

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030143.D
 Acq On : 20 Jul 2022 19:32
 Operator : JC/MD
 Sample : N3775-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-R-1

Quant Time: Jul 21 03:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

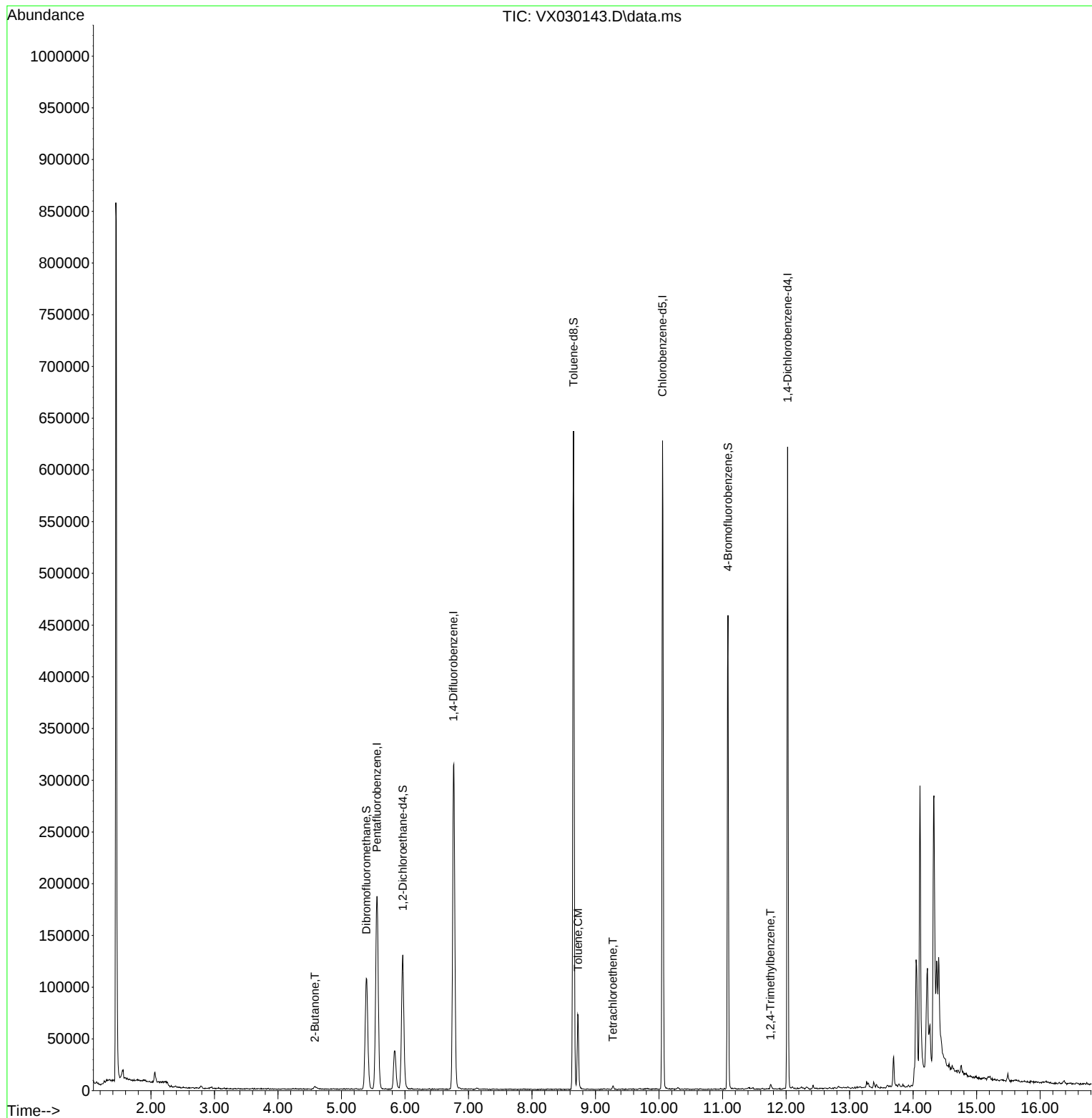
Internal Standards						
1) Pentafluorobenzene	5.556	168	180692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	327383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115277	52.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.820%
35) Dibromofluoromethane	5.391	113	97137	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.653	98	376173	47.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.640%
62) 4-Bromofluorobenzene	11.085	95	123868	45.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
						Qvalue
25) 2-Butanone	4.580	43	3986	2.258	ug/l	93
52) Toluene	8.726	92	26660	4.938	ug/l	97
64) Tetrachloroethene	9.275	164	630	0.278	ug/l #	81
84) 1,2,4-Trimethylbenzene	11.756	105	2027	0.293	ug/l #	57

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

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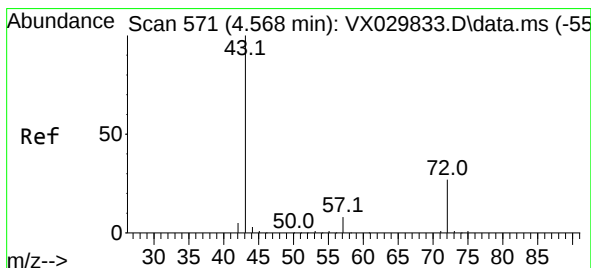
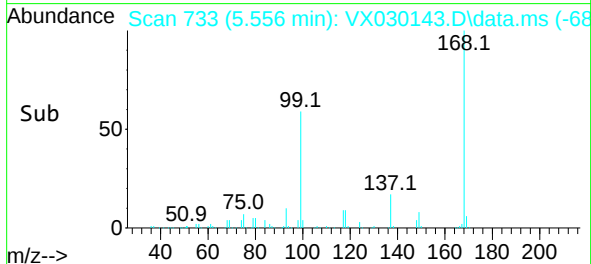
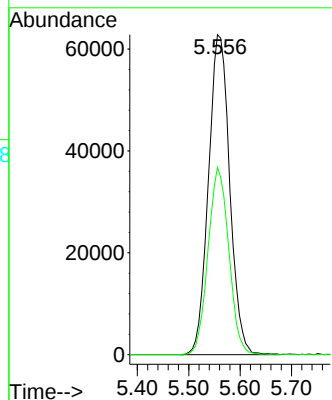
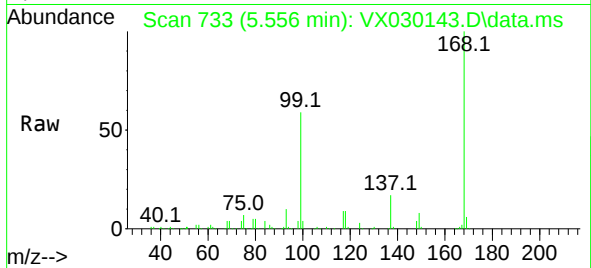




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

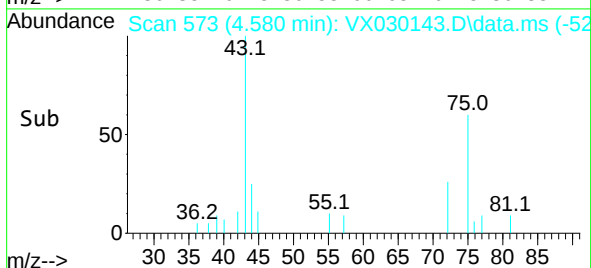
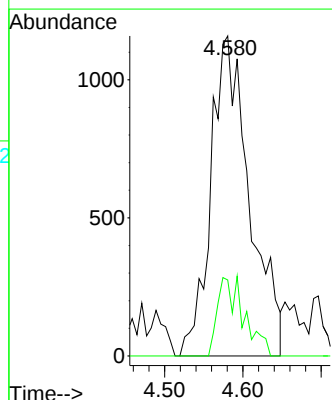
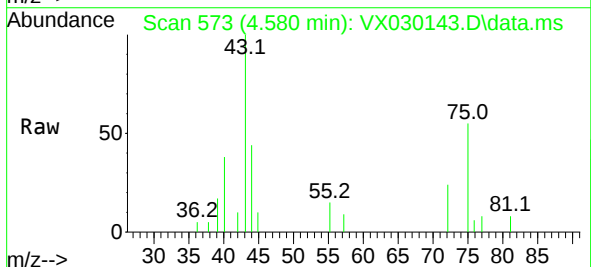
Instrument :
MSVOA_X
ClientSampleId :
M-R-1

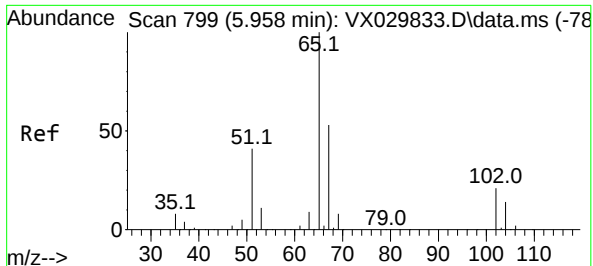
Tgt Ion:168 Resp: 180692
Ion Ratio Lower Upper
168 100
99 58.6 44.0 66.0



#25
2-Butanone
Concen: 2.258 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 43 Resp: 3986
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 52.414 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030143.D

Acq: 20 Jul 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

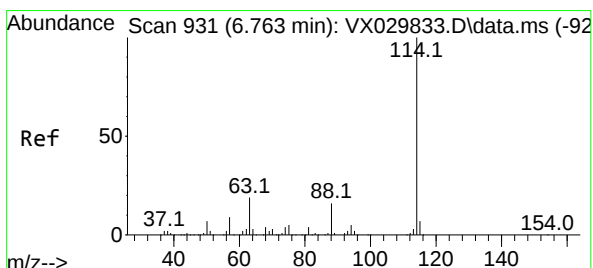
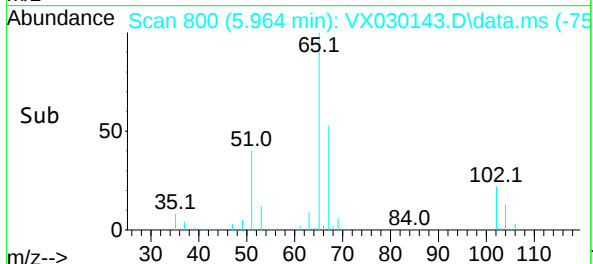
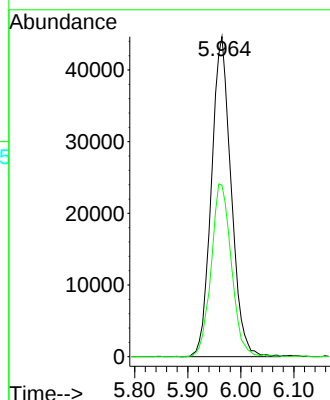
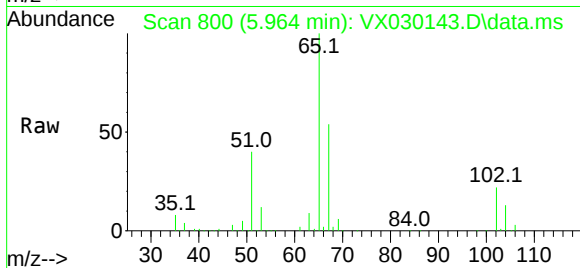
M-R-1

Tgt Ion: 65 Resp: 115277

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX030143.D

Acq: 20 Jul 2022 19:32

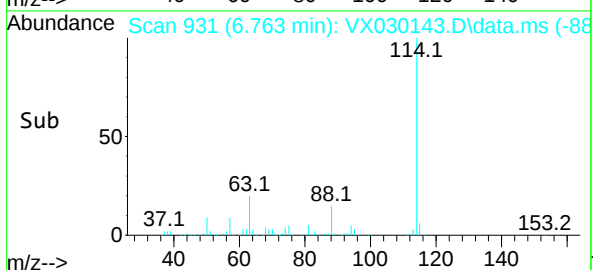
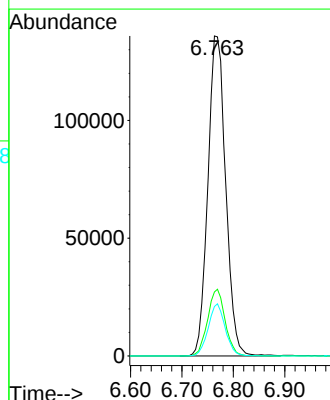
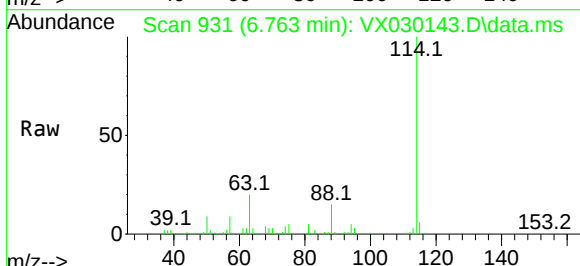
Tgt Ion: 114 Resp: 327383

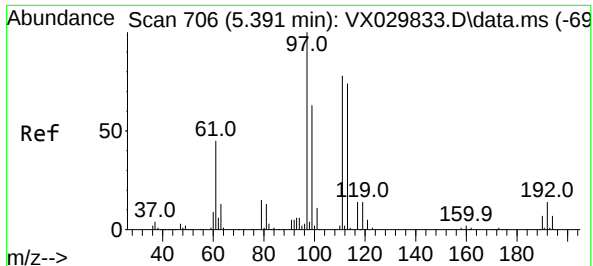
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.445 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030143.D

Acq: 20 Jul 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

M-R-1

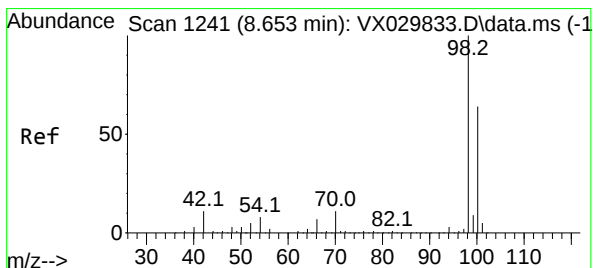
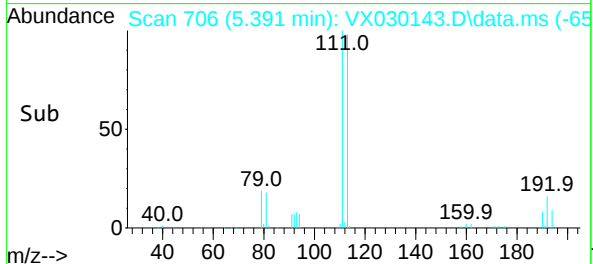
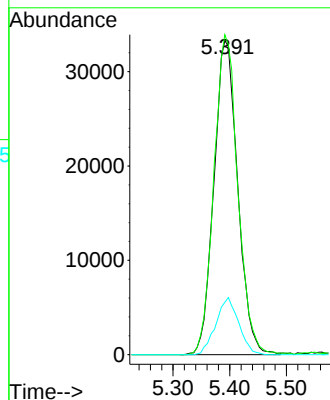
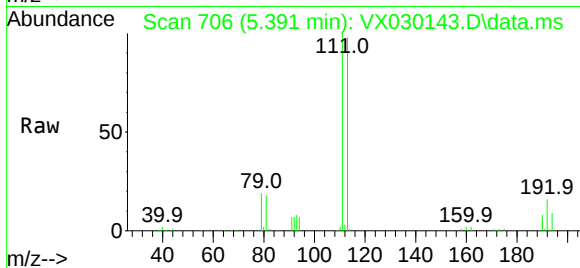
Tgt Ion:113 Resp: 97137

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

192 17.4 14.8 22.2



#50

Toluene-d8

Concen: 47.824 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030143.D

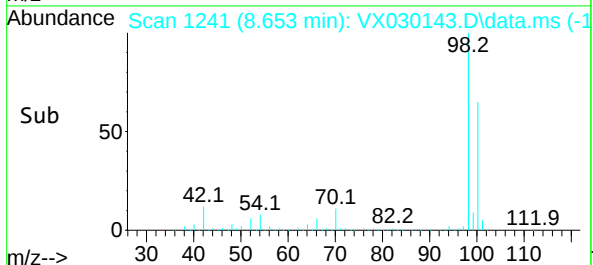
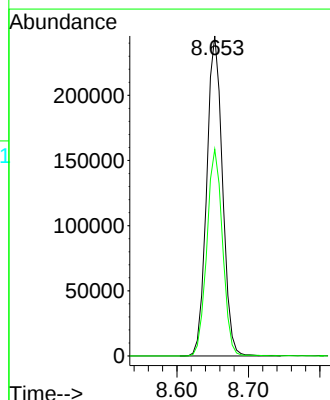
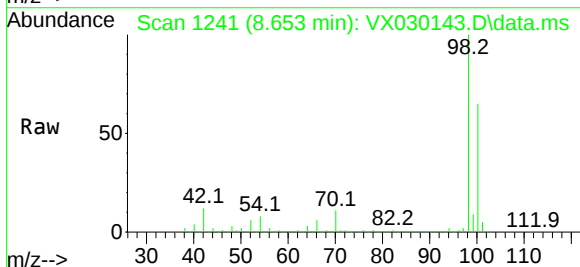
Acq: 20 Jul 2022 19:32

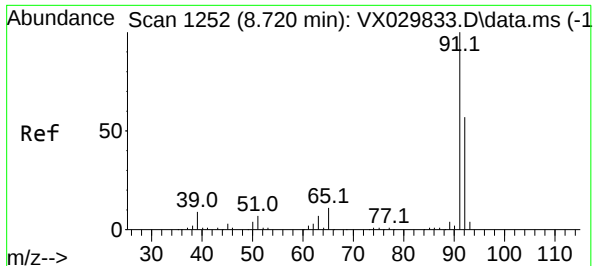
Tgt Ion: 98 Resp: 376173

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

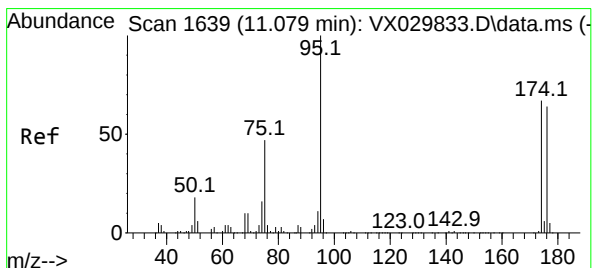
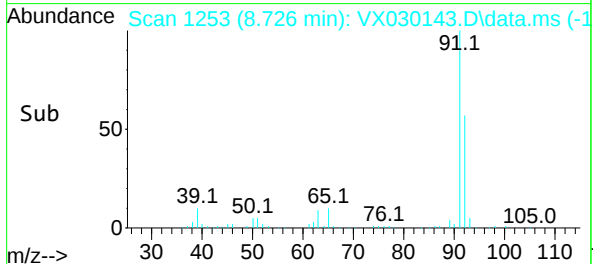
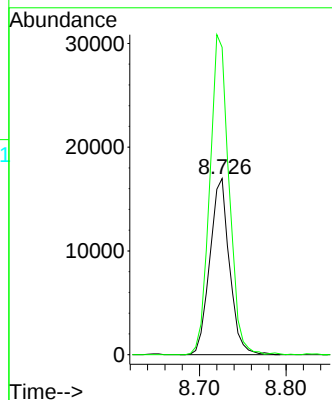
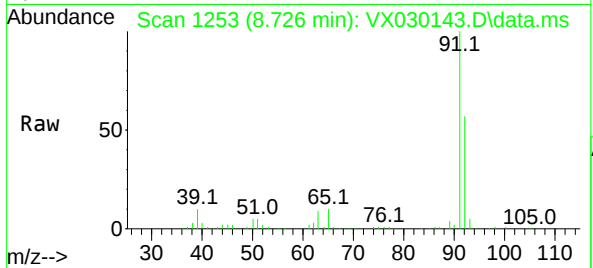




#52
Toluene
Concen: 4.938 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

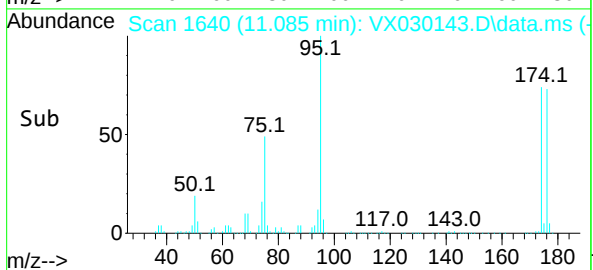
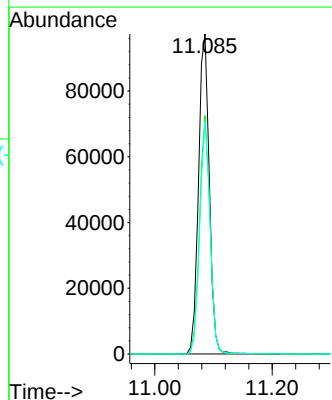
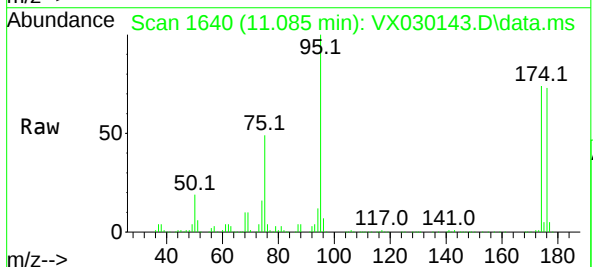
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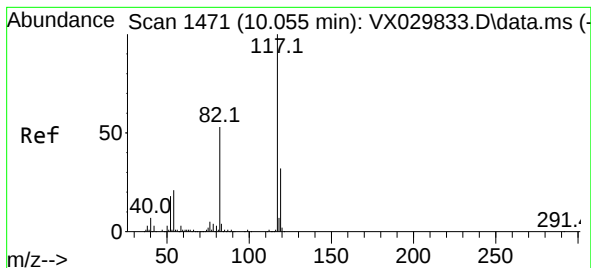
Tgt Ion: 92 Resp: 26660
Ion Ratio Lower Upper
92 100
91 178.6 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 45.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030143.D
Acq: 20 Jul 2022 19:32

Tgt Ion: 95 Resp: 123868
Ion Ratio Lower Upper
95 100
174 73.1 0.0 149.0
176 69.7 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: VX030143.D

Acq: 20 Jul 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

M-R-1

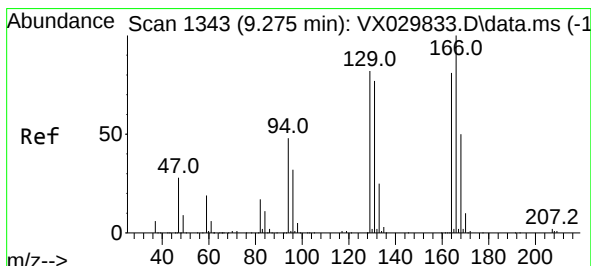
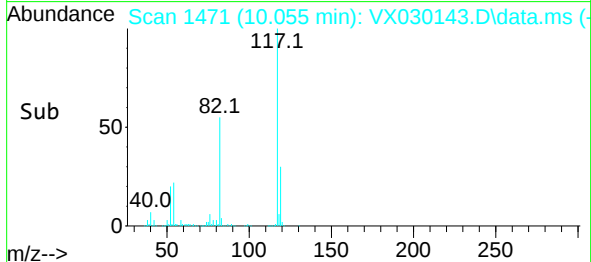
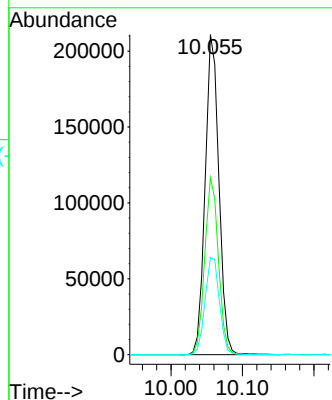
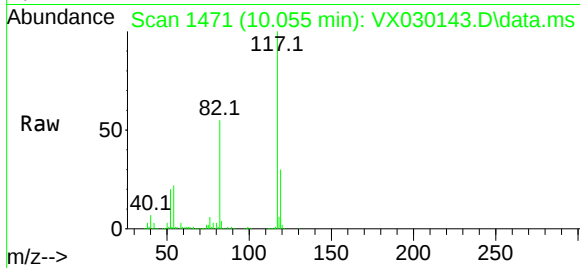
Tgt Ion:117 Resp: 282058

Ion Ratio Lower Upper

117 100

82 55.3 42.7 64.1

119 30.3 25.4 38.2



#64

Tetrachloroethene

Concen: 0.278 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030143.D

Acq: 20 Jul 2022 19:32

Tgt Ion:164 Resp: 630

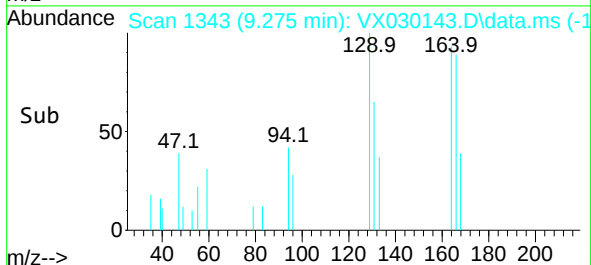
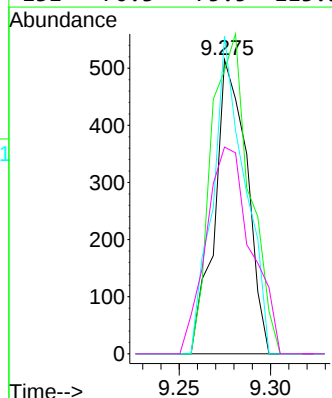
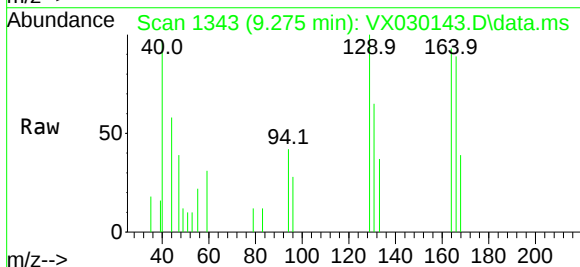
Ion Ratio Lower Upper

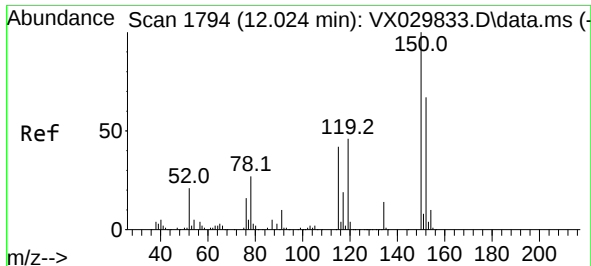
164 100

166 96.3 98.2 147.4#

129 108.0 80.8 121.2

131 70.3 75.5 113.3#

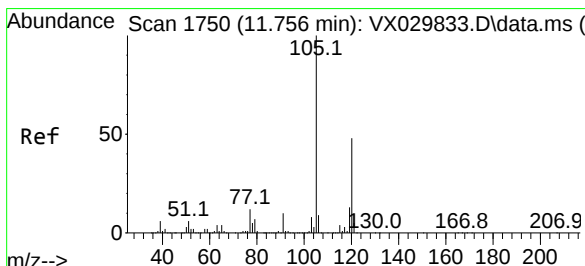
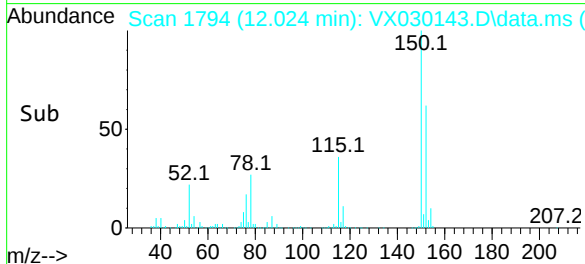
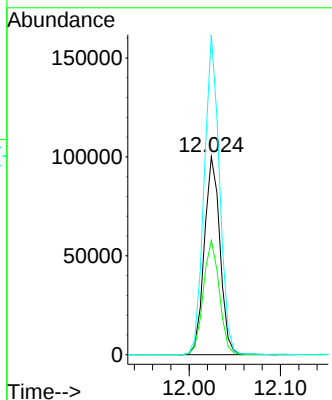
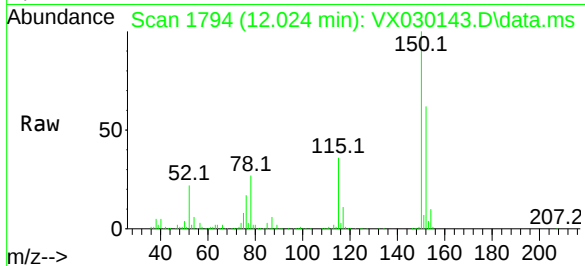




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030143.D
 Acq: 20 Jul 2022 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 M-R-1

Tgt Ion:152 Resp: 119026
 Ion Ratio Lower Upper
 152 100
 115 59.0 40.5 121.5
 150 157.5 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.293 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030143.D
 Acq: 20 Jul 2022 19:32

Tgt Ion:105 Resp: 2027
 Ion Ratio Lower Upper
 105 100
 120 17.4 22.9 68.8#

