

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038603.D
 Acq On : 27 Oct 2023 15:26
 Operator : JC/MD
 Sample : 05063-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:31:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

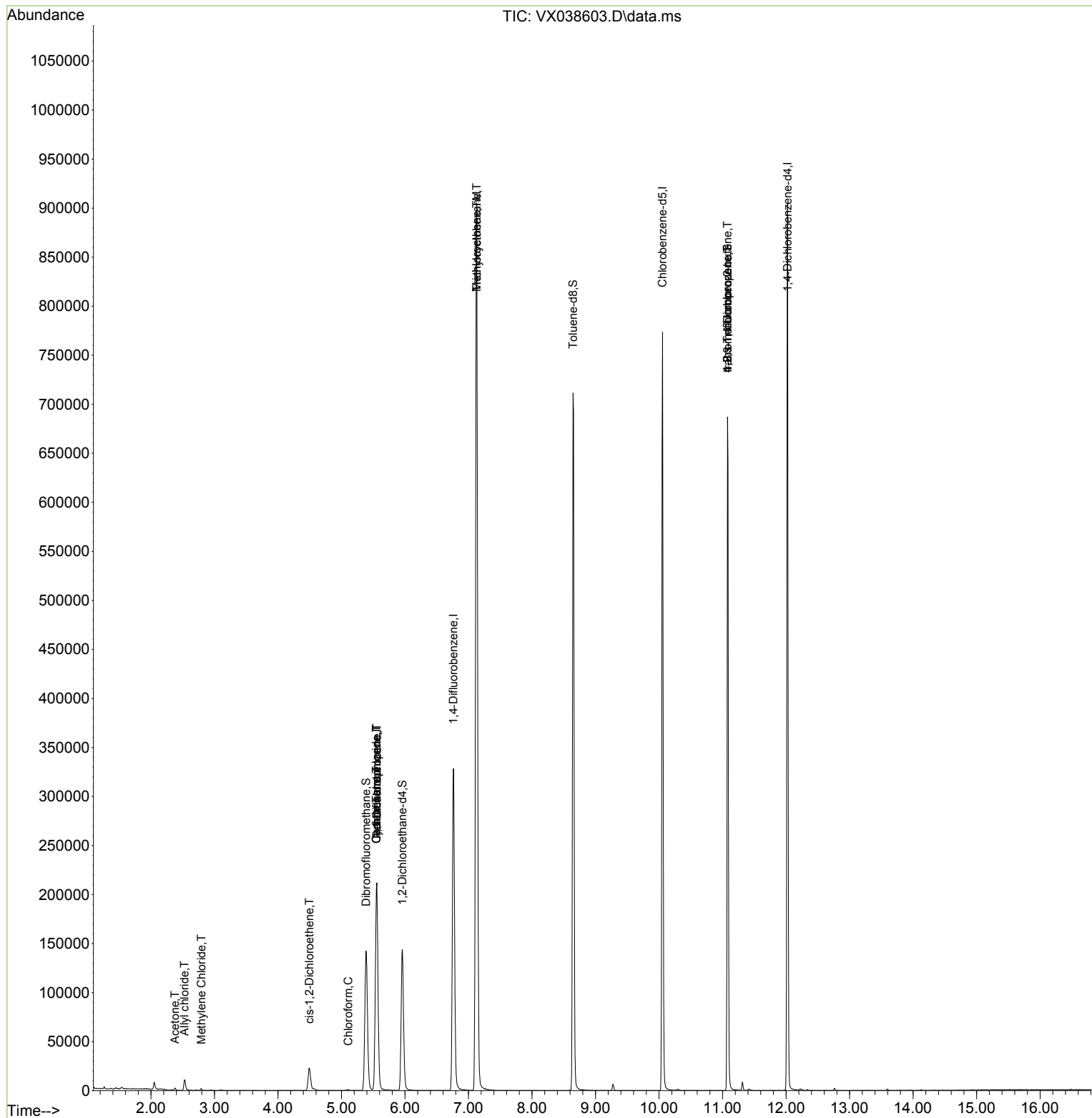
Internal Standards						
1) Pentafluorobenzene	5.556	168	209470	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	354427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138835	41.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.420%
35) Dibromofluoromethane	5.385	113	124992	48.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	455688	46.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.380%
62) 4-Bromofluorobenzene	11.079	95	181964	49.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	68	Below Cal	#	3
6) Chloroethane	1.691	64	105	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	416	Below Cal	#	78
14) Allyl chloride	2.526	41	1378	0.402	ug/l #	83
16) Acetone	2.380	43	2094	1.489	ug/l #	87
20) Methylene Chloride	2.794	84	859	0.325	ug/l #	59
27) cis-1,2-Dichloroethene	4.495	96	15734	5.568	ug/l	77
30) Chloroform	5.105	83	956	0.201	ug/l #	79
31) Cyclohexane	5.550	56	4100	1.123	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15149	4.302	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20833	6.013	ug/l #	16
39) Methylcyclohexane	7.129	83	4155	1.007	ug/l #	1
44) Trichloroethene	7.129	130	363238	140.992	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	93649	20.401	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	93649	58.797	ug/l #	5

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

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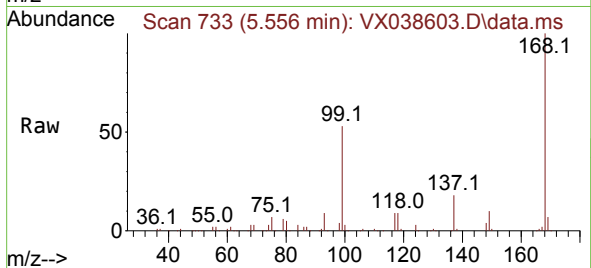
Quant Time: Oct 30 01:31:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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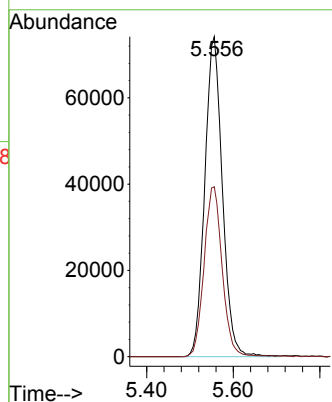
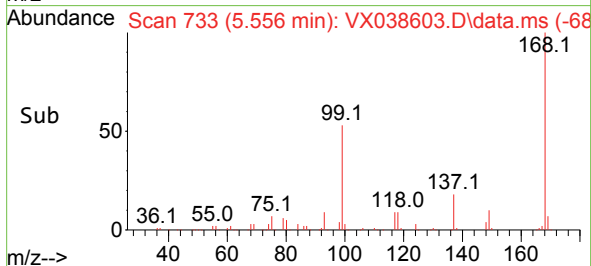


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :

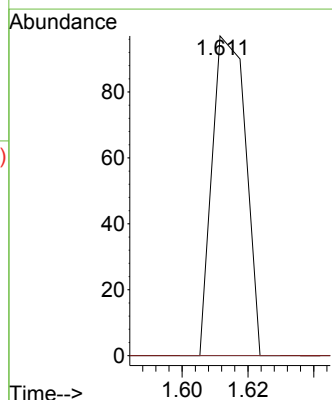
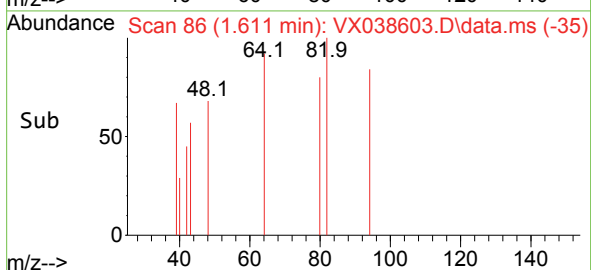
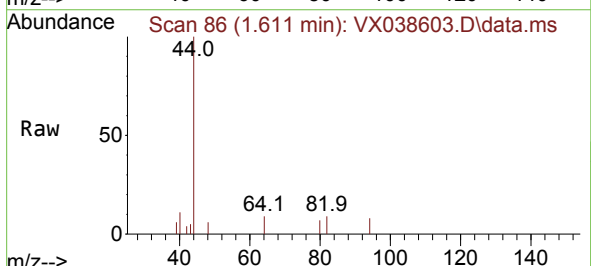


Tgt Ion:168 Resp: 209470
Ion Ratio Lower Upper
168 100
99 53.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Tgt Ion: 94 Resp: 68
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

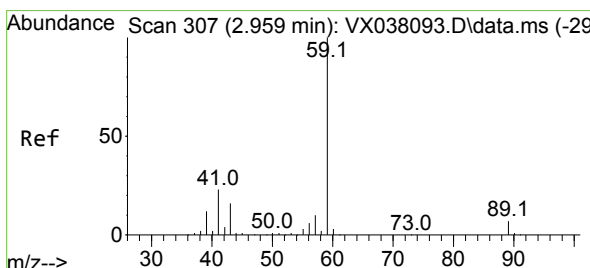
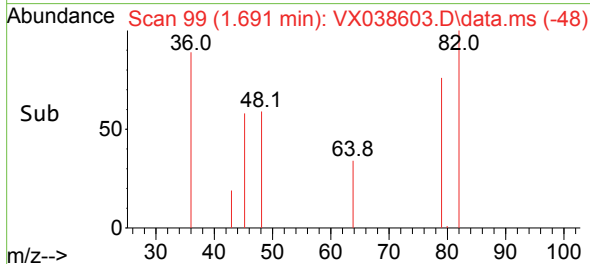
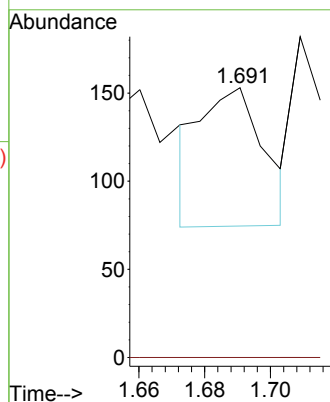
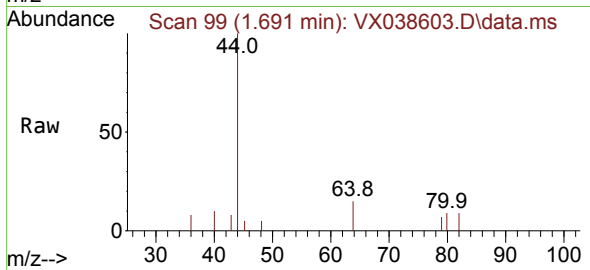




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

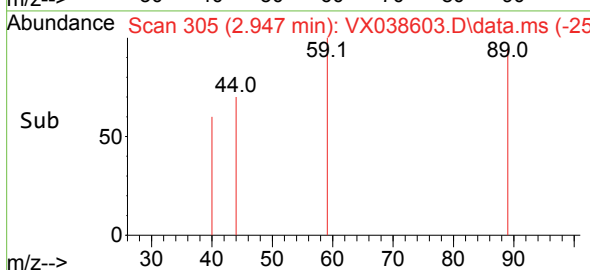
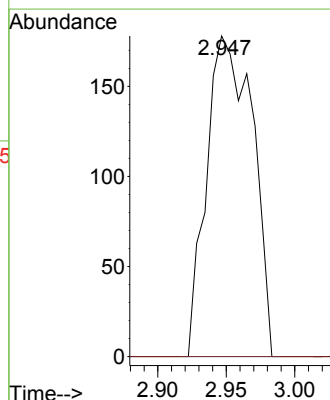
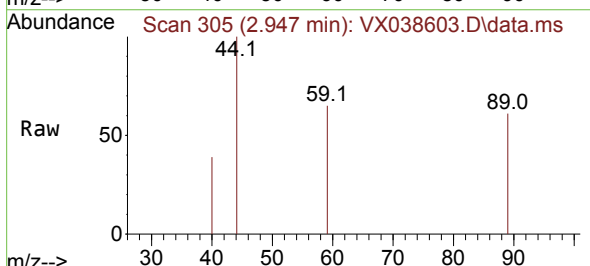
Instrument :
MSVOA_X
ClientSampleId :

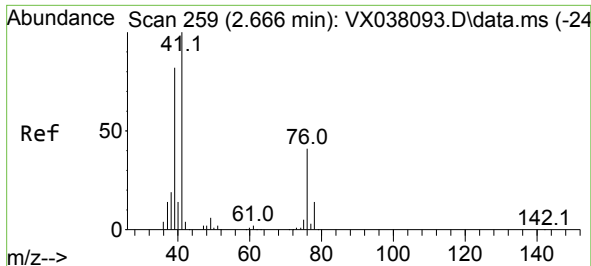
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

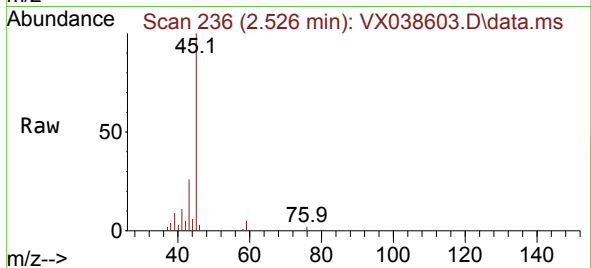
Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



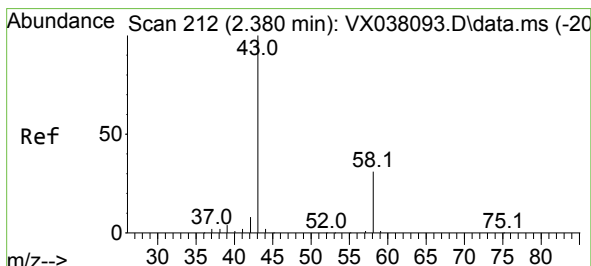
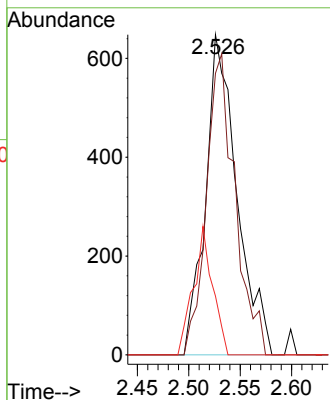
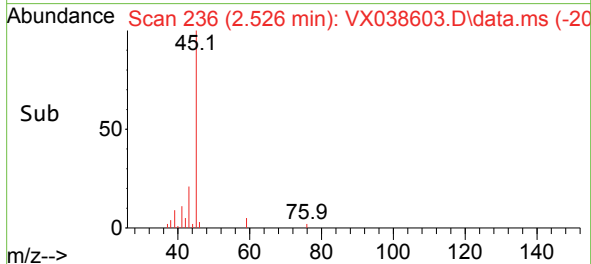


#14
 Allyl chloride
 Concen: 0.402 ug/l
 RT: 2.526 min Scan# 212
 Delta R.T. -0.134 min
 Lab File: VX038603.D
 Acq: 27 Oct 2023 15:26

Instrument :
 MSVOA_X
 ClientSampleId :

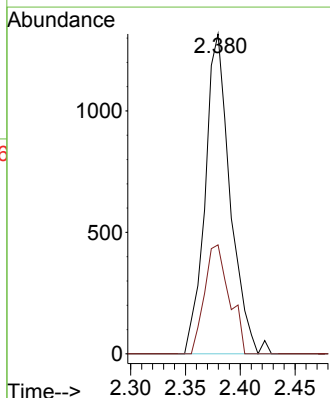
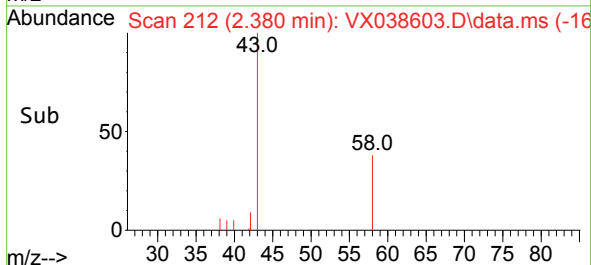
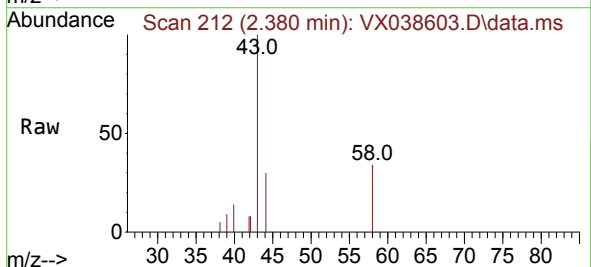


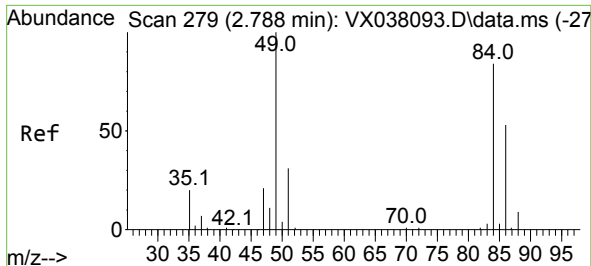
Tgt Ion: 41 Resp: 1378
 Ion Ratio Lower Upper
 41 100
 39 85.7 55.8 83.6#
 76 24.6 24.3 36.5



#16
 Acetone
 Concen: 1.489 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX038603.D
 Acq: 27 Oct 2023 15:26

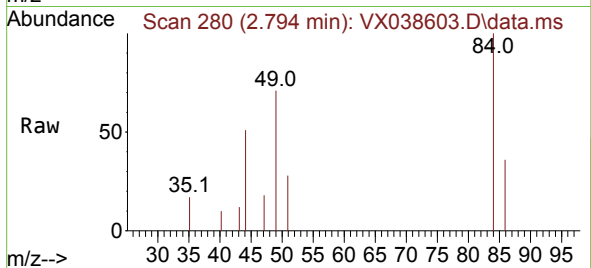
Tgt Ion: 43 Resp: 2094
 Ion Ratio Lower Upper
 43 100
 58 34.1 21.9 32.9#



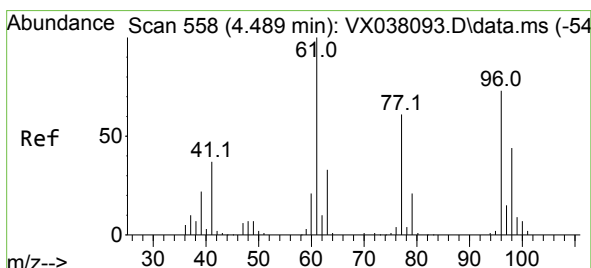
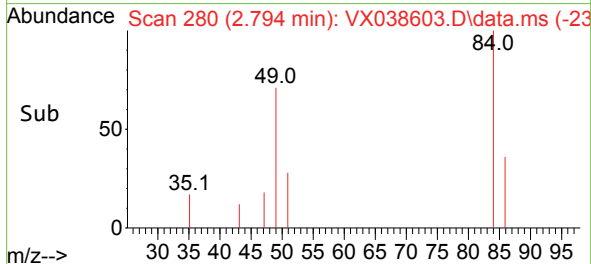
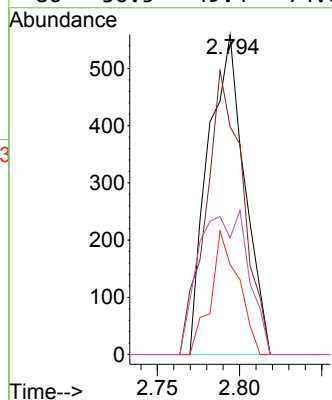


#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :

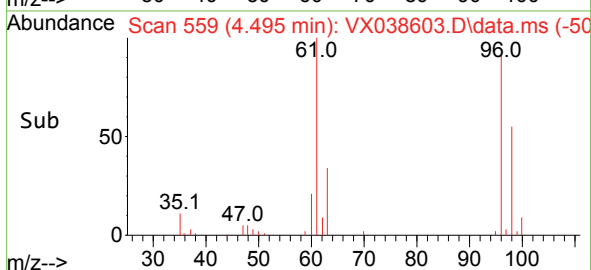
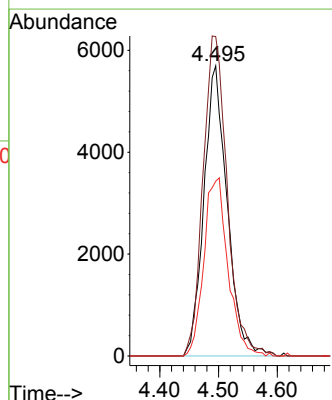
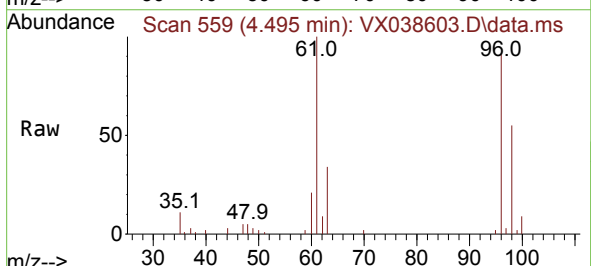


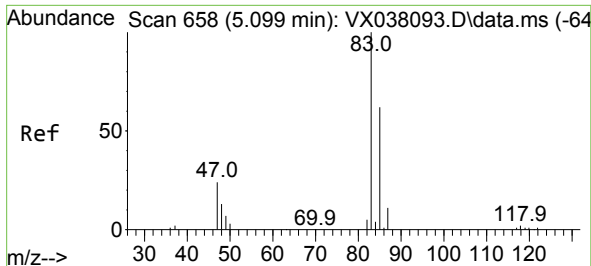
Tgt Ion: 84 Resp: 859
Ion Ratio Lower Upper
84 100
49 71.2 103.6 155.4#
51 28.1 33.8 50.6#
86 36.5 49.4 74.0#



#27
cis-1,2-Dichloroethene
Concen: 5.568 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Tgt Ion: 96 Resp: 15734
Ion Ratio Lower Upper
96 100
61 114.2 0.0 312.2
98 63.5 0.0 129.0





#30

Chloroform

Concen: 0.201 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

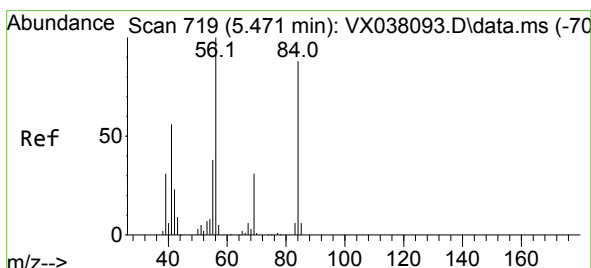
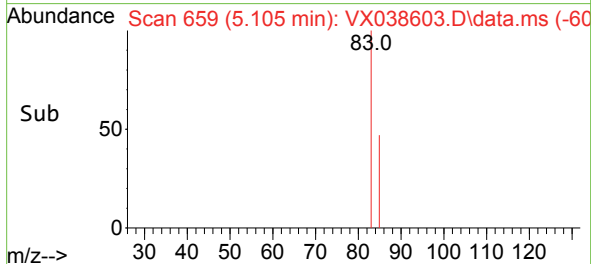
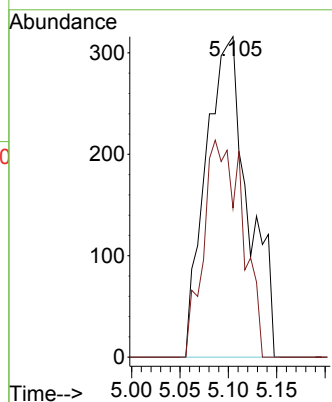
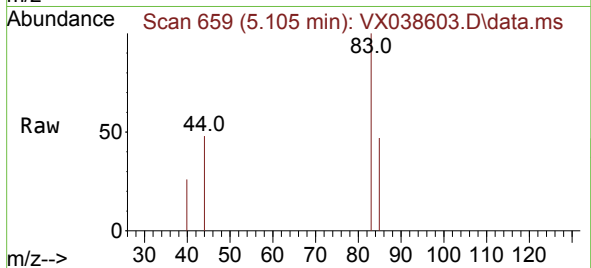
ClientSampleId :

Tgt Ion: 83 Resp: 956

Ion Ratio Lower Upper

83 100

85 46.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

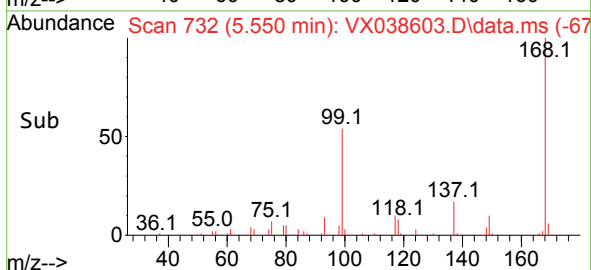
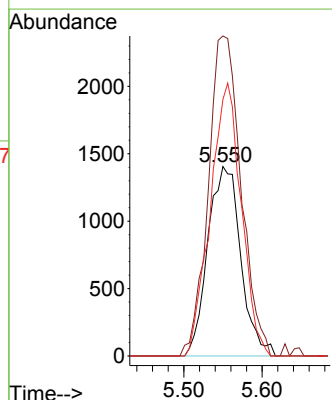
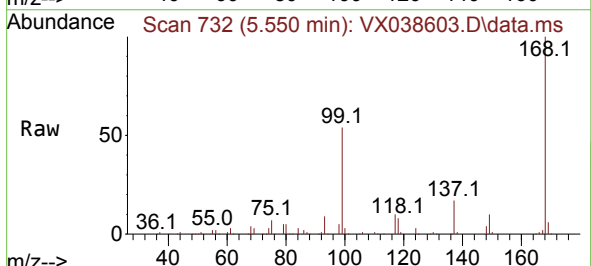
Tgt Ion: 56 Resp: 4100

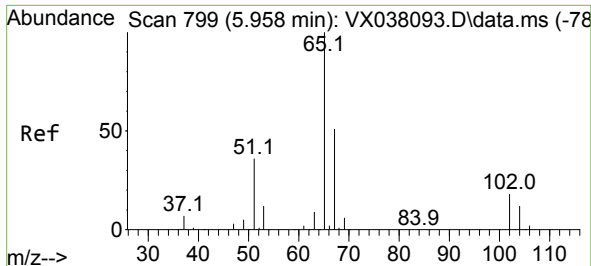
Ion Ratio Lower Upper

56 100

69 168.8 23.4 35.2#

84 135.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.207 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

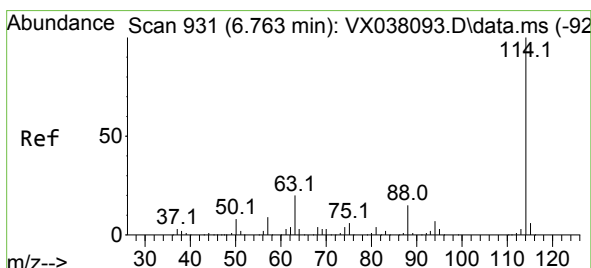
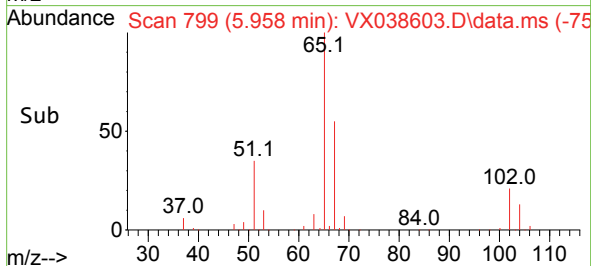
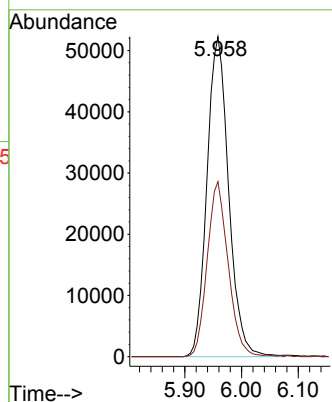
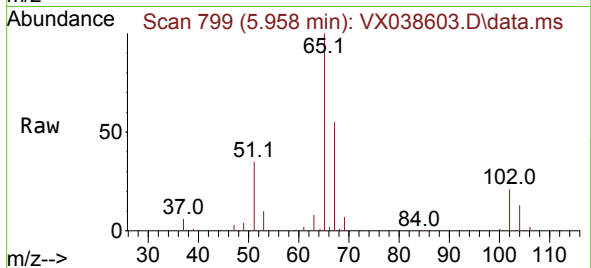
ClientSampleId :

Tgt Ion: 65 Resp: 138835

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

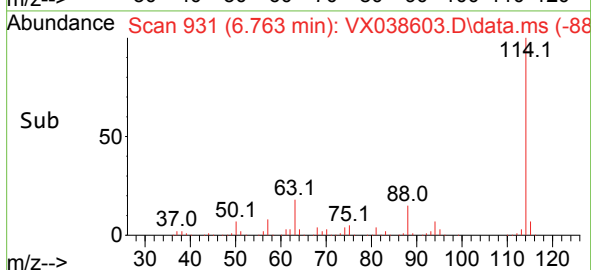
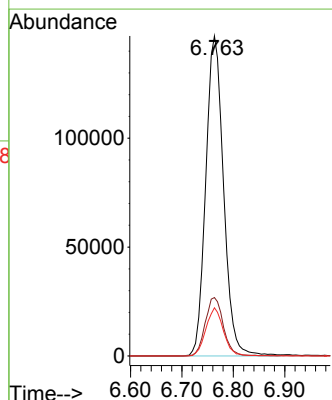
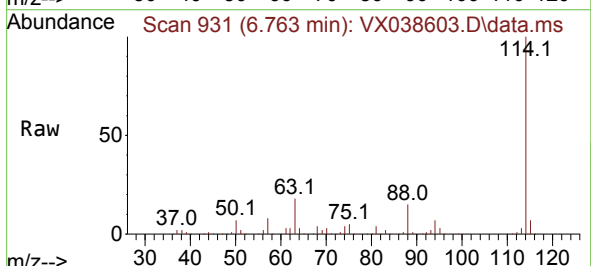
Tgt Ion: 114 Resp: 354427

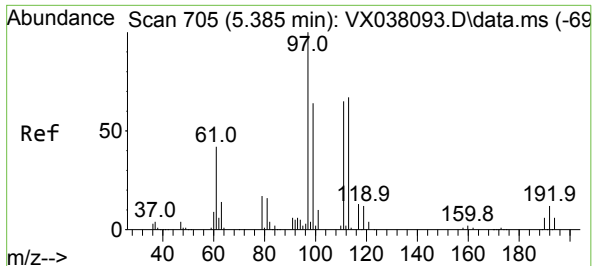
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

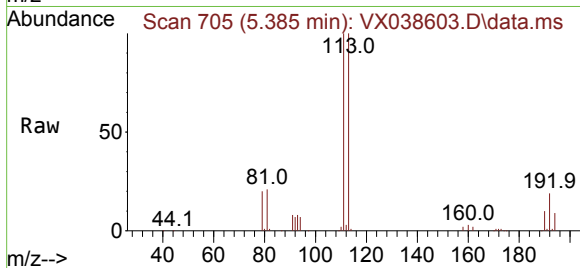
Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :



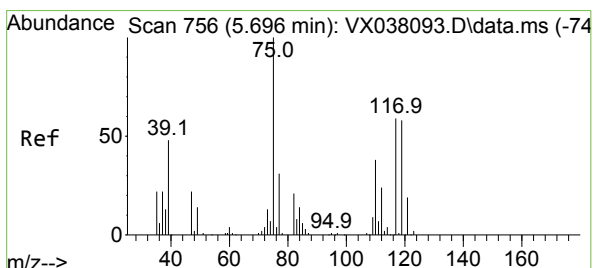
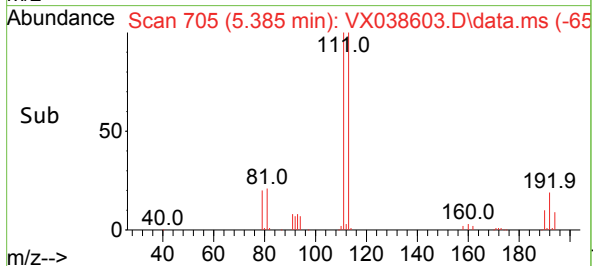
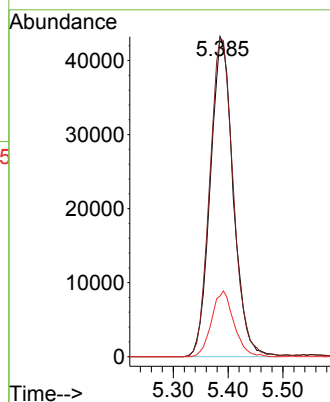
Tgt Ion:113 Resp: 124992

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 20.1 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.302 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

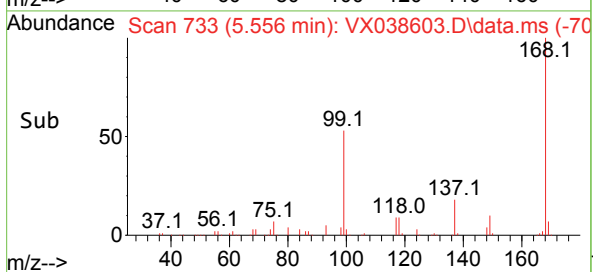
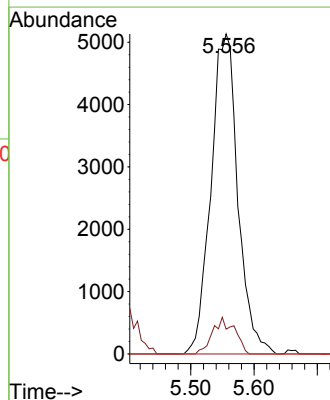
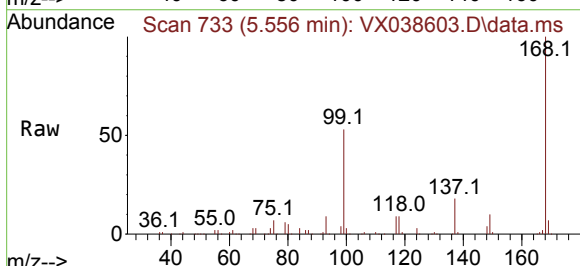
Tgt Ion: 75 Resp: 15149

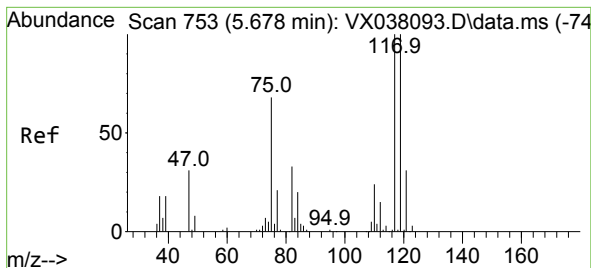
Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.013 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

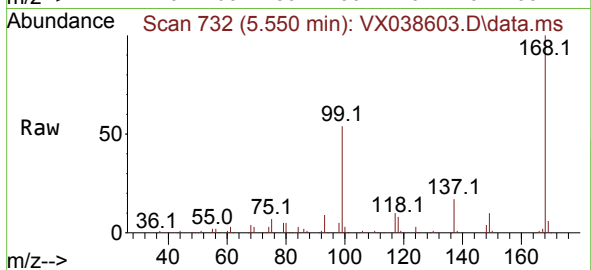
Lab File: VX038603.D

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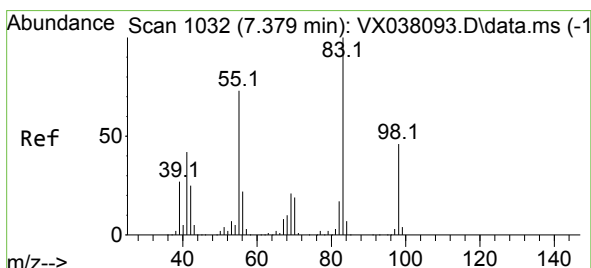
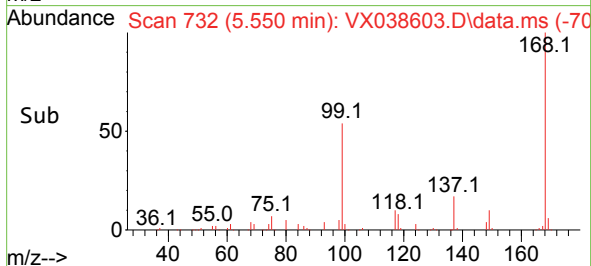
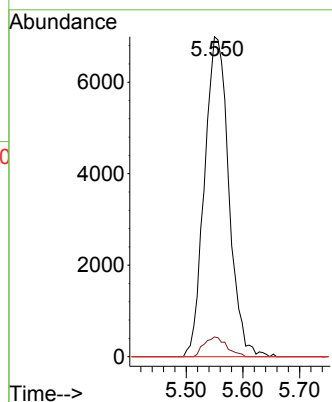
Tgt Ion:117 Resp: 20833

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 1.007 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

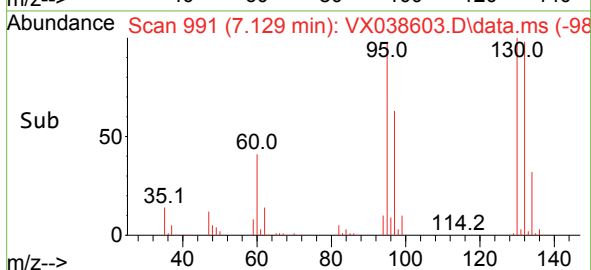
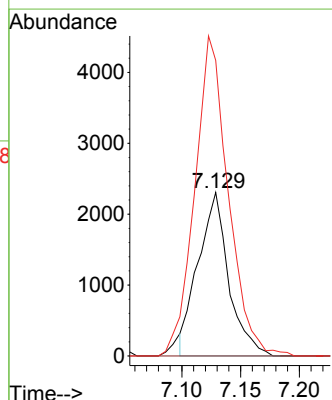
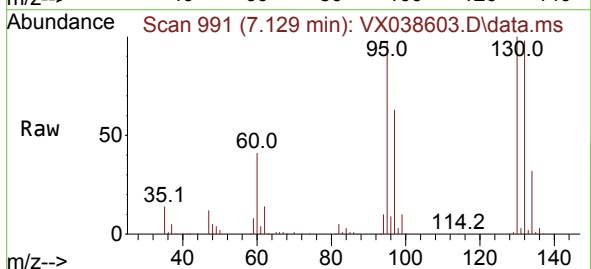
Tgt Ion: 83 Resp: 4155

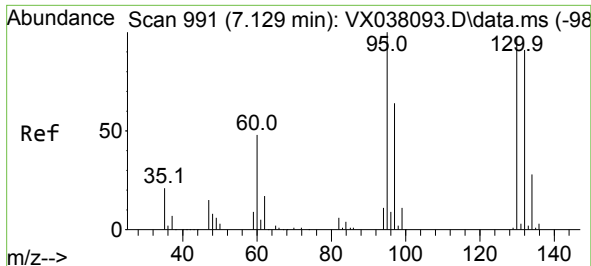
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

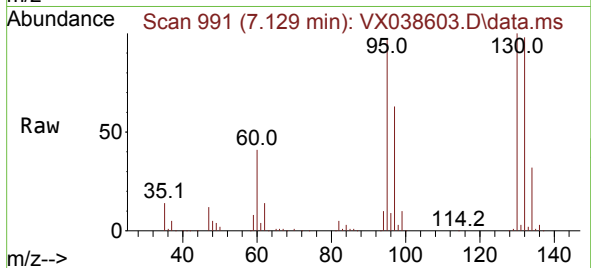
98 178.3 36.7 55.1#



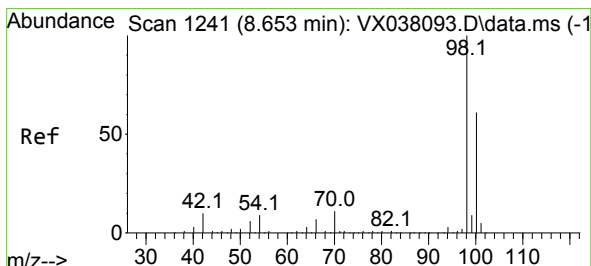
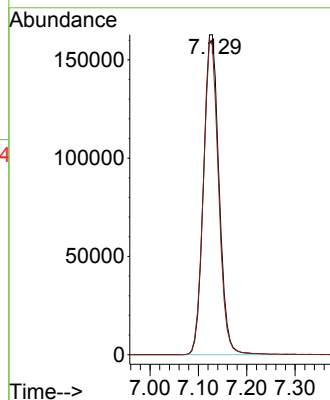
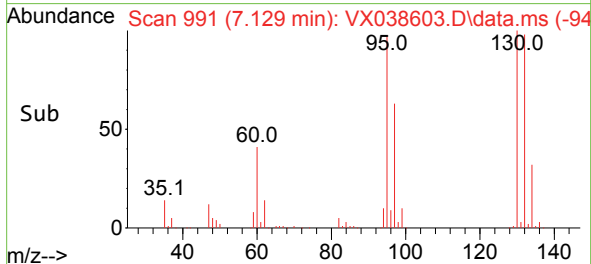


#44
Trichloroethene
Concen: 140.992 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :

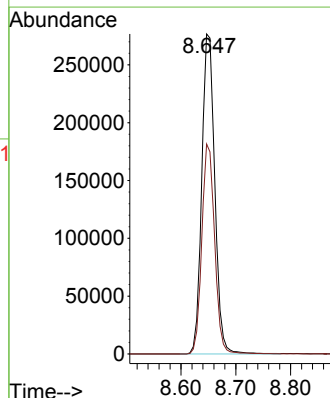
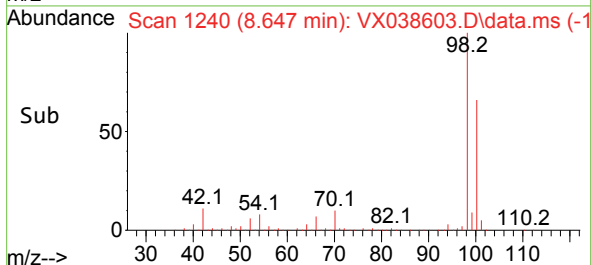
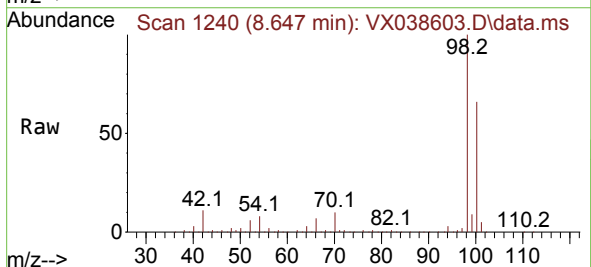


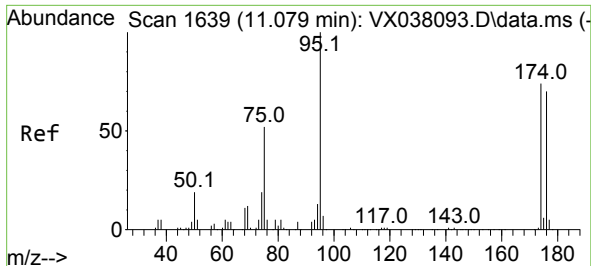
Tgt Ion:130 Resp: 363238
Ion Ratio Lower Upper
130 100
95 96.7 0.0 204.4



#50
Toluene-d8
Concen: 46.694 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Tgt Ion: 98 Resp: 455688
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

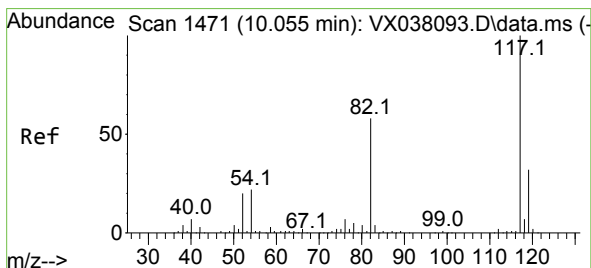
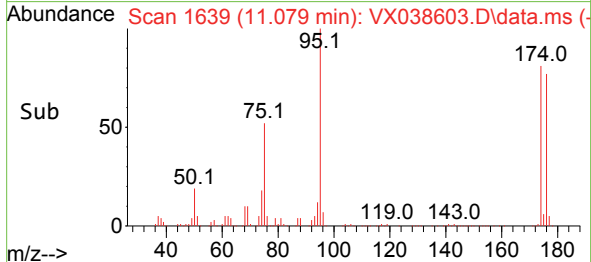
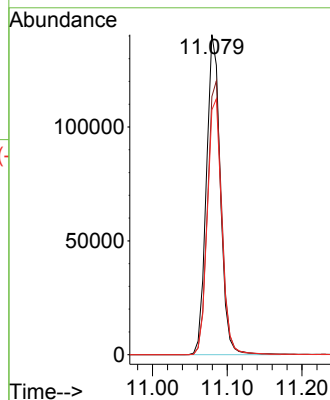
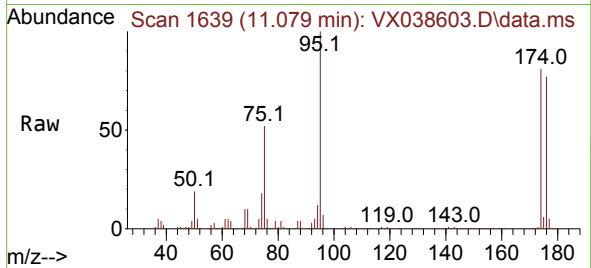




#62
4-Bromofluorobenzene
Concen: 49.183 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

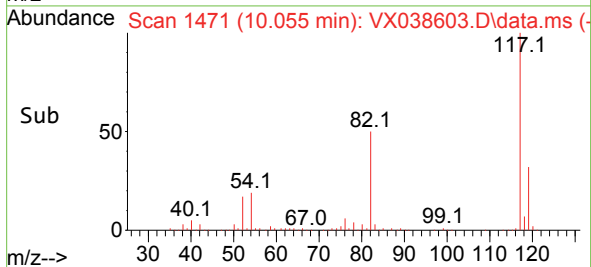
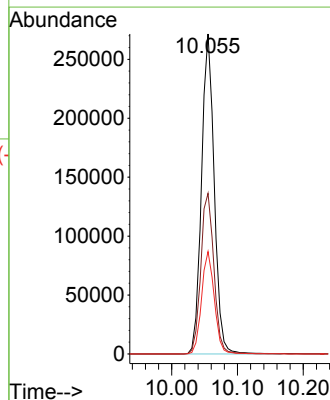
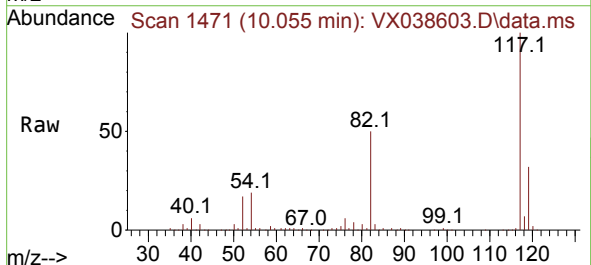
Instrument :
MSVOA_X
ClientSampleId :

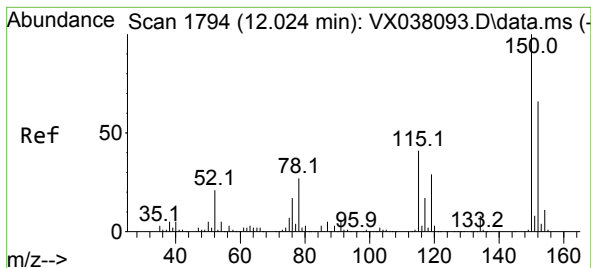
Tgt Ion: 95 Resp: 181964
Ion Ratio Lower Upper
95 100
174 87.7 0.0 135.6
176 83.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038603.D
Acq: 27 Oct 2023 15:26

Tgt Ion: 117 Resp: 364597
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038603.D

Acq: 27 Oct 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

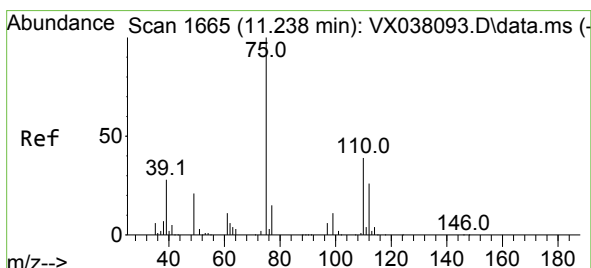
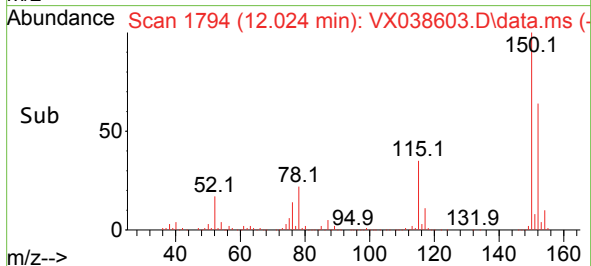
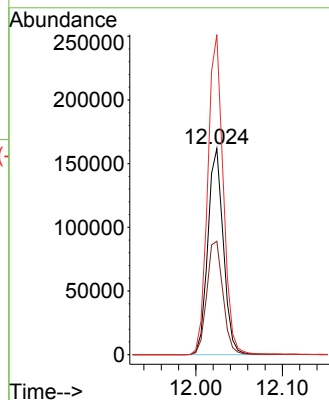
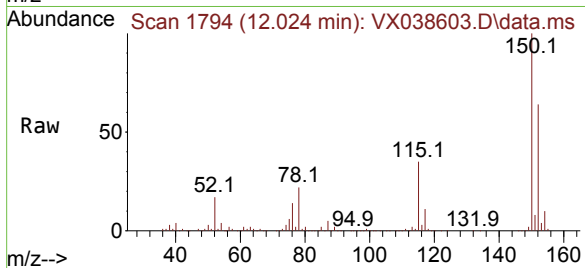
Tgt Ion:152 Resp: 201925

Ion Ratio Lower Upper

152 100

115 57.5 43.3 129.9

150 155.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.401 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038603.D

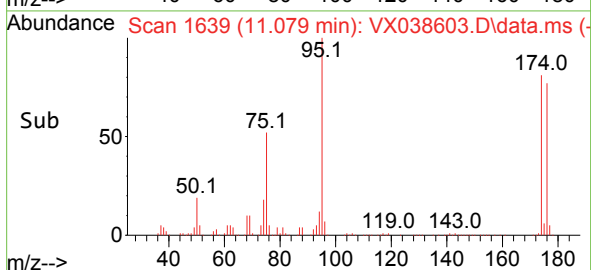
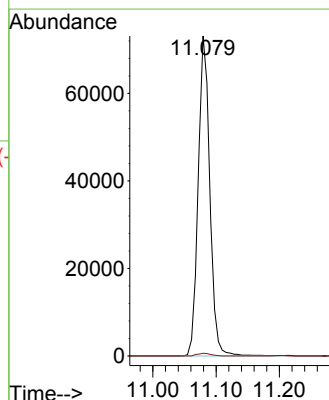
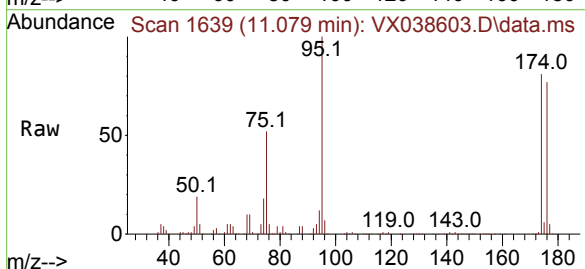
Acq: 27 Oct 2023 15:26

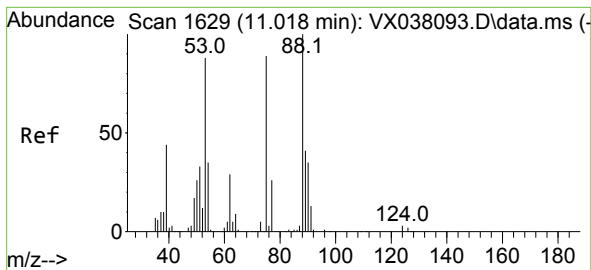
Tgt Ion: 75 Resp: 93649

Ion Ratio Lower Upper

75 100

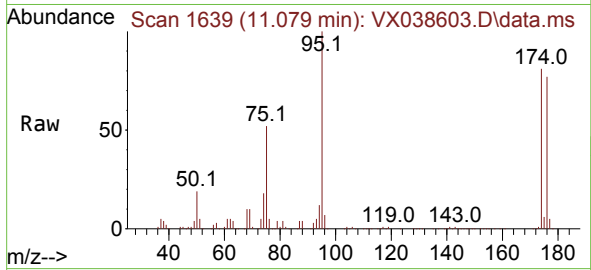
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.797 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038603.D
 Acq: 27 Oct 2023 15:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 93649
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

