

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035620.D
 Acq On : 11 May 2023 20:10
 Operator : JC/MD
 Sample : 02752-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230510054-02-VOA

Quant Time: May 12 03:55:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

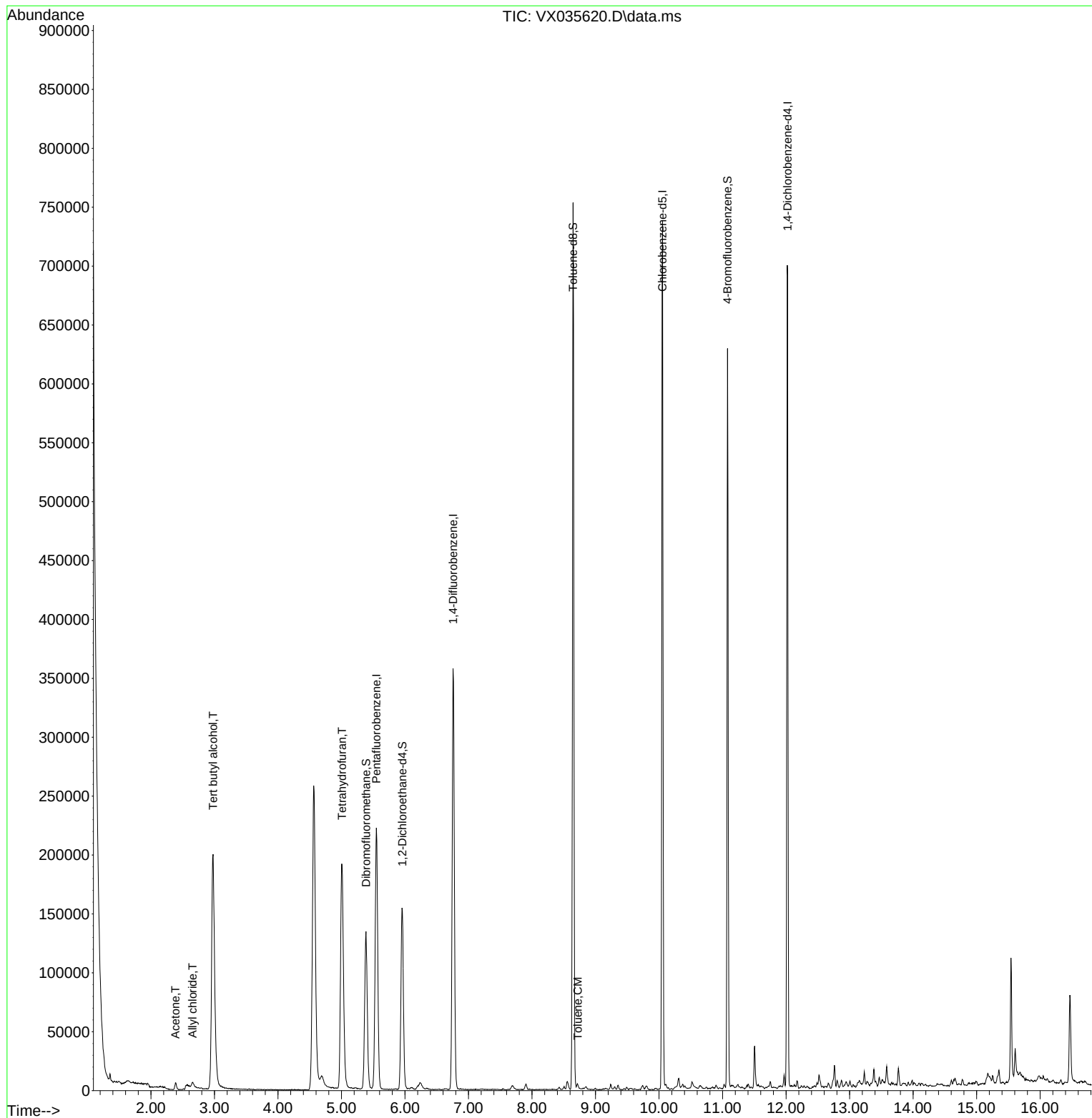
Internal Standards						
1) Pentafluorobenzene	5.550	168	188860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	341573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158177	48.009	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.020%	
35) Dibromofluoromethane	5.385	113	112266	48.736	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.480%	
50) Toluene-d8	8.647	98	409793	48.155	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.300%	
62) 4-Bromofluorobenzene	11.079	95	166174	48.497	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.000%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	352903	607.115	ug/l	99
14) Allyl chloride	2.654	41	5323	1.181	ug/l	# 51
16) Acetone	2.386	43	4407	3.112	ug/l	# 76
29) Tetrahydrofuran	5.007	42	190673	154.754	ug/l	97
52) Toluene	8.720	92	1310	0.204	ug/l	94

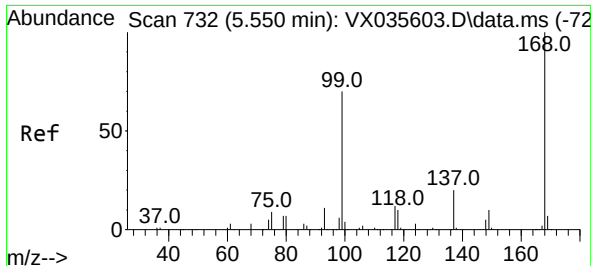
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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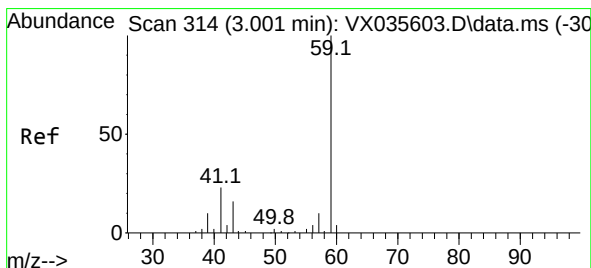
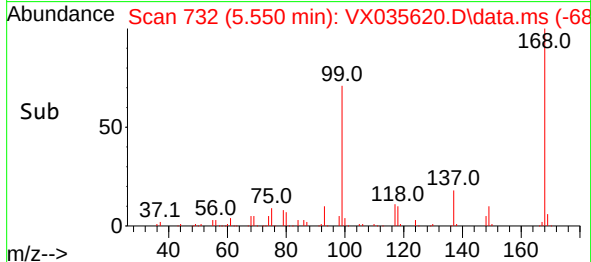
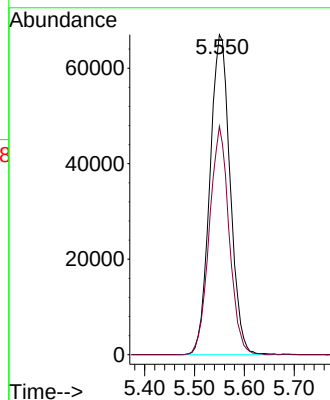
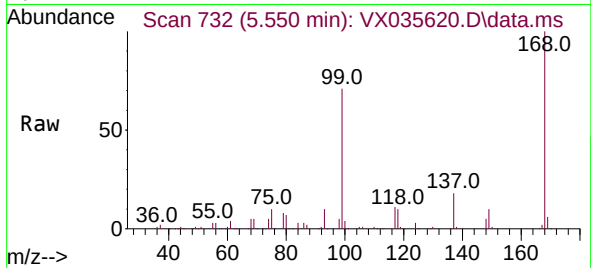




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035620.D
Acq: 11 May 2023 20:10

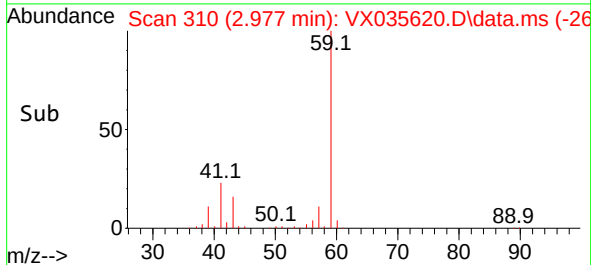
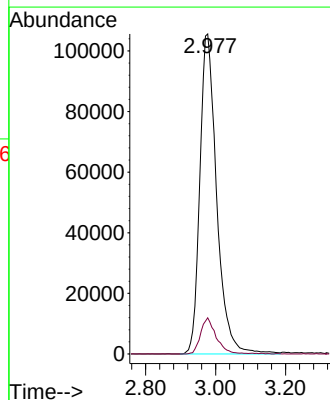
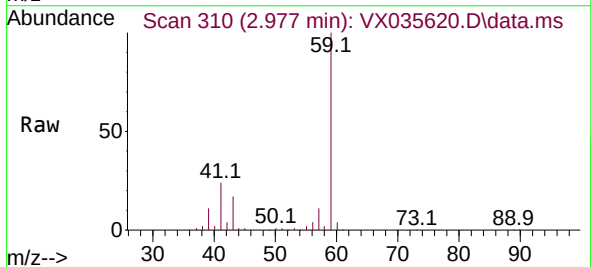
Instrument :
MSVOA_X
ClientSampleId :
230510054-02-VOA

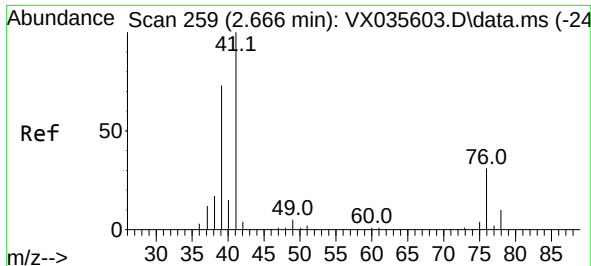
Tgt Ion:168 Resp: 188860
Ion Ratio Lower Upper
168 100
99 71.4 45.7 68.5#



#11
Tert butyl alcohol
Concen: 607.115 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.024 min
Lab File: VX035620.D
Acq: 11 May 2023 20:10

Tgt Ion: 59 Resp: 352903
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1





#14

Allyl chloride

Concen: 1.181 ug/l

RT: 2.654 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035620.D

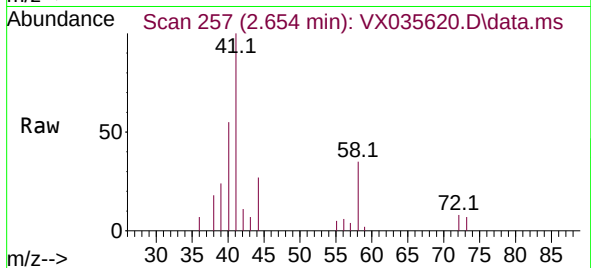
Acq: 11 May 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

230510054-02-VOA



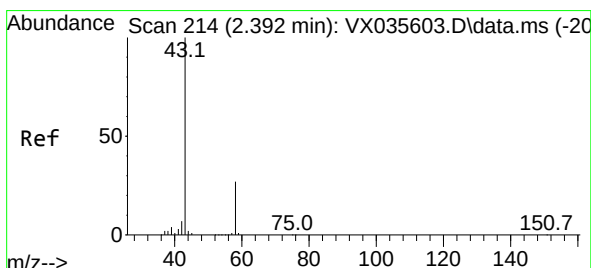
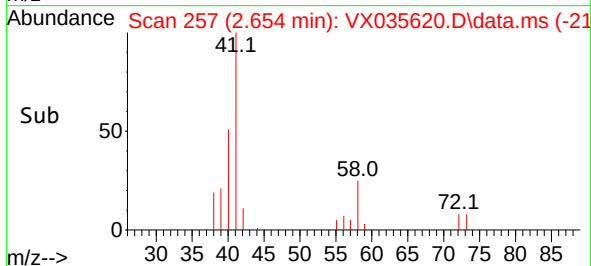
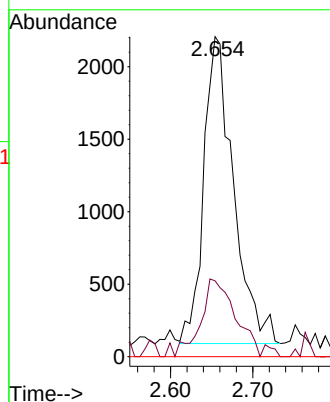
Tgt Ion: 41 Resp: 5323

Ion Ratio Lower Upper

41 100

39 30.0 52.4 78.6#

76 0.0 26.0 39.0#



#16

Acetone

Concen: 3.112 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX035620.D

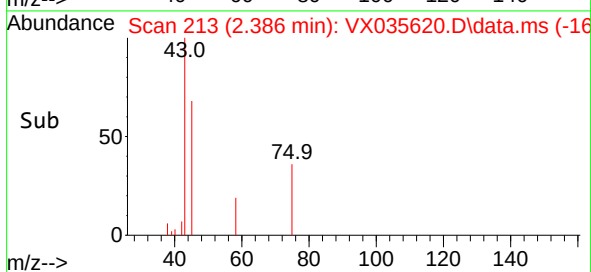
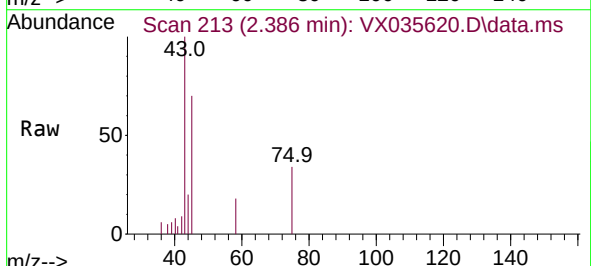
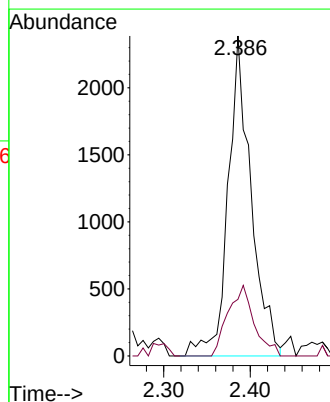
Acq: 11 May 2023 20:10

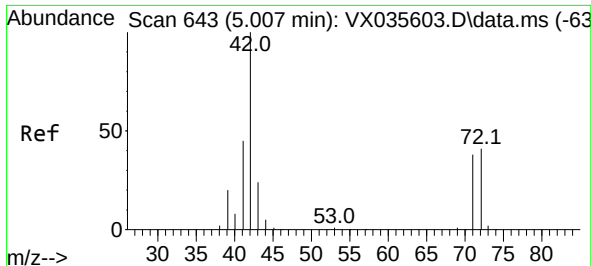
Tgt Ion: 43 Resp: 4407

Ion Ratio Lower Upper

43 100

58 17.7 24.7 37.1#





#29

Tetrahydrofuran

Concen: 154.754 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035620.D

Acq: 11 May 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

230510054-02-VOA

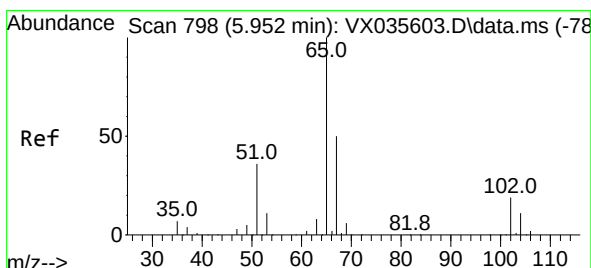
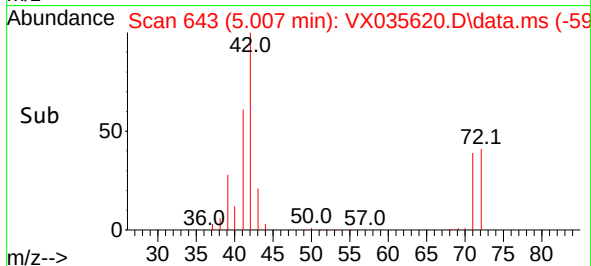
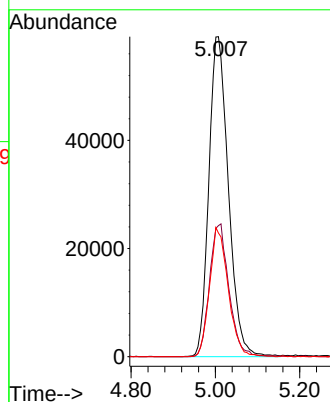
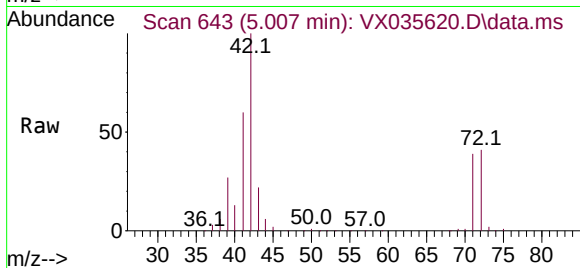
Tgt Ion: 42 Resp: 190673

Ion Ratio Lower Upper

42 100

72 41.2 34.5 51.7

71 38.6 32.1 48.1



#33

1,2-Dichloroethane-d4

Concen: 48.009 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035620.D

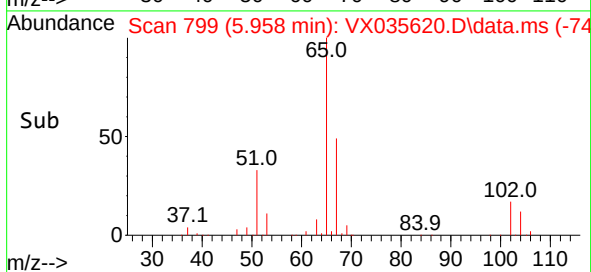
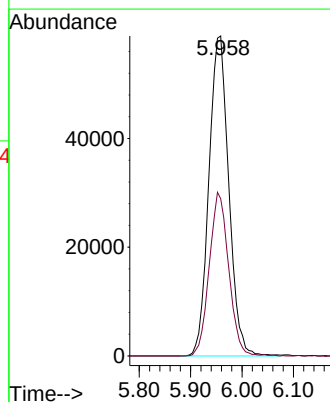
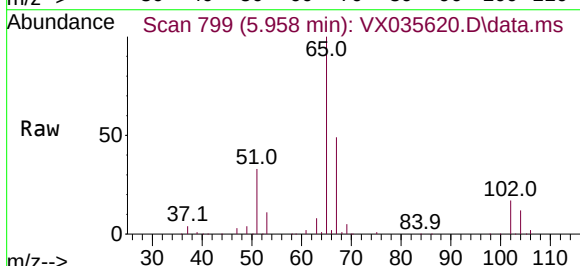
Acq: 11 May 2023 20:10

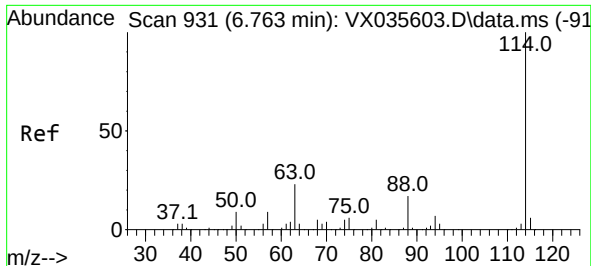
Tgt Ion: 65 Resp: 158177

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.0

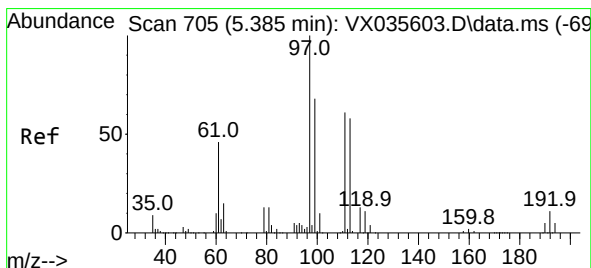
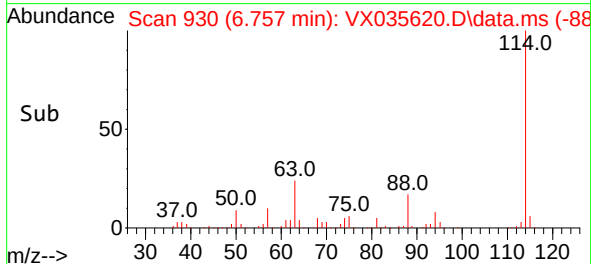
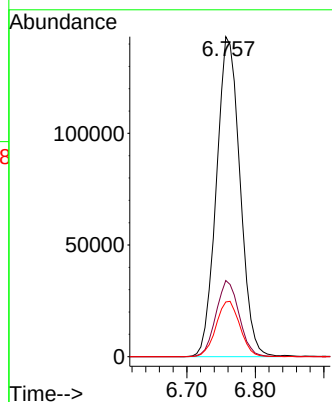
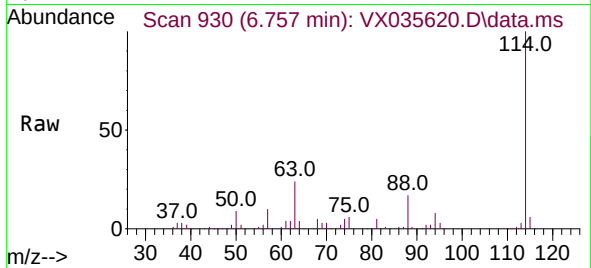




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035620.D
Acq: 11 May 2023 20:10

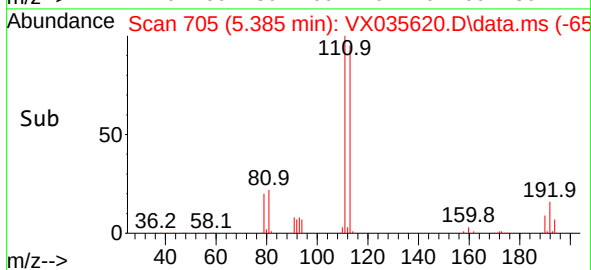
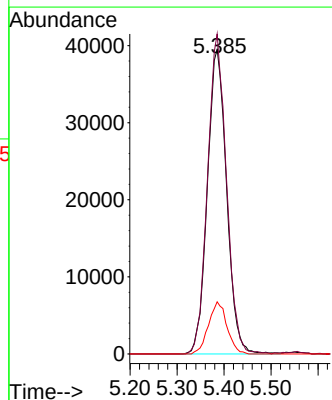
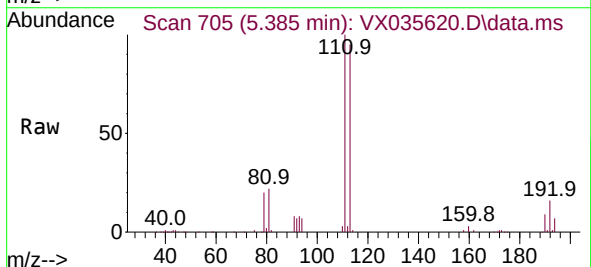
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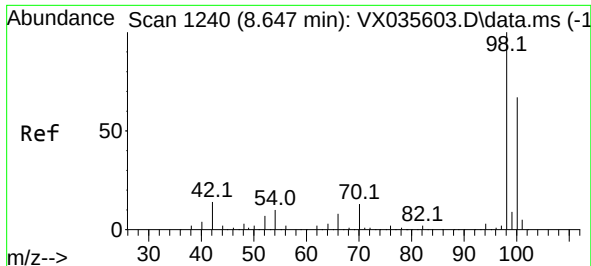
Tgt Ion:114 Resp: 341573
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.736 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035620.D
Acq: 11 May 2023 20:10

Tgt Ion:113 Resp: 112266
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 16.5 15.4 23.2

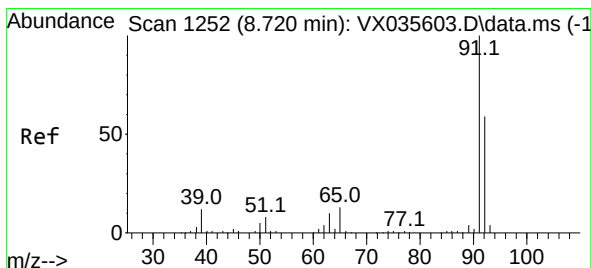
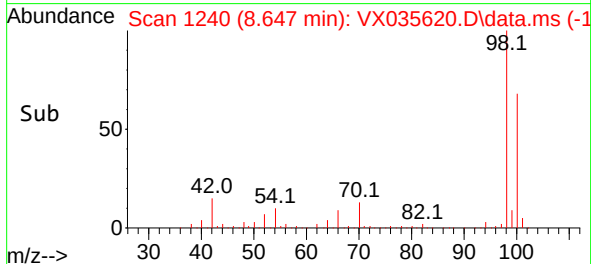
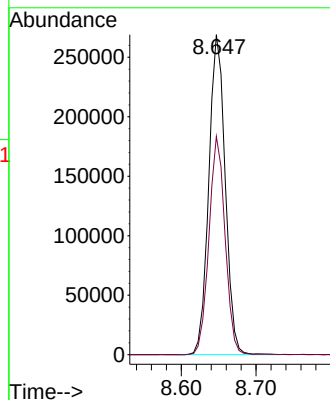
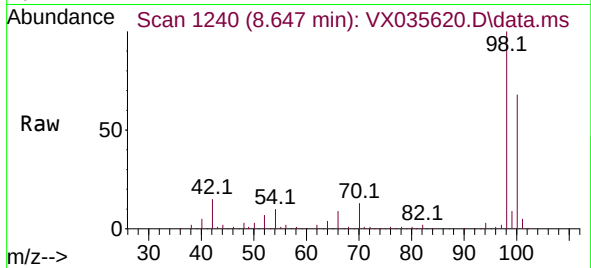




#50
Toluene-d8
Concen: 48.155 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035620.D
Acq: 11 May 2023 20:10

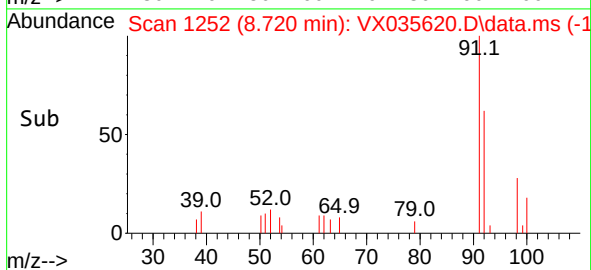
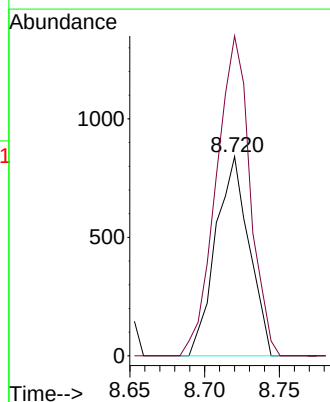
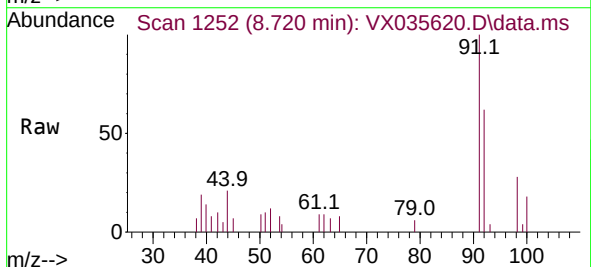
Instrument :
MSVOA_X
ClientSampleId :
230510054-02-VOA

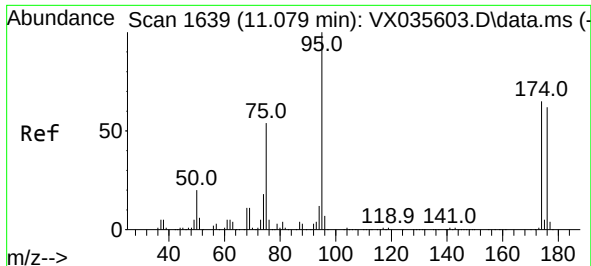
Tgt Ion: 98 Resp: 409793
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#52
Toluene
Concen: 0.204 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035620.D
Acq: 11 May 2023 20:10

Tgt Ion: 92 Resp: 1310
Ion Ratio Lower Upper
92 100
91 162.7 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 48.497 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035620.D

Acq: 11 May 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

230510054-02-VOA

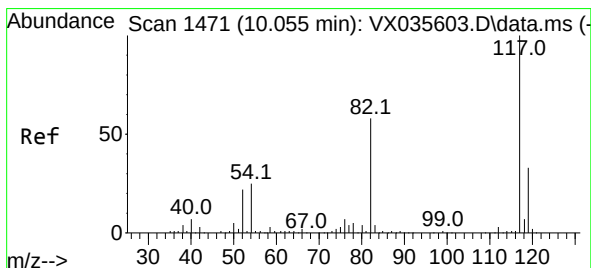
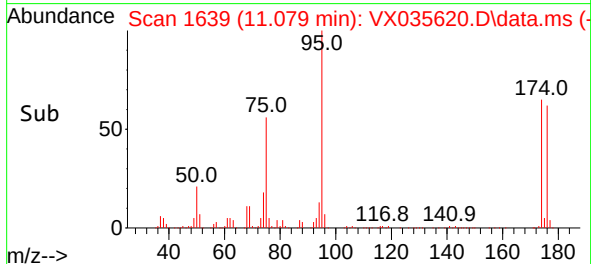
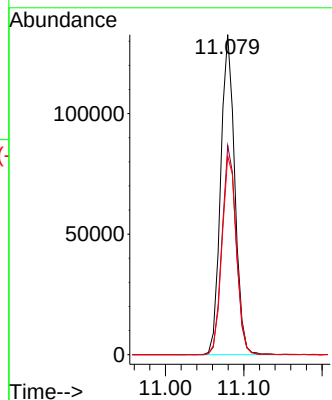
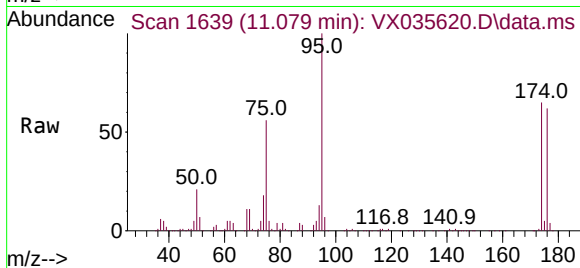
Tgt Ion: 95 Resp: 166174

Ion Ratio Lower Upper

95 100

174 65.4 0.0 147.4

176 63.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035620.D

Acq: 11 May 2023 20:10

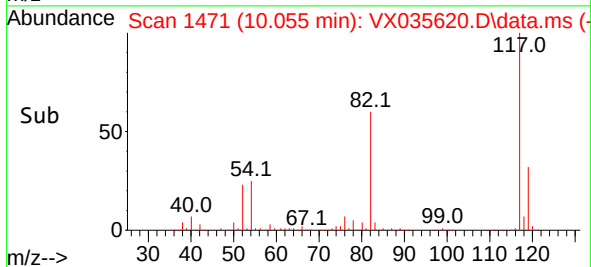
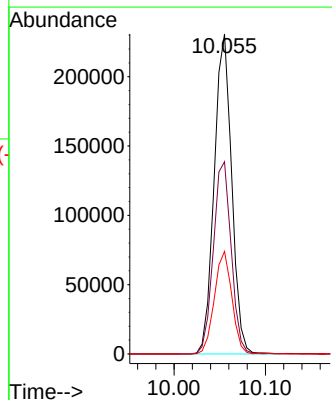
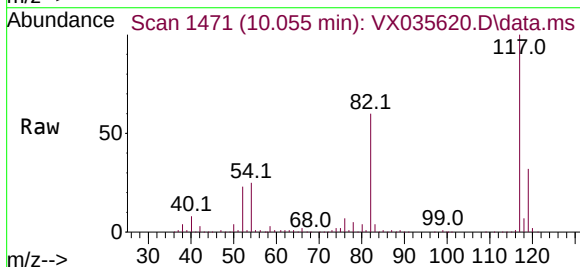
Tgt Ion: 117 Resp: 306777

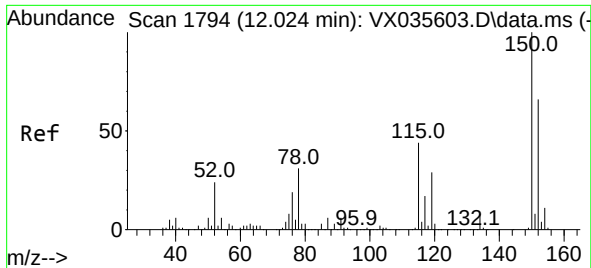
Ion Ratio Lower Upper

117 100

82 60.0 45.0 67.4

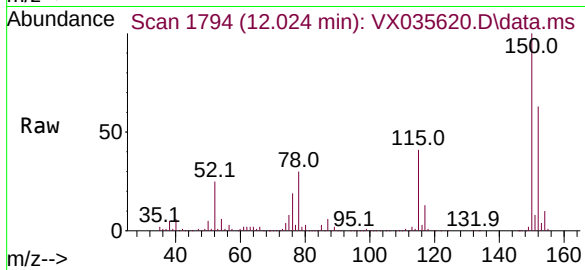
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035620.D
 Acq: 11 May 2023 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 230510054-02-VOA



Tgt Ion:152 Resp: 135730
 Ion Ratio Lower Upper
 152 100
 115 66.9 45.0 135.0
 150 158.7 0.0 352.4

