

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036800.D
 Acq On : 04 Aug 2023 11:03
 Operator : JC/MD
 Sample : VX0804WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBL01

Quant Time: Aug 04 23:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

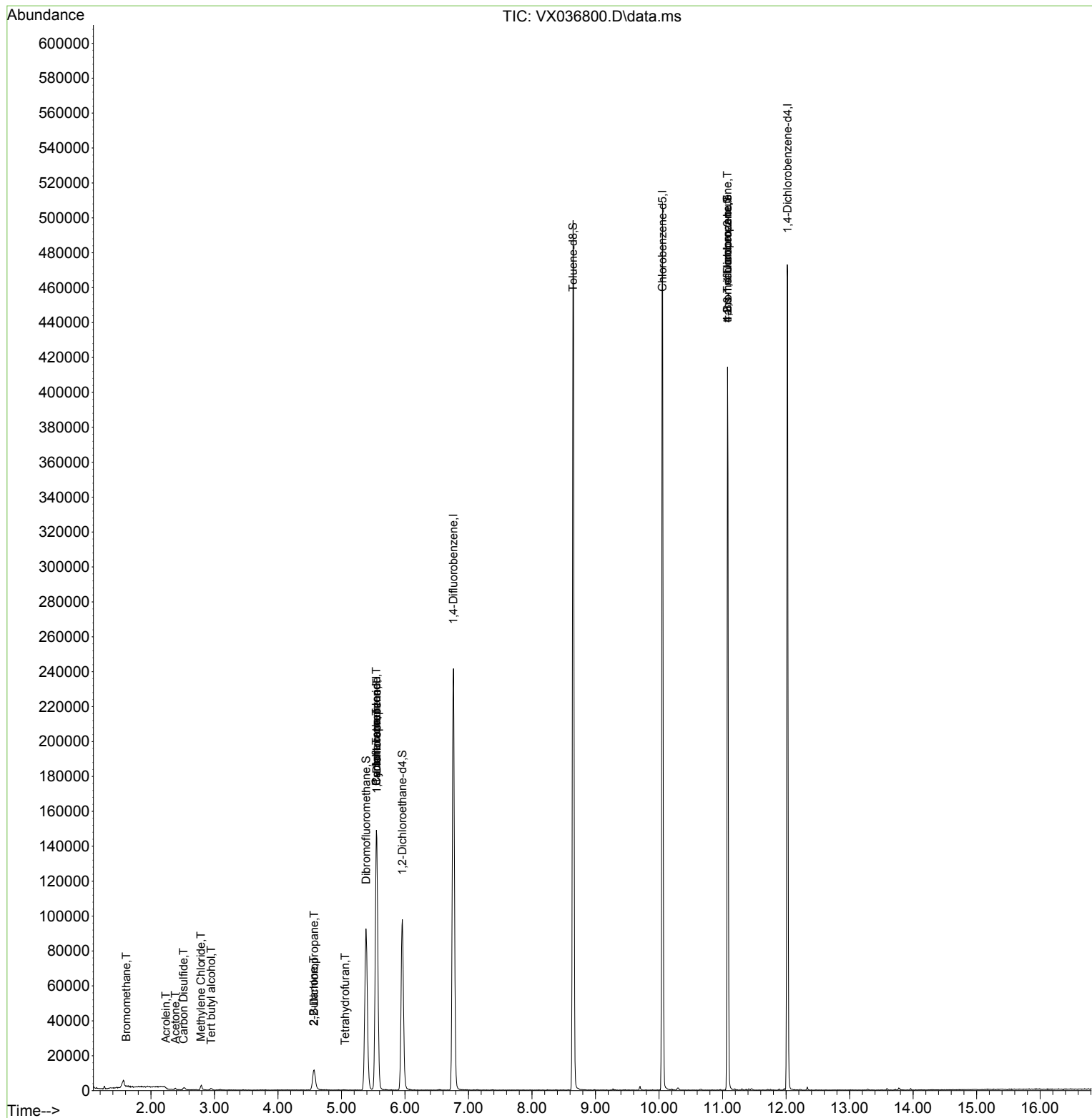
Internal Standards						
1) Pentafluorobenzene	5.550	168	137537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95077	46.719	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.440%		
35) Dibromofluoromethane	5.385	113	80457	47.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	8.647	98	295063	48.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	110041	48.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.720%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	206	0.205	ug/l #	57
11) Tert butyl alcohol	2.947	59	576	1.196	ug/l #	78
13) Acrolein	2.233	56	203	0.738	ug/l #	63
16) Acetone	2.386	43	810	0.959	ug/l #	81
17) Carbon Disulfide	2.514	76	1319	0.310	ug/l #	93
20) Methylene Chloride	2.788	84	1443	0.768	ug/l #	72
25) 2-Butanone	4.562	43	1026	0.749	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	968	0.318	ug/l #	54
29) Tetrahydrofuran	5.056	42	186	0.211	ug/l #	34
31) Cyclohexane	5.550	56	3061	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11496	4.535	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14594	5.415	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	58105	25.121	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58105	56.939	ug/l #	5

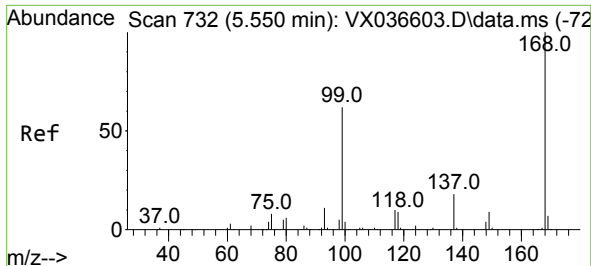
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 04 23:05:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

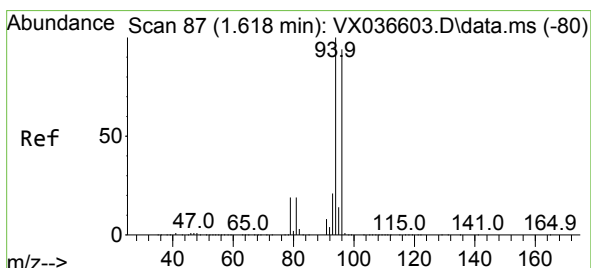
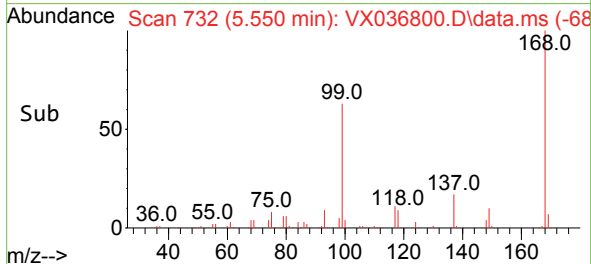
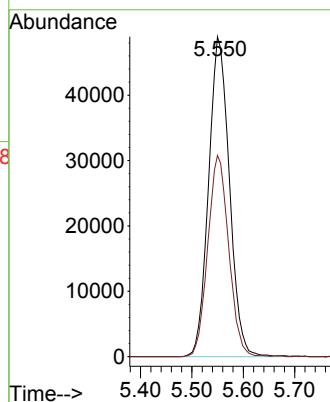
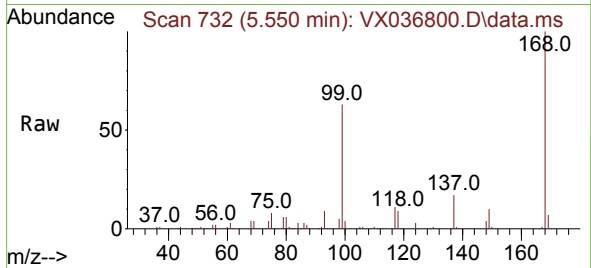




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

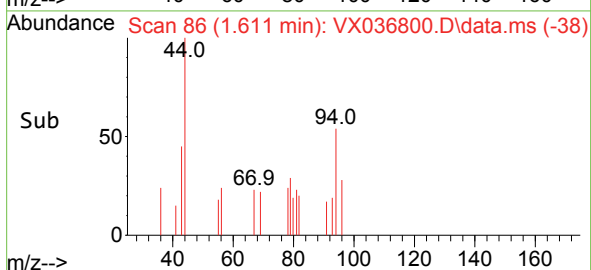
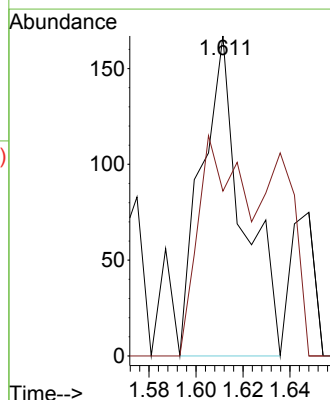
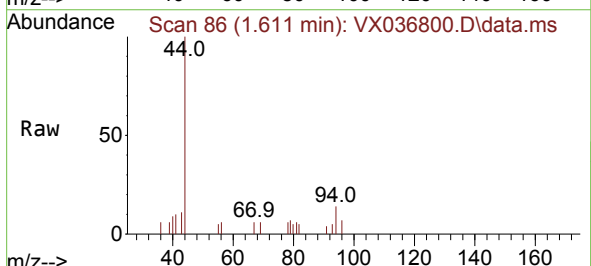
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

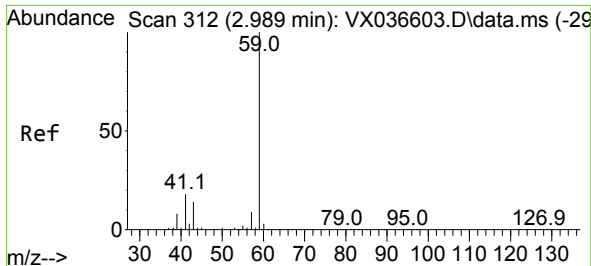
Tgt Ion:168 Resp: 137537
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 51.5 74.6 111.8#

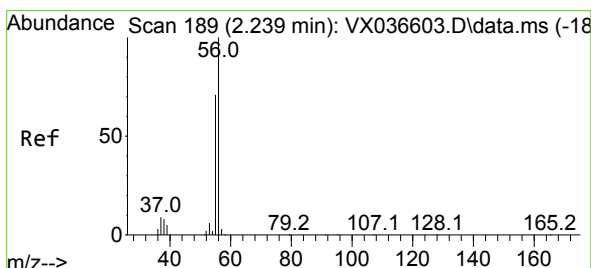
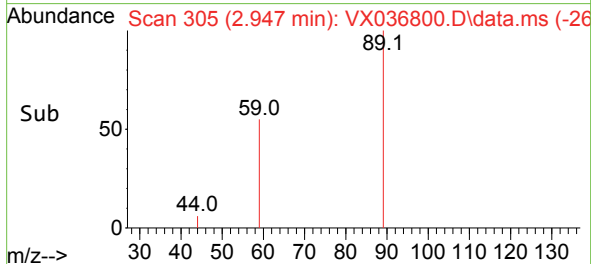
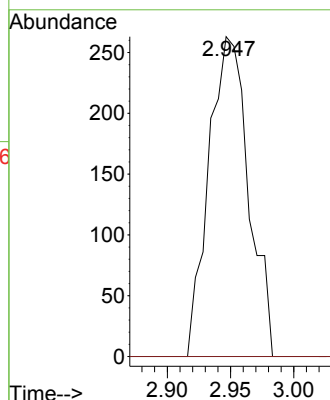
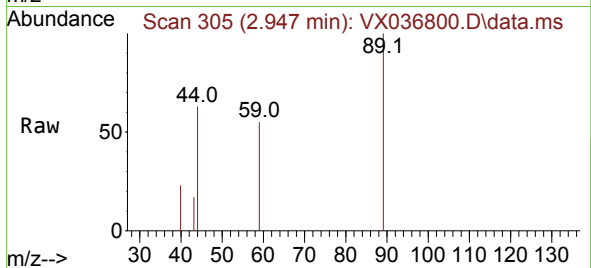




#11
Tert butyl alcohol
Concen: 1.196 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

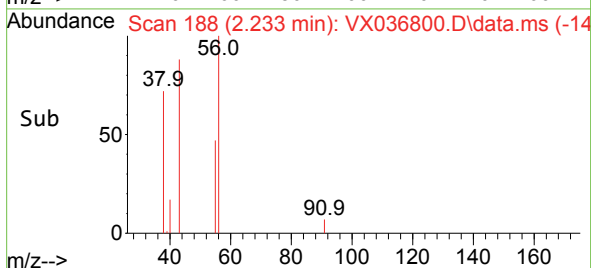
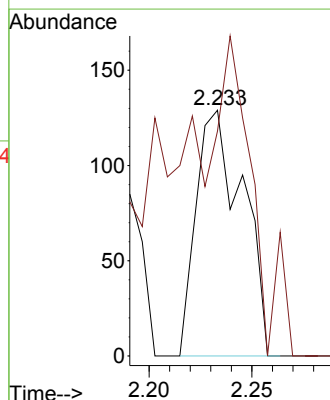
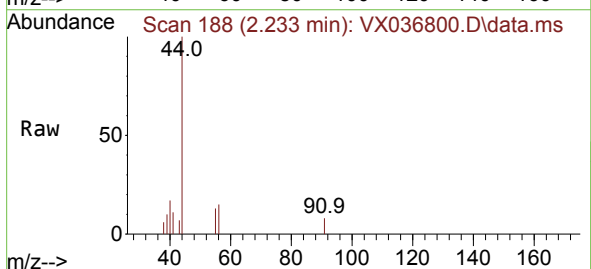
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

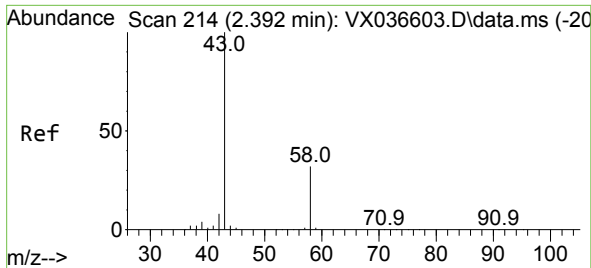
Tgt Ion: 59 Resp: 576
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.738 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 102.0 57.1 85.7#

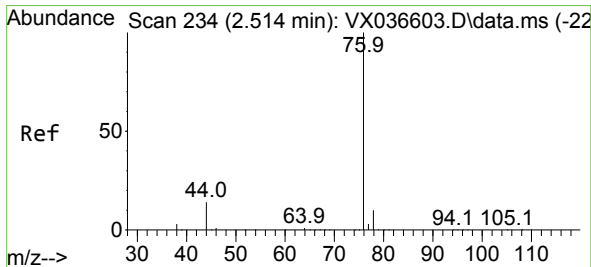
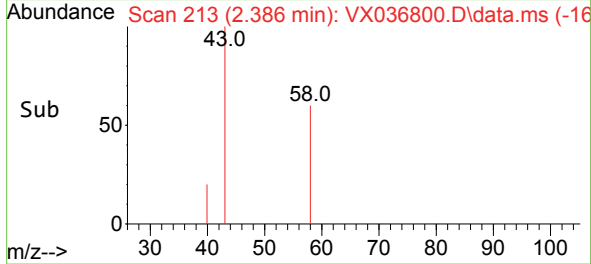
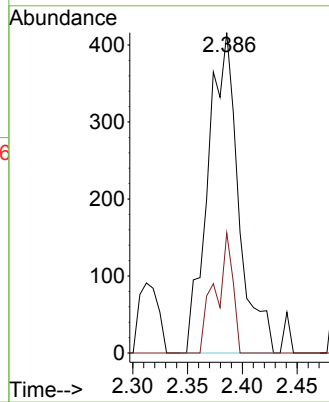
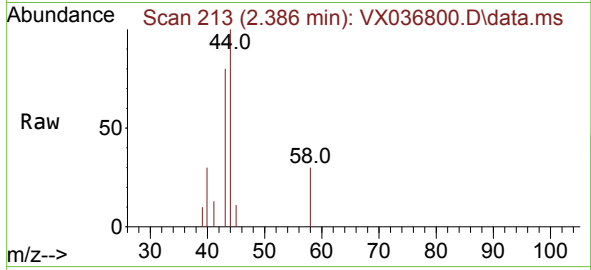




#16
Acetone
Concen: 0.959 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

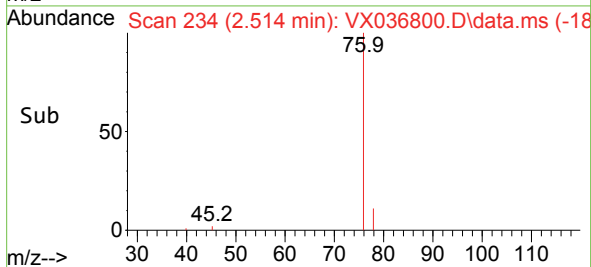
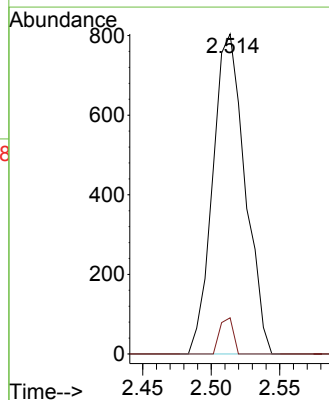
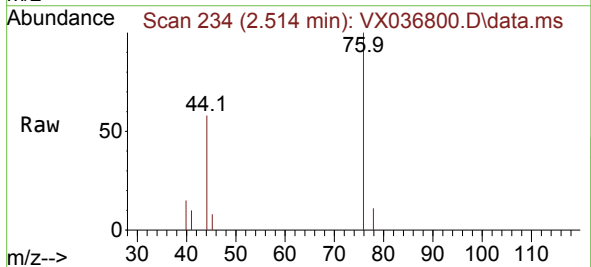
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

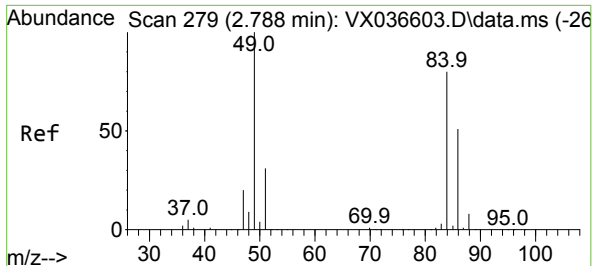
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 37.5 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 76 Resp: 1319
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#





#20

Methylene Chloride

Concen: 0.768 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036800.D

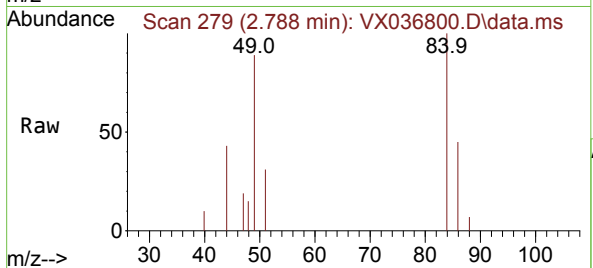
Acq: 04 Aug 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBL01



Tgt Ion: 84 Resp: 1443

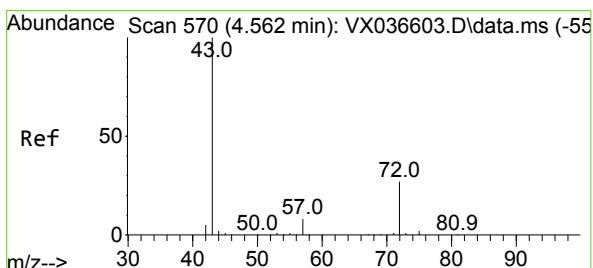
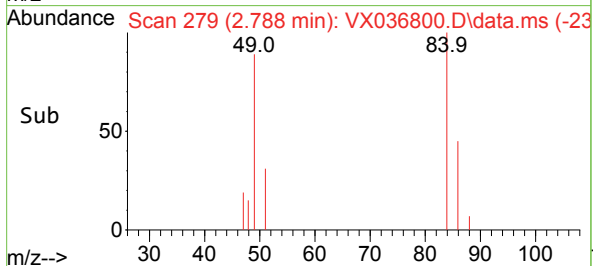
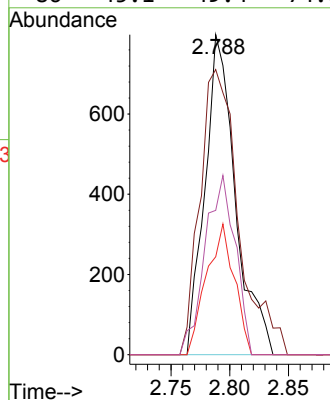
Ion Ratio Lower Upper

84 100

49 89.1 103.6 155.4#

51 30.6 33.8 50.6#

86 45.1 49.4 74.0#



#25

2-Butanone

Concen: 0.749 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036800.D

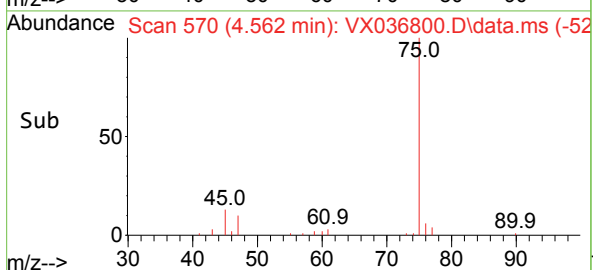
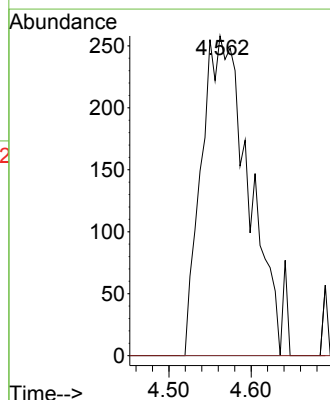
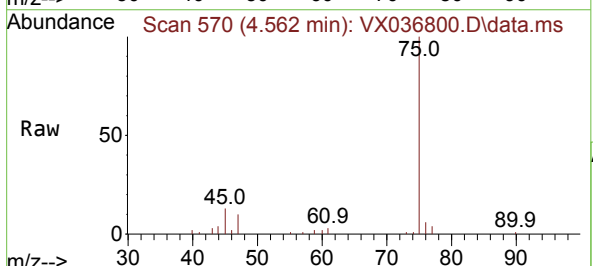
Acq: 04 Aug 2023 11:03

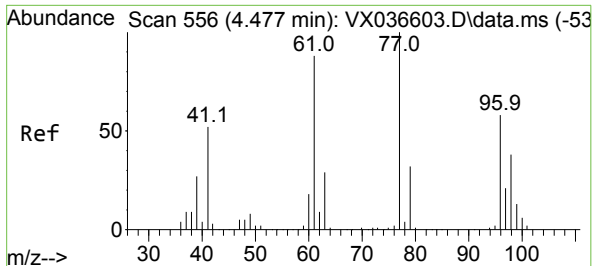
Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.318 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX036800.D

Acq: 04 Aug 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

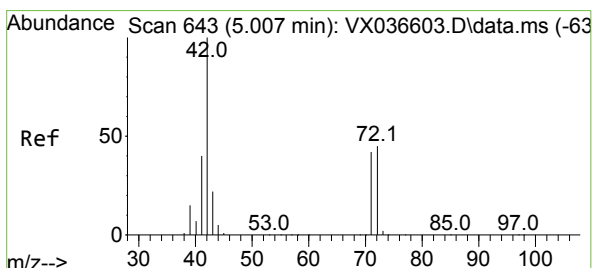
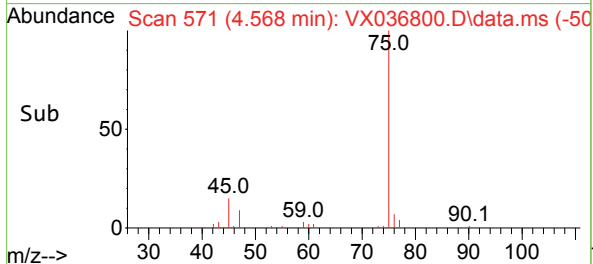
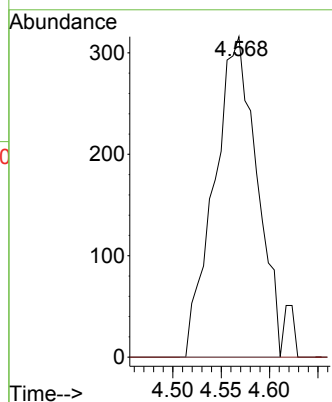
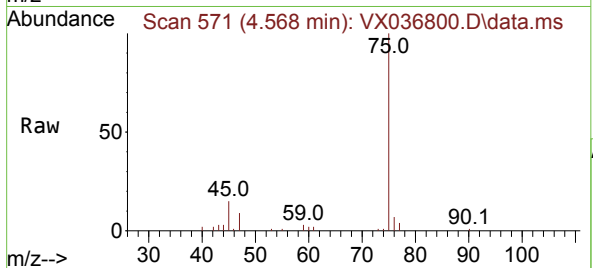
VX0804WBL01

Tgt Ion: 77 Resp: 968

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 0.211 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.049 min

Lab File: VX036800.D

Acq: 04 Aug 2023 11:03

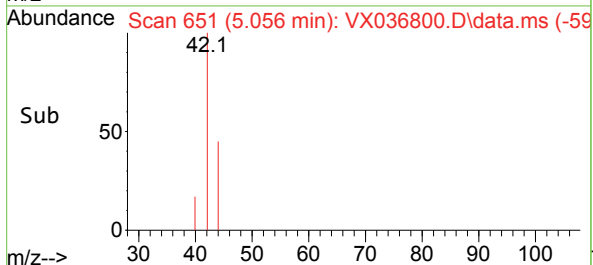
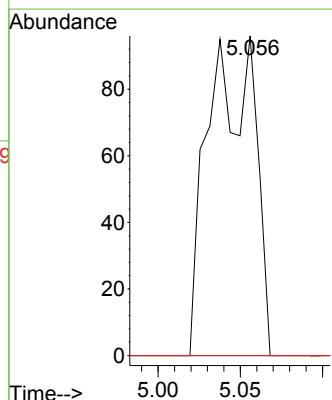
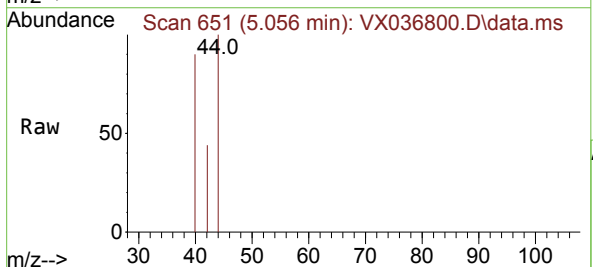
Tgt Ion: 42 Resp: 186

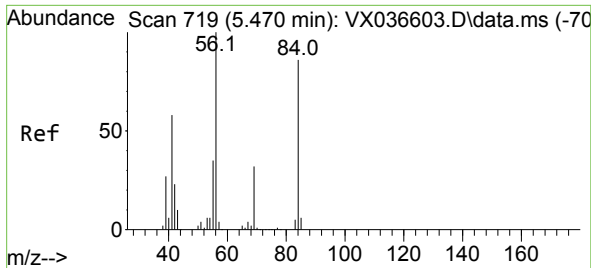
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#

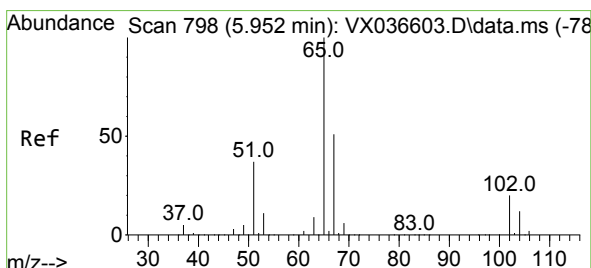
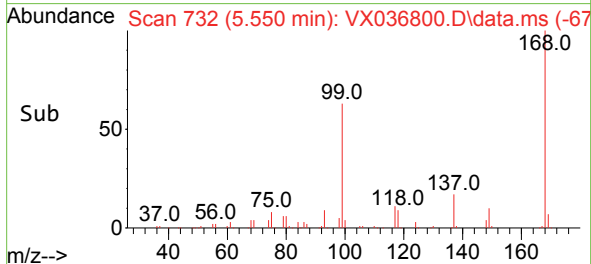
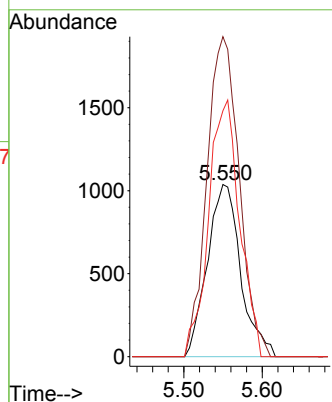
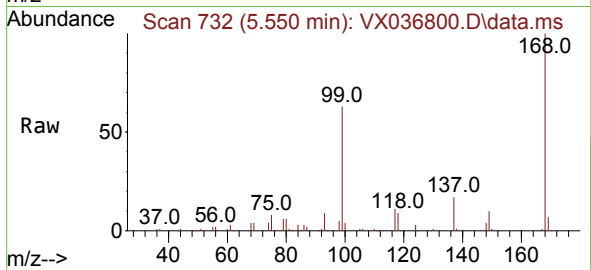




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

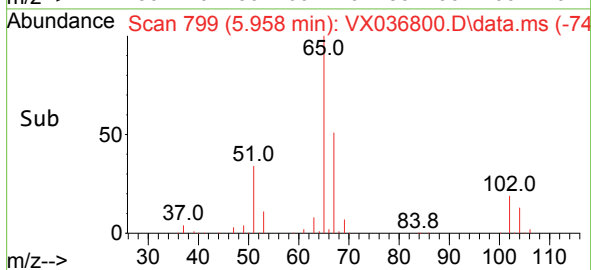
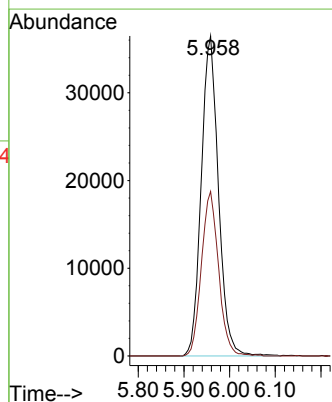
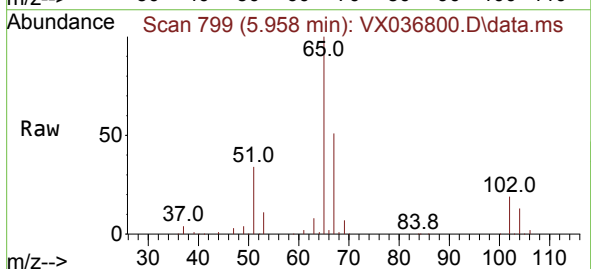
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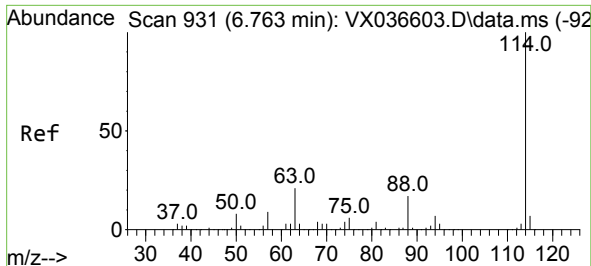
Tgt Ion: 56 Resp: 3061
Ion Ratio Lower Upper
56 100
69 185.9 23.4 35.2#
84 142.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.719 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 65 Resp: 95077
Ion Ratio Lower Upper
65 100
67 51.3 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: VX036800.D

Acq: 04 Aug 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0804WBL01

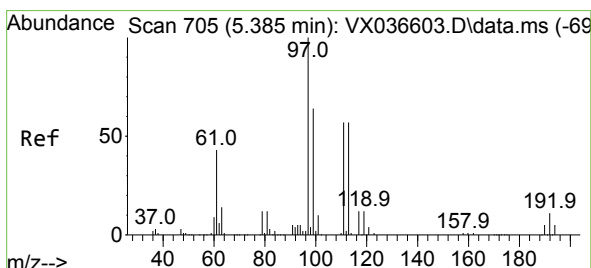
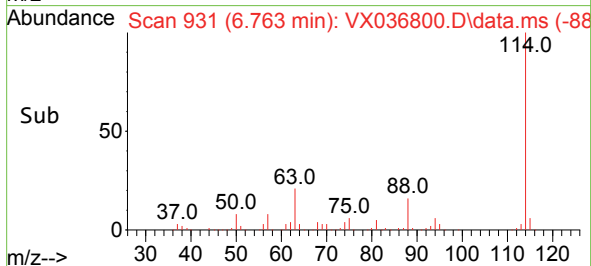
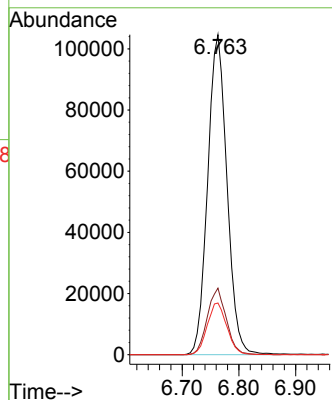
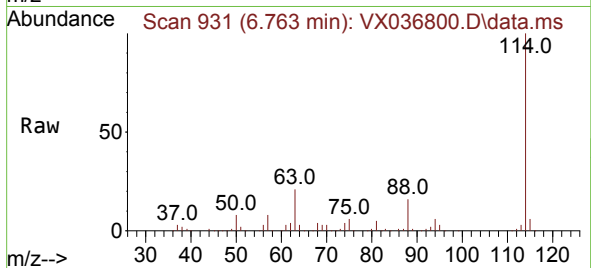
Tgt Ion:114 Resp: 247424

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.2 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.309 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036800.D

Acq: 04 Aug 2023 11:03

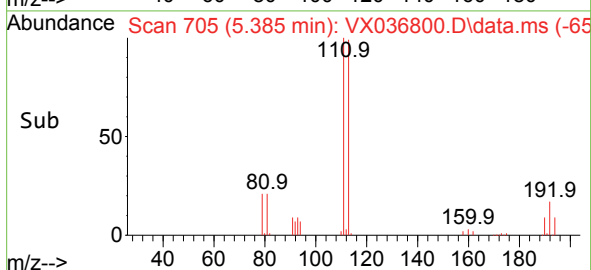
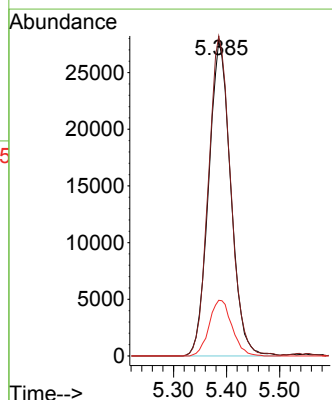
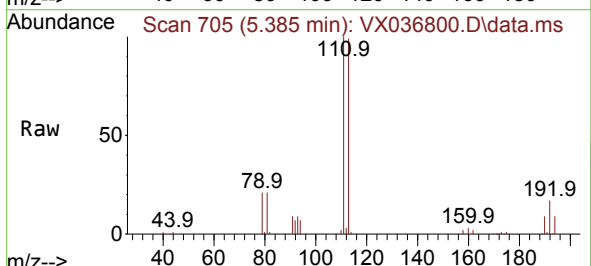
Tgt Ion:113 Resp: 80457

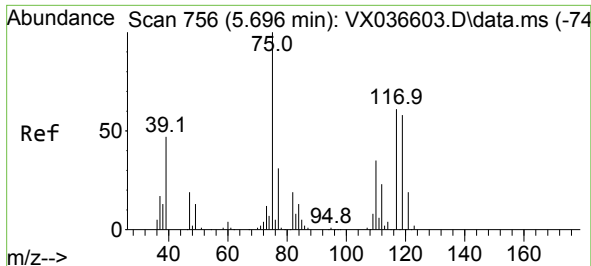
Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.2 13.3 19.9

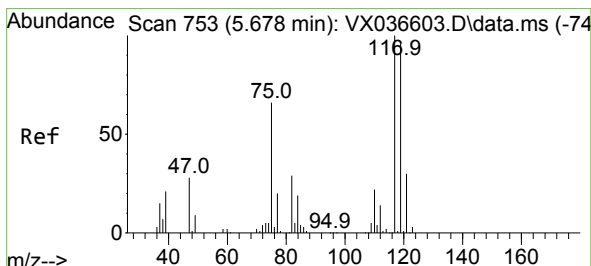
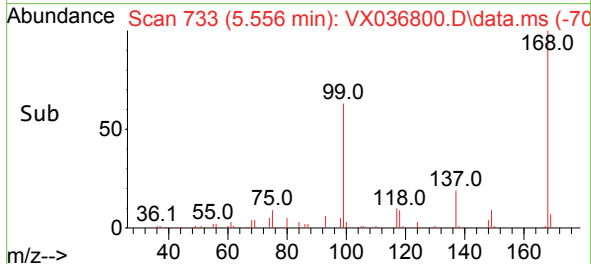
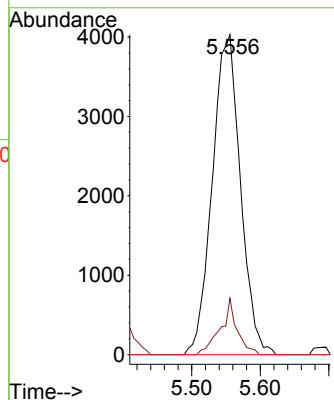
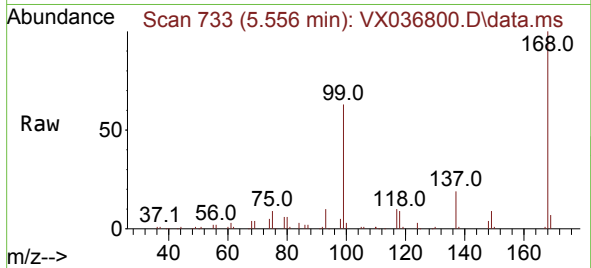




#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

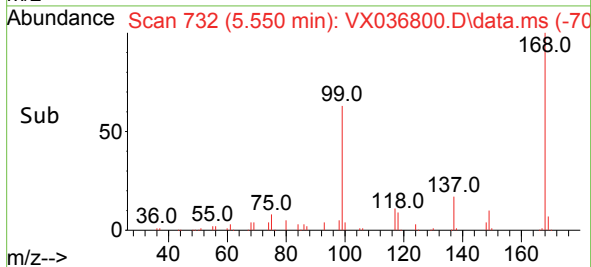
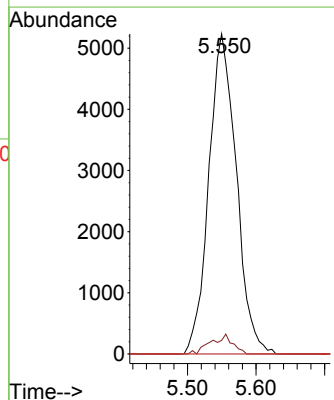
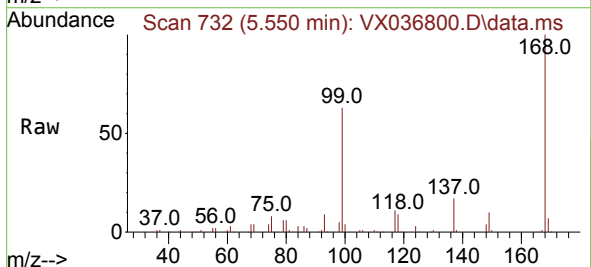
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

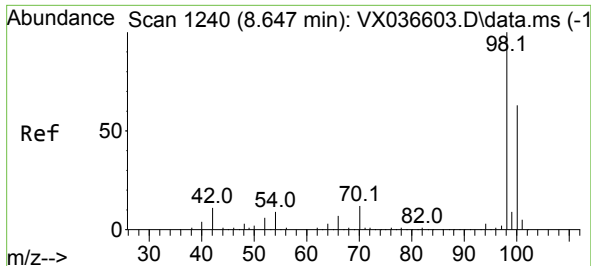
Tgt Ion: 75 Resp: 11496
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 117 Resp: 14594
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

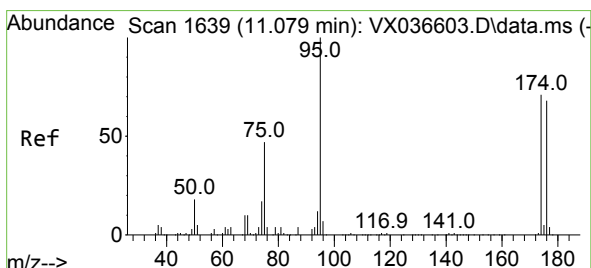
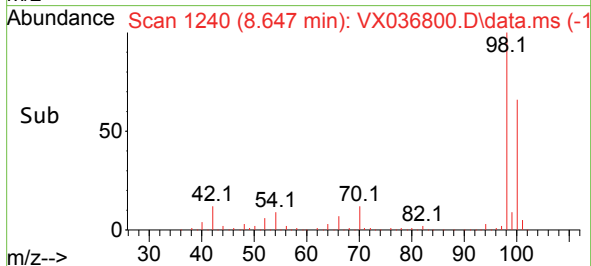
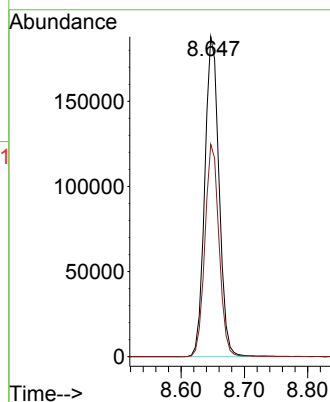
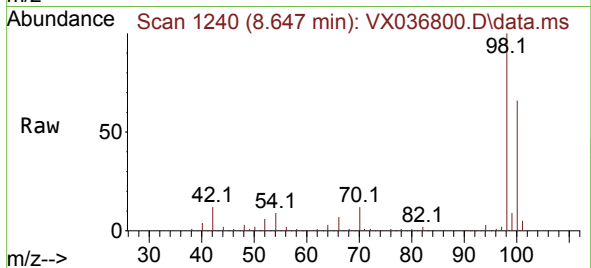




#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

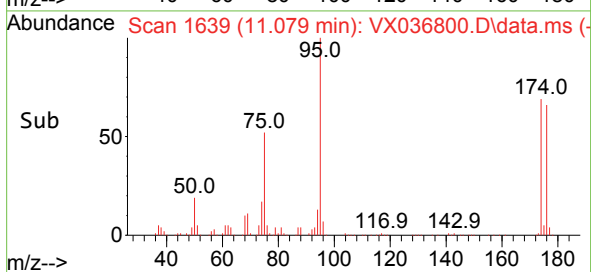
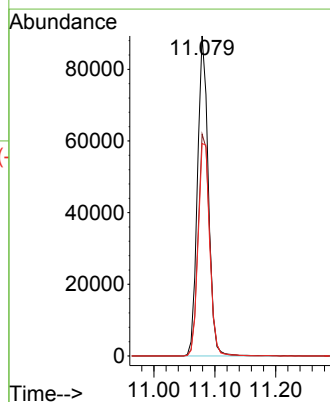
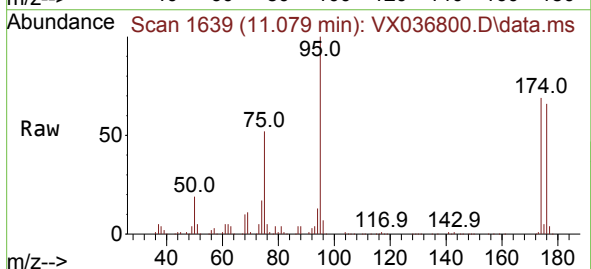
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

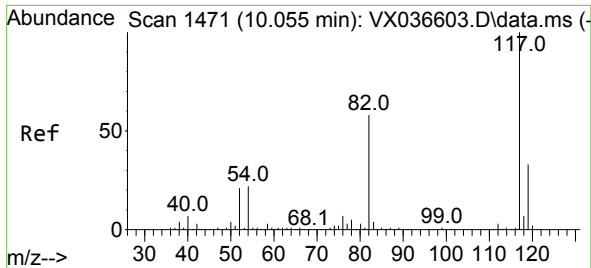
Tgt Ion: 98 Resp: 295063
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 95 Resp: 110041
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.9 0.0 131.0

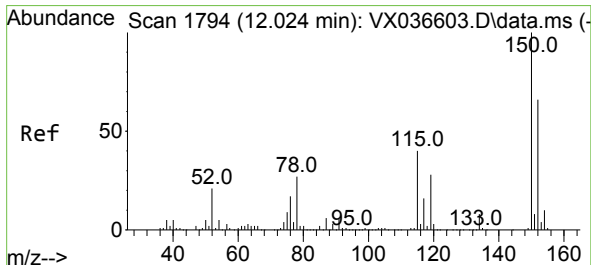
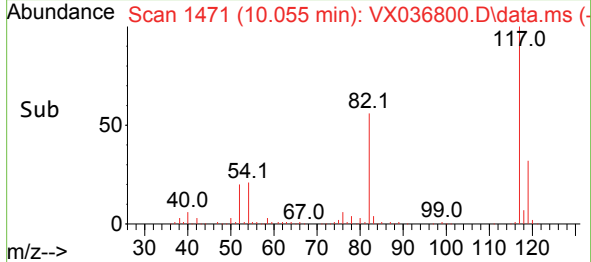
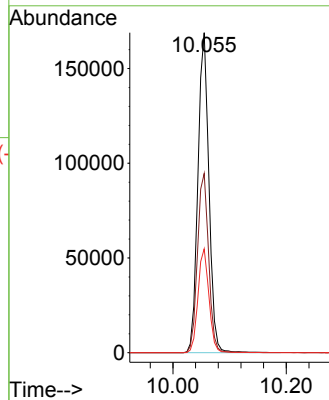
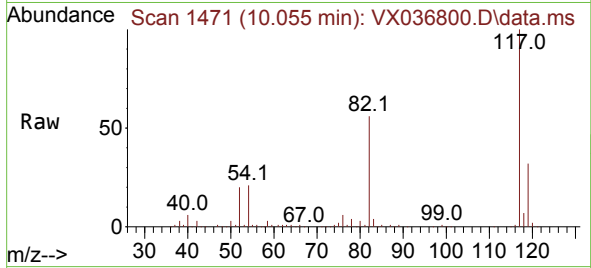




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

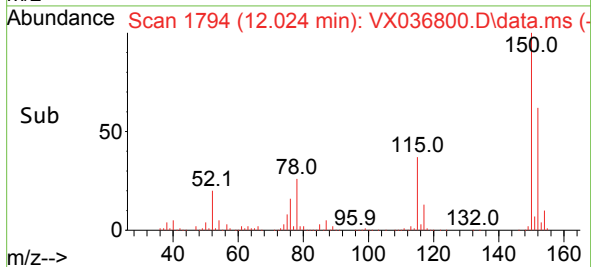
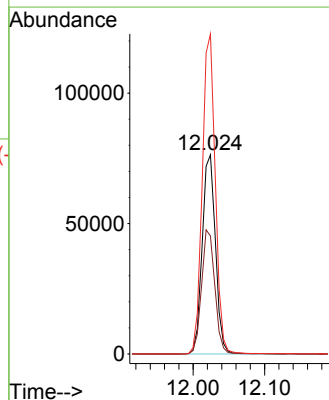
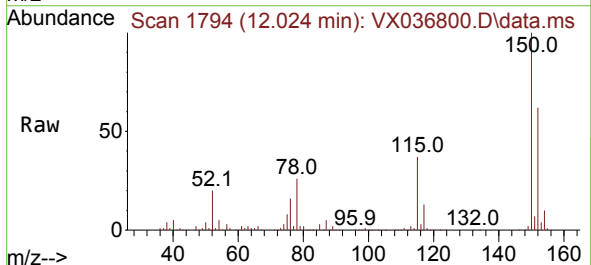
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

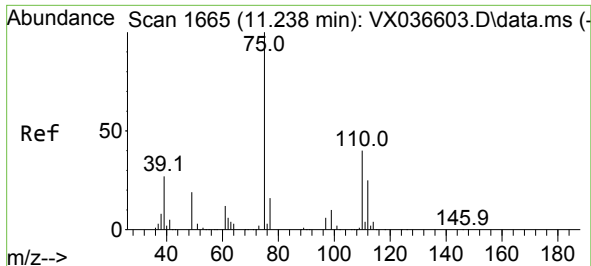
Tgt Ion:117 Resp: 226750
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion:152 Resp: 98336
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.8 0.0 345.0

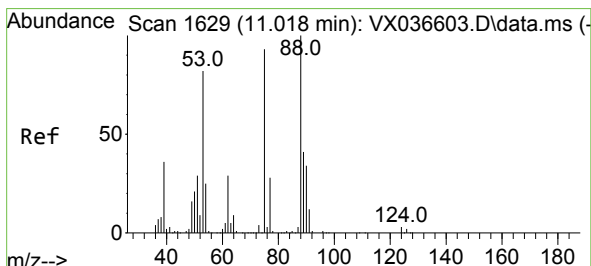
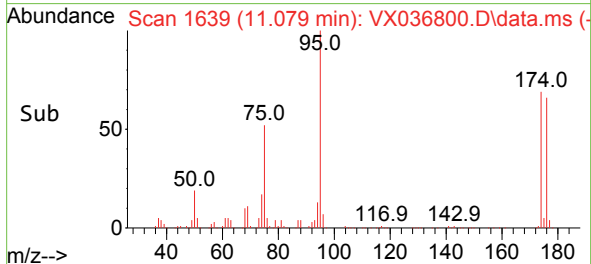
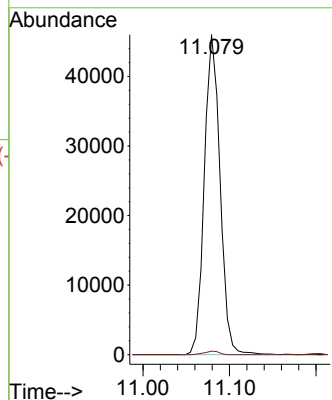
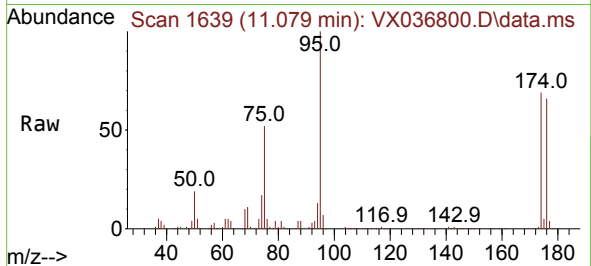




#76
1,2,3-Trichloropropane
Concen: 25.121 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Tgt Ion: 75 Resp: 58105
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036800.D
Acq: 04 Aug 2023 11:03

Tgt Ion: 75 Resp: 58105
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

