 Concen: 51.475 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX030284.D
 Acq: 28 Jul 2022 20:53

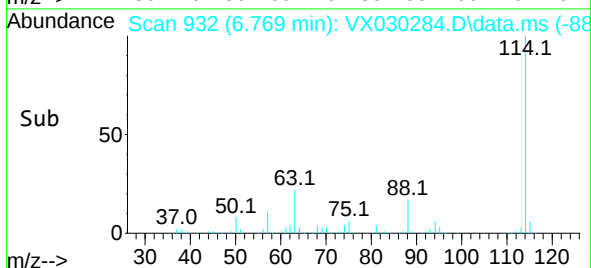
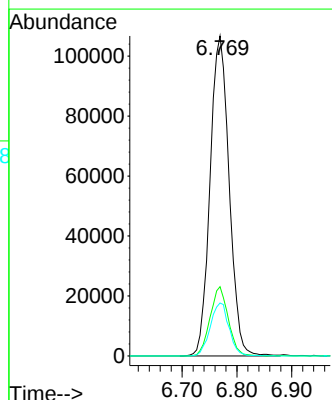
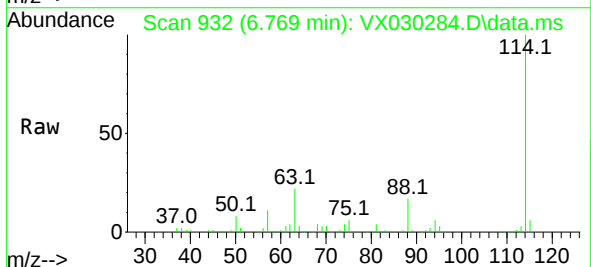
Instrument :
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 ClientSampleId :
 61422-B

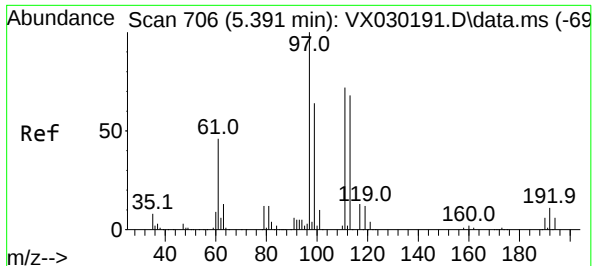
Tgt Ion: 65 Resp: 148756
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030284.D
 Acq: 28 Jul 2022 20:53

Tgt Ion: 114 Resp: 257684
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 38.4
 88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.783 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030284.D

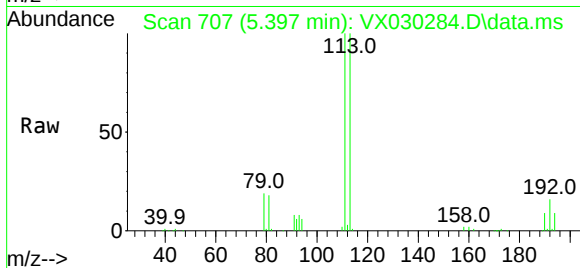
Acq: 28 Jul 2022 20:53

Instrument :

MSVOA_X

ClientSampleId :

61422-B



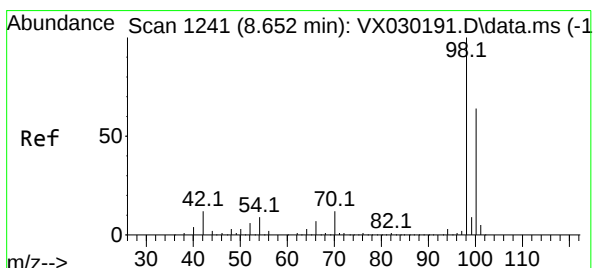
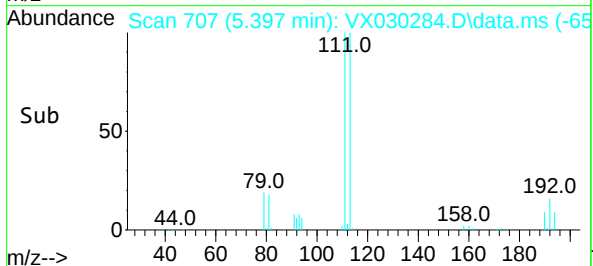
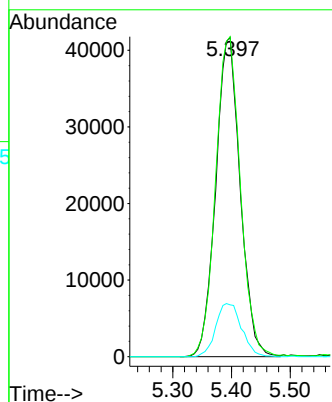
Tgt Ion:113 Resp: 120168

Ion Ratio Lower Upper

113 100

111 101.9 83.2 124.8

192 17.6 14.8 22.2



#50

Toluene-d8

Concen: 47.391 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030284.D

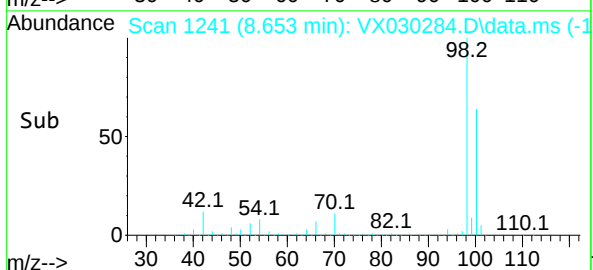
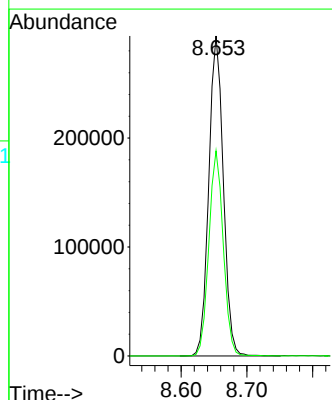
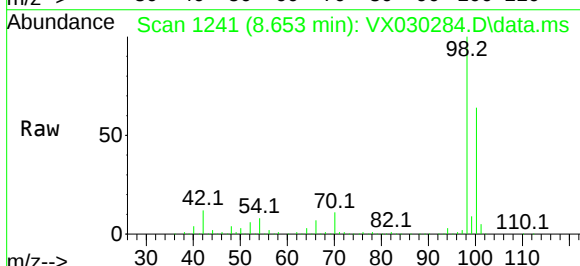
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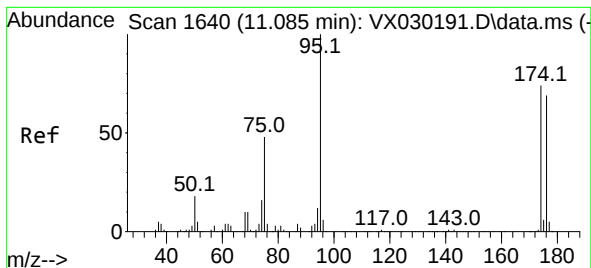
Tgt Ion: 98 Resp: 452087

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5

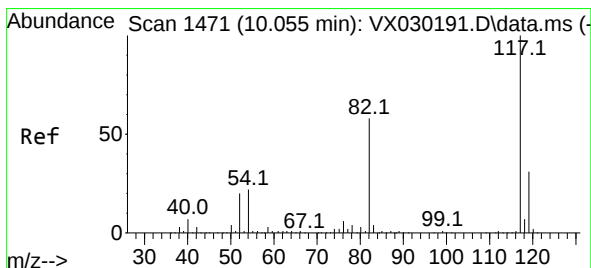
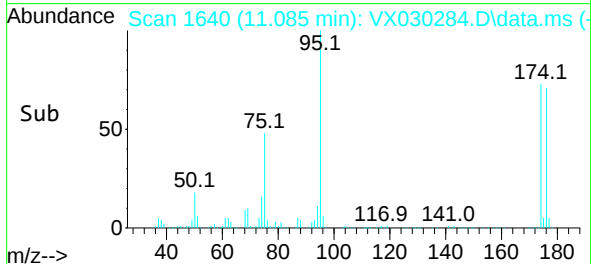
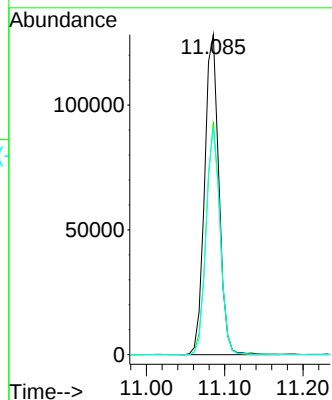
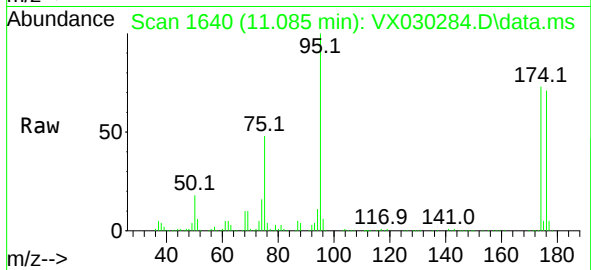




#62
4-Bromofluorobenzene
Concen: 45.839 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030284.D
Acq: 28 Jul 2022 20:53

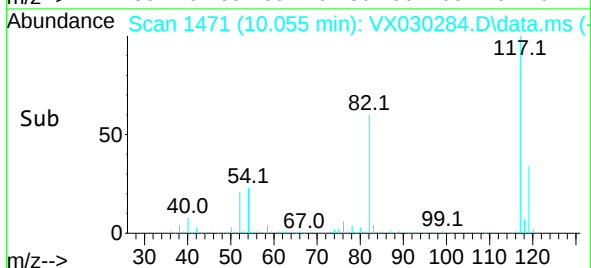
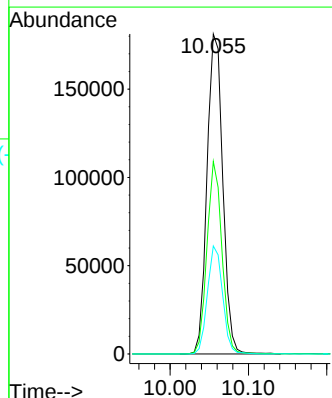
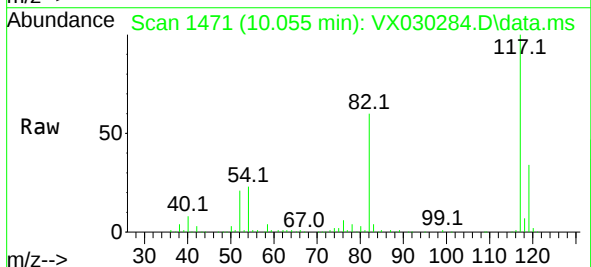
Instrument :
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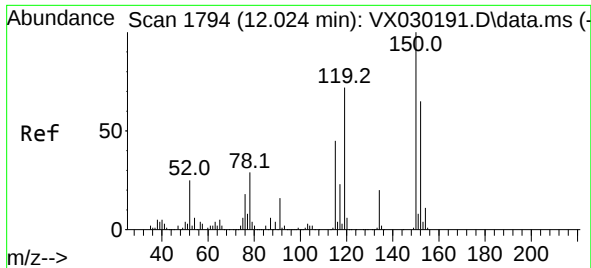
Tgt Ion: 95 Resp: 162288
Ion Ratio Lower Upper
95 100
174 70.7 0.0 149.0
176 69.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030284.D
Acq: 28 Jul 2022 20:53

Tgt Ion: 117 Resp: 252658
Ion Ratio Lower Upper
117 100
82 60.2 42.7 64.1
119 33.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030284.D
 Acq: 28 Jul 2022 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 61422-B

Tgt Ion:152 Resp: 144949
 Ion Ratio Lower Upper
 152 100
 115 60.8 40.5 121.5
 150 158.5 0.0 347.0

