

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036923.D
 Acq On : 10 Aug 2023 19:18
 Operator : JC/MD
 Sample : 03955-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-22

Quant Time: Aug 11 01:50:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

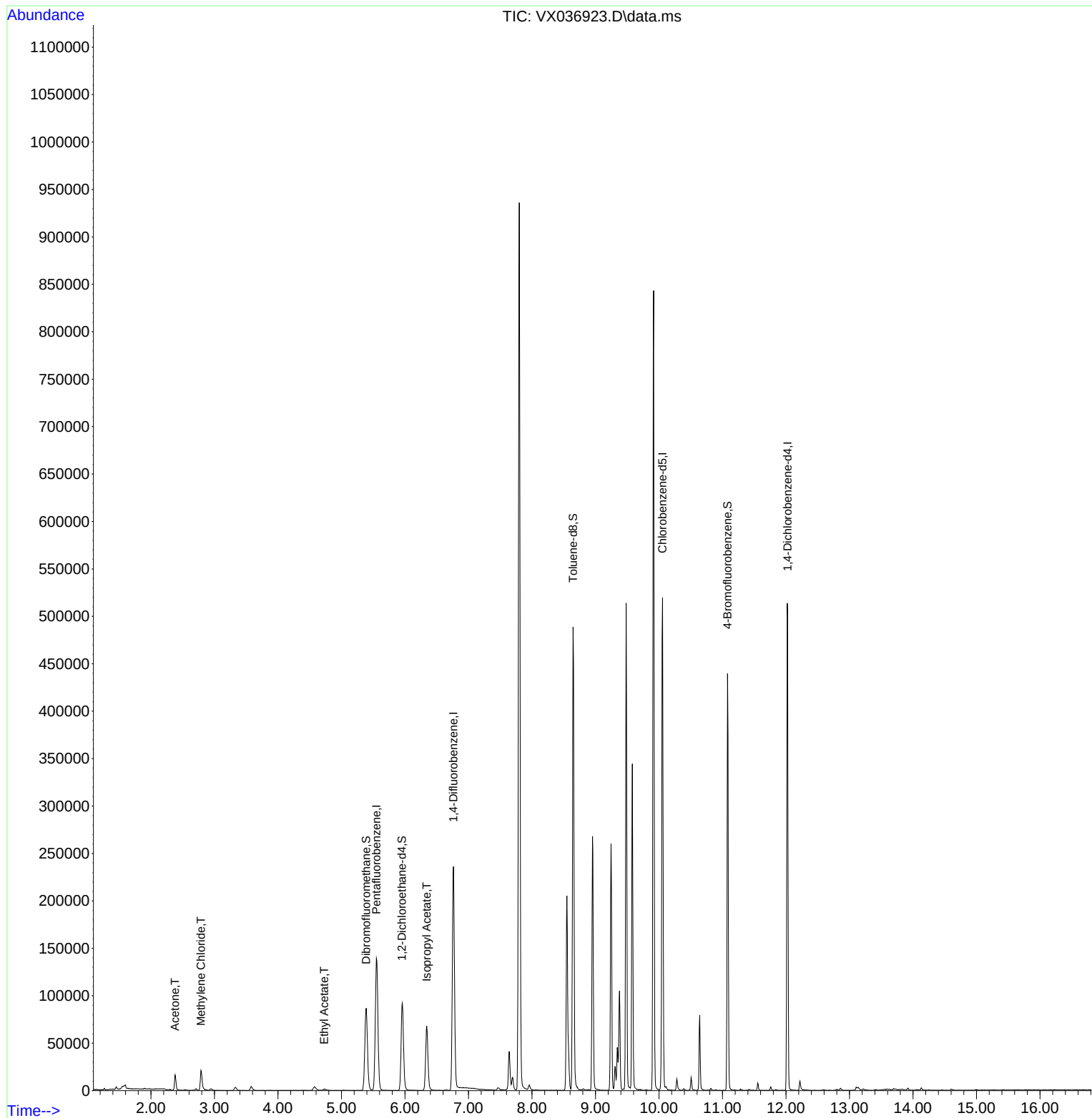
Internal Standards						
1) Pentafluorobenzene	5.550	168	129497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91399	47.701	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.400%
35) Dibromofluoromethane	5.385	113	77209	46.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.647	98	292895	49.868	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	117423	52.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.980%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	17081	21.483	ug/l	95
20) Methylene Chloride	2.788	84	11353	6.420	ug/l	91
37) Ethyl Acetate	4.727	43	3014	1.079	ug/l #	83
43) Isopropyl Acetate	6.342	43	92242	19.179	ug/l	94

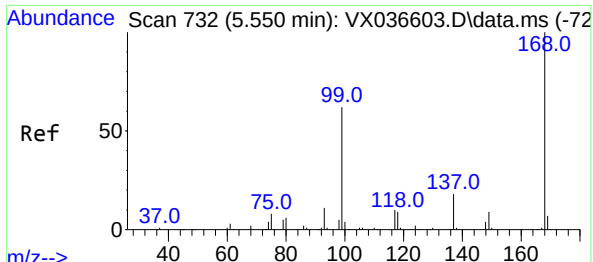
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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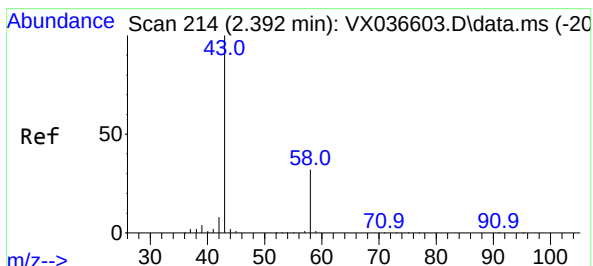
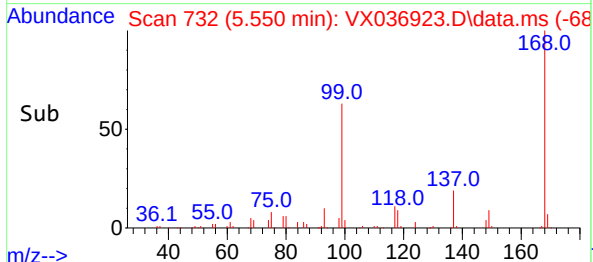
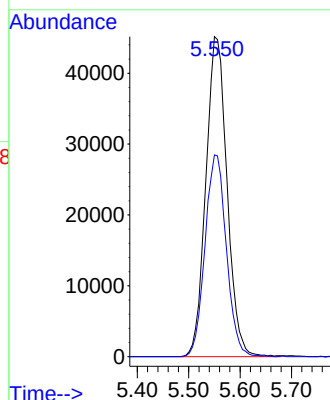
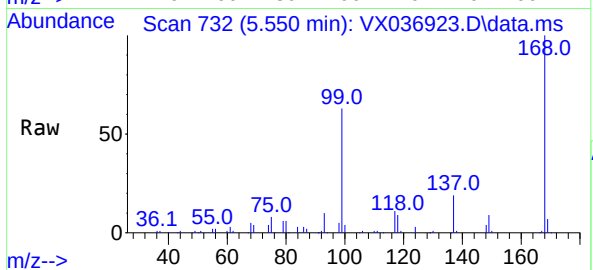




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

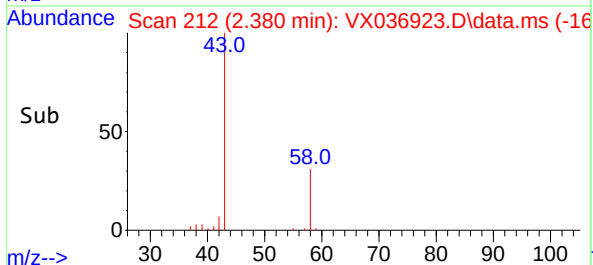
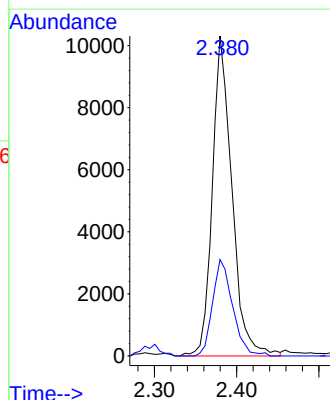
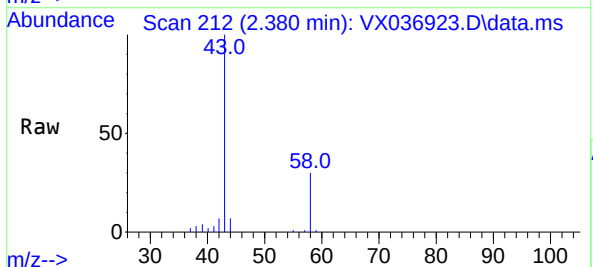
Instrument :
MSVOA_X
ClientSampleId :
WC-22

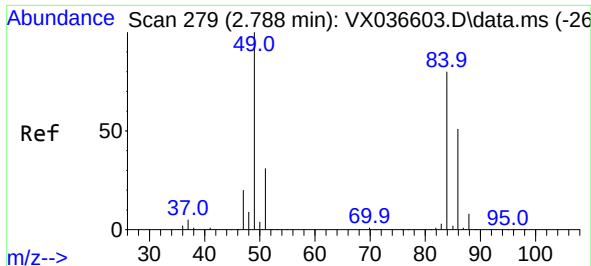
Tgt Ion:168 Resp: 129497
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#16
Acetone
Concen: 21.483 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion: 43 Resp: 17081
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#20

Methylene Chloride

Concen: 6.420 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

WC-22

Tgt Ion: 84 Resp: 11353

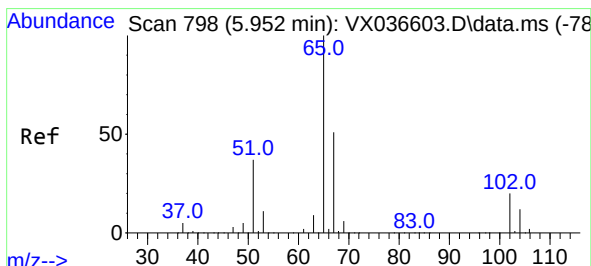
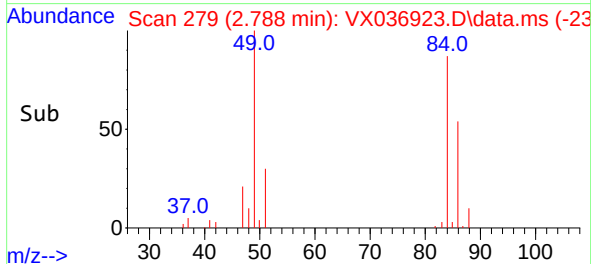
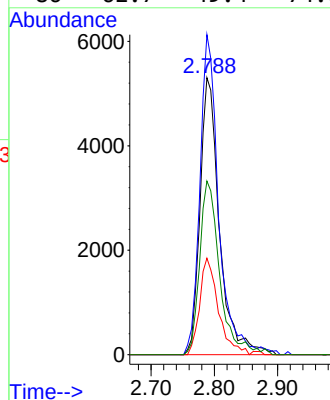
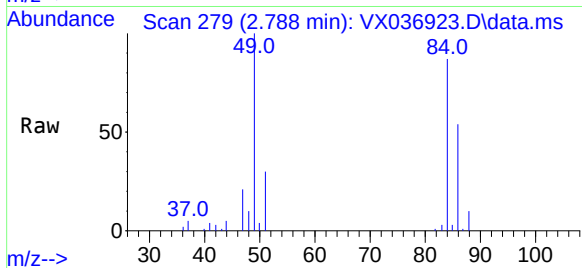
Ion Ratio Lower Upper

84 100

49 115.6 103.6 155.4

51 34.8 33.8 50.6

86 62.7 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 47.701 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036923.D

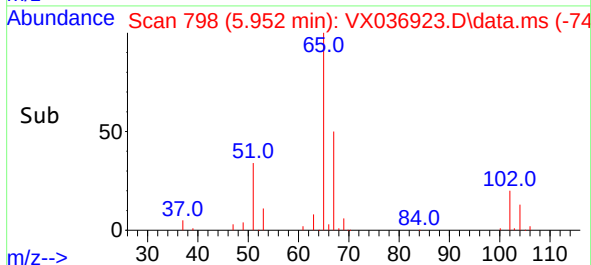
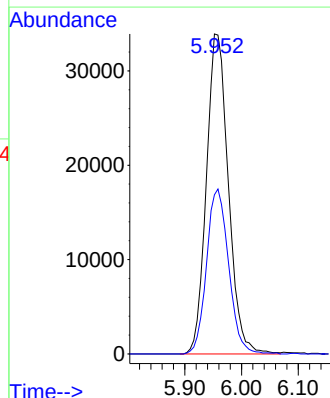
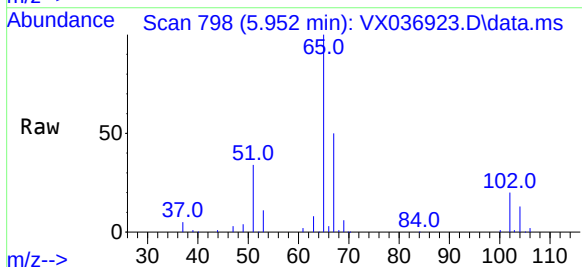
Acq: 10 Aug 2023 19:18

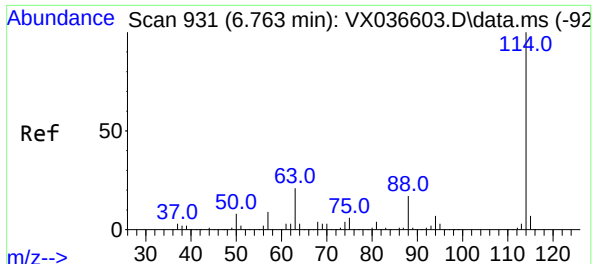
Tgt Ion: 65 Resp: 91399

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

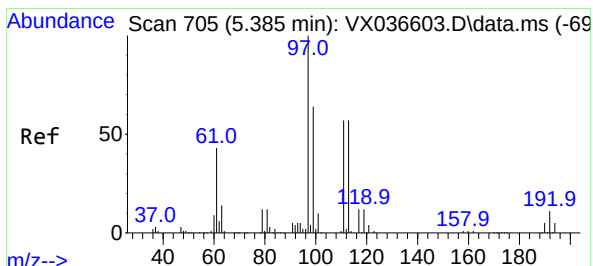
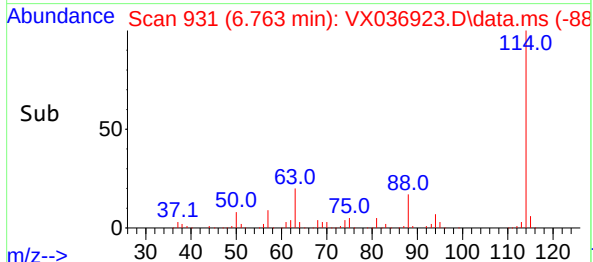
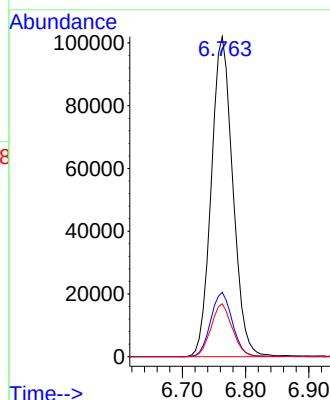
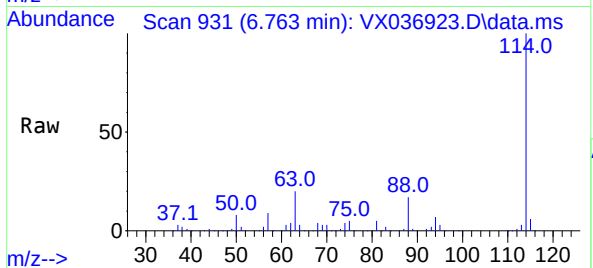




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

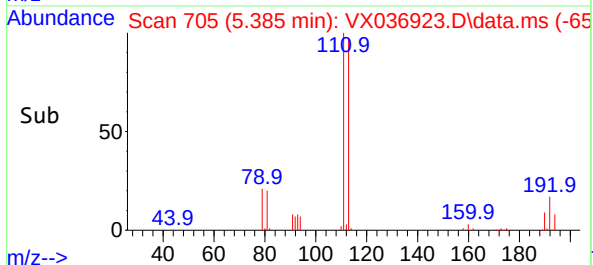
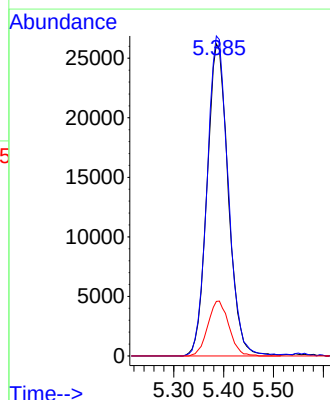
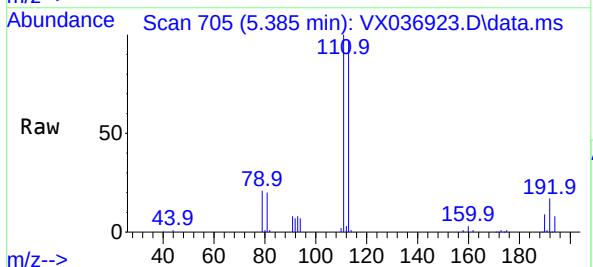
Instrument :
MSVOA_X
ClientSampleId :
WC-22

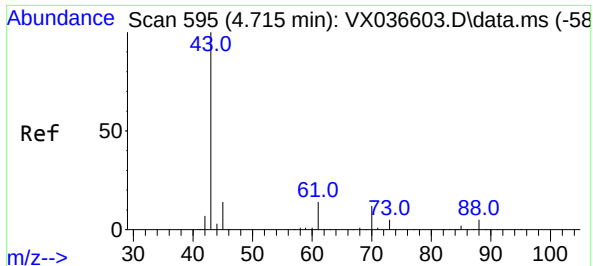
Tgt Ion:114 Resp: 240961
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion:113 Resp: 77209
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.5 13.3 19.9





#37

Ethyl Acetate

Concen: 1.079 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

WC-22

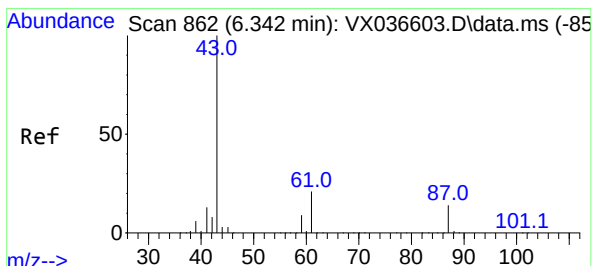
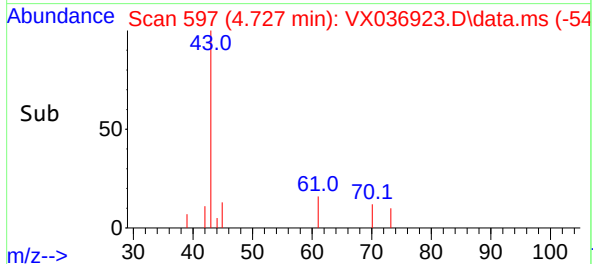
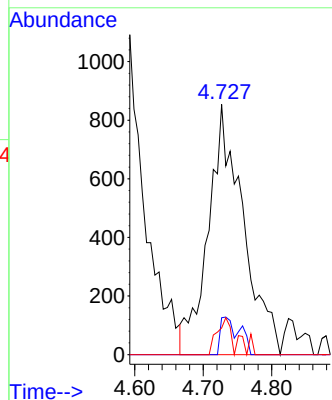
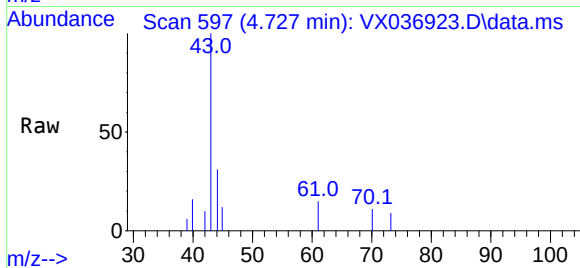
Tgt Ion: 43 Resp: 3014

Ion Ratio Lower Upper

43 100

61 5.2 10.6 16.0#

70 5.5 8.3 12.5#



#43

Isopropyl Acetate

Concen: 19.179 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

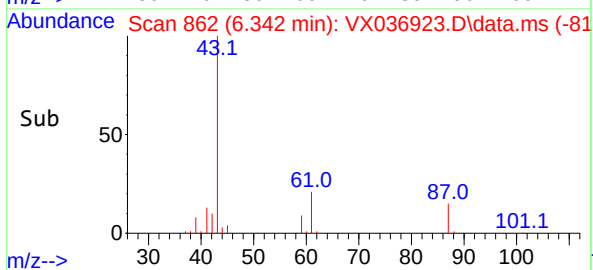
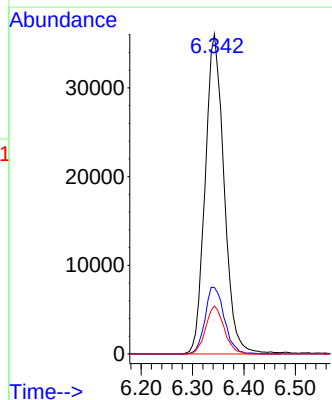
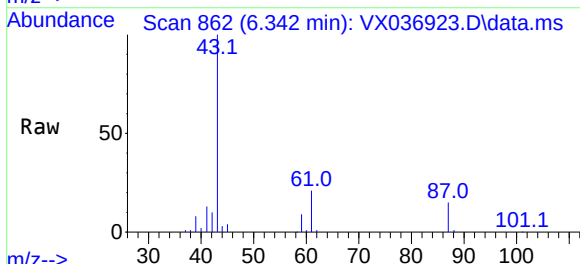
Tgt Ion: 43 Resp: 92242

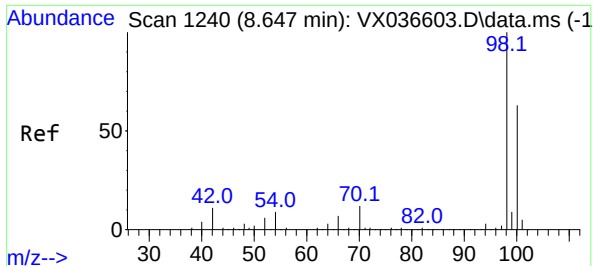
Ion Ratio Lower Upper

43 100

61 21.3 15.2 22.8

87 14.5 9.8 14.6

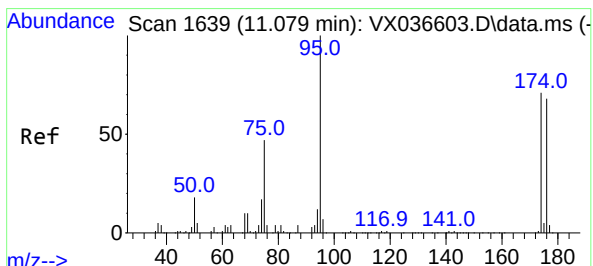
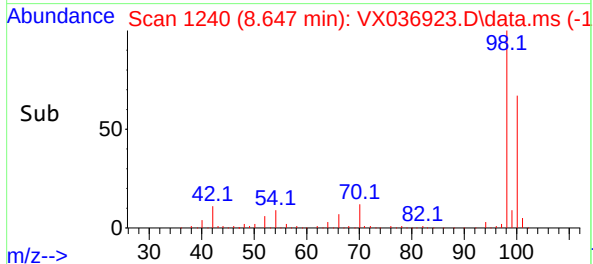
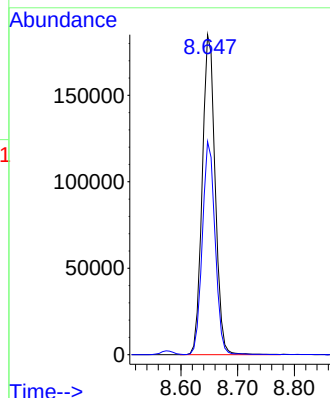
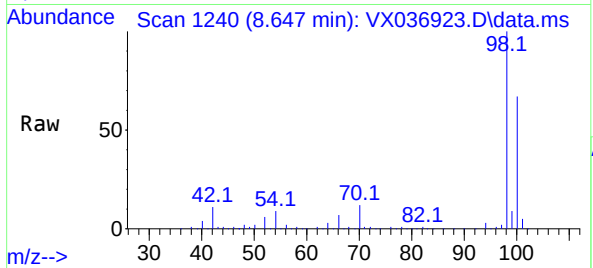




#50
Toluene-d8
Concen: 49.868 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

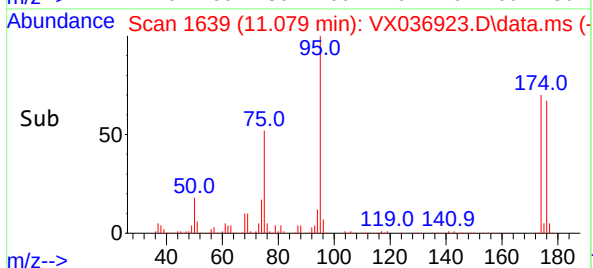
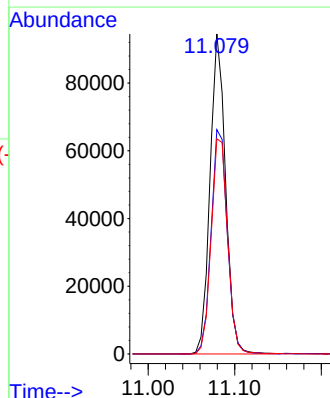
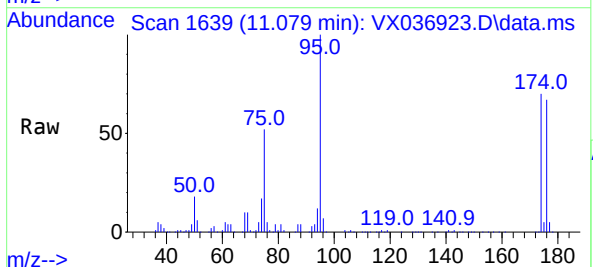
Instrument :
MSVOA_X
ClientSampleId :
WC-22

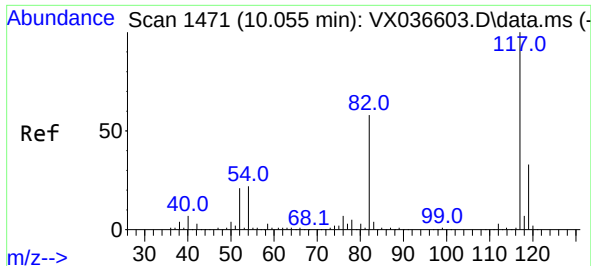
Tgt Ion: 98 Resp: 292895
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion: 95 Resp: 117423
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.4 0.0 131.0

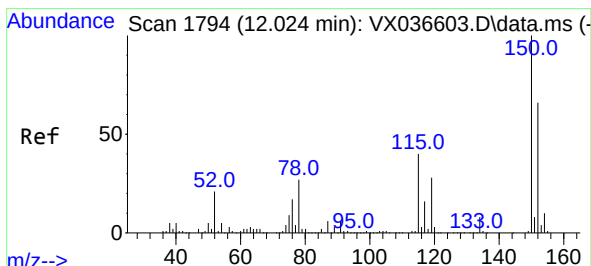
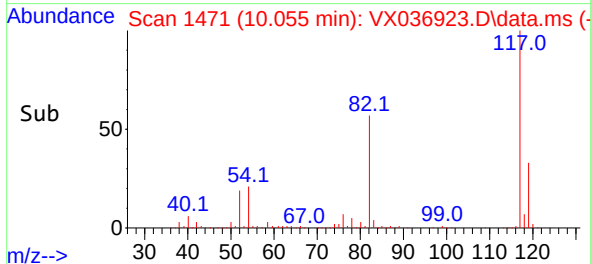
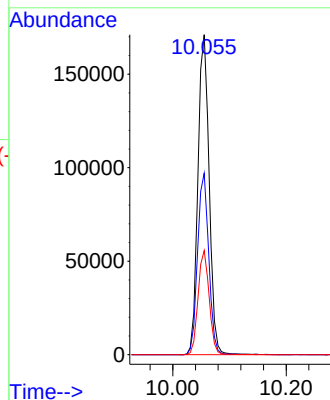
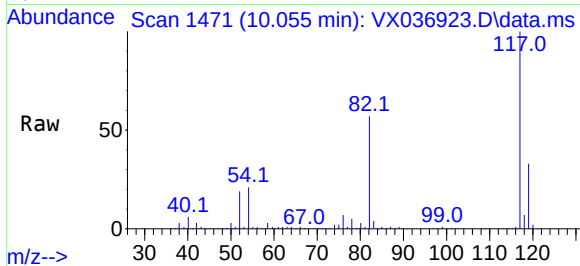




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :
WC-22

Tgt Ion:117 Resp: 235239
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion:152 Resp: 107611
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 156.1 0.0 345.0

