

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038229.D
 Acq On : 11 Oct 2023 15:09
 Operator : JC/MD
 Sample : 04803-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:45:47 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)

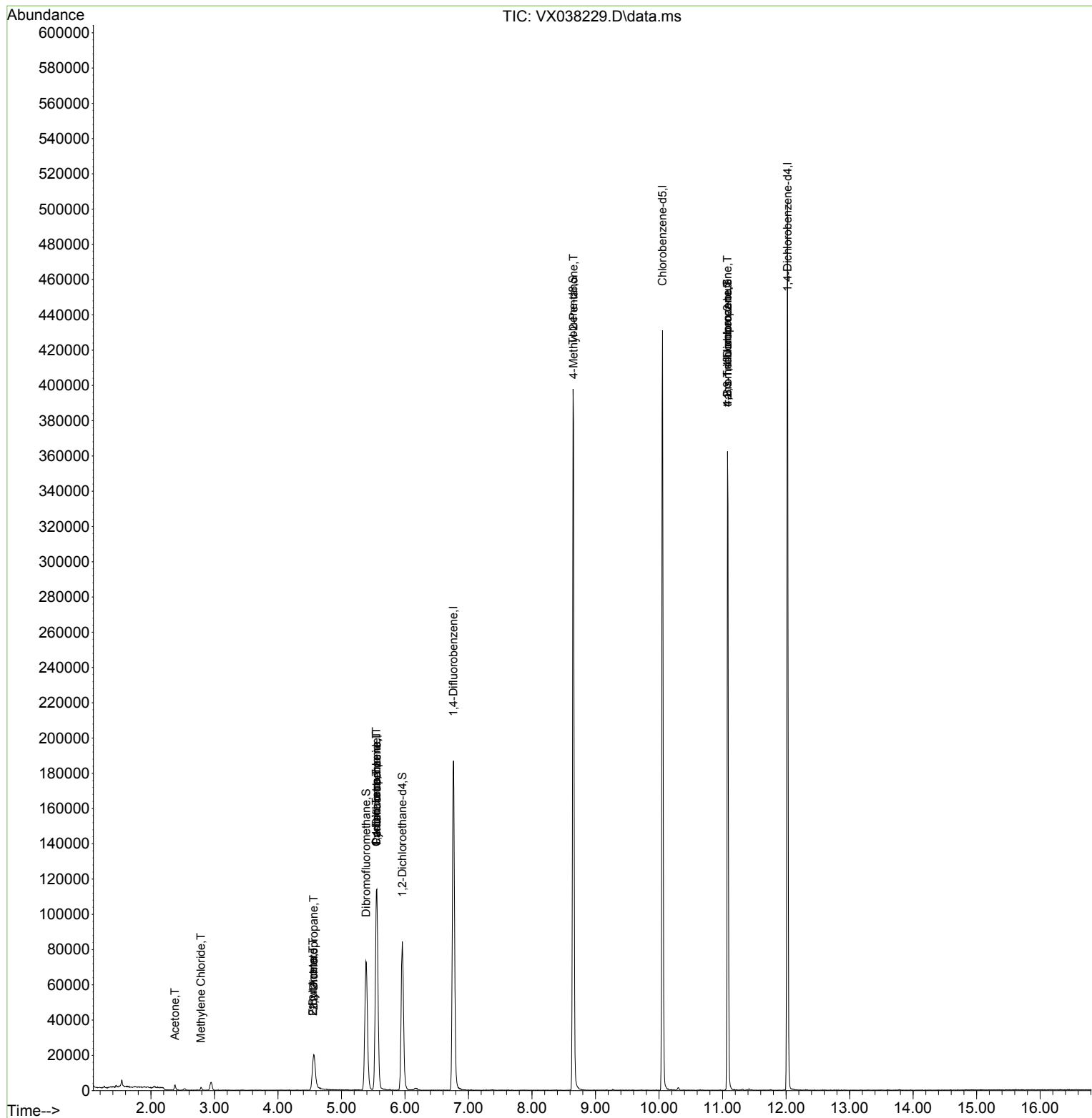
Internal Standards						
1) Pentafluorobenzene	5.556	168	108423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80343	46.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.140%		
35) Dibromofluoromethane	5.385	113	62721	45.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.540%		
50) Toluene-d8	8.647	98	241425	45.602	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.200%#		
62) 4-Bromofluorobenzene	11.079	95	90568	45.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.240%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	99	Below Cal	#	3
6) Chloroethane	1.672	64	180	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	3058	Below Cal	#	81
16) Acetone	2.379	43	3104	4.265	ug/l	94
20) Methylene Chloride	2.788	84	656	0.479	ug/l #	88
25) 2-Butanone	4.550	43	1358	1.156	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	1706	0.968	ug/l #	54
31) Cyclohexane	5.550	56	2701	1.430	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9683	5.068	ug/l #	50
37) Ethyl Acetate	4.550	43	1358	0.598	ug/l #	1
38) Carbon Tetrachloride	5.550	117	11414	6.073	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1098	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50375	21.831	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50375	62.636	ug/l #	5

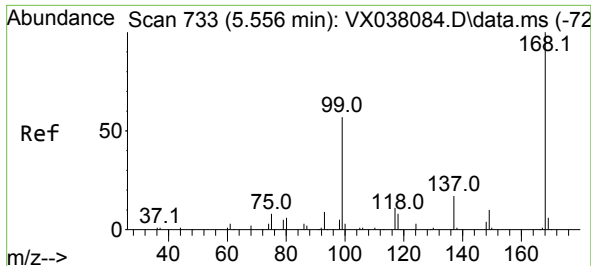
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
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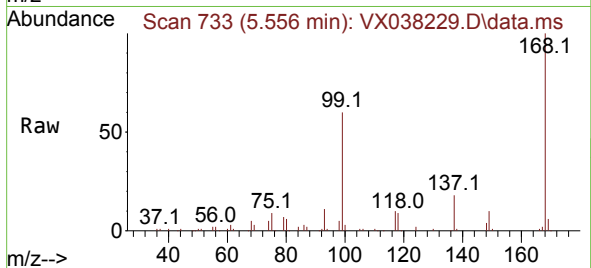
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



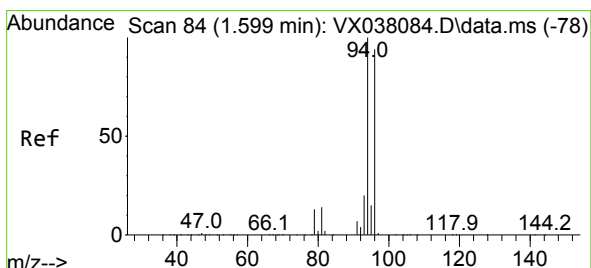
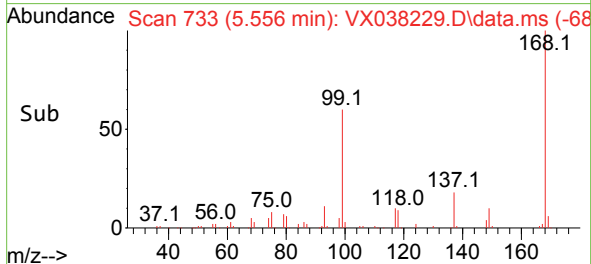
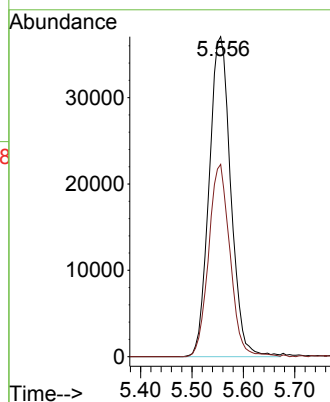


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

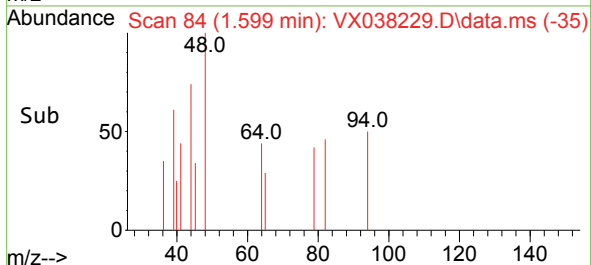
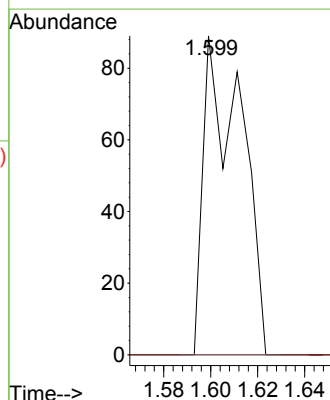
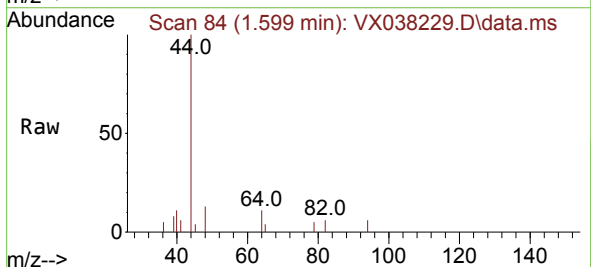


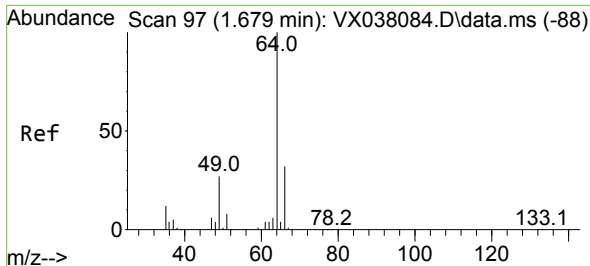
Tgt Ion:168 Resp: 108423
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Tgt Ion: 94 Resp: 99
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

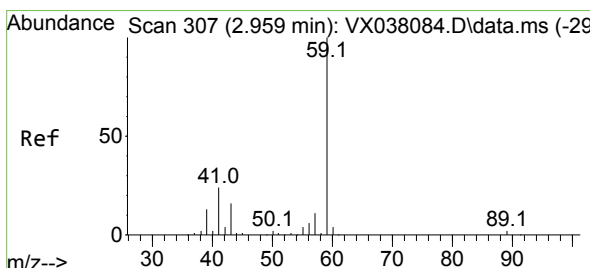
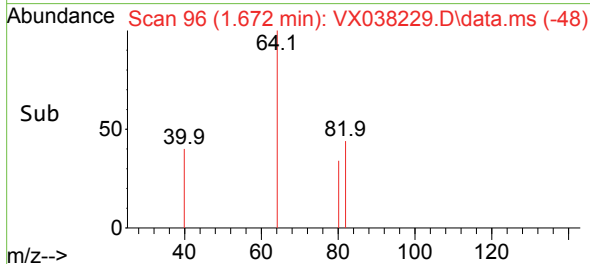
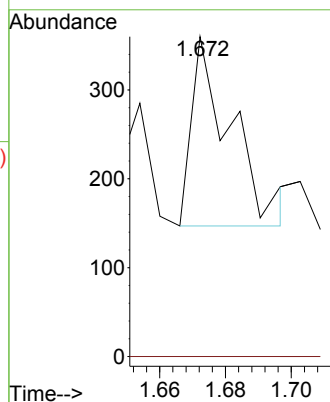
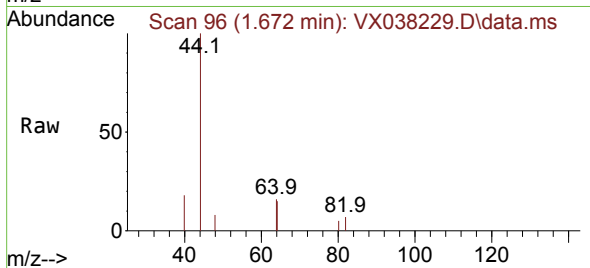




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

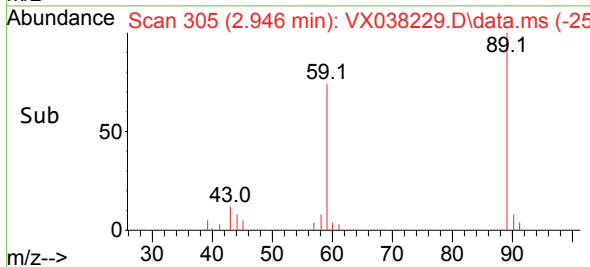
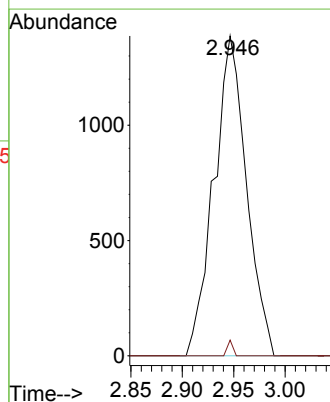
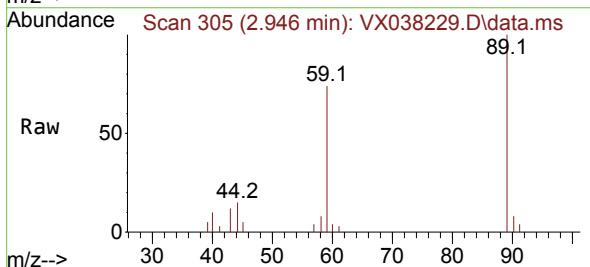
Instrument :
MSVOA_X
ClientSampleId :

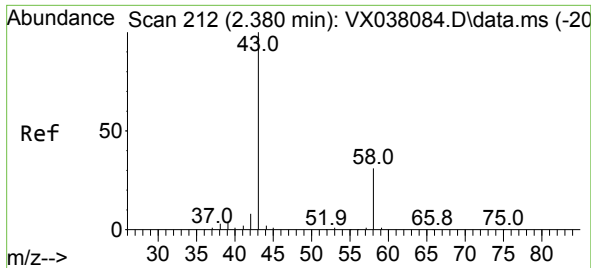
Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

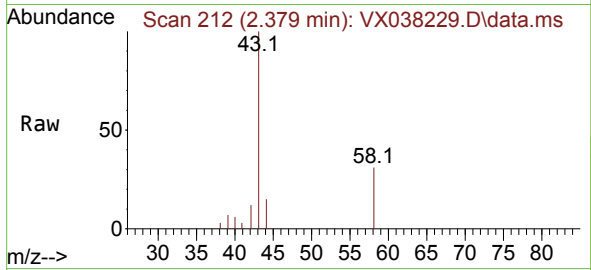
Tgt Ion: 59 Resp: 3058
Ion Ratio Lower Upper
59 100
57 0.8 6.0 9.0#



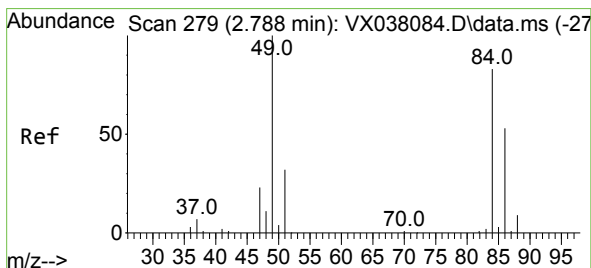
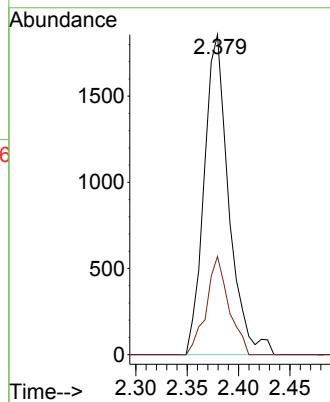
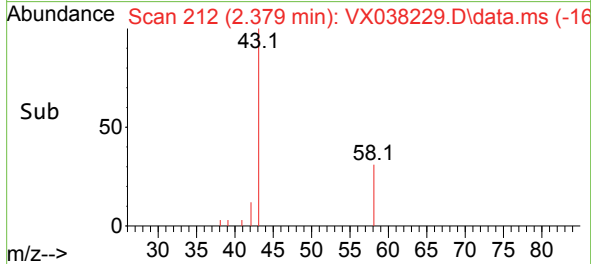


#16
Acetone
Concen: 4.265 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

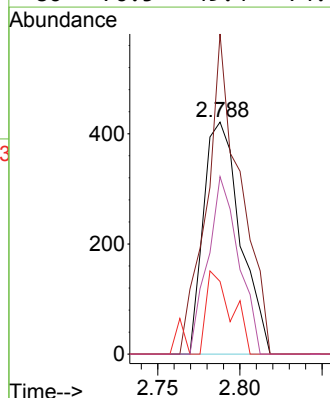
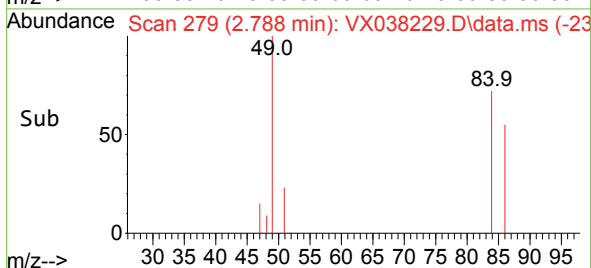
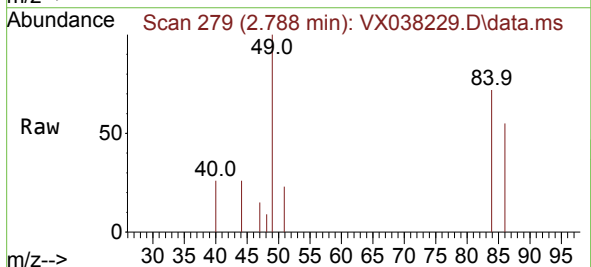


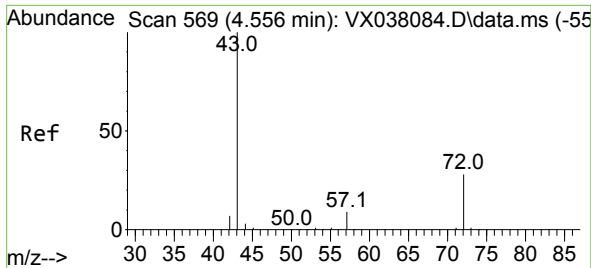
Tgt Ion: 43 Resp: 3104
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Tgt Ion: 84 Resp: 656
Ion Ratio Lower Upper
84 100
49 138.0 103.6 155.4
51 31.4 33.8 50.6#
86 76.5 49.4 74.0#

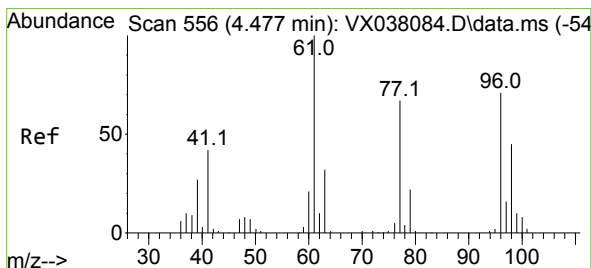
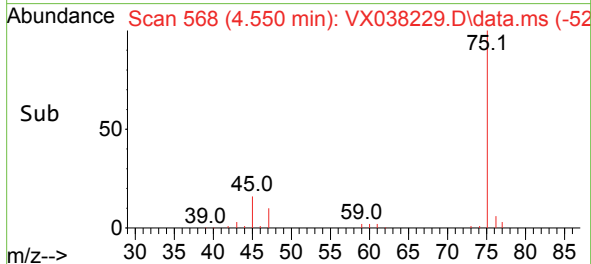
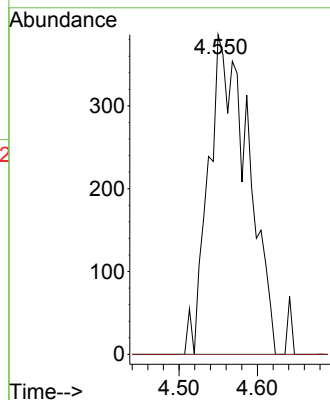
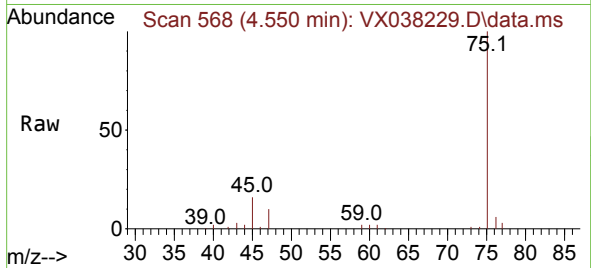




#25
2-Butanone
Concen: 1.156 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

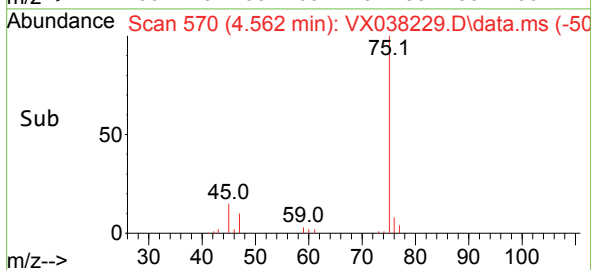
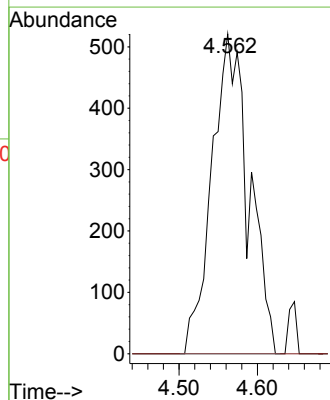
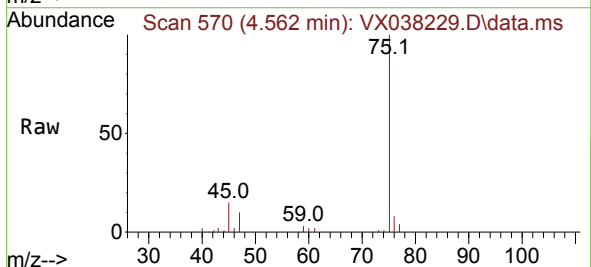
Instrument :
MSVOA_X
ClientSampleId :

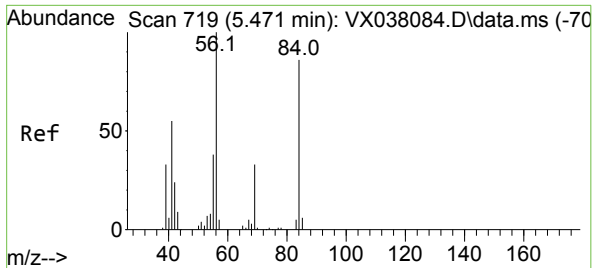
Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.968 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

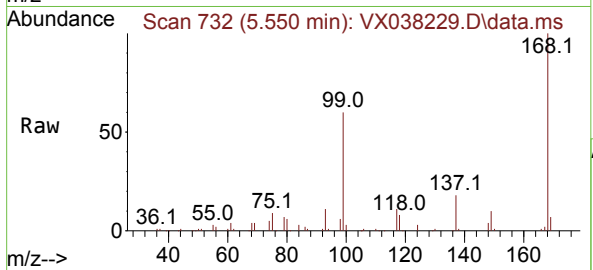
Tgt Ion: 77 Resp: 1706
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



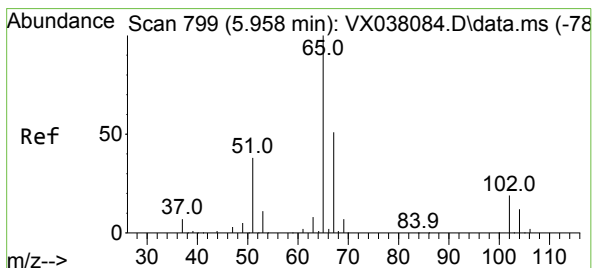
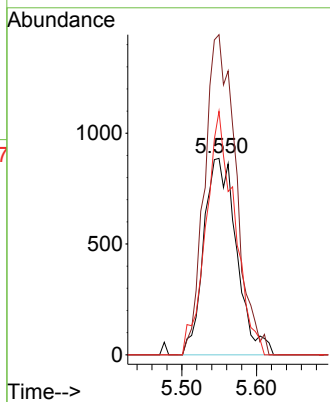
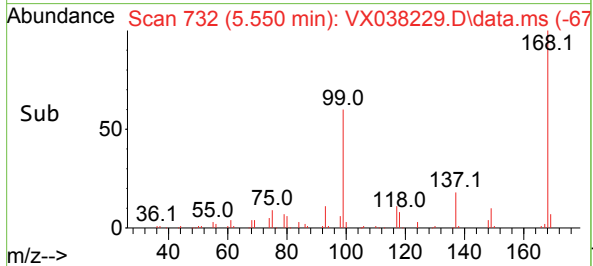


#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

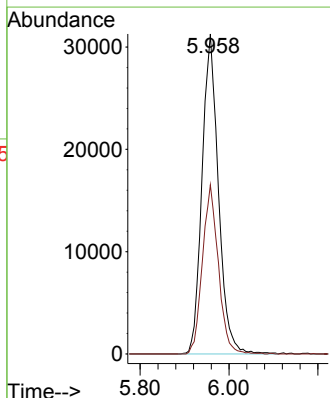
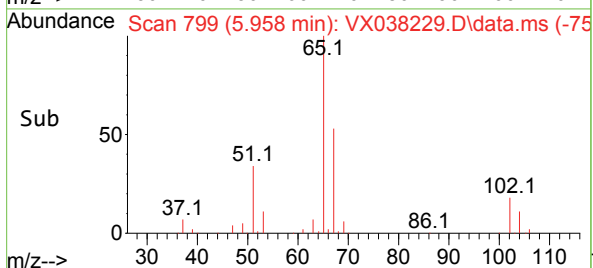
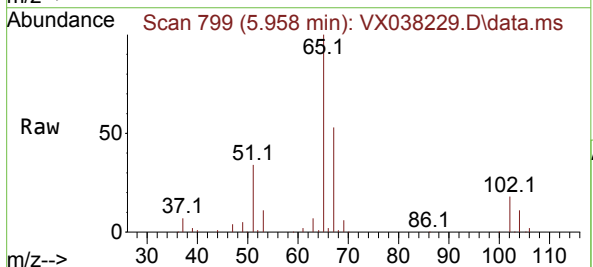


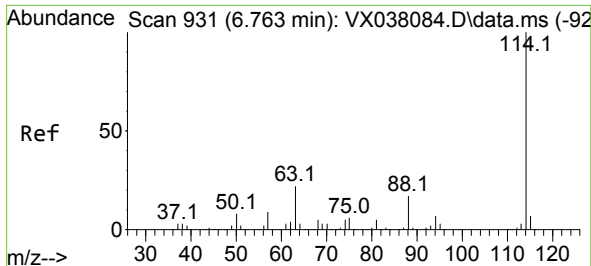
Tgt Ion: 56 Resp: 2701
Ion Ratio Lower Upper
56 100
69 162.9 23.4 35.2#
84 123.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.070 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Tgt Ion: 65 Resp: 80343
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

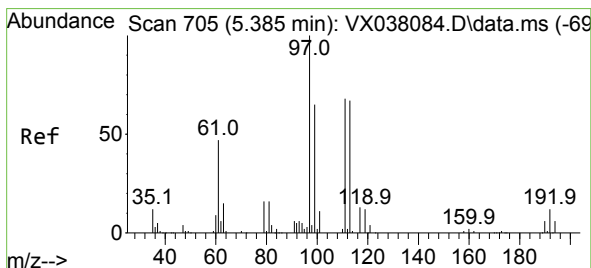
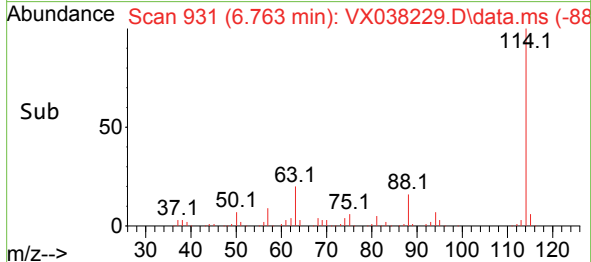
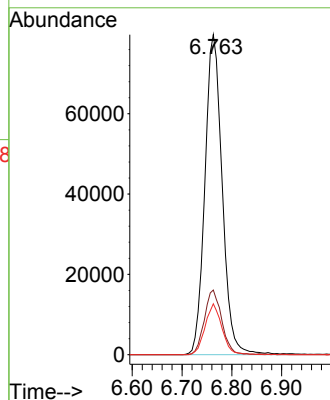
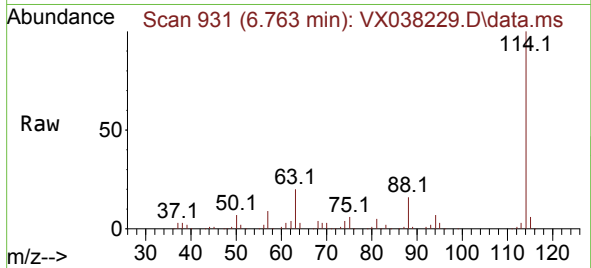




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

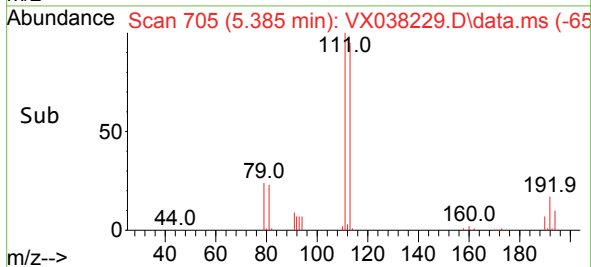
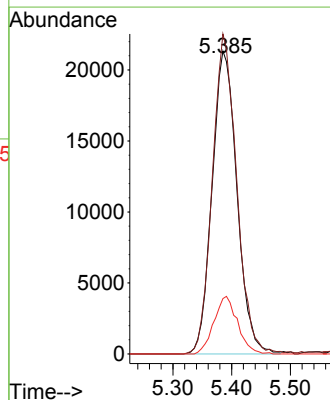
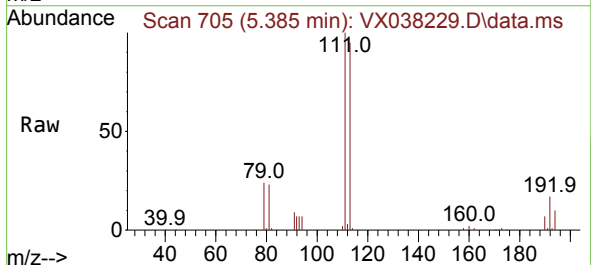
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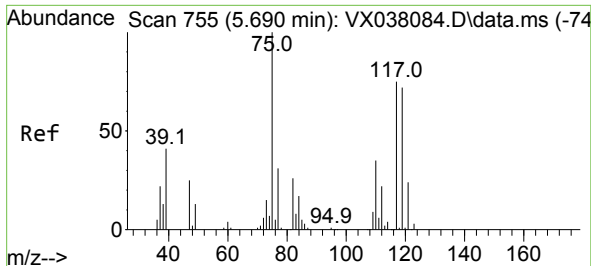
Tgt Ion:114 Resp: 192274
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.271 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

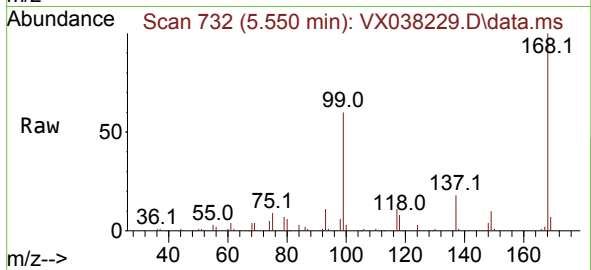
Tgt Ion:113 Resp: 62721
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.1 13.3 19.9



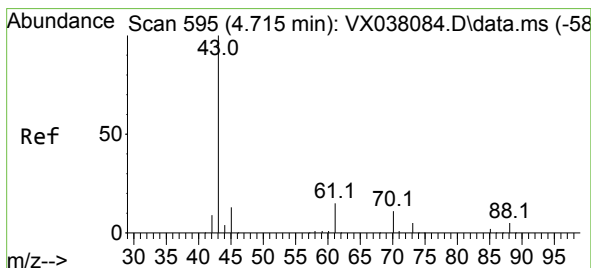
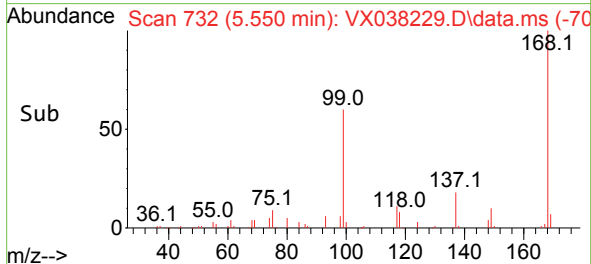
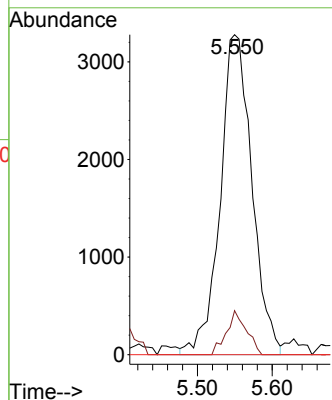


#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

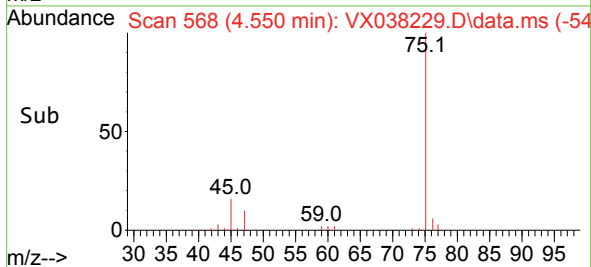
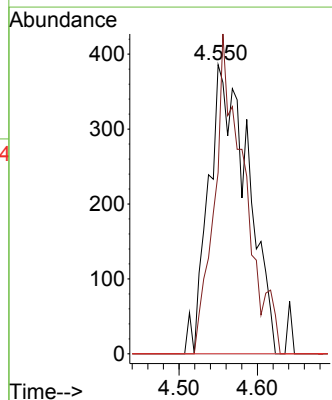
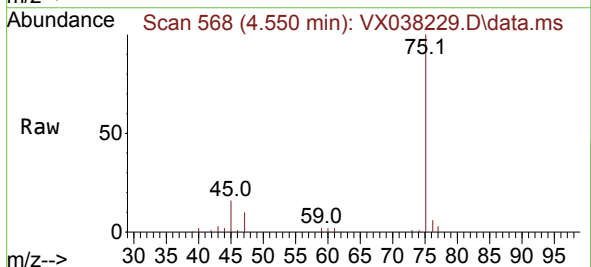


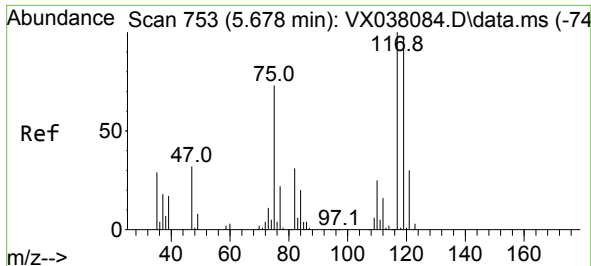
Tgt Ion: 75 Resp: 9683
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.598 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.165 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

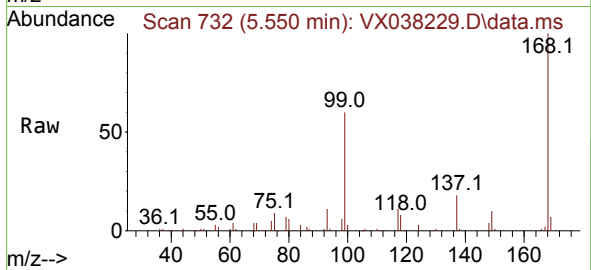
Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
61 83.4 10.6 16.0#
70 0.0 8.3 12.5#



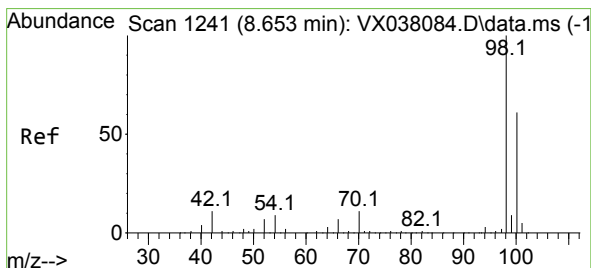
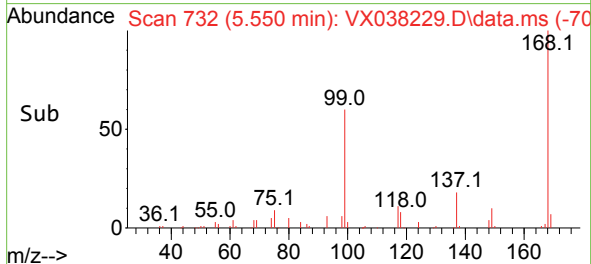
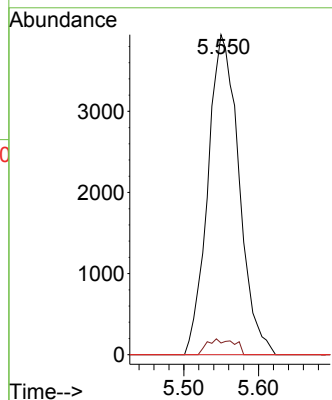


#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

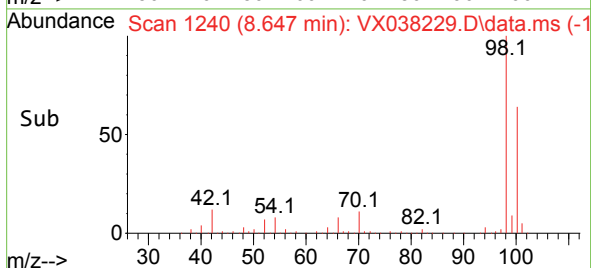
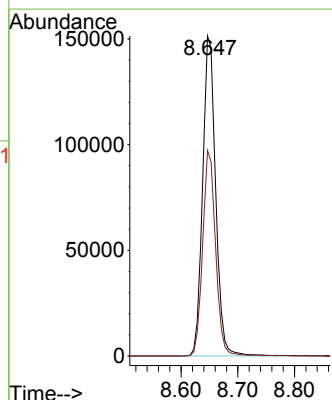
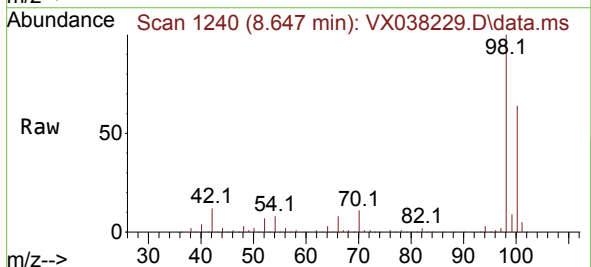


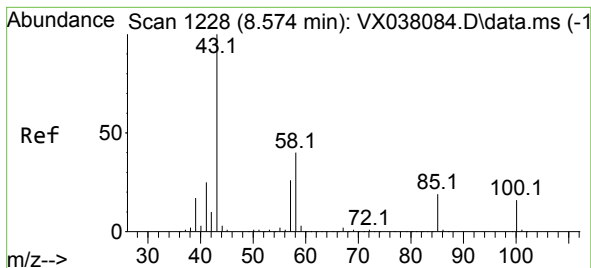
Tgt Ion:117 Resp: 11414
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.602 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Tgt Ion: 98 Resp: 241425
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.470 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX038229.D

Acq: 11 Oct 2023 15:09

Instrument :

MSVOA_X

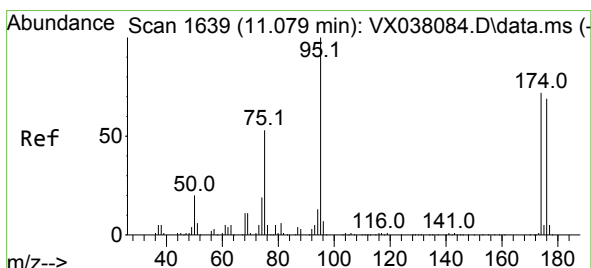
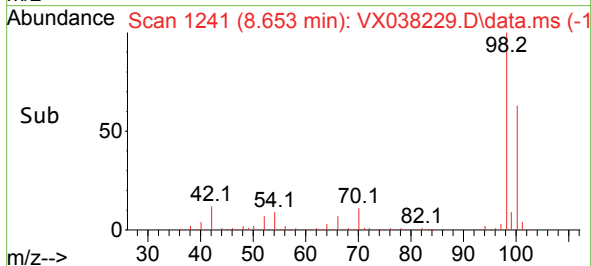
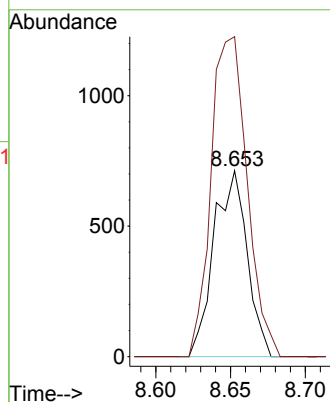
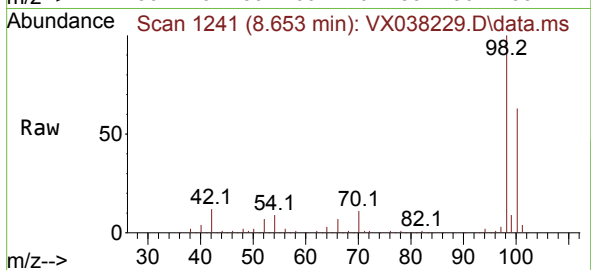
ClientSampleId :

Tgt Ion: 43 Resp: 1098

Ion Ratio Lower Upper

43 100

58 187.1 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 45.124 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038229.D

Acq: 11 Oct 2023 15:09

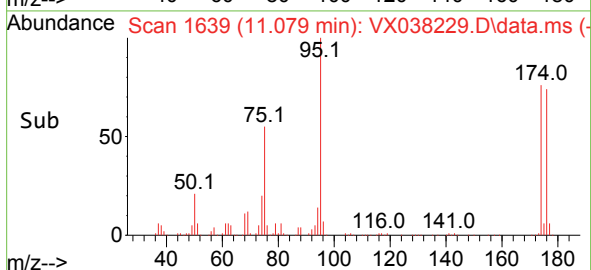
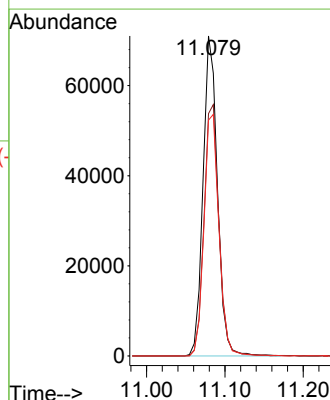
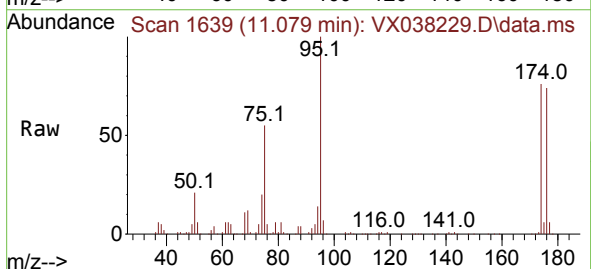
Tgt Ion: 95 Resp: 90568

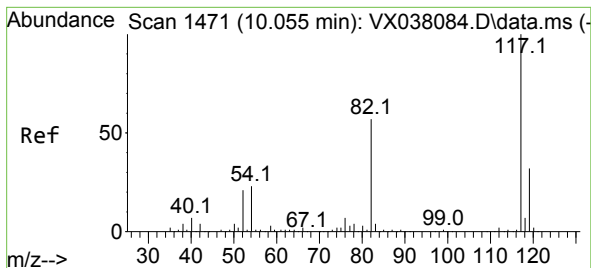
Ion Ratio Lower Upper

95 100

174 81.5 0.0 135.6

176 78.6 0.0 131.0

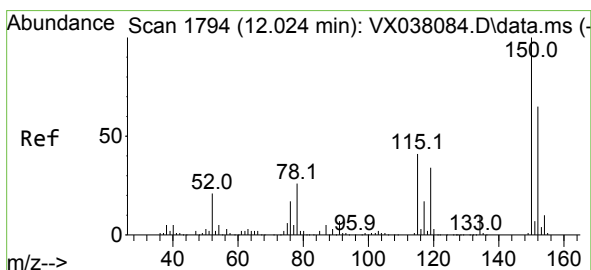
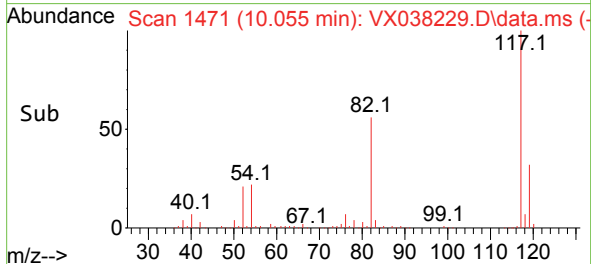
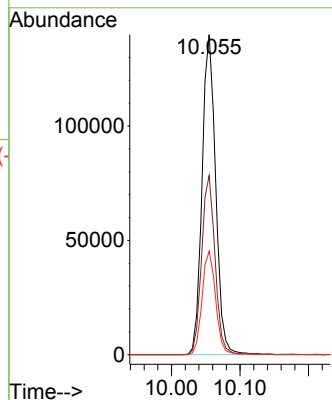
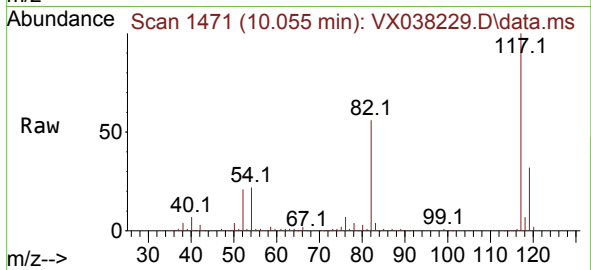




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

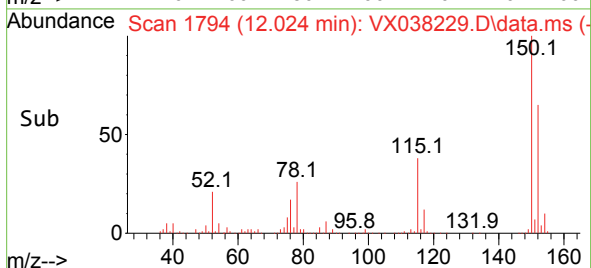
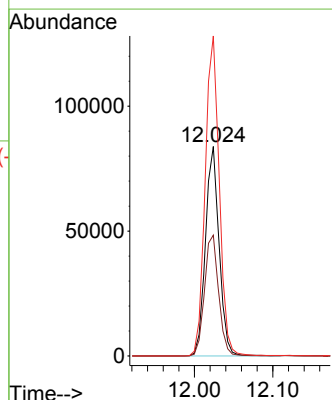
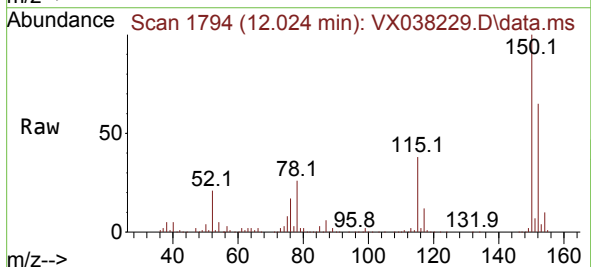
Instrument :
MSVOA_X
ClientSampleId :

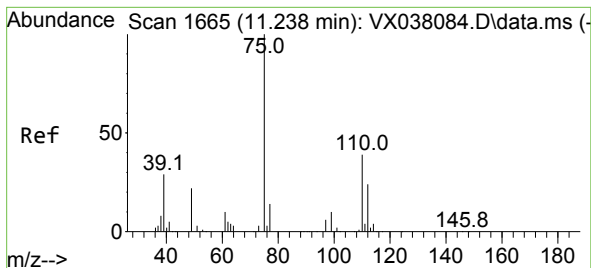
Tgt Ion:117 Resp: 193712
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038229.D
Acq: 11 Oct 2023 15:09

Tgt Ion:152 Resp: 101501
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.831 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038229.D

Acq: 11 Oct 2023 15:09

Instrument :

MSVOA_X

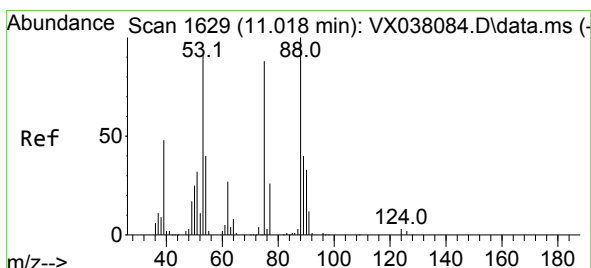
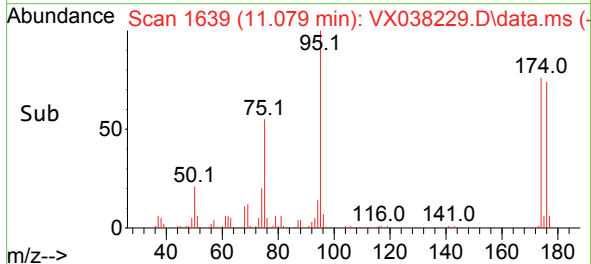
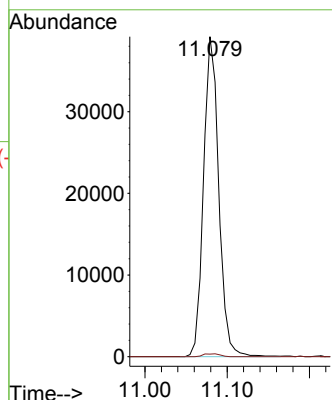
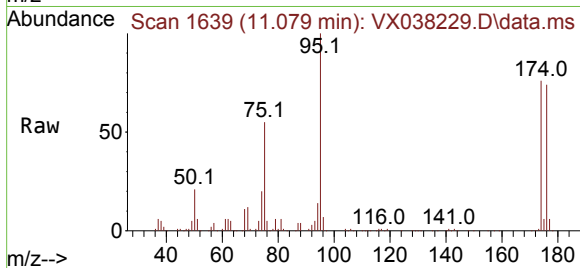
ClientSampleId :

Tgt Ion: 75 Resp: 50375

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.636 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038229.D

Acq: 11 Oct 2023 15:09

Tgt Ion: 75 Resp: 50375

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

