

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038304.D
 Acq On : 16 Oct 2023 15:22
 Operator : JC/MD
 Sample : 04899-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:23:31 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)

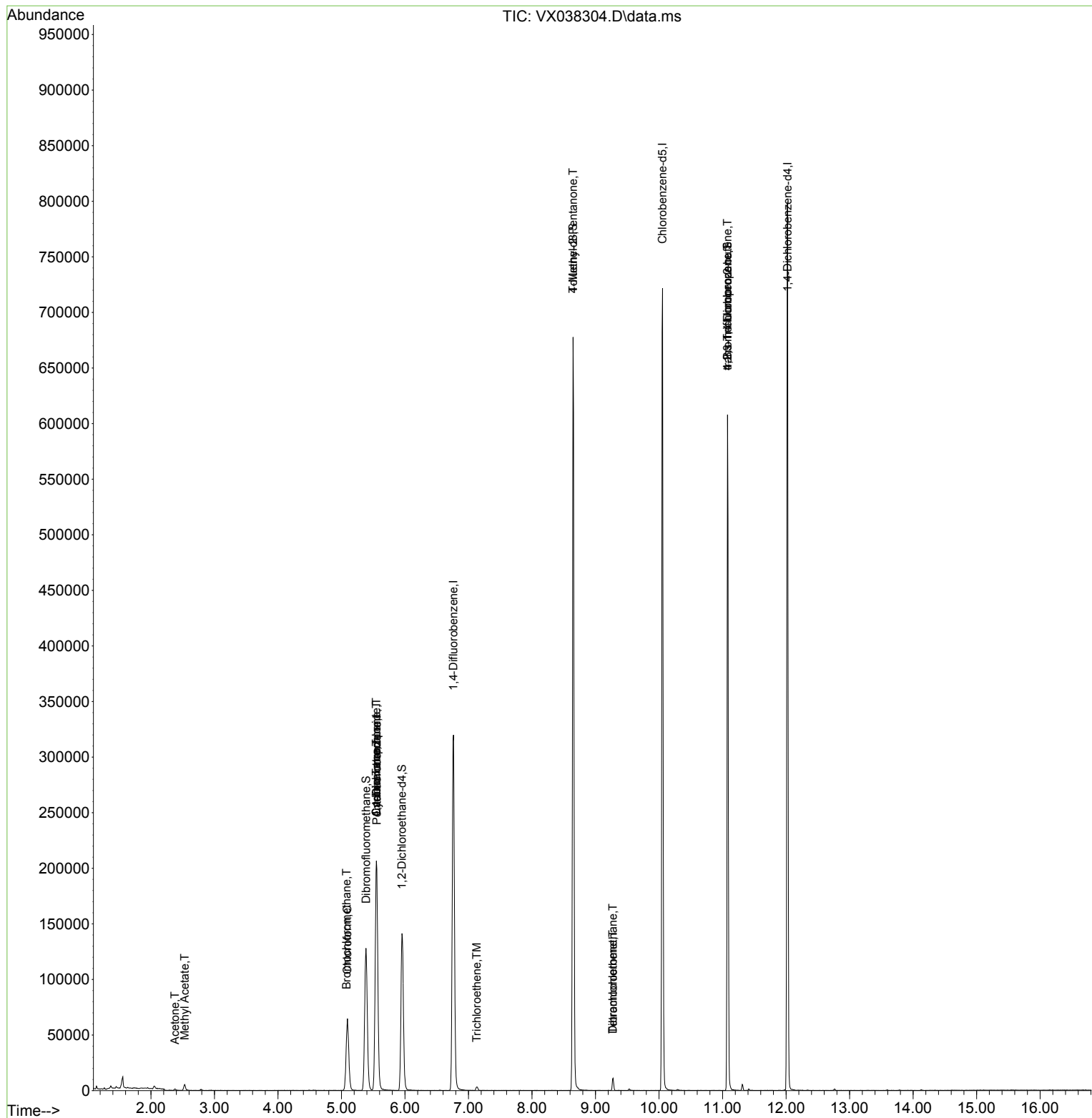
Internal Standards						
1) Pentafluorobenzene	5.556	168	193937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137758	44.162	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.320%		
35) Dibromofluoromethane	5.385	113	108972	45.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.420%		
50) Toluene-d8	8.647	98	407003	44.680	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.360%#		
62) 4-Bromofluorobenzene	11.079	95	153886	44.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.120%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	20	Below Cal	#	3
6) Chloroethane	1.691	64	136	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	57	Below Cal	#	78
16) Acetone	2.380	43	1564	1.201	ug/l #	85
18) Methyl Acetate	2.532	43	1804	0.323	ug/l #	53
28) Bromochloromethane	5.080	49	5928	3.253	ug/l #	16
30) Chloroform	5.093	83	73130	16.567	ug/l	96
31) Cyclohexane	5.550	56	4563	1.350	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	16357	4.976	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20553	6.356	ug/l #	15
44) Trichloroethene	7.129	130	1304	0.542	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1740	0.433	ug/l #	1
60) Dibromochloromethane	9.275	129	1637	0.653	ug/l #	11
64) Tetrachloroethene	9.275	164	1483	0.698	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	83624	21.687	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83624	62.249	ug/l #	5

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

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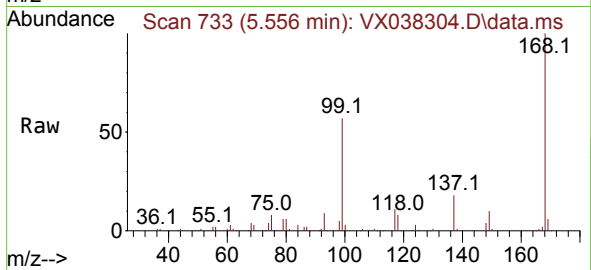
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



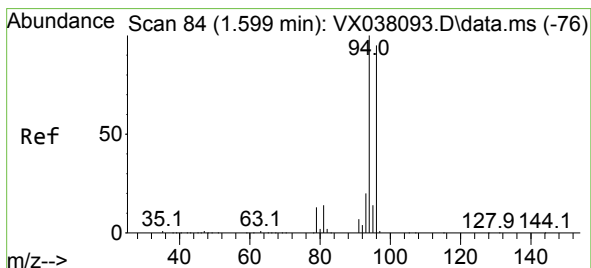
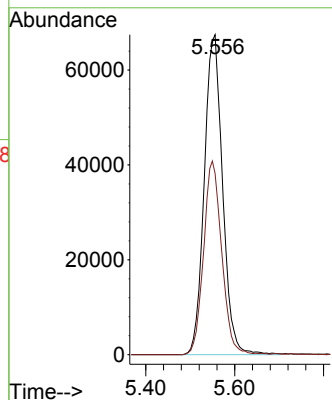
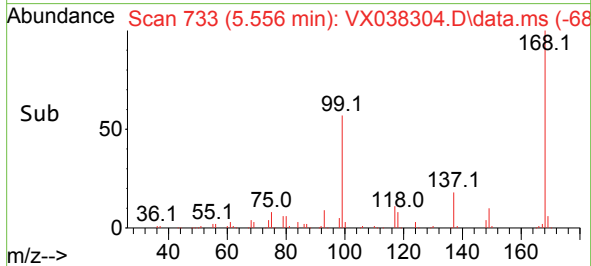


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Instrument :
MSVOA_X
ClientSampleId :

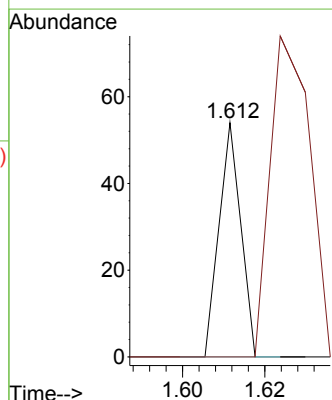
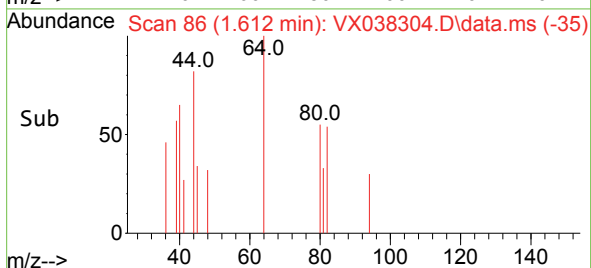
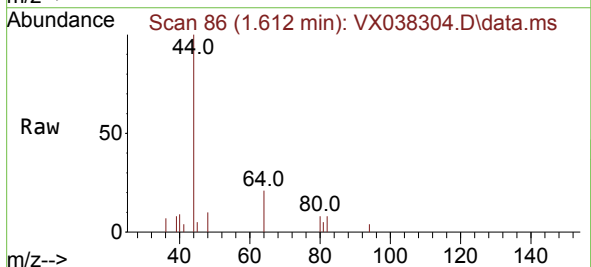


Tgt Ion:168 Resp: 193937
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

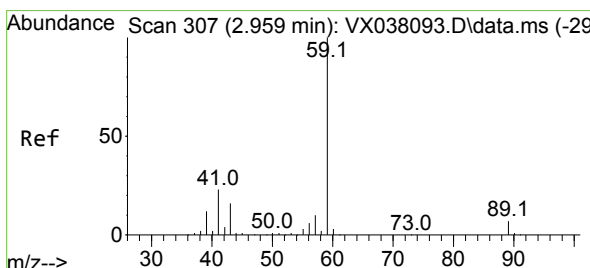
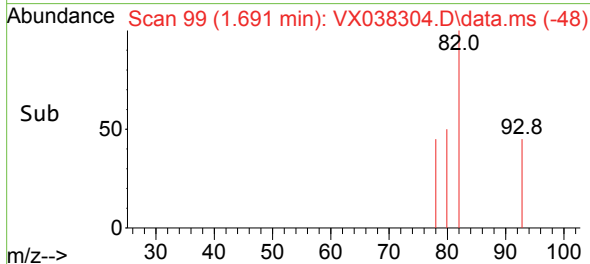
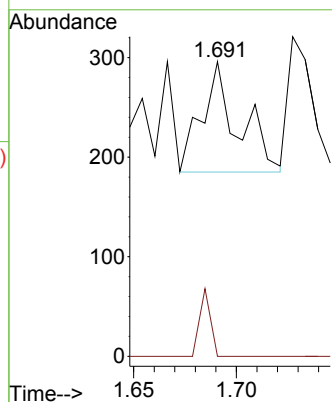
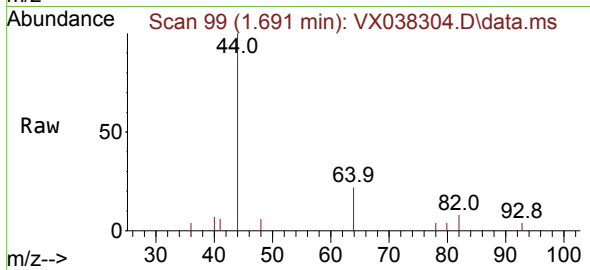




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

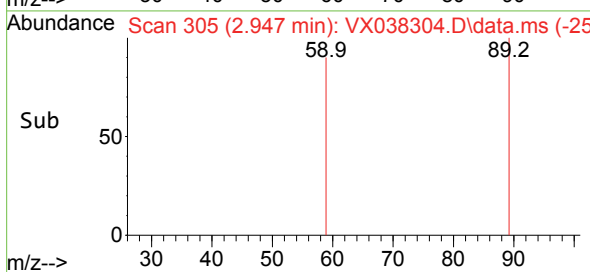
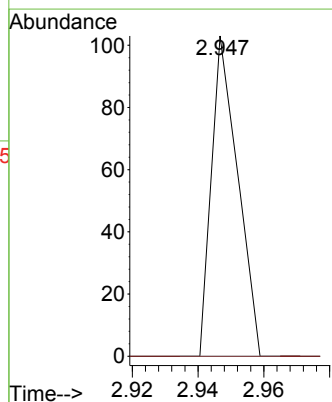
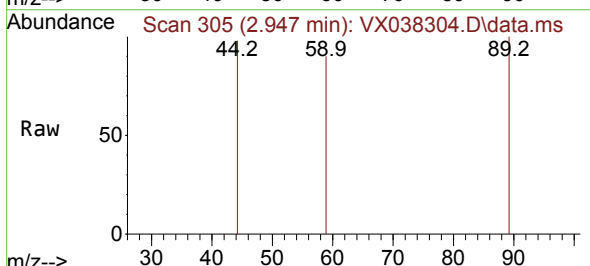
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 136
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: VX038304.D
Acq: 16 Oct 2023 15:22

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

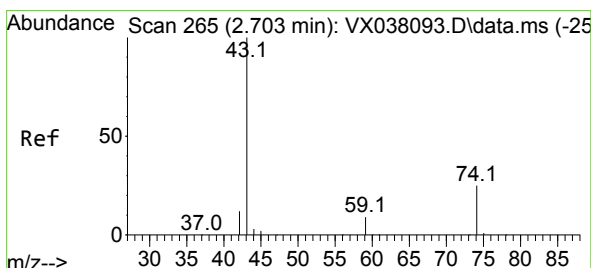
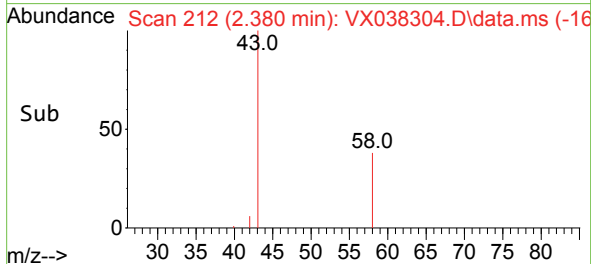
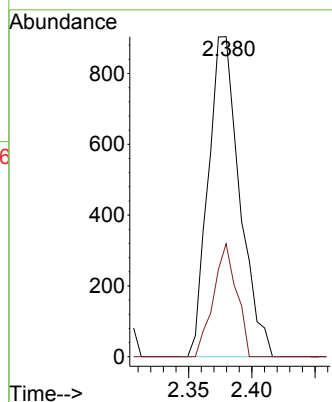
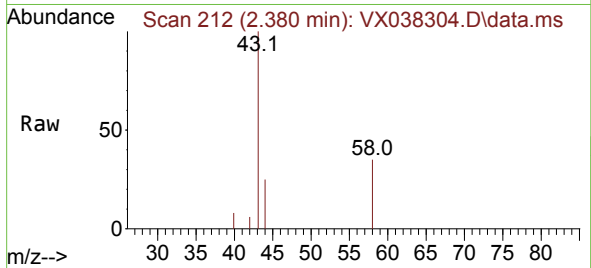




#16
Acetone
Concen: 1.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

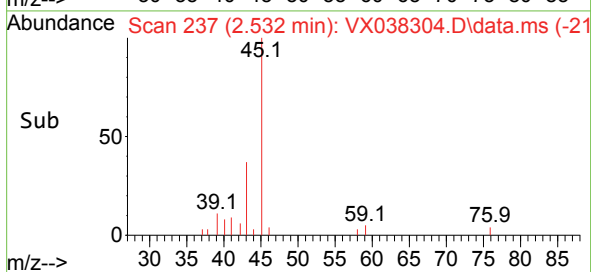
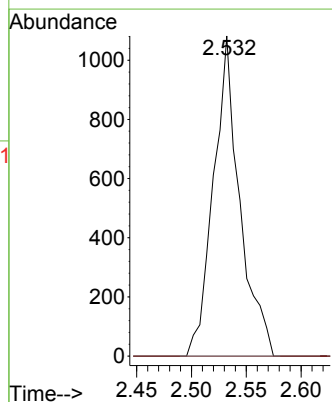
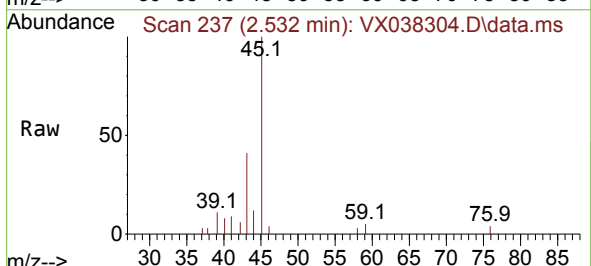
Instrument :
MSVOA_X
ClientSampleId :

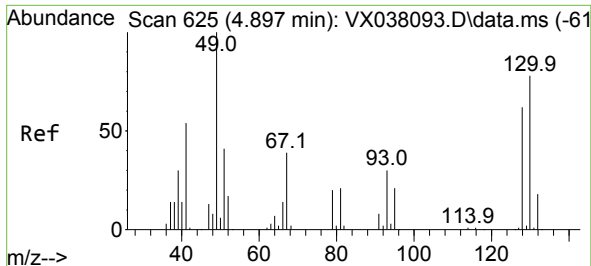
Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#



#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

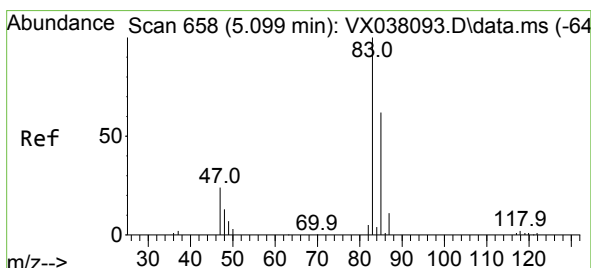
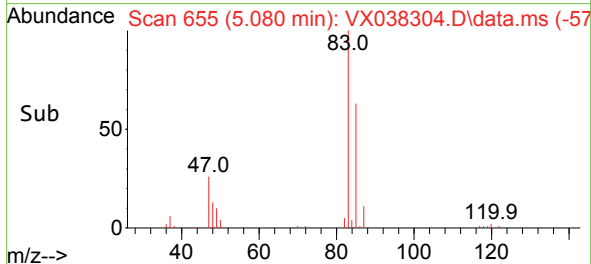
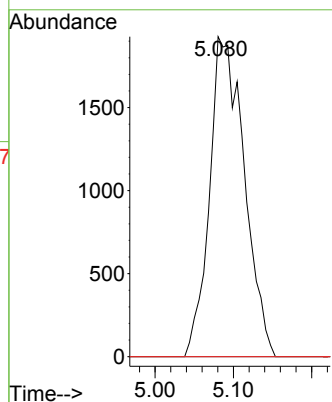
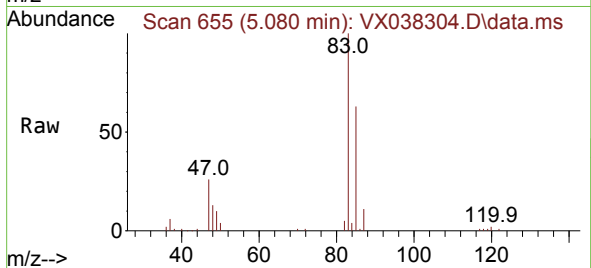




#28
Bromochloromethane
Concen: 3.253 ug/l
RT: 5.080 min Scan# 61
Delta R.T. 0.183 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

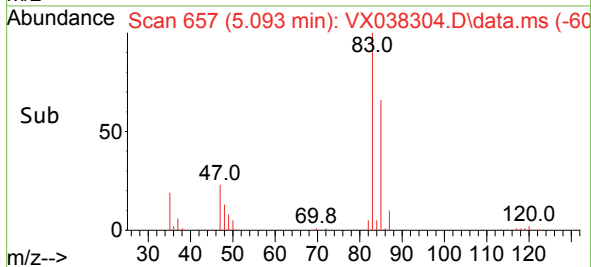
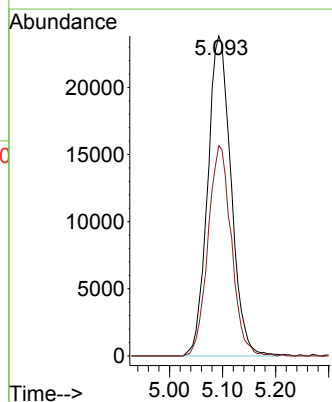
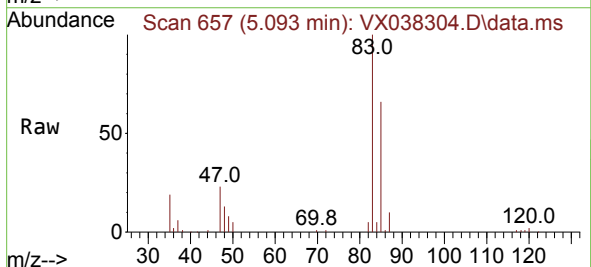
Instrument :
MSVOA_X
ClientSampleId :

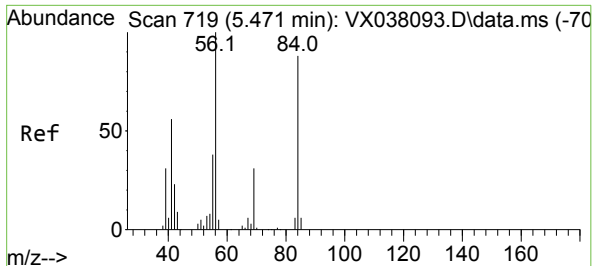
Tgt Ion: 49 Resp: 5928
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 16.567 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

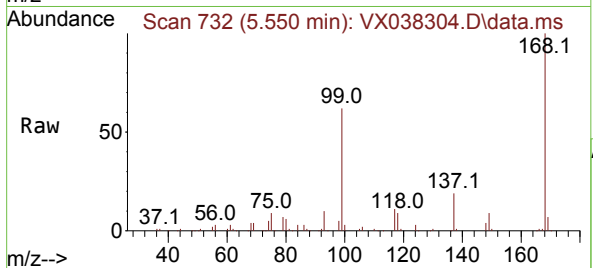
Tgt Ion: 83 Resp: 73130
Ion Ratio Lower Upper
83 100
85 65.7 50.3 75.5



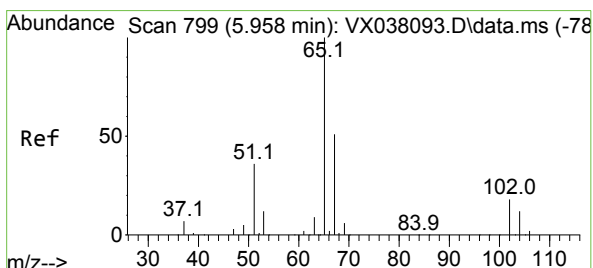
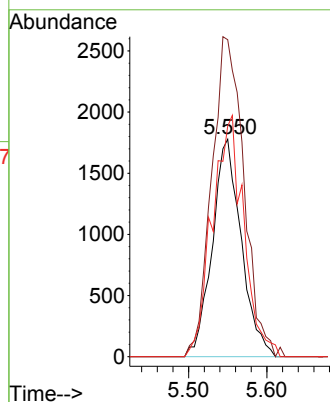
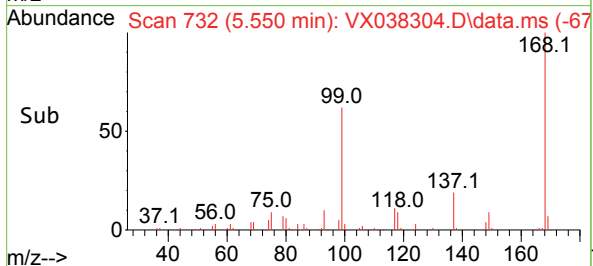


#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Instrument :
MSVOA_X
ClientSampleId :

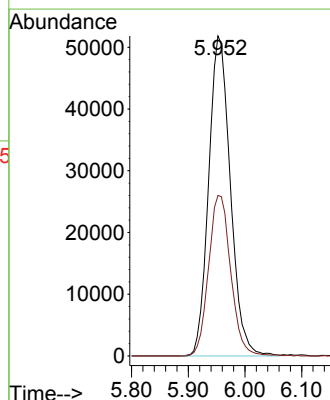
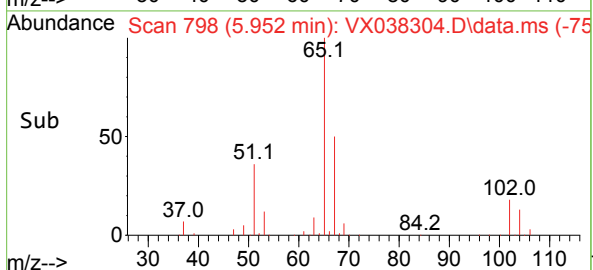
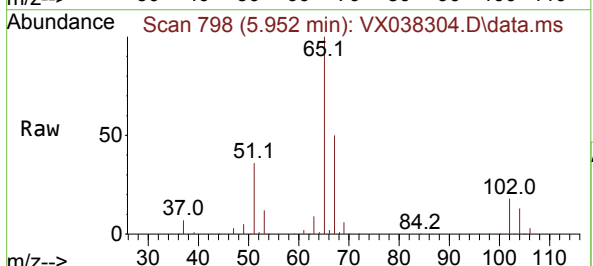


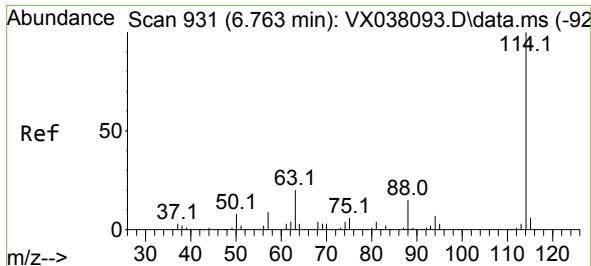
Tgt Ion: 56 Resp: 4563
Ion Ratio Lower Upper
56 100
69 145.8 23.4 35.2#
84 106.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.162 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 65 Resp: 137758
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

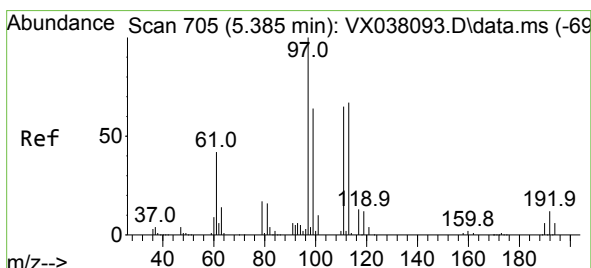
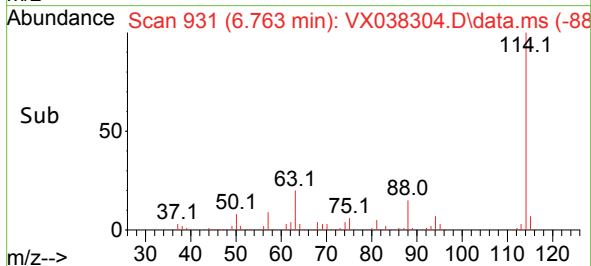
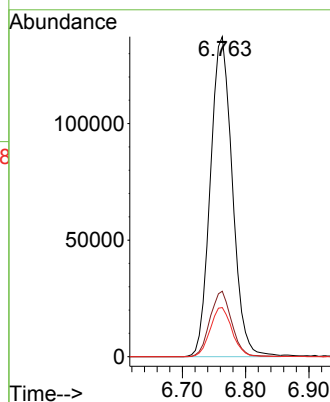
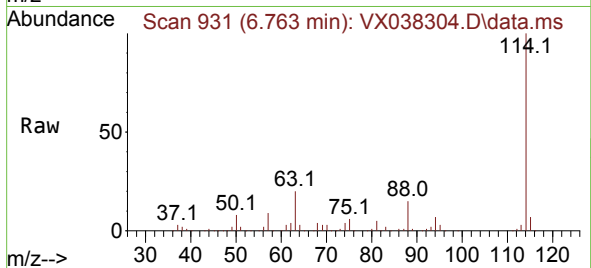




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

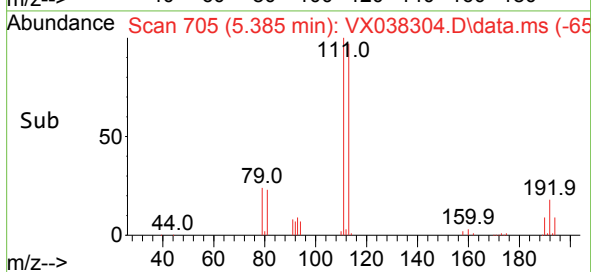
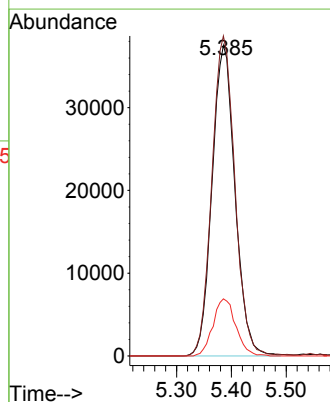
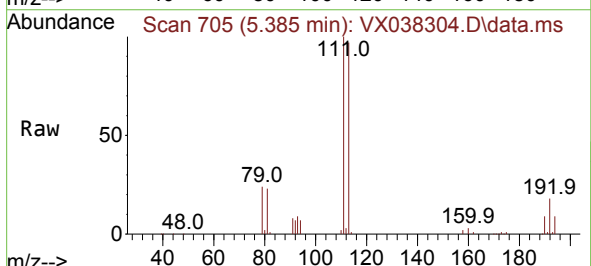
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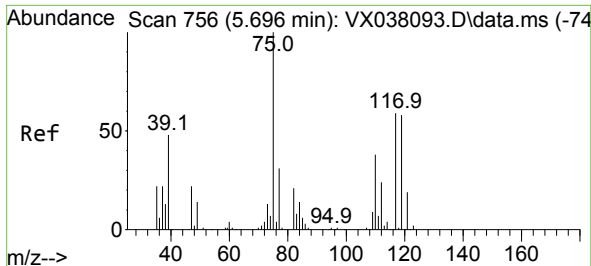
Tgt Ion:114 Resp: 330832
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

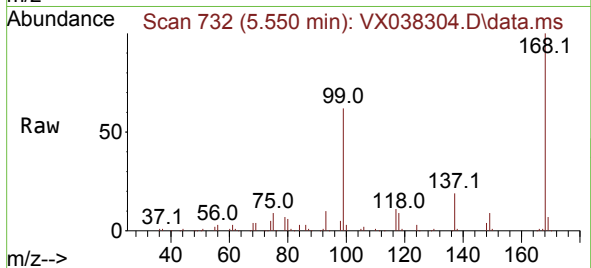
Tgt Ion:113 Resp: 108972
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.3 13.3 19.9



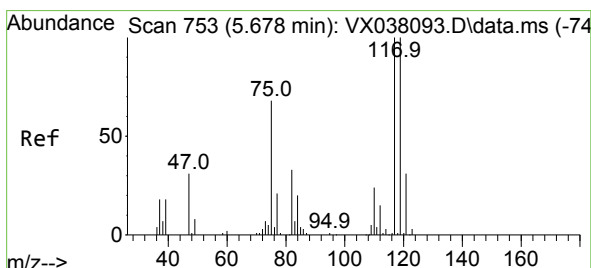
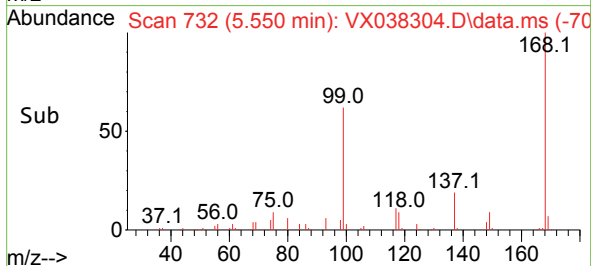
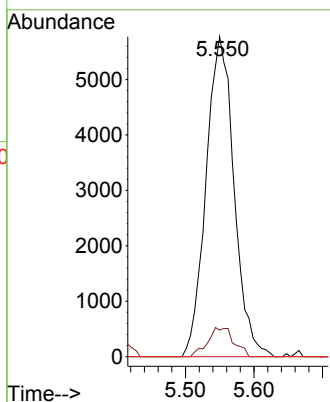


#36
 1,1-Dichloropropene
 Concen: 4.976 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.140 min
 Lab File: VX038304.D
 Acq: 16 Oct 2023 15:22

Instrument :
 MSVOA_X
 ClientSampleId :

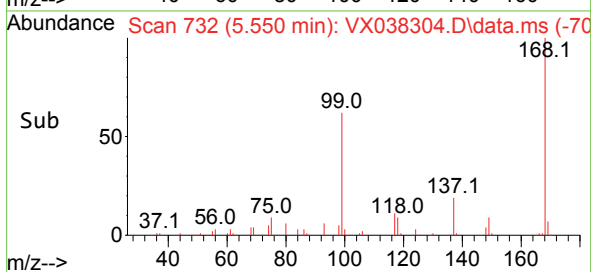
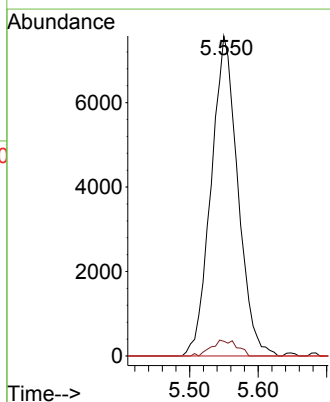
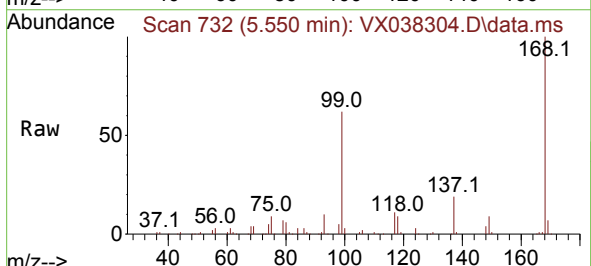


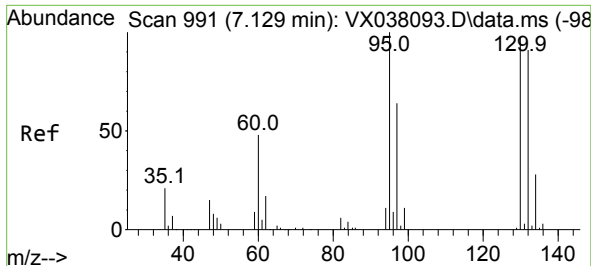
Tgt Ion: 75 Resp: 16357
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.356 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX038304.D
 Acq: 16 Oct 2023 15:22

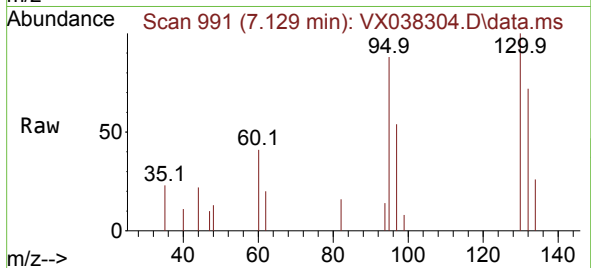
Tgt Ion: 117 Resp: 20553
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.2 117.2#
 121 0.0 24.4 36.6#



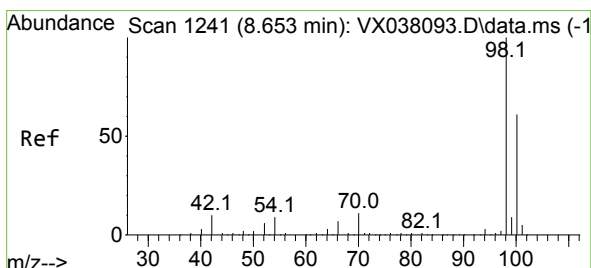
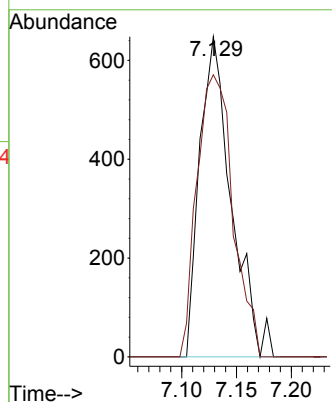
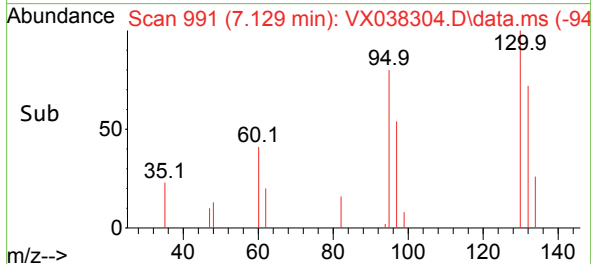


#44
Trichloroethene
Concen: 0.542 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Instrument :
MSVOA_X
ClientSampleId :

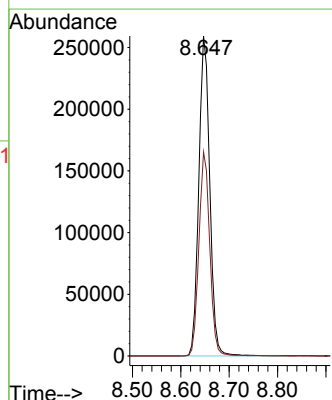
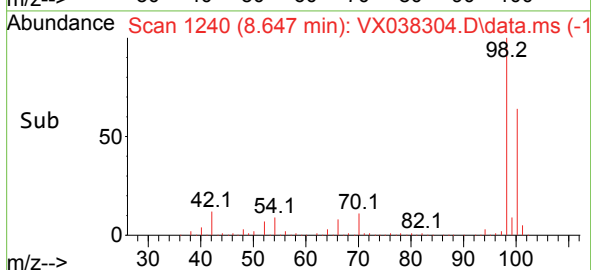
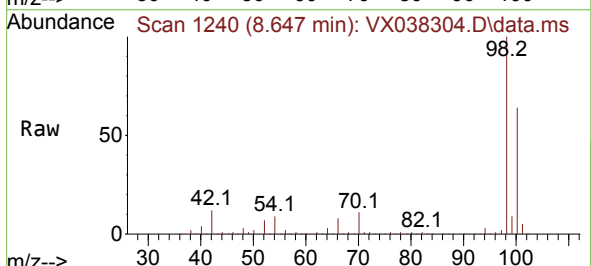


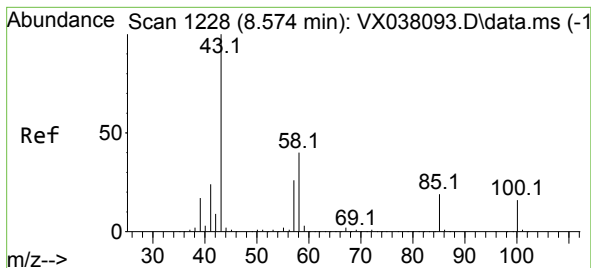
Tgt Ion:130 Resp: 1304
Ion Ratio Lower Upper
130 100
95 88.1 0.0 204.4



#50
Toluene-d8
Concen: 44.680 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 98 Resp: 407003
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

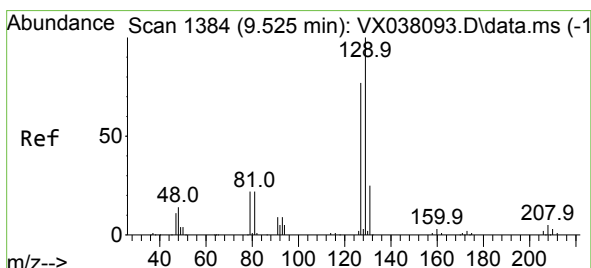
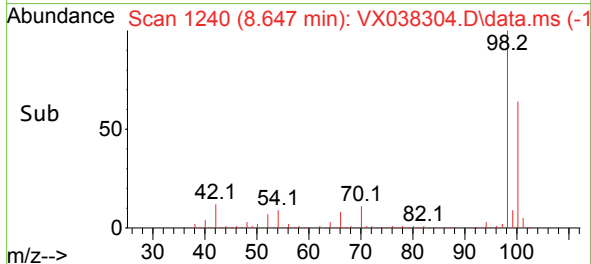
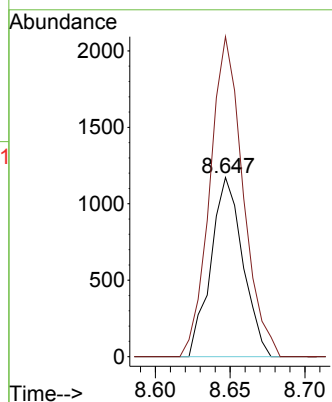
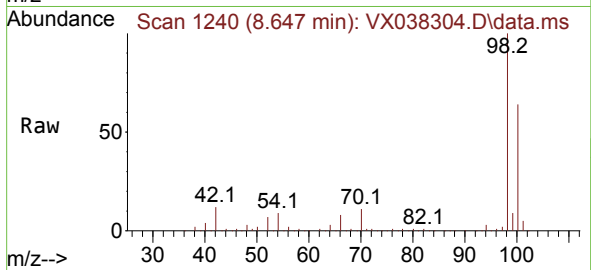




#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

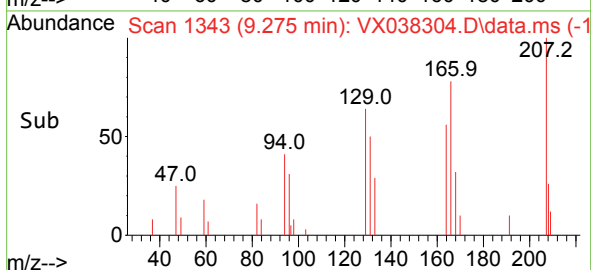
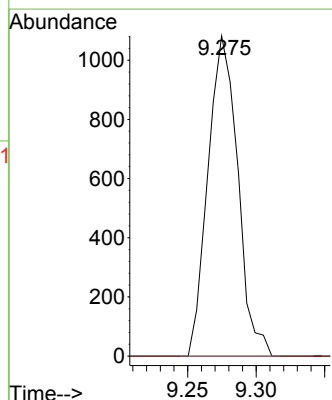
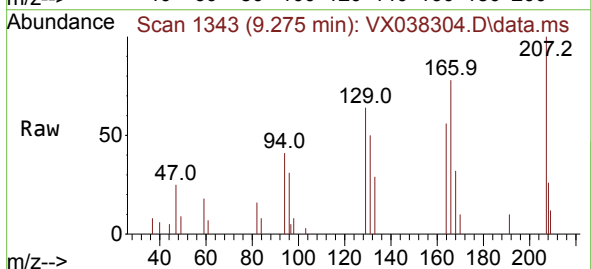
Instrument :
MSVOA_X
ClientSampleId :

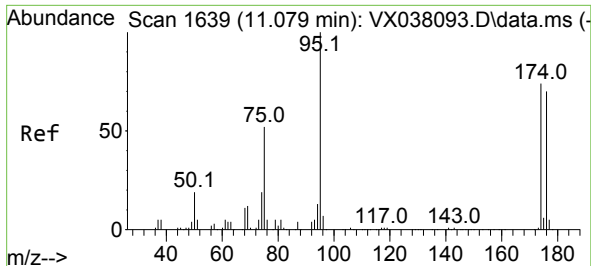
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 185.2 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.653 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion: 129 Resp: 1637
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

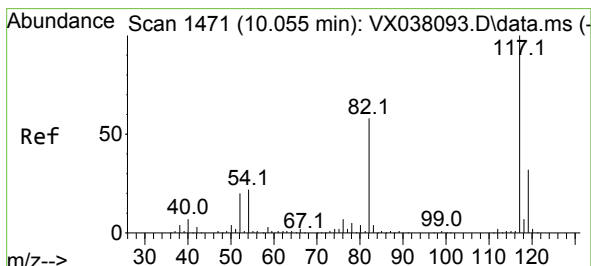
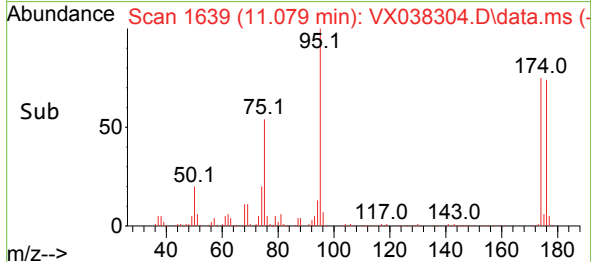
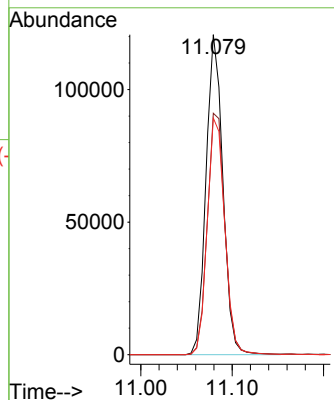
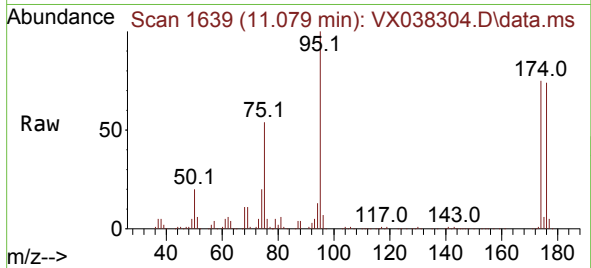




#62
4-Bromofluorobenzene
Concen: 44.560 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

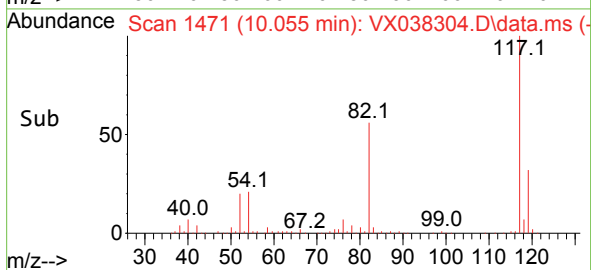
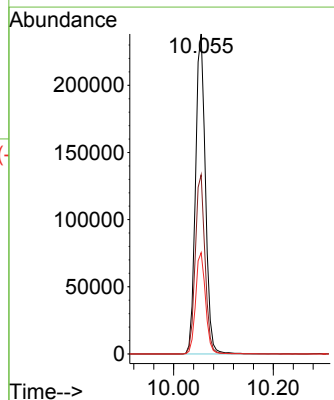
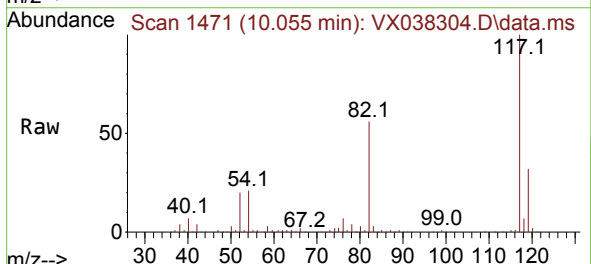
Instrument :
MSVOA_X
ClientSampleId :

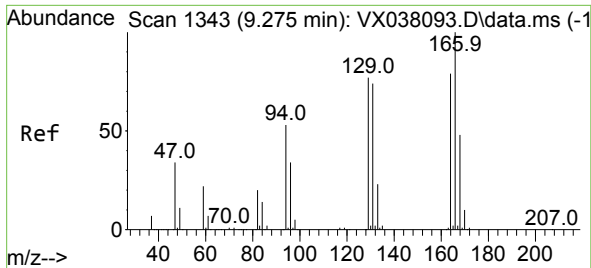
Tgt Ion: 95 Resp: 153886
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

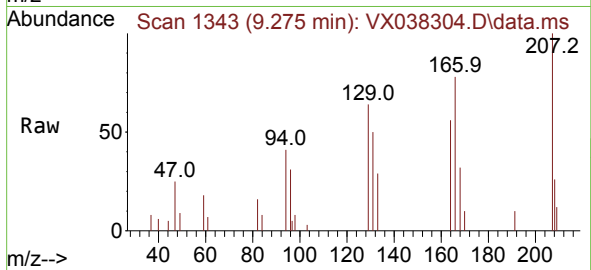
Tgt Ion: 117 Resp: 328237
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.6 25.5 38.3



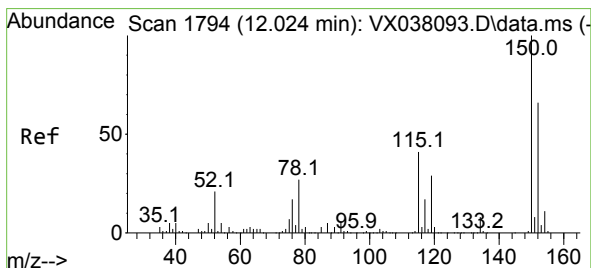
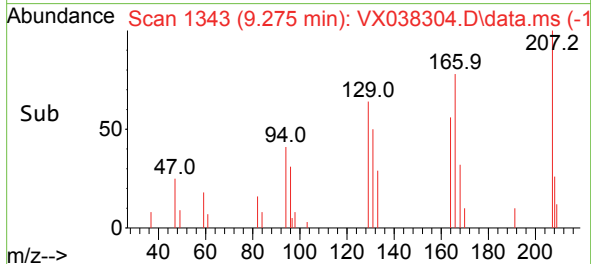
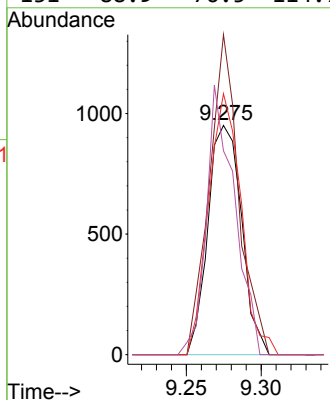


#64
Tetrachloroethene
Concen: 0.698 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Instrument :
MSVOA_X
ClientSampleId :

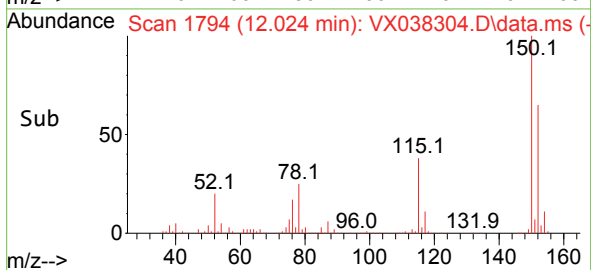
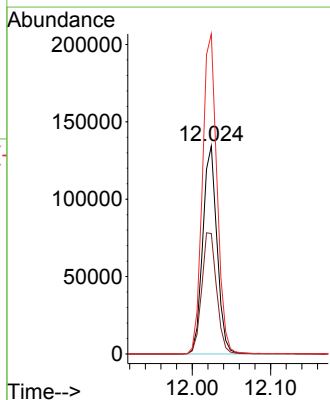
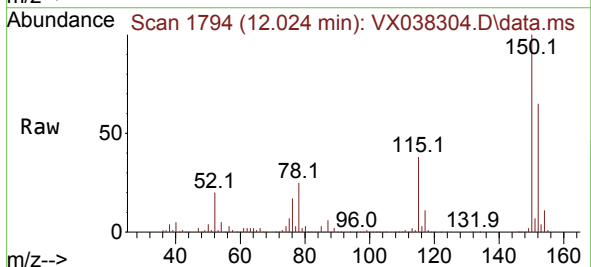


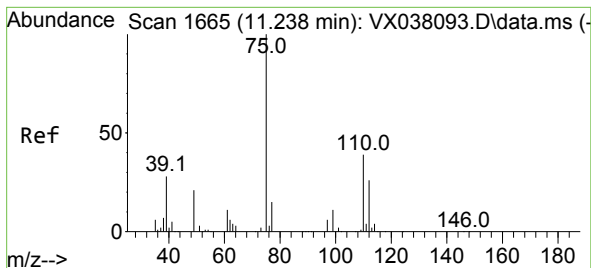
Tgt Ion:164 Resp: 1483
Ion Ratio Lower Upper
164 100
166 139.5 102.7 154.1
129 113.8 80.4 120.6
131 88.9 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038304.D
Acq: 16 Oct 2023 15:22

Tgt Ion:152 Resp: 169615
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.687 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038304.D

Acq: 16 Oct 2023 15:22

Instrument :

MSVOA_X

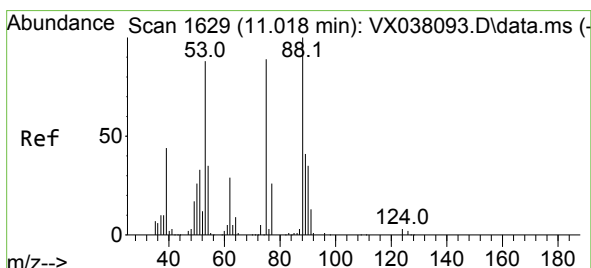
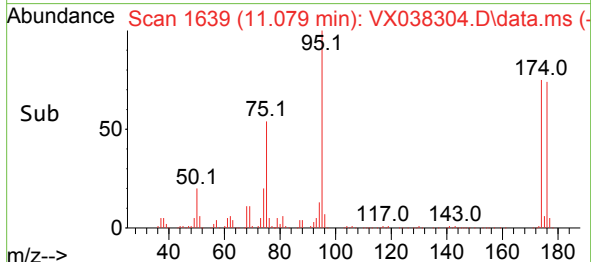
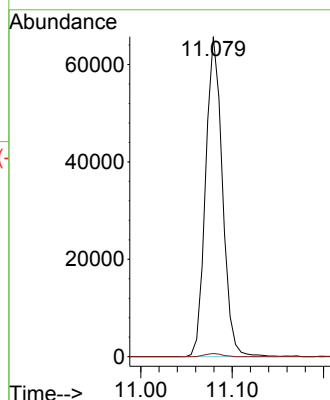
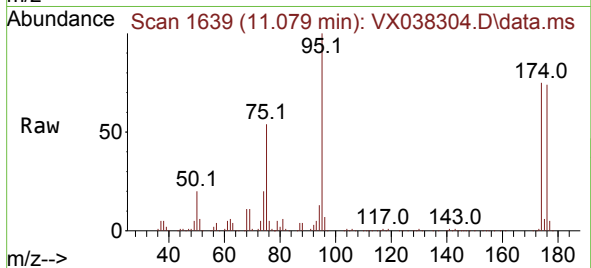
ClientSampleId :

Tgt Ion: 75 Resp: 83624

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.249 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038304.D

Acq: 16 Oct 2023 15:22

Tgt Ion: 75 Resp: 83624

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

