

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023042.D
 Acq On : 30 Jun 2021 18:28
 Operator : JC/MD
 Sample : M2897-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1

Quant Time: Jul 01 03:27:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

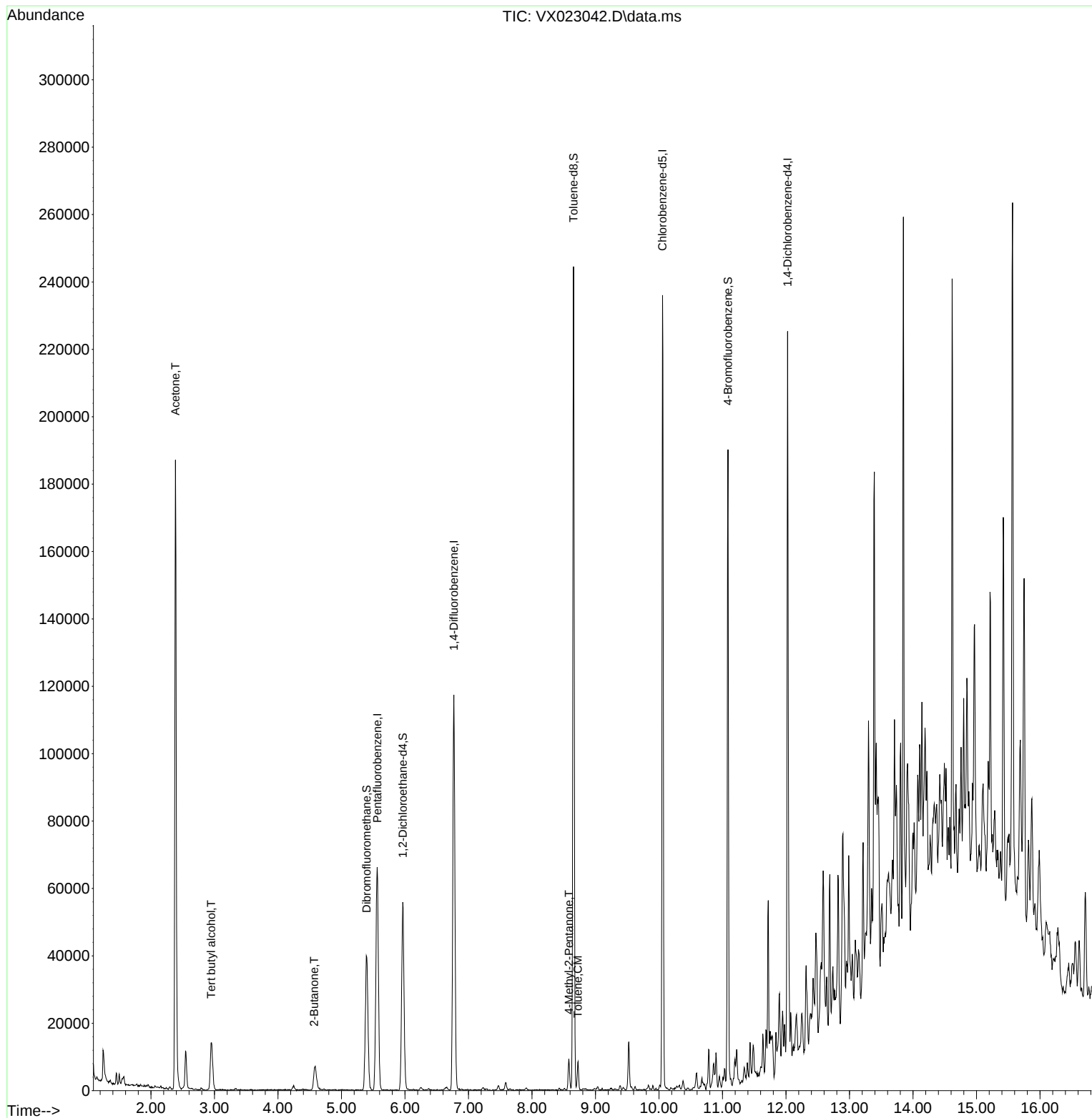
Internal Standards						
1) Pentafluorobenzene	5.562	168	52031	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50705	53.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.400%
35) Dibromofluoromethane	5.397	113	34188	50.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	8.653	98	133421	49.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.085	95	45856	45.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	10460	53.152	ug/l	# 73
16) Acetone	2.386	43	187438	447.759	ug/l	92
25) 2-Butanone	4.568	43	5311	8.159	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	5900	4.452	ug/l	89
52) Toluene	8.720	92	2681	1.345	ug/l	92

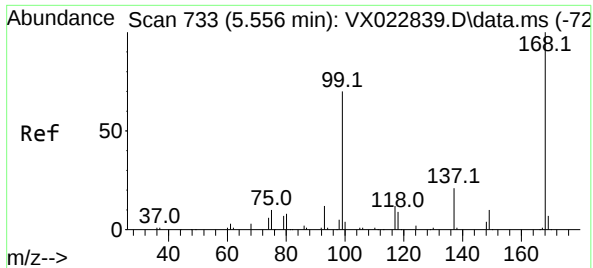
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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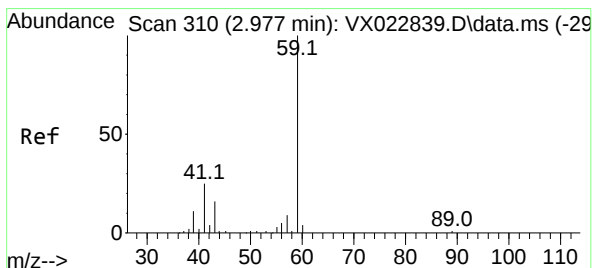
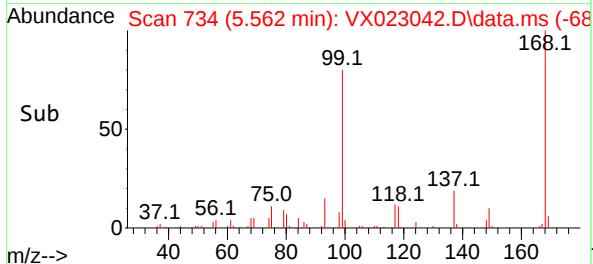
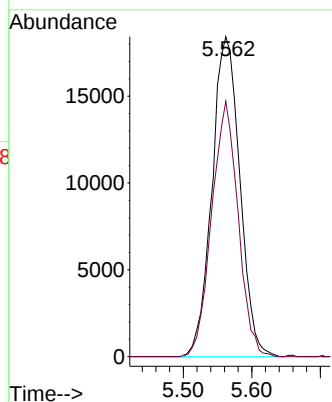
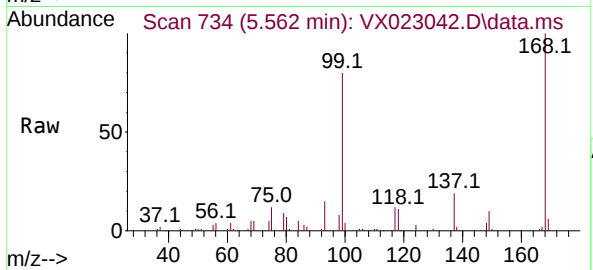




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

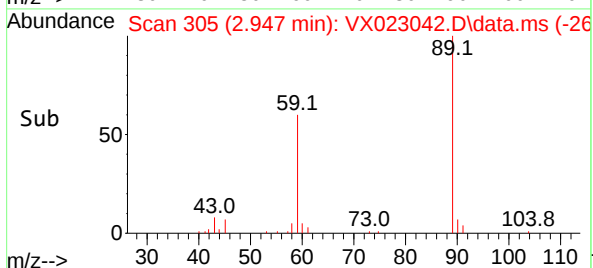
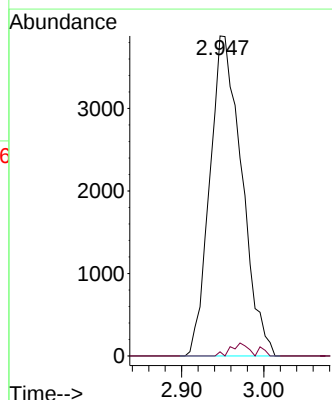
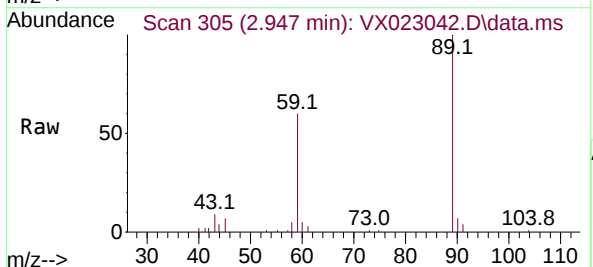
Instrument :
MSVOA_X
ClientSampled :
GW-1

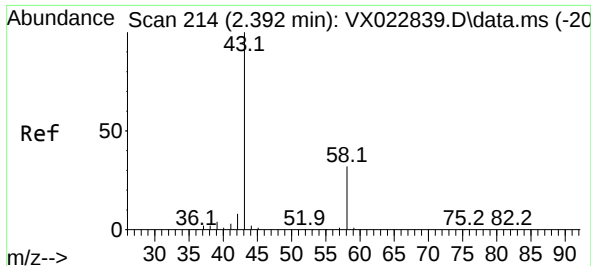
Tgt Ion:168 Resp: 52031
Ion Ratio Lower Upper
168 100
99 79.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 53.152 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

Tgt Ion: 59 Resp: 10460
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

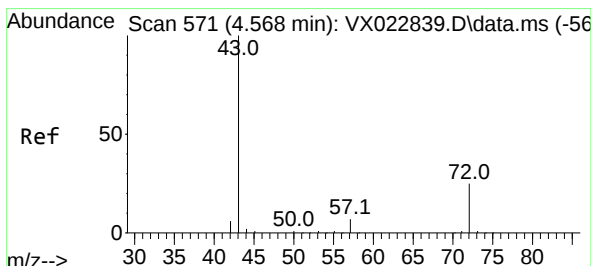
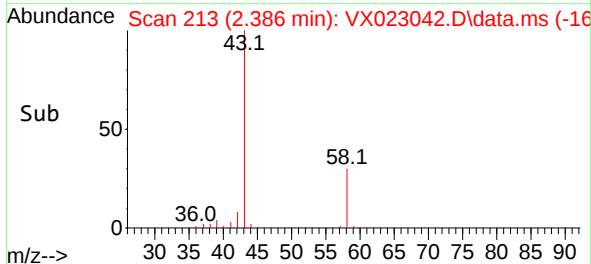
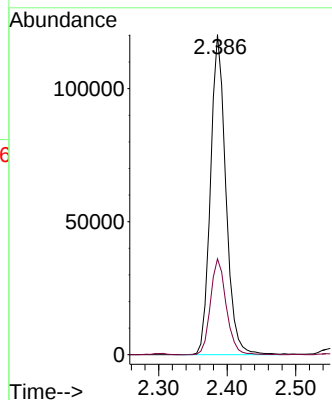
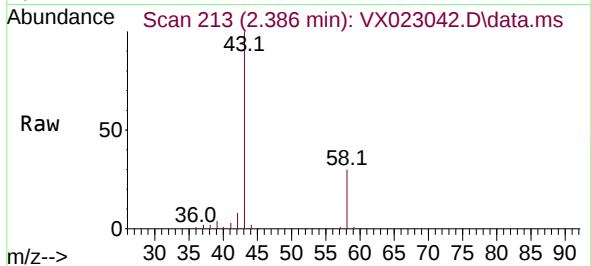




#16
Acetone
Concen: 447.759 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

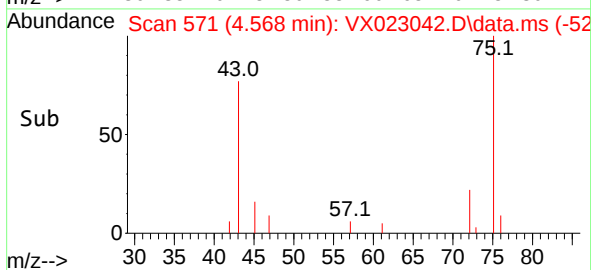
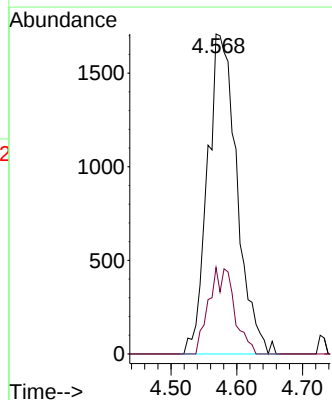
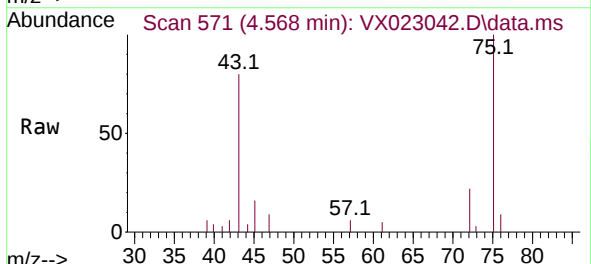
Instrument :
MSVOA_X
ClientSampled :
GW-1

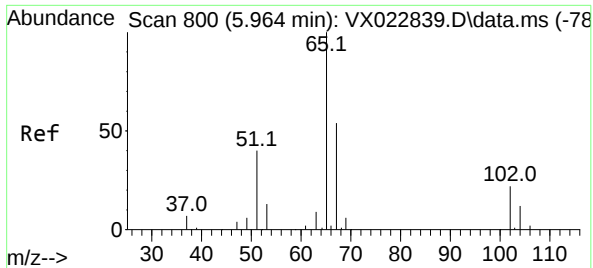
Tgt Ion: 43 Resp: 187438
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#25
2-Butanone
Concen: 8.159 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

Tgt Ion: 43 Resp: 5311
Ion Ratio Lower Upper
43 100
72 27.0 23.7 35.5

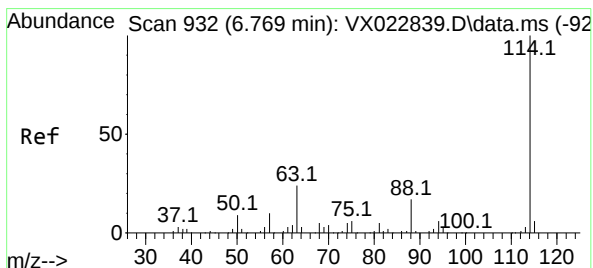
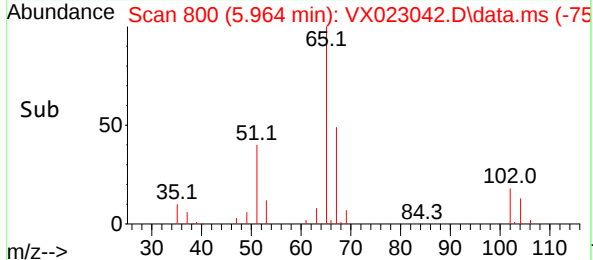
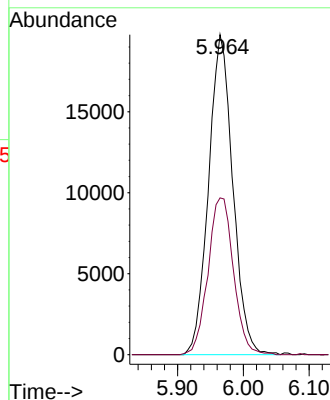
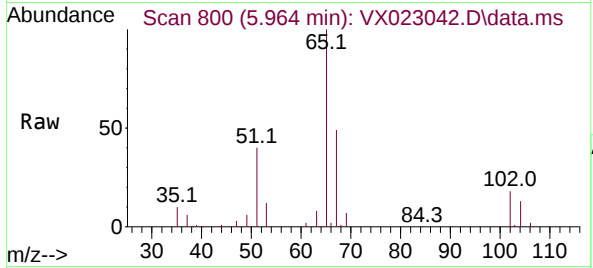




#33
 1,2-Dichloroethane-d4
 Concen: 53.698 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023042.D
 Acq: 30 Jun 2021 18:28

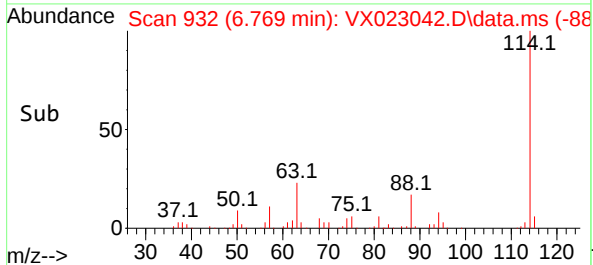
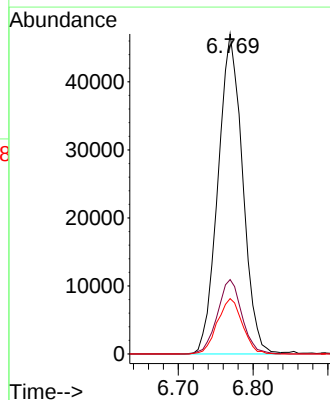
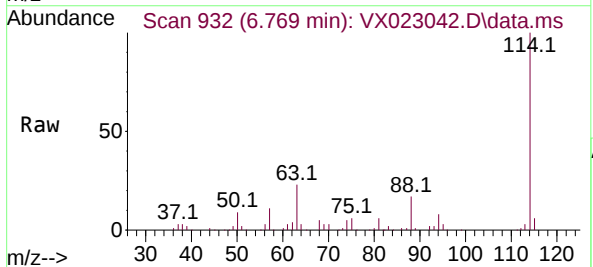
Instrument :
 MSVOA_X
 ClientSampled :
 GW-1

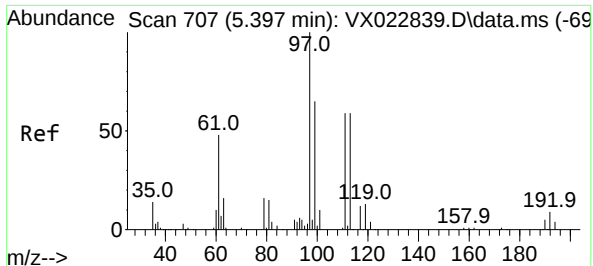
Tgt Ion: 65 Resp: 50705
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023042.D
 Acq: 30 Jun 2021 18:28

Tgt Ion: 114 Resp: 107652
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 40.8
 88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023042.D

Acq: 30 Jun 2021 18:28

Instrument :

MSVOA_X

ClientSampleId :

GW-1

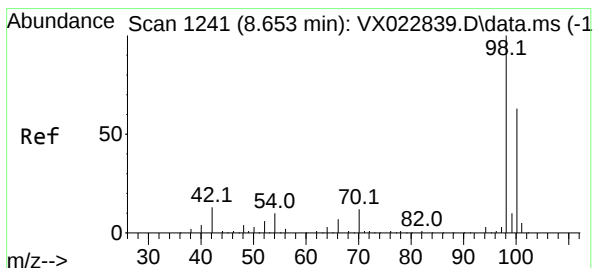
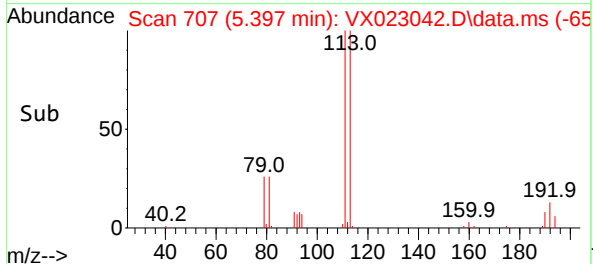
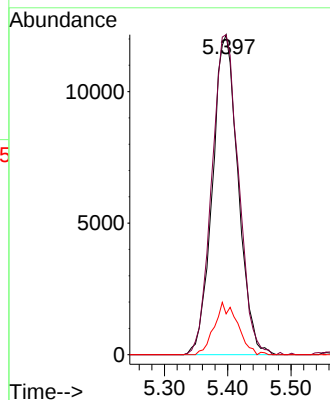
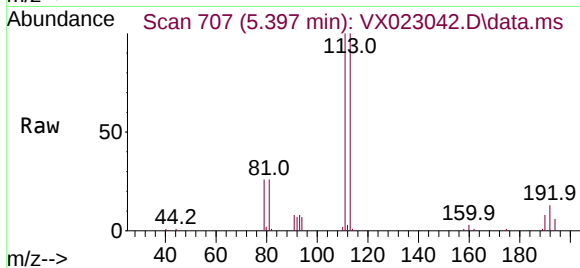
Tgt Ion:113 Resp: 34188

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 14.9 16.7 25.1#



#50

Toluene-d8

Concen: 49.798 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023042.D

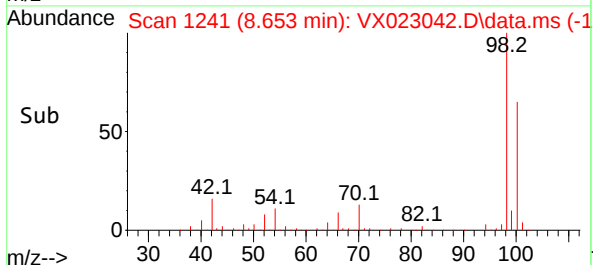
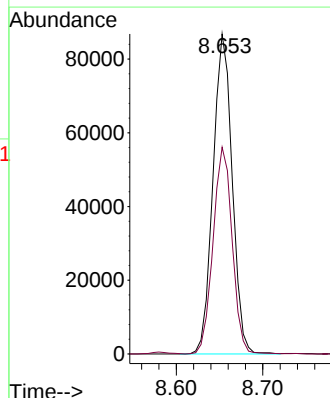
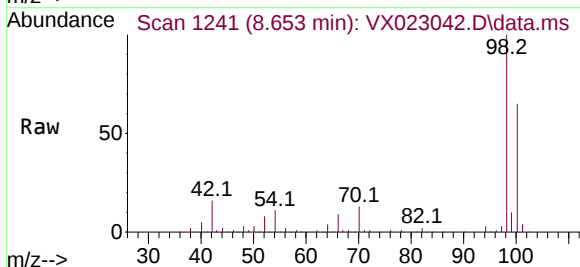
Acq: 30 Jun 2021 18:28

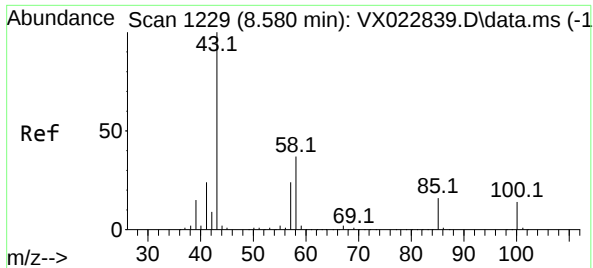
Tgt Ion: 98 Resp: 133421

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9

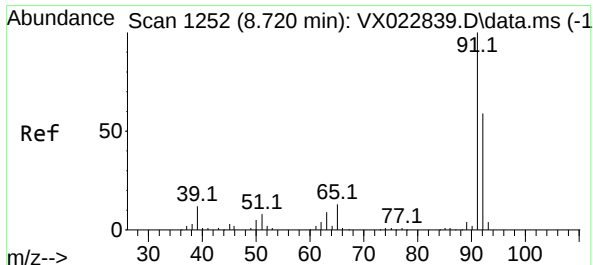
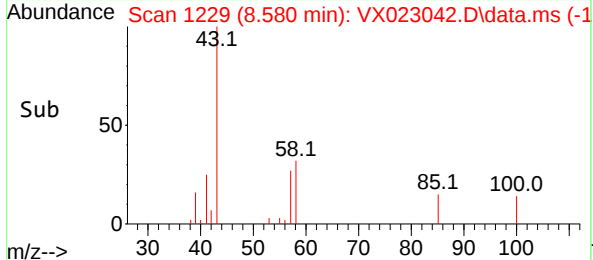
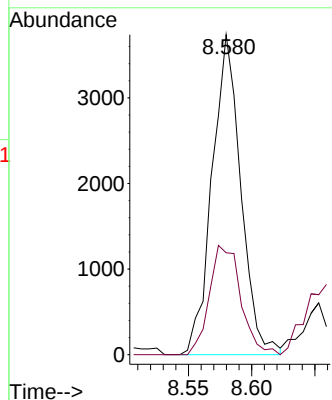
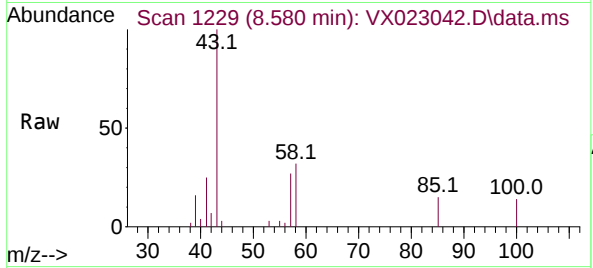




#51
4-Methyl-2-Pentanone
Concen: 4.452 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

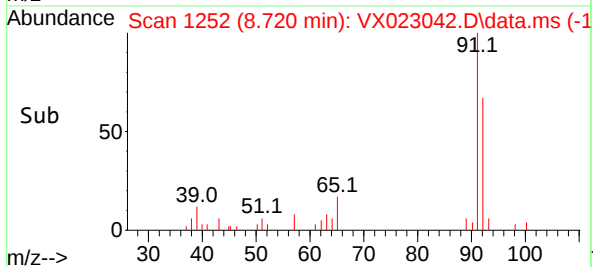
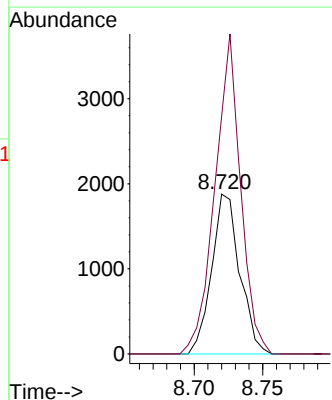
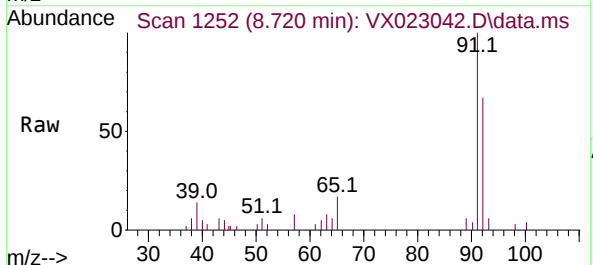
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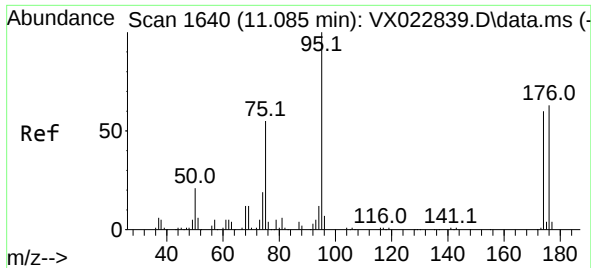
Tgt Ion: 43 Resp: 5900
Ion Ratio Lower Upper
43 100
58 37.3 35.4 53.0



#52
Toluene
Concen: 1.345 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

Tgt Ion: 92 Resp: 2681
Ion Ratio Lower Upper
92 100
91 182.8 137.1 205.7

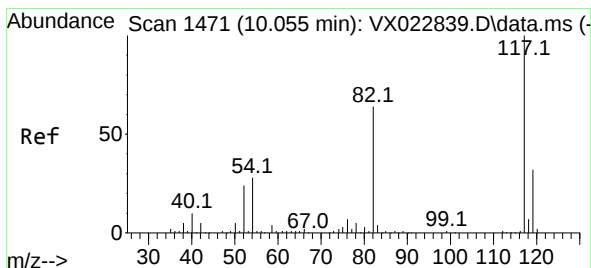
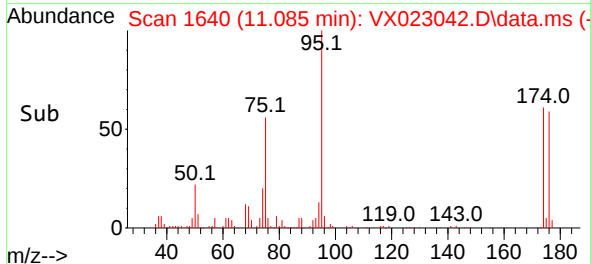
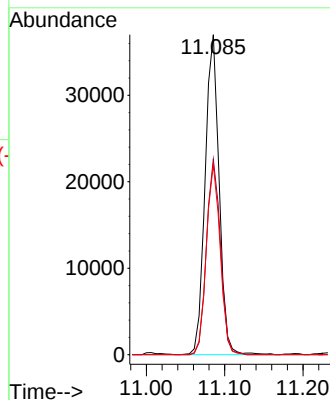
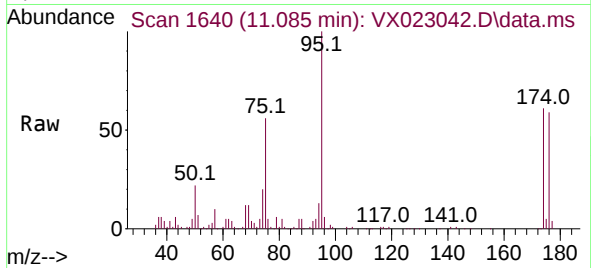




#62
4-Bromofluorobenzene
Concen: 45.860 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

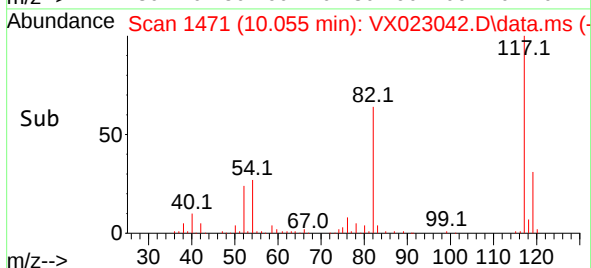
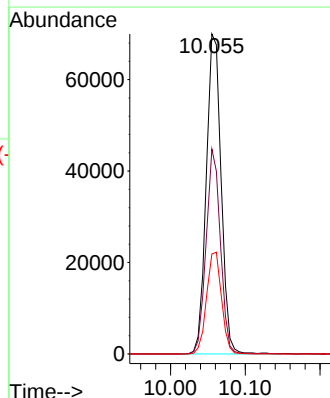
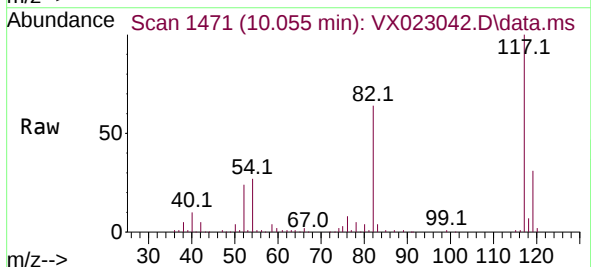
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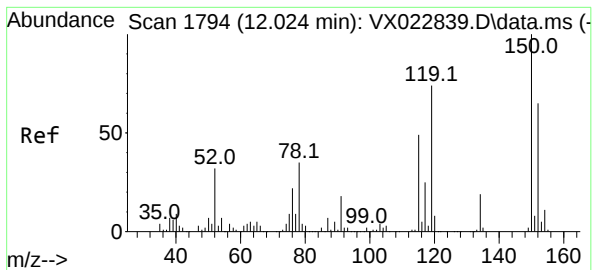
Tgt Ion: 95 Resp: 45856
Ion Ratio Lower Upper
95 100
174 60.8 0.0 154.6
176 58.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023042.D
Acq: 30 Jun 2021 18:28

Tgt Ion: 117 Resp: 96590
Ion Ratio Lower Upper
117 100
82 64.0 47.4 71.2
119 31.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023042.D
 Acq: 30 Jun 2021 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1

Tgt Ion:152 Resp: 35585
 Ion Ratio Lower Upper
 152 100
 115 71.4 41.1 123.3
 150 162.1 0.0 349.0

