

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038609.D
 Acq On : 27 Oct 2023 17:45
 Operator : JC/MD
 Sample : 05108-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:33:39 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	208718	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	346707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151120	45.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.040%
35) Dibromofluoromethane	5.385	113	136994	54.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.680%
50) Toluene-d8	8.647	98	484147	50.715	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.079	95	195563	54.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.080%

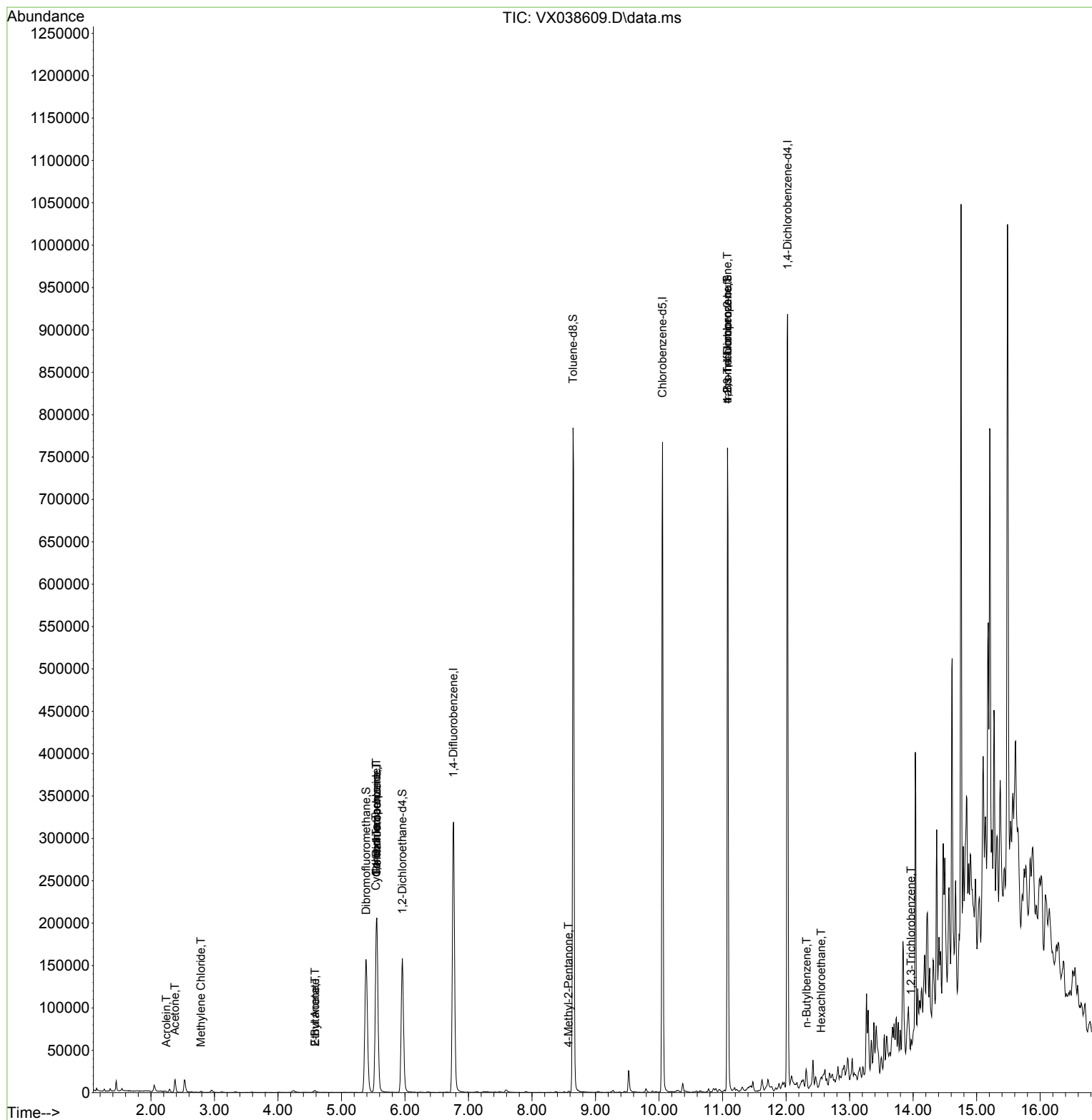
Target Compounds					Qvalue
5) Bromomethane	1.587	94	24	Below Cal	# 3
6) Chloroethane	1.703	64	211	Below Cal	# 43
11) Tert butyl alcohol	2.959	59	2849	Below Cal	96
13) Acrolein	2.239	56	522	1.094	ug/l # 67
16) Acetone	2.380	43	15195	10.845	ug/l # 93
20) Methylene Chloride	2.788	84	691	0.262	ug/l # 84
25) 2-Butanone	4.586	43	3173	1.404	ug/l # 80
31) Cyclohexane	5.544	56	3936	1.082	ug/l # 1
36) 1,1-Dichloropropene	5.550	75	14207	4.124	ug/l # 52
37) Ethyl Acetate	4.586	43	3173	0.776	ug/l # 69
38) Carbon Tetrachloride	5.550	117	20739	6.119	ug/l # 15
51) 4-Methyl-2-Pentanone	8.574	43	1022	0.243	ug/l # 98
76) 1,2,3-Trichloropropane	11.079	75	100250	21.949	ug/l # 39
81) trans-1,4-Dichloro-2-b...	11.079	75	100250	62.954	ug/l # 5
89) n-Butylbenzene	12.323	91	2587	0.214	ug/l # 30
90) Hexachloroethane	12.555	117	577	0.287	ug/l # 17
96) 1,2,3-Trichlorobenzene	13.969	180	891	0.216	ug/l # 1

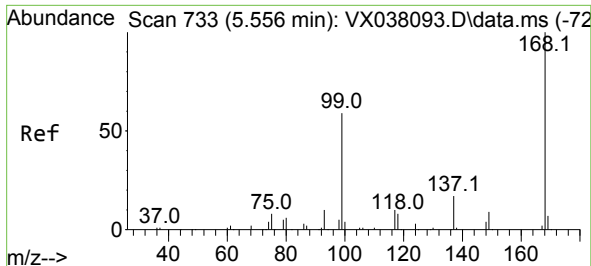
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX038609.D

Acq: 27 Oct 2023 17:45

Instrument :

MSVOA_X

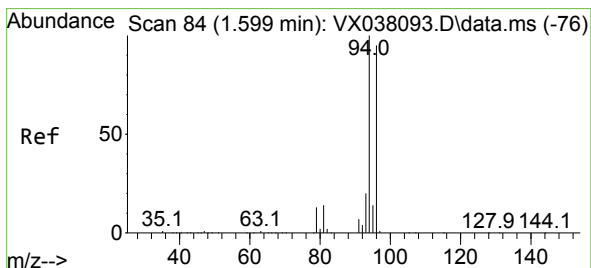
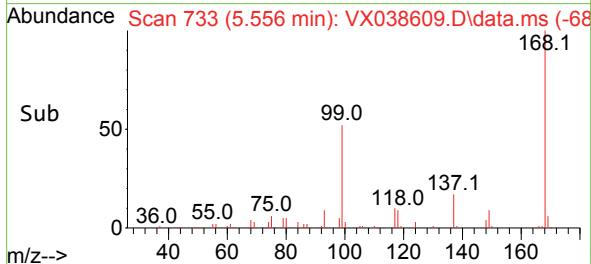
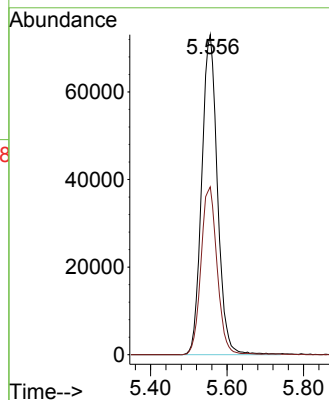
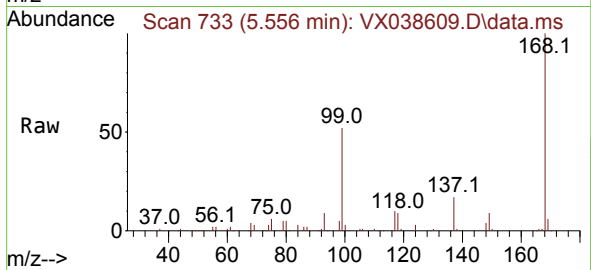
ClientSampleId :

Tgt Ion:168 Resp: 208718

Ion Ratio Lower Upper

168 100

99 52.4 56.6 85.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.587 min Scan# 82

Delta R.T. -0.012 min

Lab File: VX038609.D

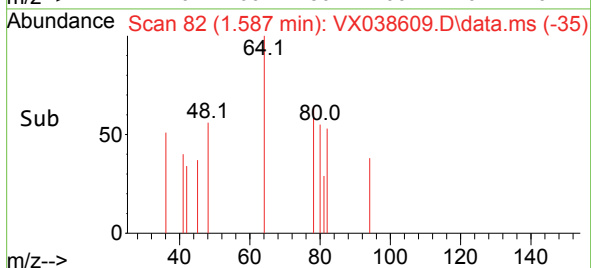
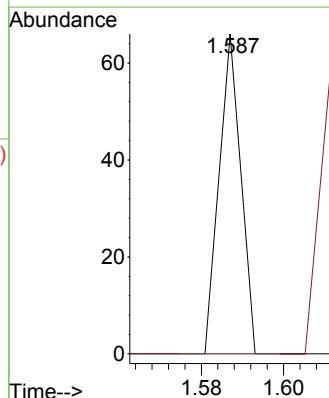
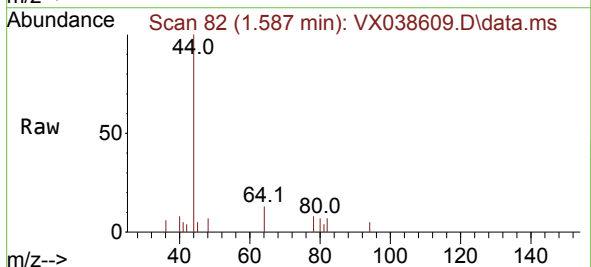
Acq: 27 Oct 2023 17:45

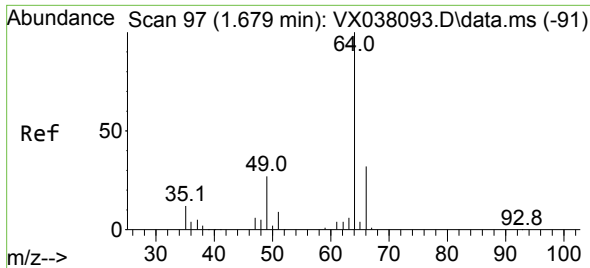
Tgt Ion: 94 Resp: 24

Ion Ratio Lower Upper

94 100

96 0.0 74.6 111.8#

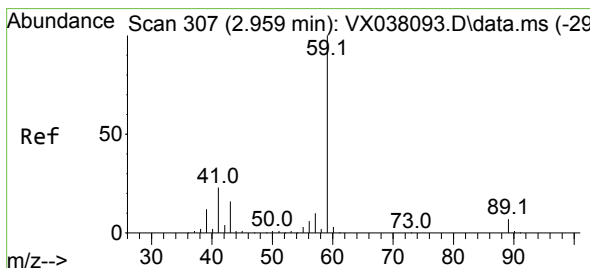
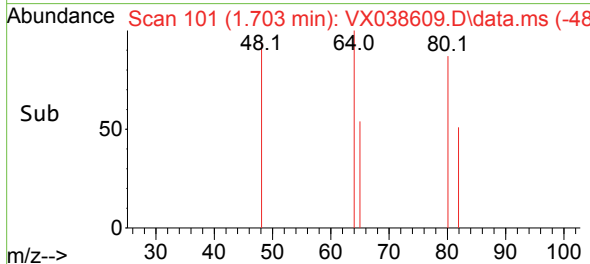
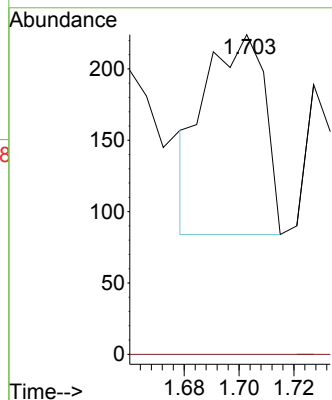
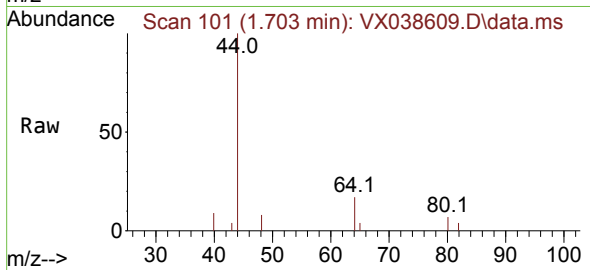




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

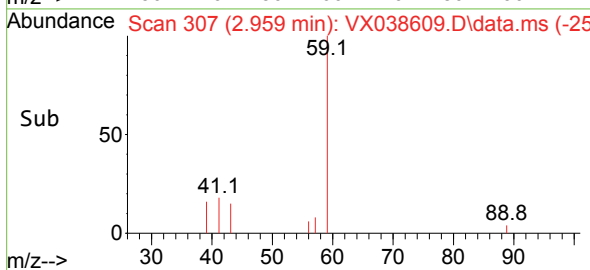
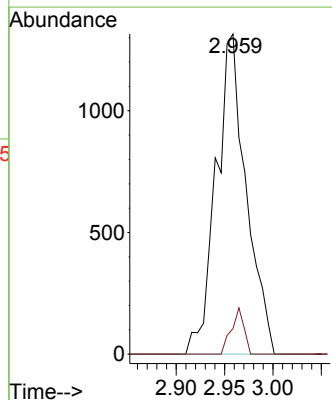
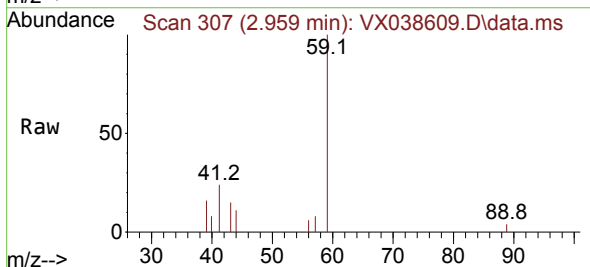
Instrument :
MSVOA_X
ClientSampleId :

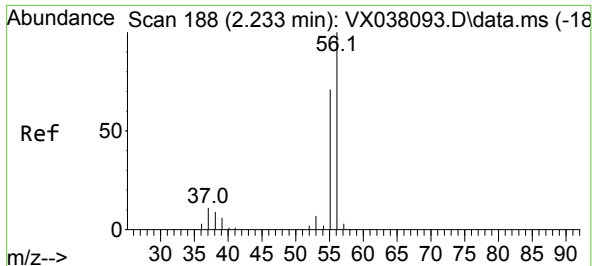
Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

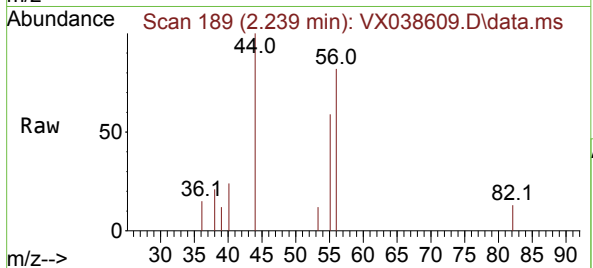
Tgt Ion: 59 Resp: 2849
Ion Ratio Lower Upper
59 100
57 6.0 6.0 9.0



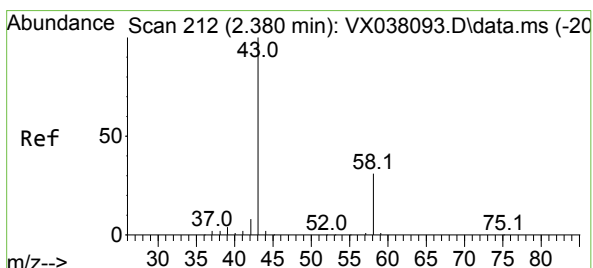
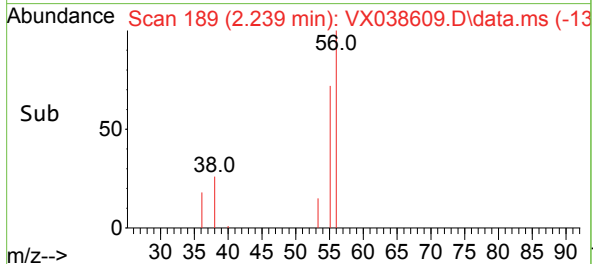
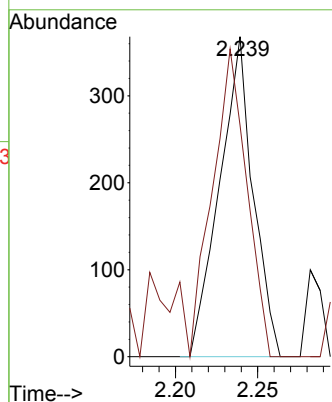


#13
Acrolein
Concen: 1.094 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :

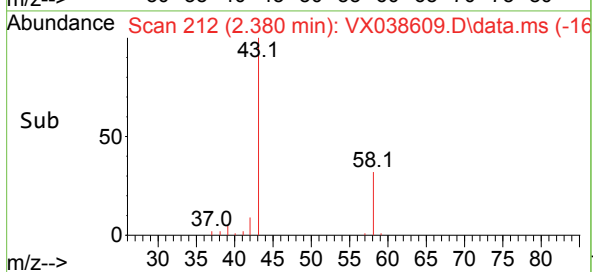
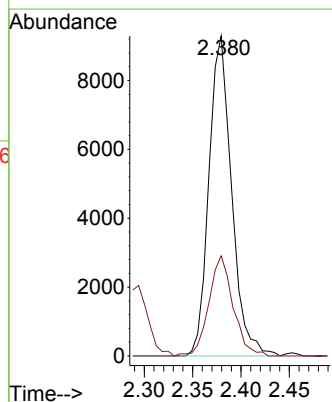
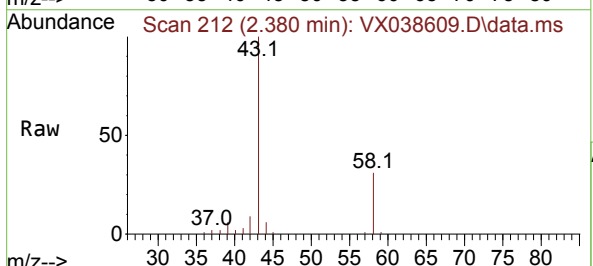


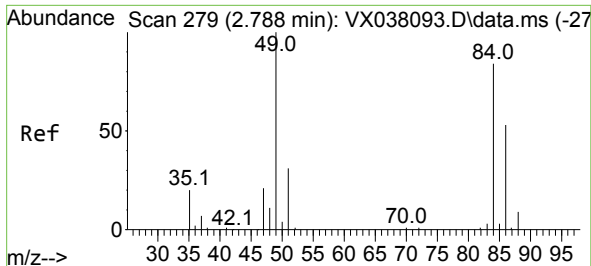
Tgt Ion: 56 Resp: 522
Ion Ratio Lower Upper
56 100
55 98.5 57.1 85.7#



#16
Acetone
Concen: 10.845 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

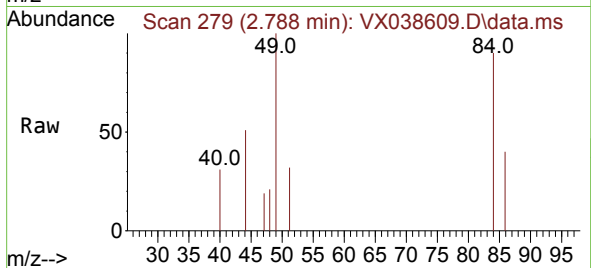
Tgt Ion: 43 Resp: 15195
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





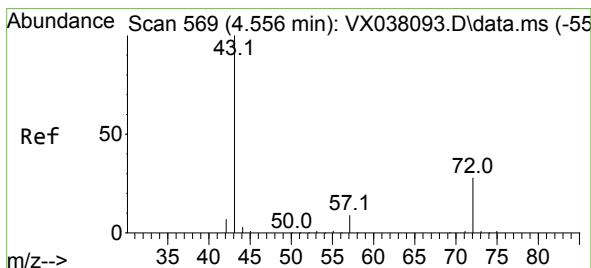
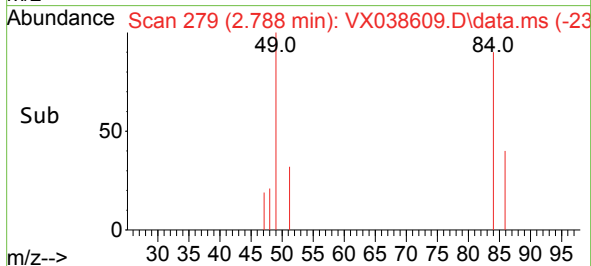
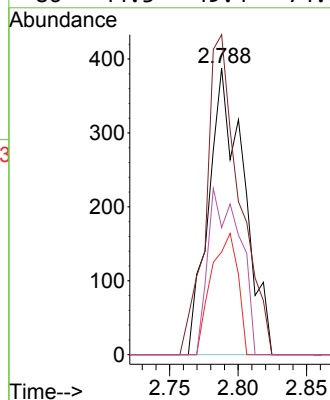
#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 691

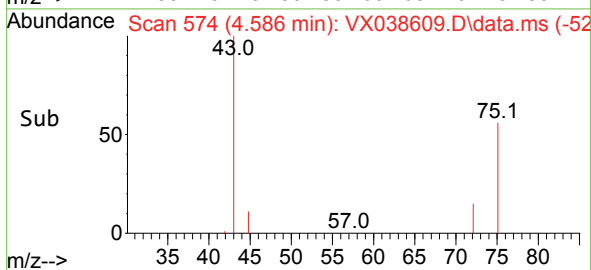
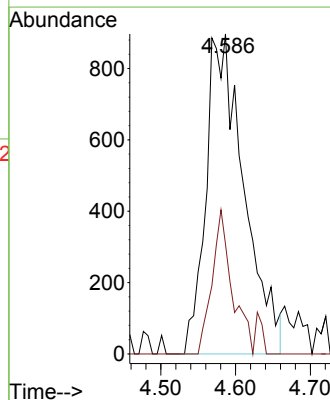
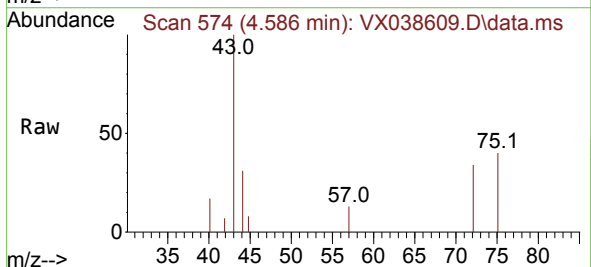
Ion	Ratio	Lower	Upper
84	100		
49	111.6	103.6	155.4
51	35.8	33.8	50.6
86	44.3	49.4	74.0

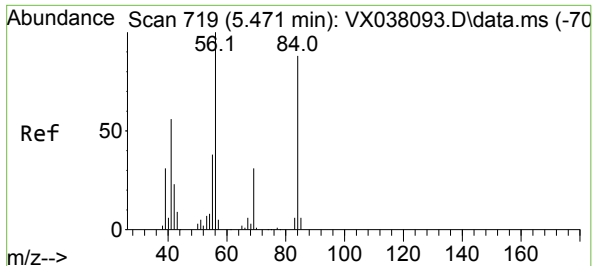


#25
2-Butanone
Concen: 1.404 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Tgt Ion: 43 Resp: 3173

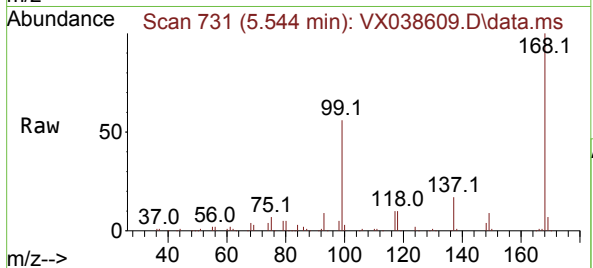
Ion	Ratio	Lower	Upper
43	100		
72	34.3	19.4	29.2



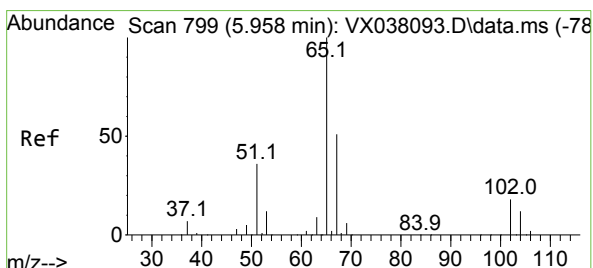
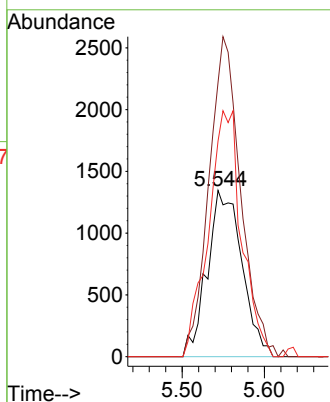
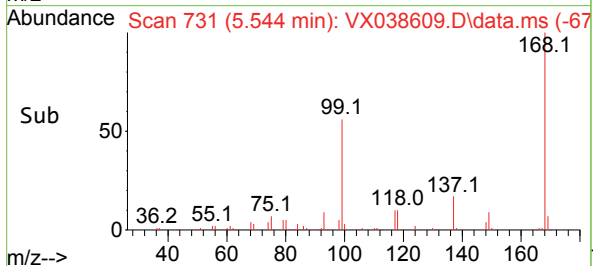


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :

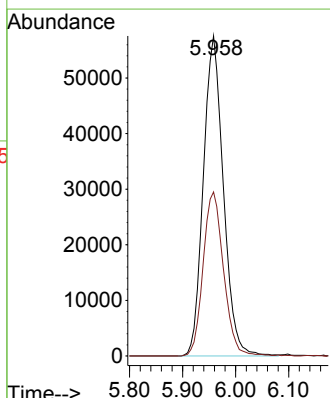
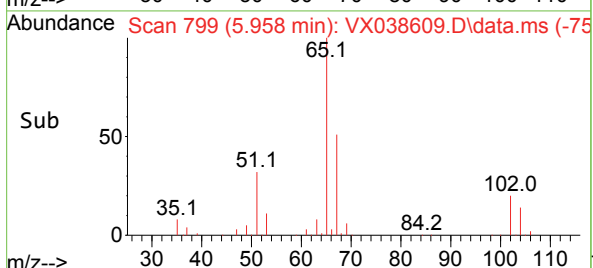
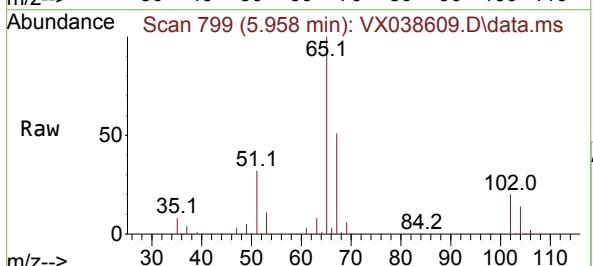


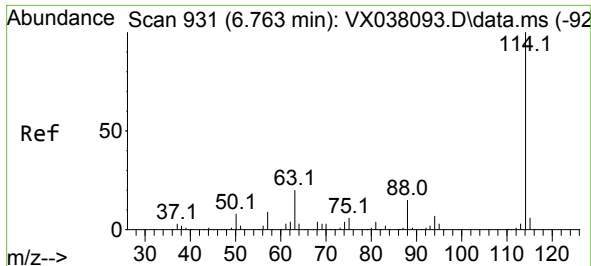
Tgt Ion: 56 Resp: 3936
Ion Ratio Lower Upper
56 100
69 165.1 23.4 35.2#
84 129.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.015 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Tgt Ion: 65 Resp: 151120
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

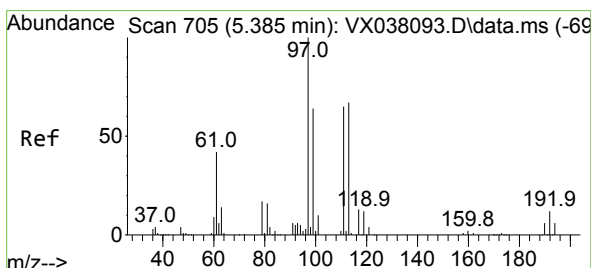
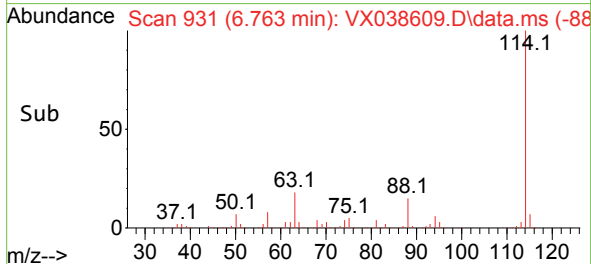
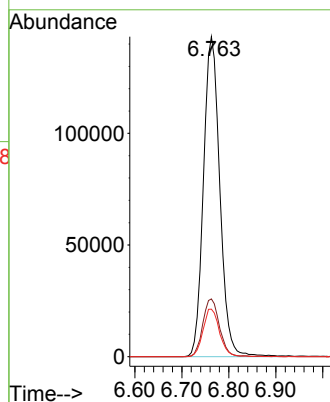
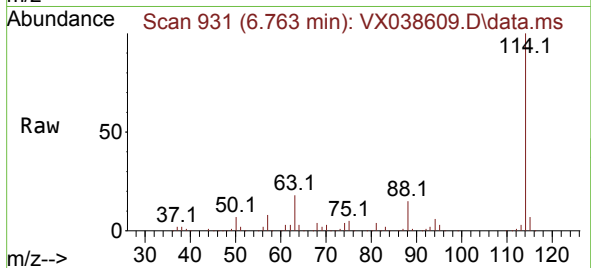




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

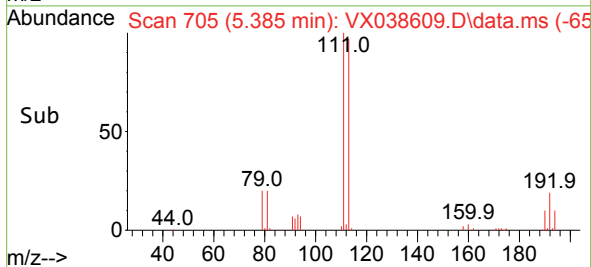
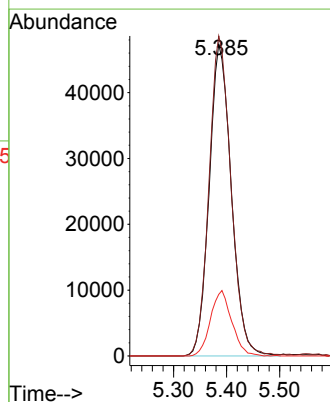
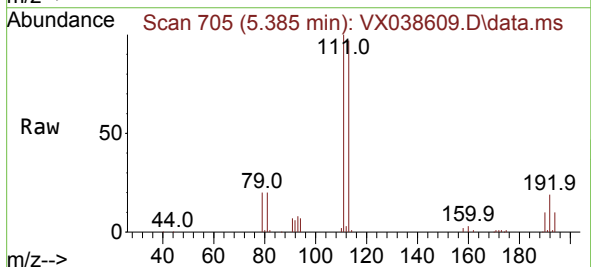
Instrument :
MSVOA_X
ClientSampleId :

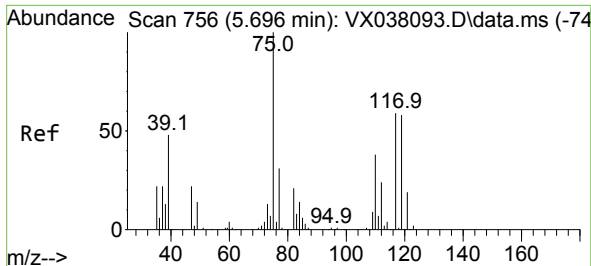
Tgt Ion:114 Resp: 346707
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.836 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

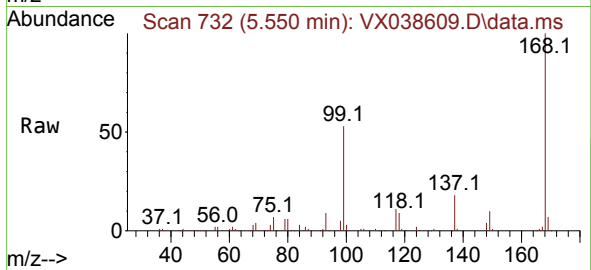
Tgt Ion:113 Resp: 136994
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 20.2 13.3 19.9#



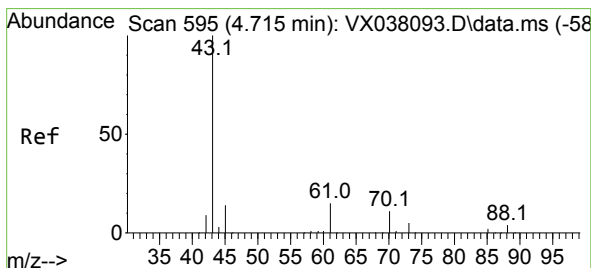
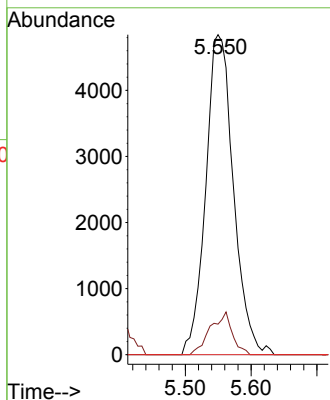
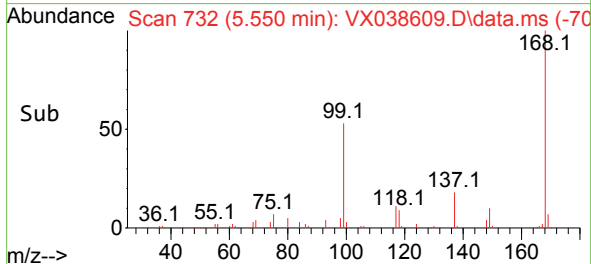


#36
1,1-Dichloropropene
Concen: 4.124 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :

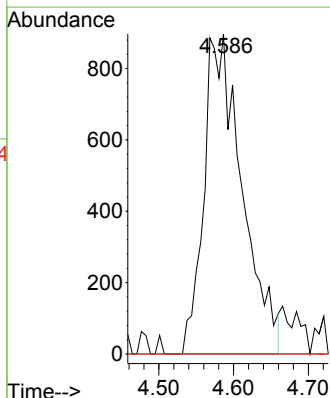
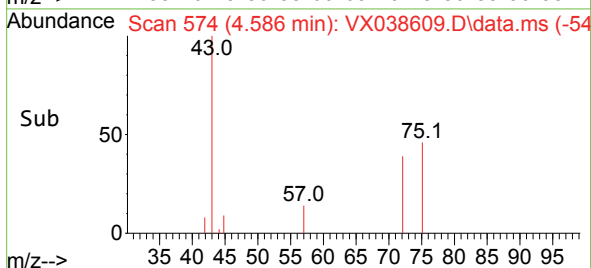
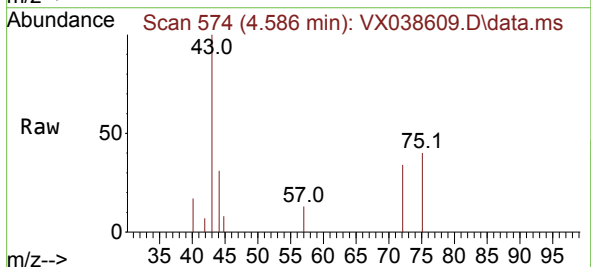


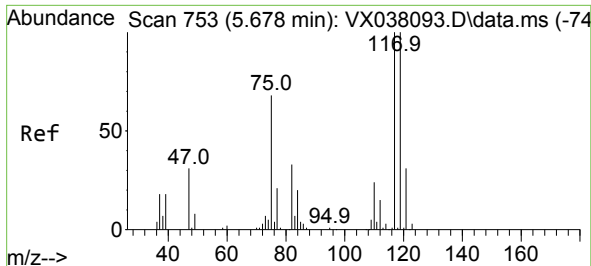
Tgt Ion: 75 Resp: 14207
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.776 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.129 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

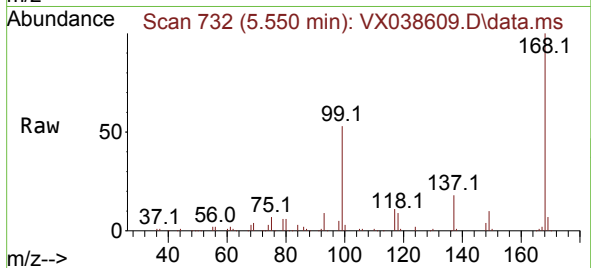
Tgt Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



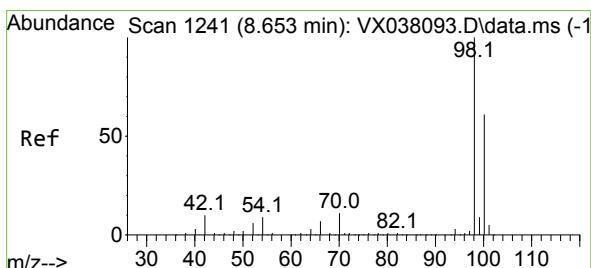
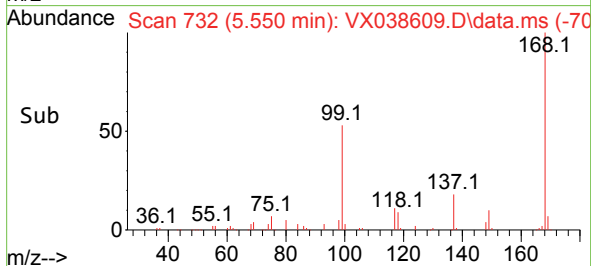
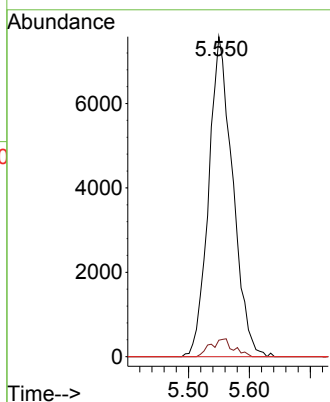


#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :

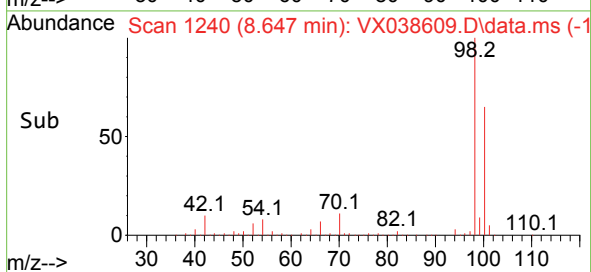
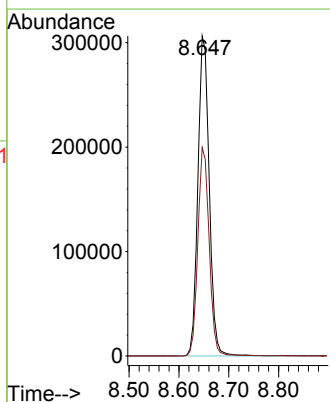
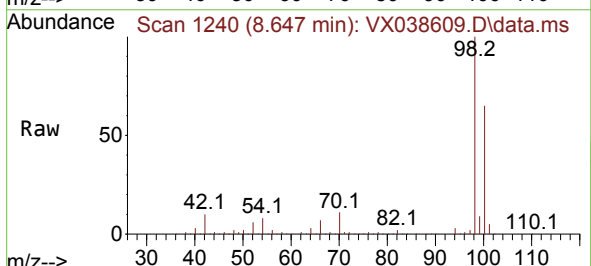


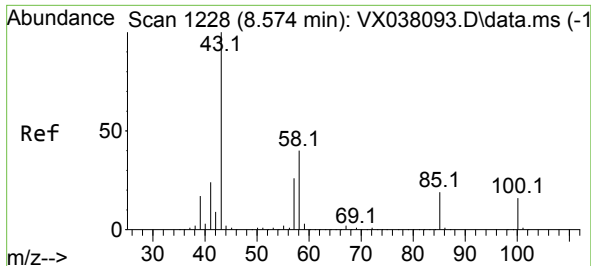
Tgt Ion:117 Resp: 20739
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.715 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Tgt Ion: 98 Resp: 484147
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

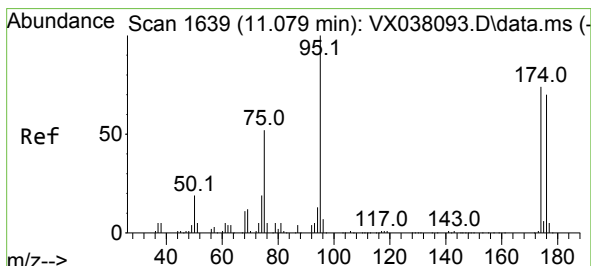
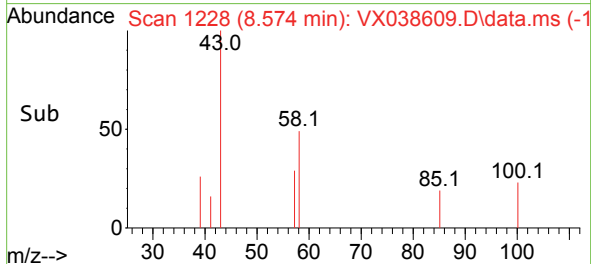
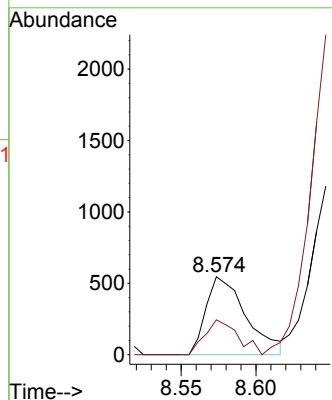
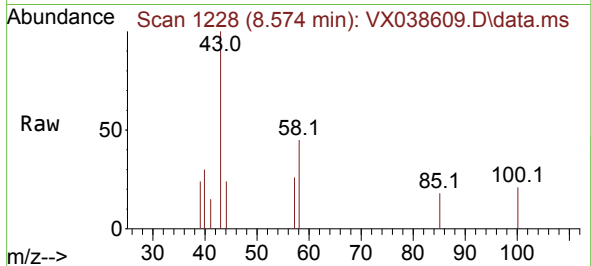




#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

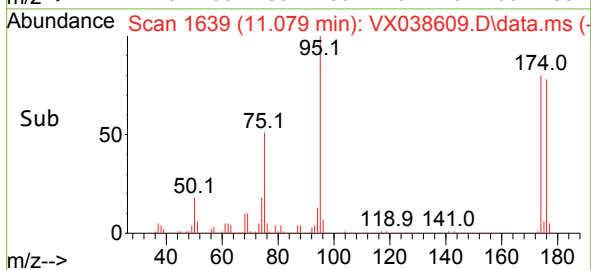
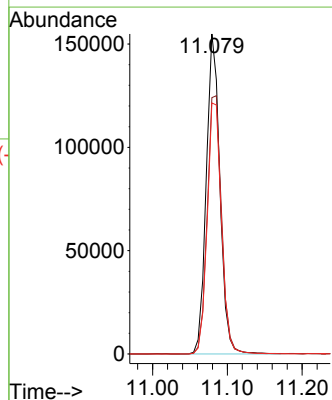
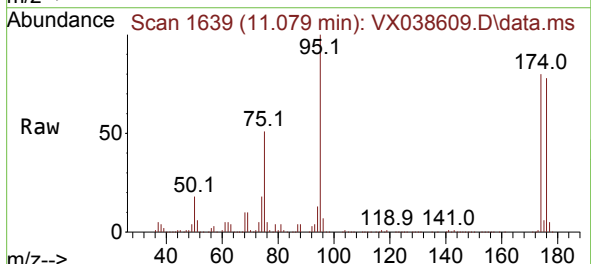
Instrument :
MSVOA_X
ClientSampleId :

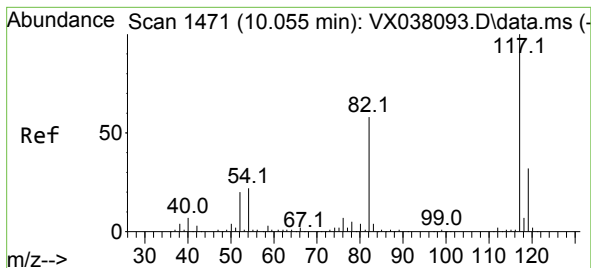
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 54.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Tgt Ion: 95 Resp: 195563
Ion Ratio Lower Upper
95 100
174 85.7 0.0 135.6
176 82.5 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: VX038609.D

Acq: 27 Oct 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

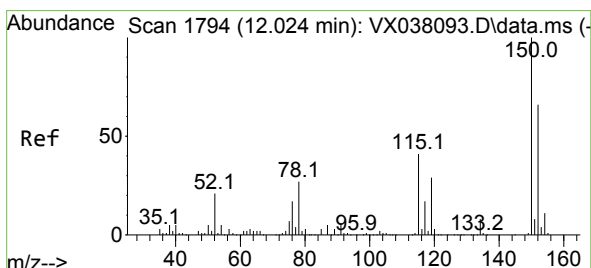
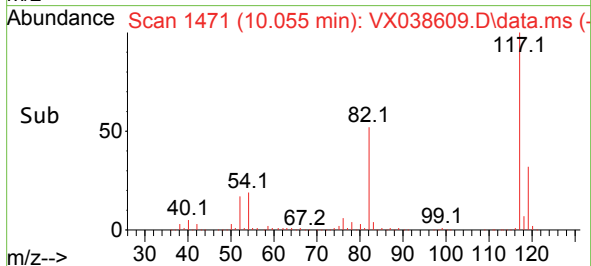
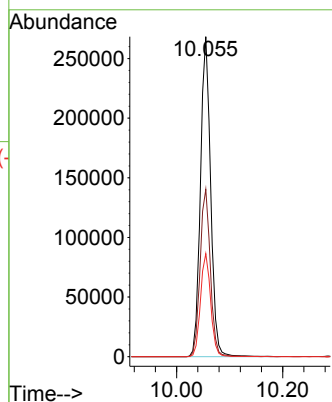
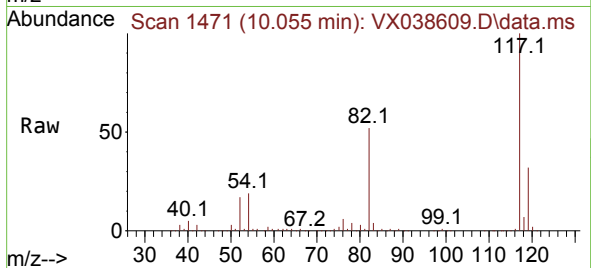
Tgt Ion:117 Resp: 359282

Ion Ratio Lower Upper

117 100

82 52.3 46.2 69.4

119 32.2 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: VX038609.D

Acq: 27 Oct 2023 17:45

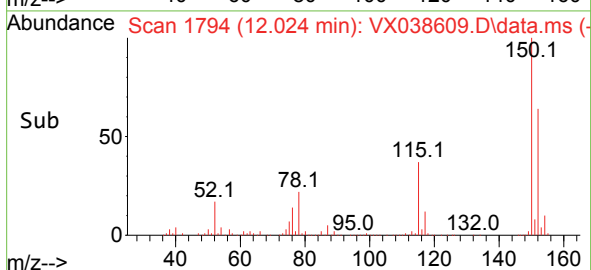
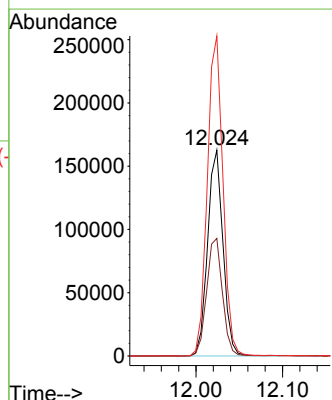
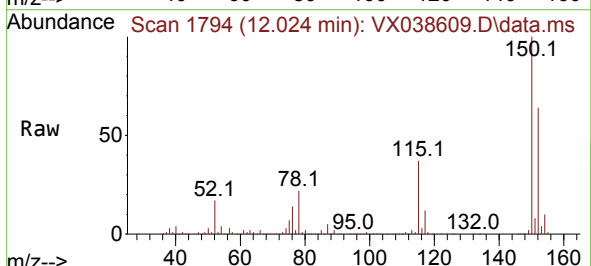
Tgt Ion:152 Resp: 200906

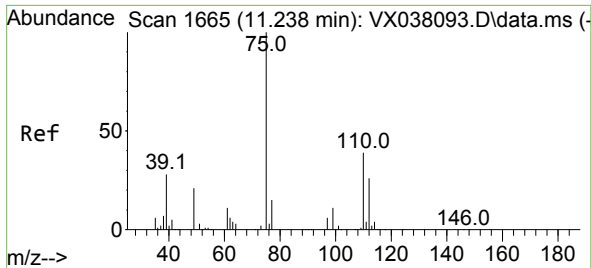
Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 157.8 0.0 345.0

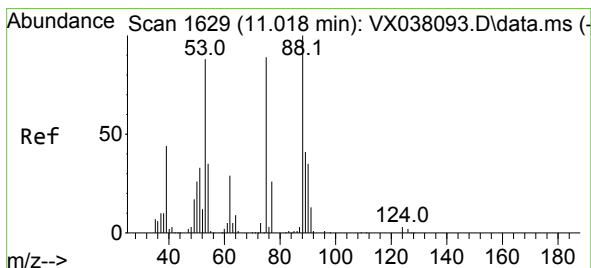
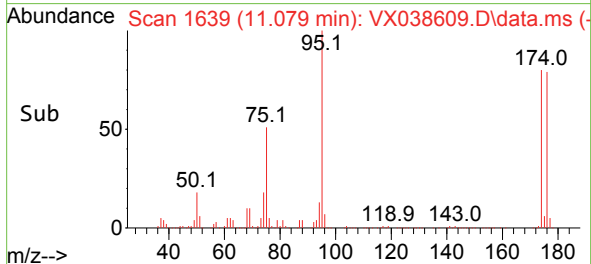
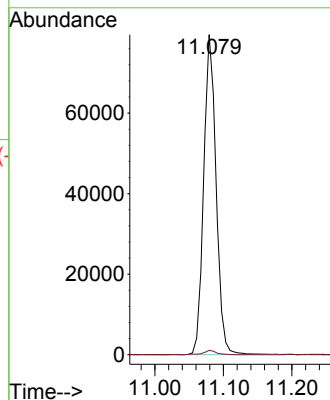
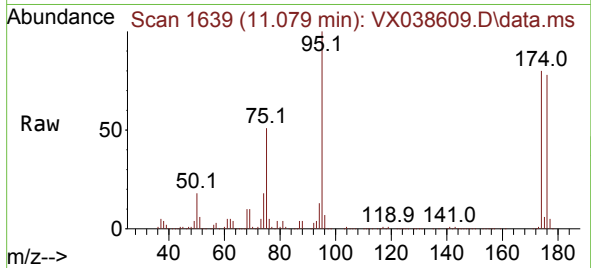




#76
1,2,3-Trichloropropane
Concen: 21.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

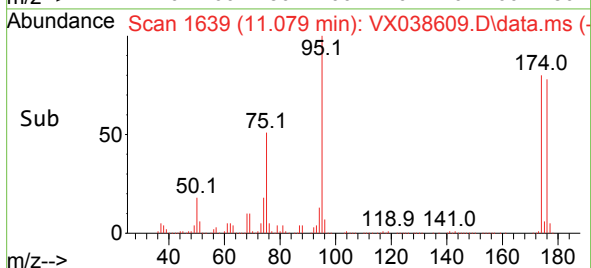
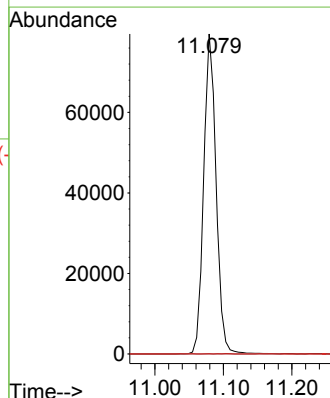
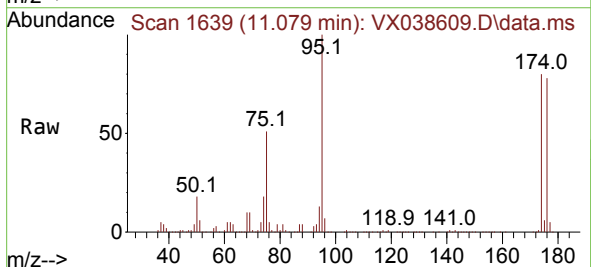
Instrument :
MSVOA_X
ClientSampleId :

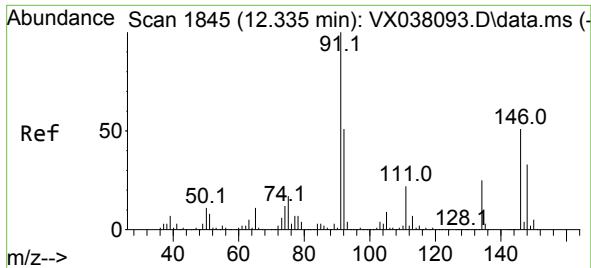
Tgt Ion: 75 Resp: 100250
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

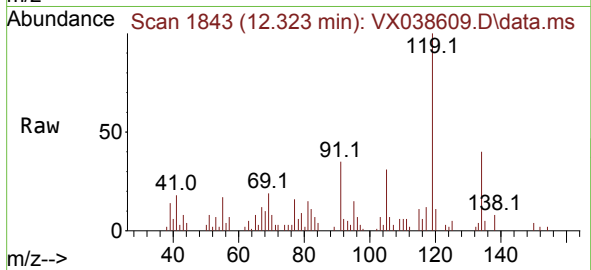
Tgt Ion: 75 Resp: 100250
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



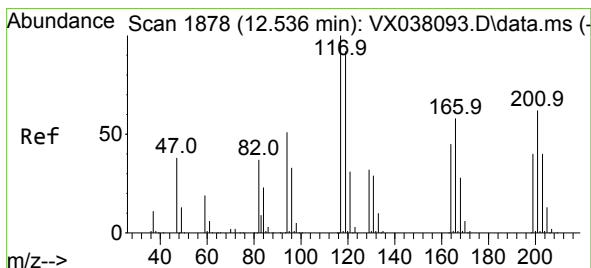
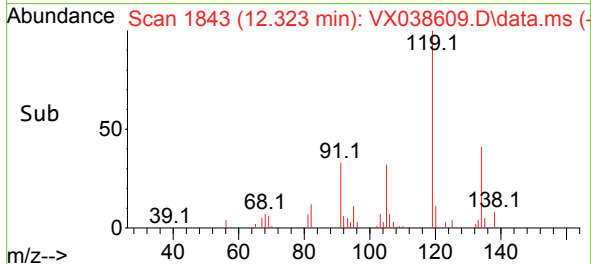
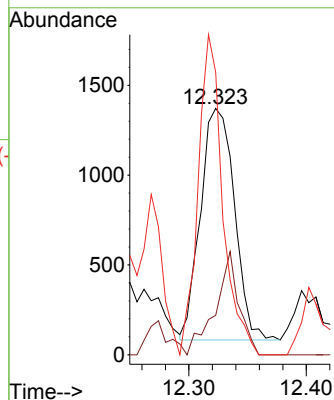


#89
n-Butylbenzene
Concen: 0.214 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :

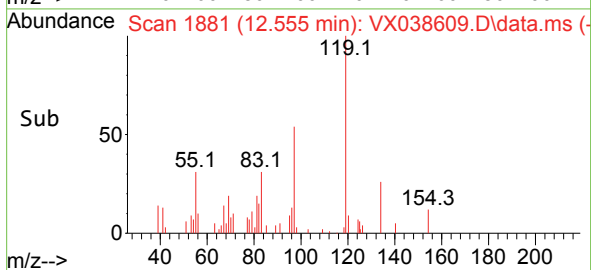
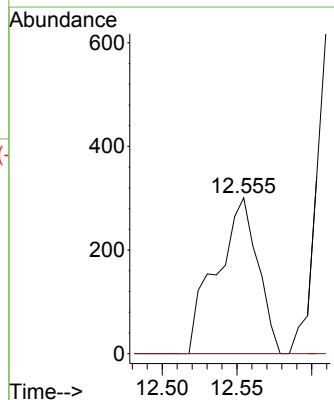
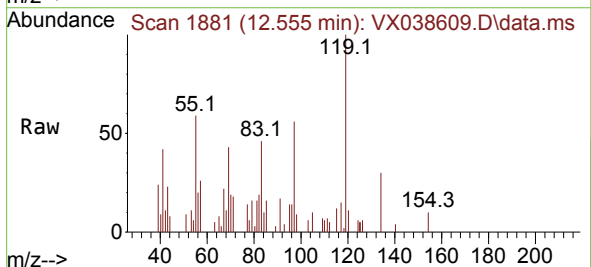


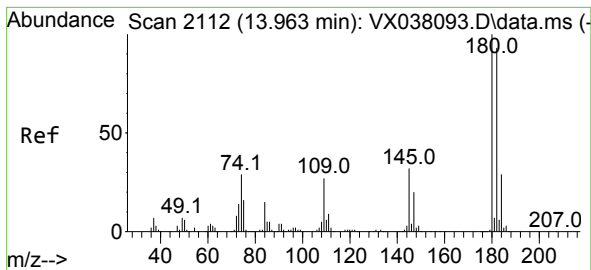
Tgt Ion: 91 Resp: 2587
Ion Ratio Lower Upper
91 100
92 31.0 27.4 82.0
134 100.3 12.6 37.8#



#90
Hexachloroethane
Concen: 0.287 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.019 min
Lab File: VX038609.D
Acq: 27 Oct 2023 17:45

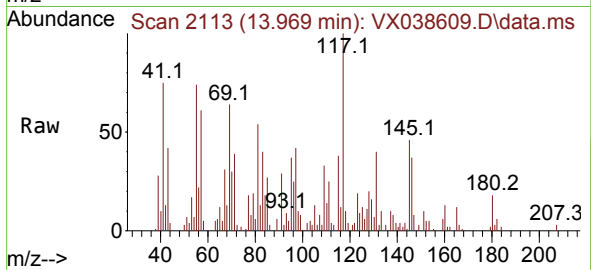
Tgt Ion: 117 Resp: 577
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX038609.D
 Acq: 27 Oct 2023 17:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 891
 Ion Ratio Lower Upper
 180 100
 182 23.1 46.9 140.6#
 145 258.8 17.8 53.5#

