

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038340.D
 Acq On : 17 Oct 2023 19:23
 Operator : JC/MD
 Sample : 04917-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 04:04:51 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)

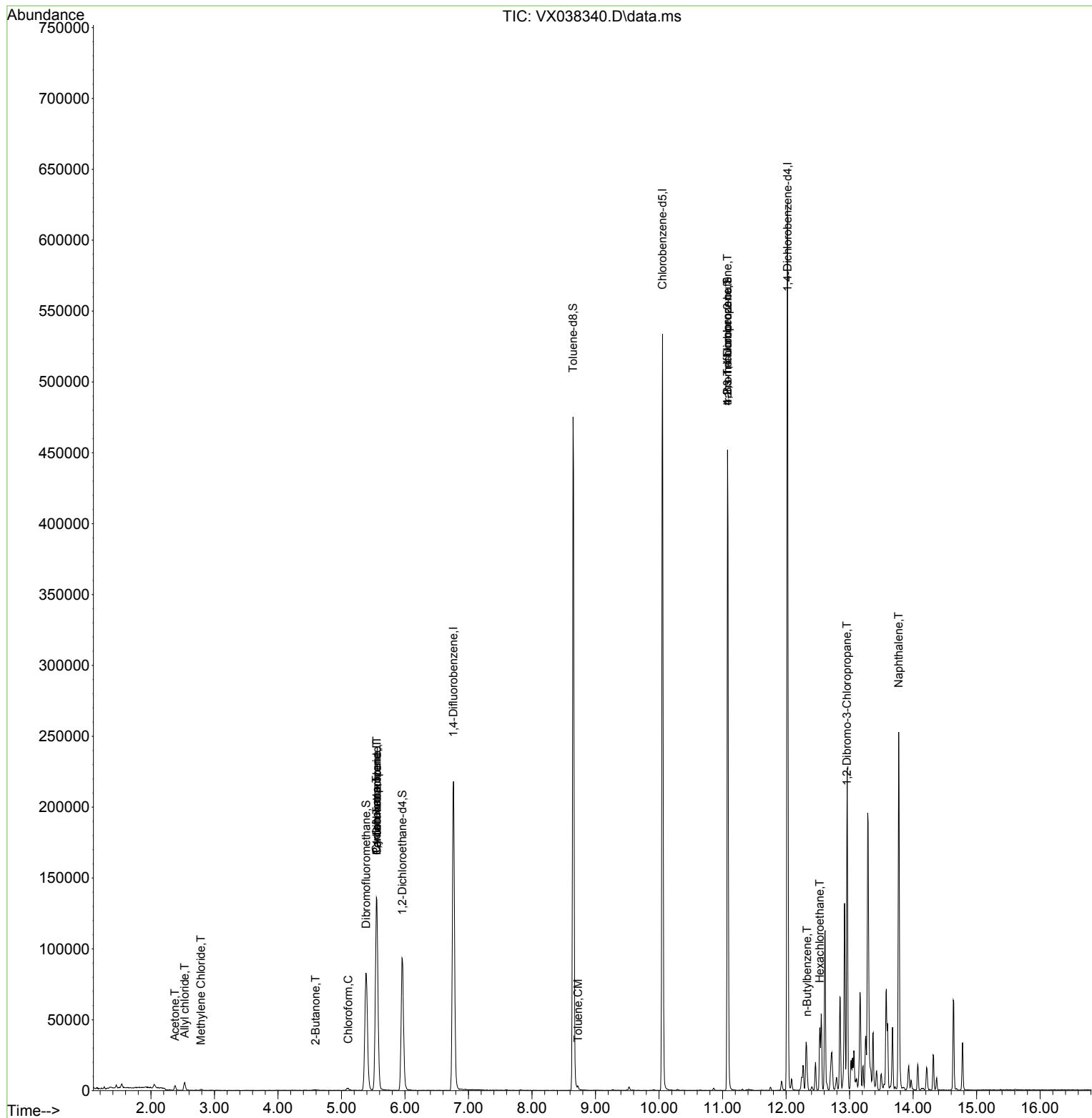
Internal Standards						
1) Pentafluorobenzene	5.556	168	125802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90167	44.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.120%		
35) Dibromofluoromethane	5.385	113	71790	44.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.720%		
50) Toluene-d8	8.647	98	281623	46.054	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.100%		
62) 4-Bromofluorobenzene	11.079	95	111864	48.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.500%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	50	Below Cal	#	3
6) Chloroethane	1.678	64	177	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	20	Below Cal	#	78
14) Allyl chloride	2.532	41	668	0.324	ug/l #	53
16) Acetone	2.379	43	3656	4.329	ug/l	92
20) Methylene Chloride	2.788	84	471	0.297	ug/l #	58
25) 2-Butanone	4.592	43	390	0.286	ug/l #	90
30) Chloroform	5.104	83	2016	0.704	ug/l	87
31) Cyclohexane	5.550	56	2815	1.284	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	10541	4.777	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13899	6.403	ug/l #	16
52) Toluene	8.726	92	811	0.202	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	60557	20.755	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60557	59.749	ug/l #	5
89) n-Butylbenzene	12.329	91	6251	0.809	ug/l #	42
90) Hexachloroethane	12.530	117	2088	1.624	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	810	1.061	ug/l #	9
95) Naphthalene	13.774	128	154812	16.337	ug/l	100

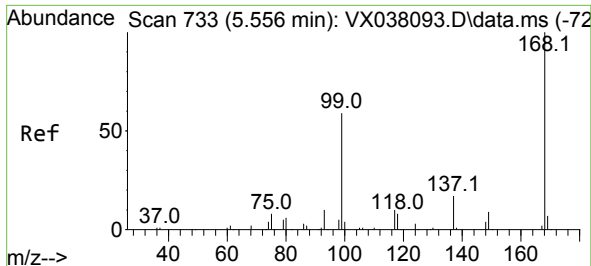
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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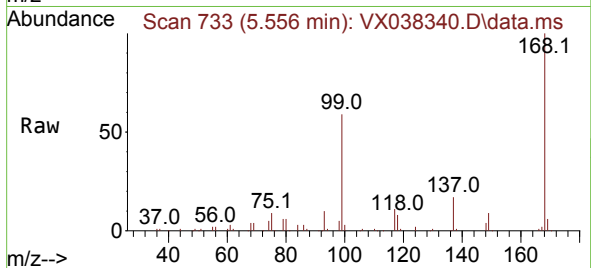
Quant Time: Oct 18 04:04:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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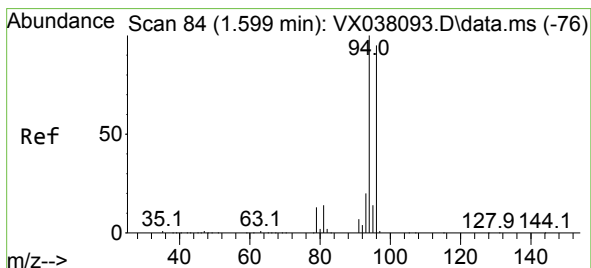
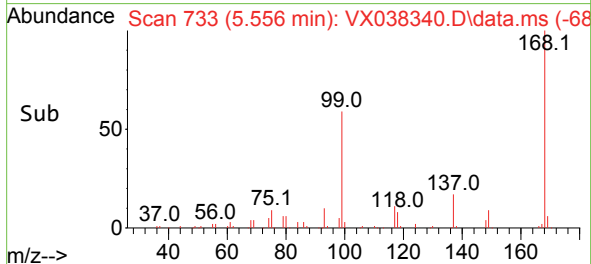
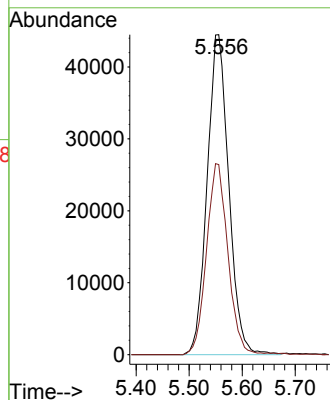


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

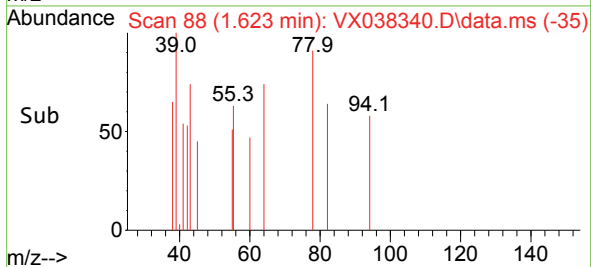
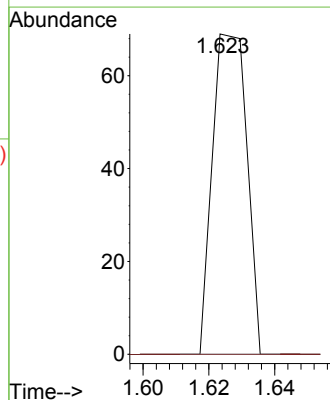
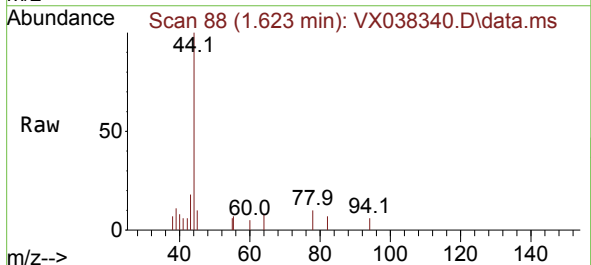


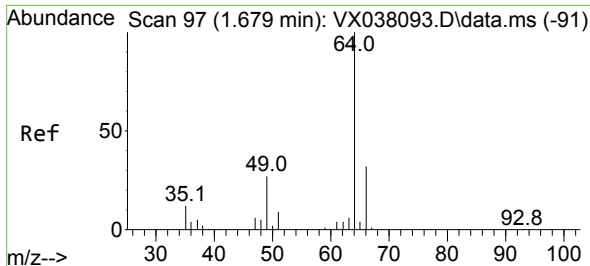
Tgt Ion:168 Resp: 125802
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

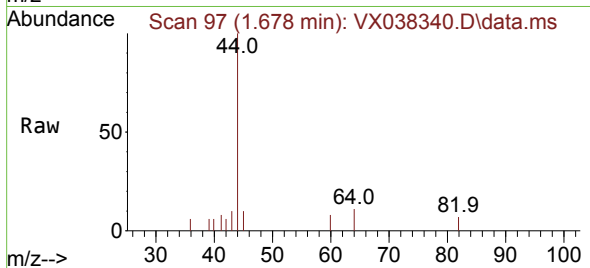
Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



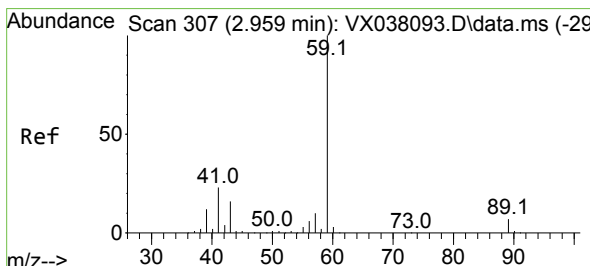
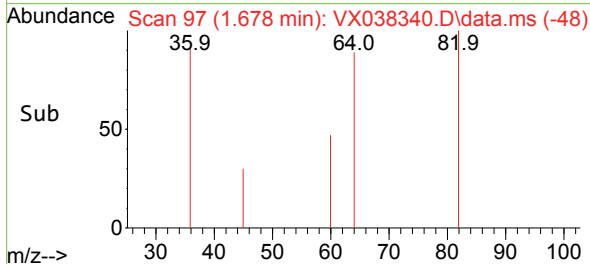
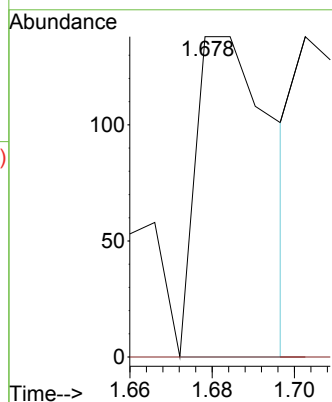


#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

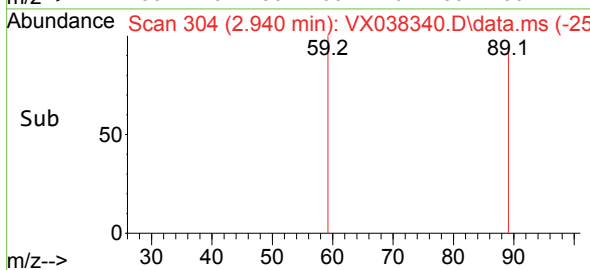
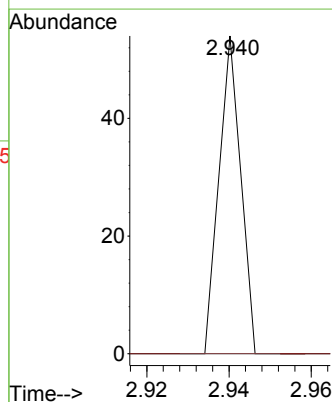
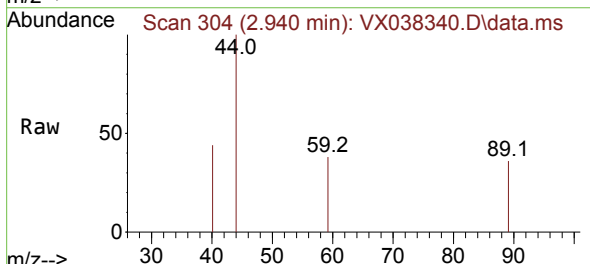


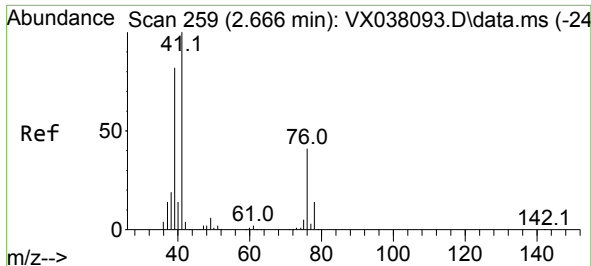
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.324 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.128 min

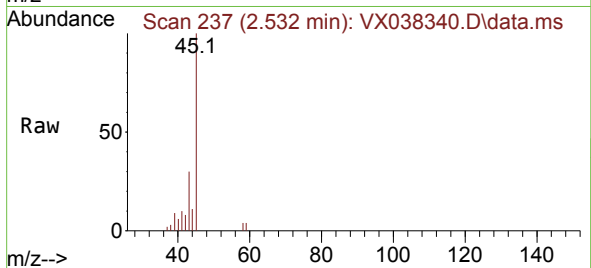
Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :



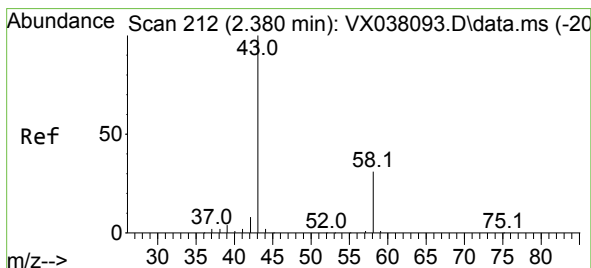
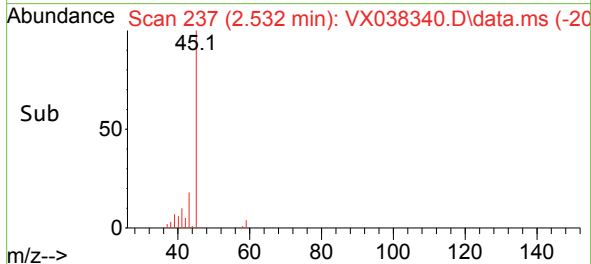
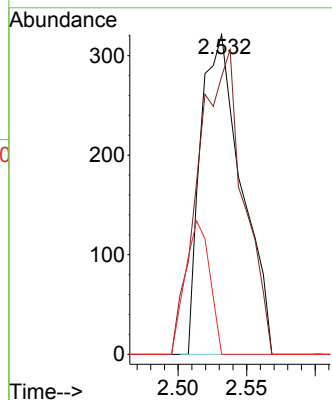
Tgt Ion: 41 Resp: 668

Ion Ratio Lower Upper

41 100

39 104.5 55.8 83.6#

76 0.0 24.3 36.5#



#16

Acetone

Concen: 4.329 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX038340.D

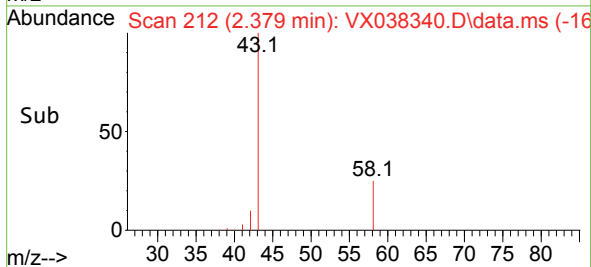
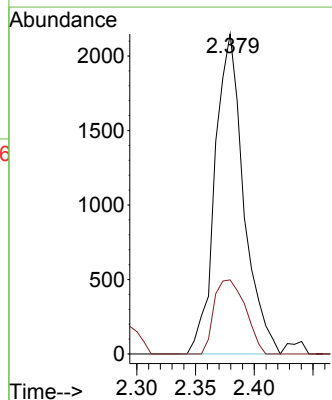
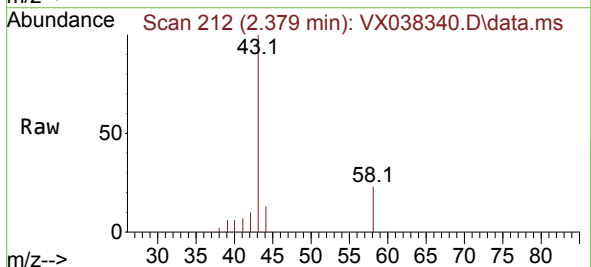
Acq: 17 Oct 2023 19:23

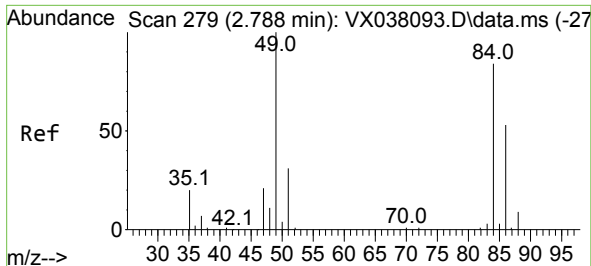
Tgt Ion: 43 Resp: 3656

Ion Ratio Lower Upper

43 100

58 23.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.297 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

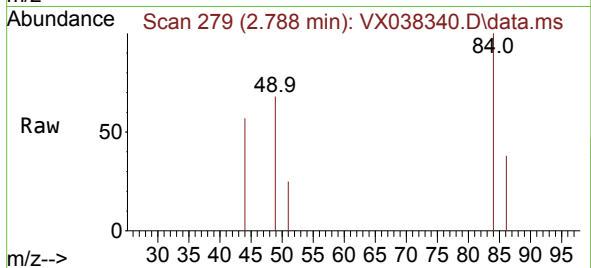
Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 471

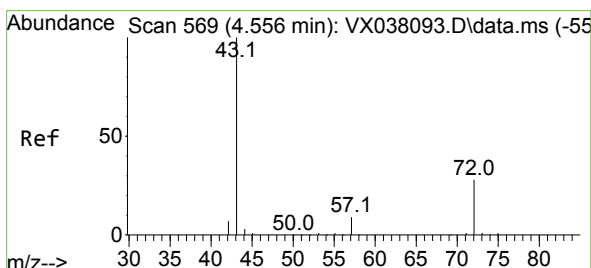
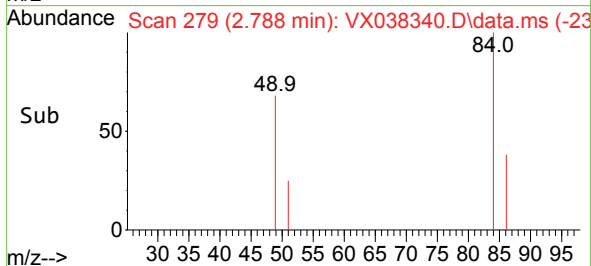
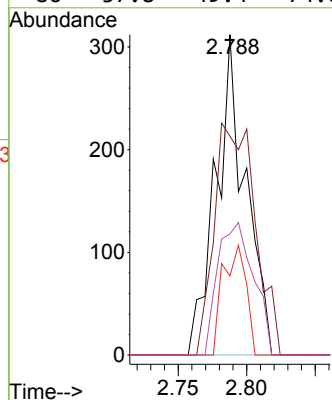
Ion Ratio Lower Upper

84 100

49 68.3 103.6 155.4#

51 24.7 33.8 50.6#

86 37.8 49.4 74.0#



#25

2-Butanone

Concen: 0.286 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.036 min

Lab File: VX038340.D

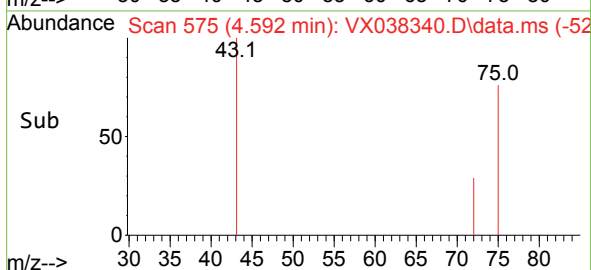
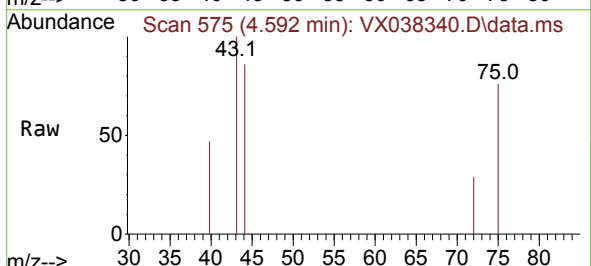
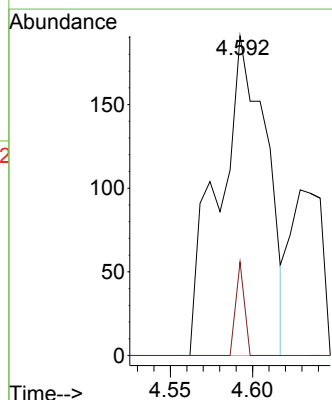
Acq: 17 Oct 2023 19:23

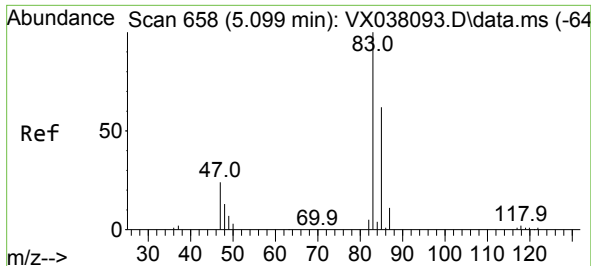
Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

72 29.3 19.4 29.2#





#30

Chloroform

Concen: 0.704 ug/l

RT: 5.104 min Scan# 61

Delta R.T. 0.011 min

Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

Instrument :

MSVOA_X

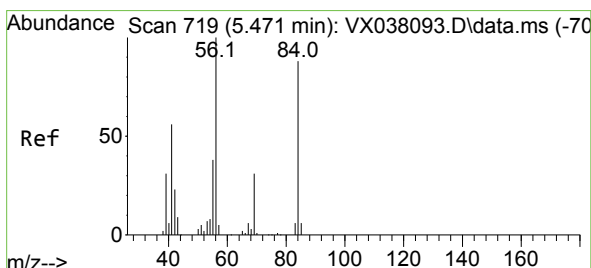
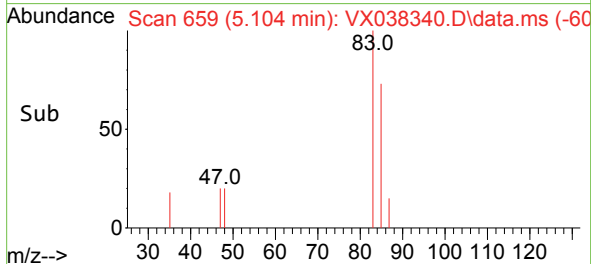
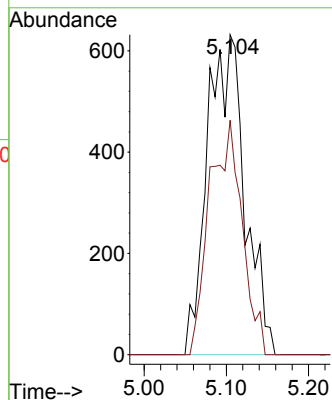
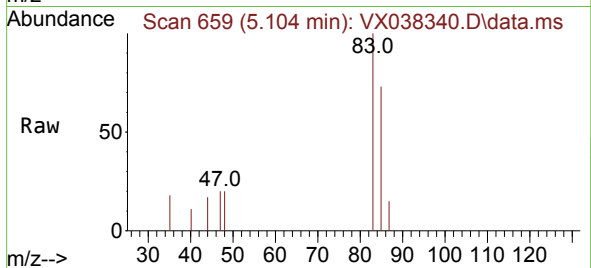
ClientSampleId :

Tgt Ion: 83 Resp: 2016

Ion Ratio Lower Upper

83 100

85 73.3 50.3 75.5



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

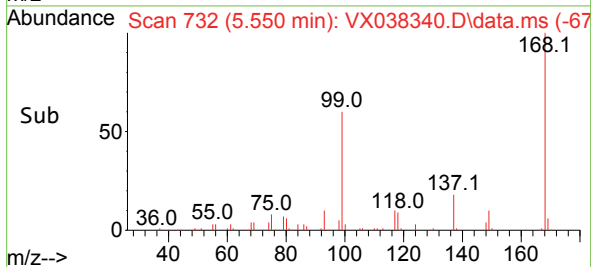
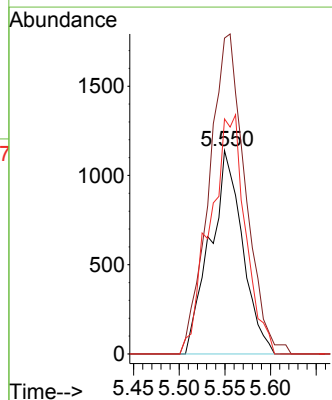
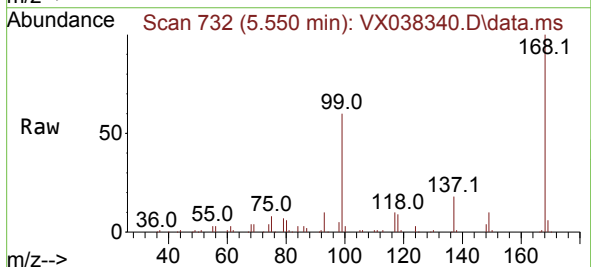
Tgt Ion: 56 Resp: 2815

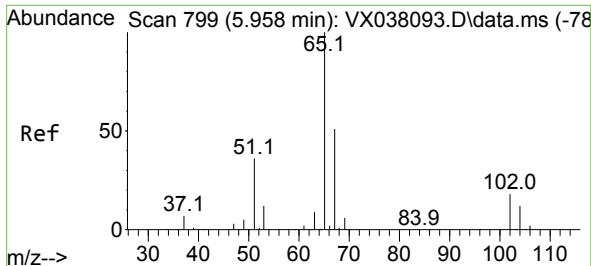
Ion Ratio Lower Upper

56 100

69 155.4 23.4 35.2#

84 115.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.561 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

Instrument :

MSVOA_X

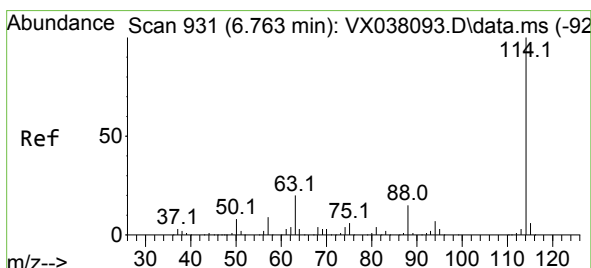
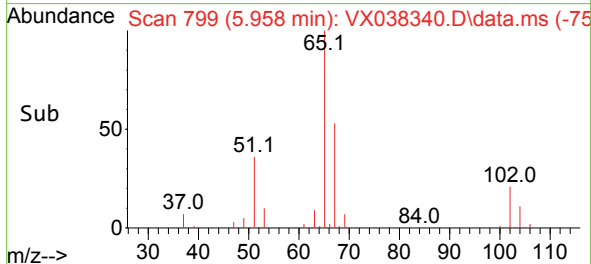
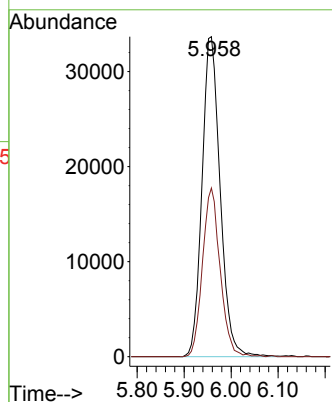
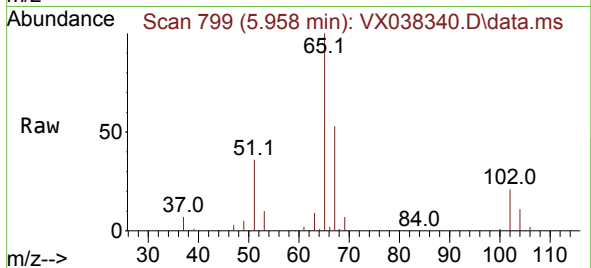
ClientSampleId :

Tgt Ion: 65 Resp: 90167

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# 931

Delta R.T. -0.000 min

Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

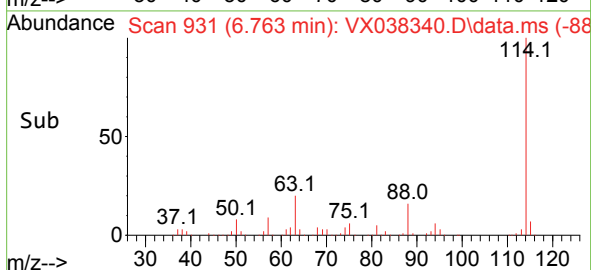
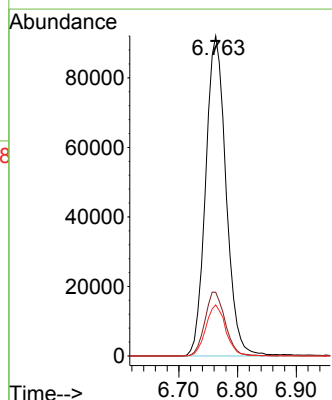
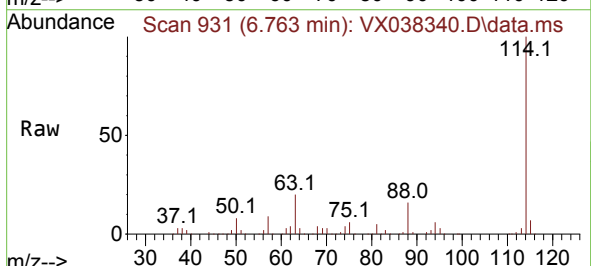
Tgt Ion: 114 Resp: 222085

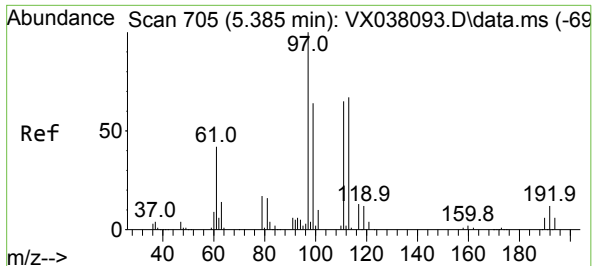
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

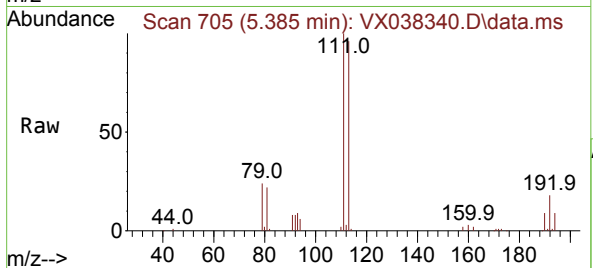
88 15.9 0.0 36.6



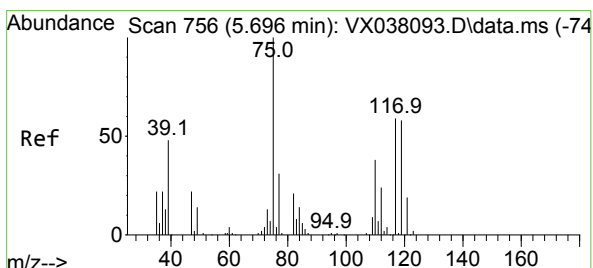
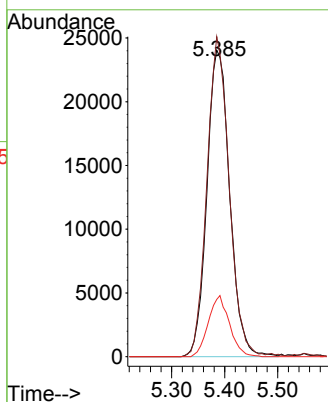
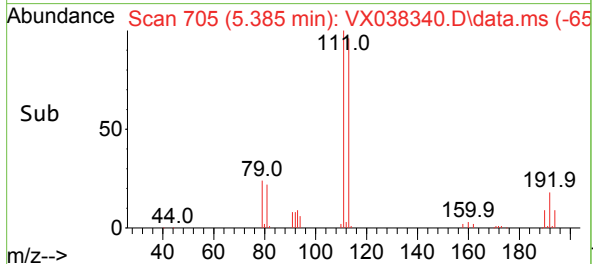


#35
Dibromofluoromethane
Concen: 44.861 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

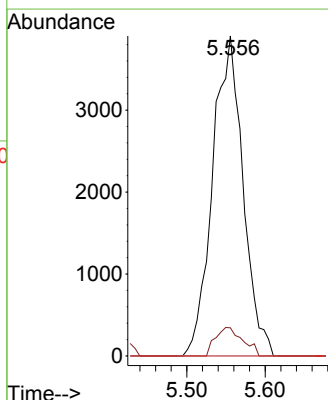
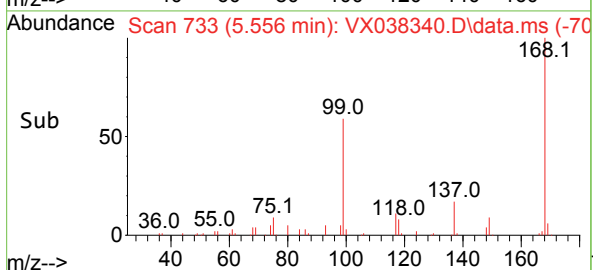
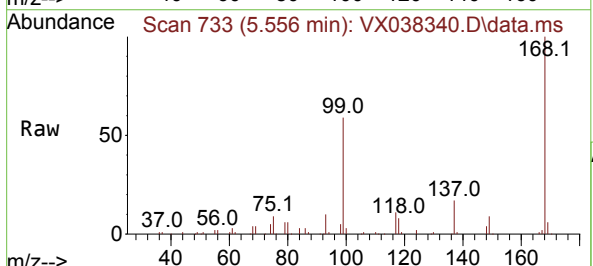


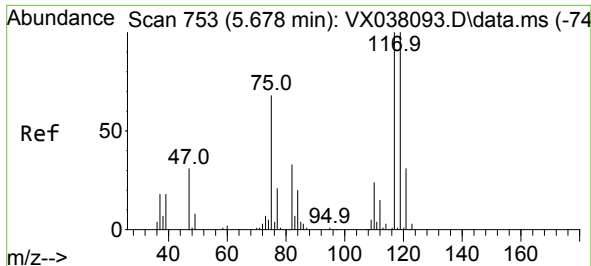
Tgt Ion:113 Resp: 71790
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

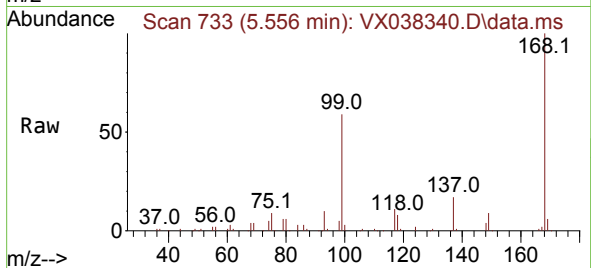
Tgt Ion: 75 Resp: 10541
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



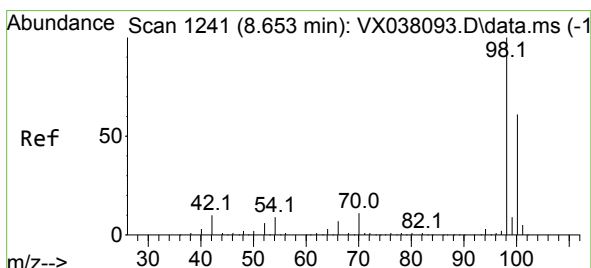
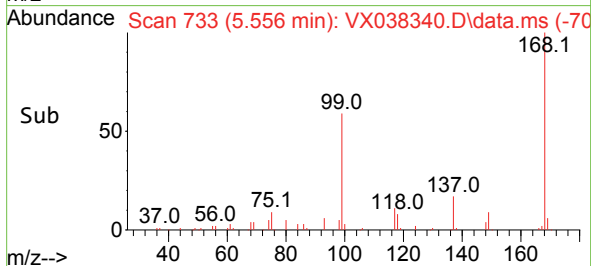
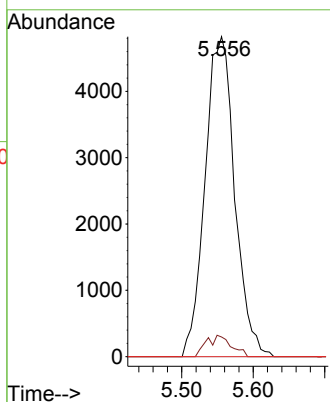


#38
Carbon Tetrachloride
Concen: 6.403 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

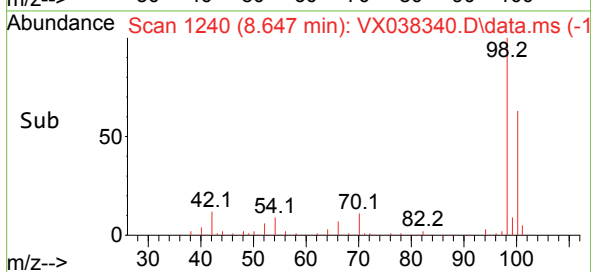
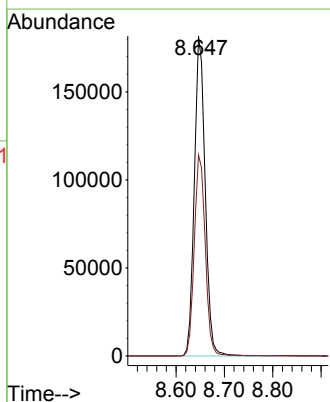
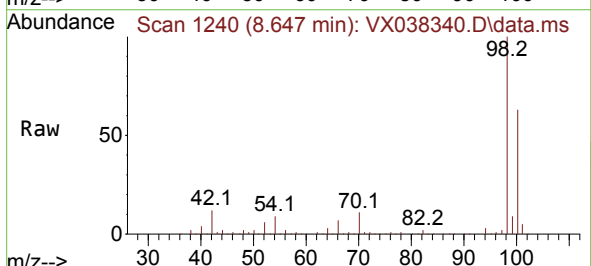


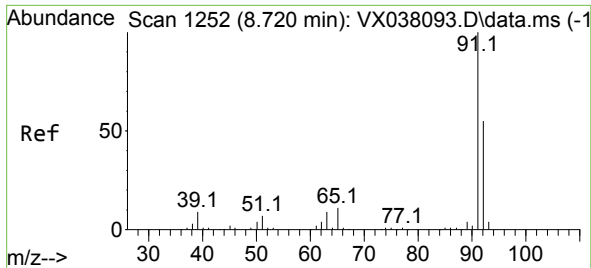
Tgt Ion:117 Resp: 13899
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.054 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Tgt Ion: 98 Resp: 281623
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

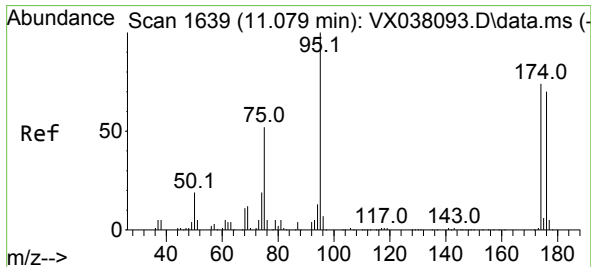
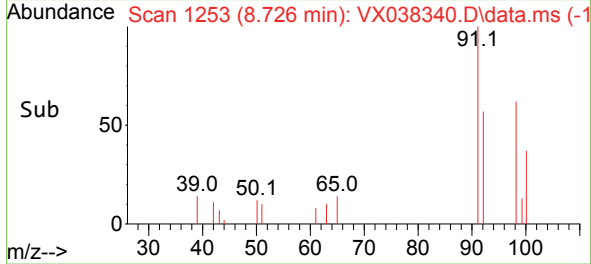
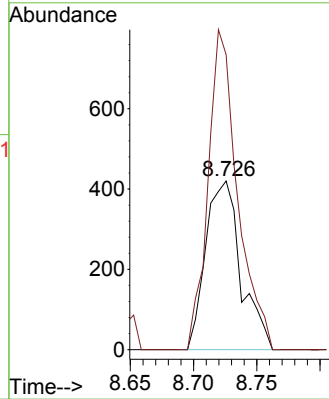
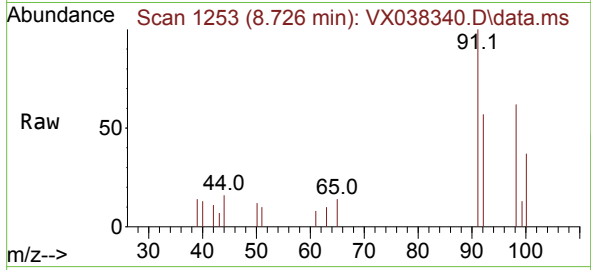




#52
Toluene
Concen: 0.202 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

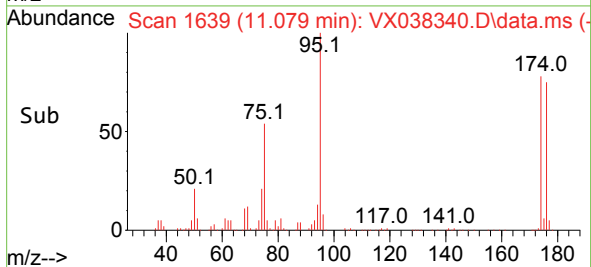
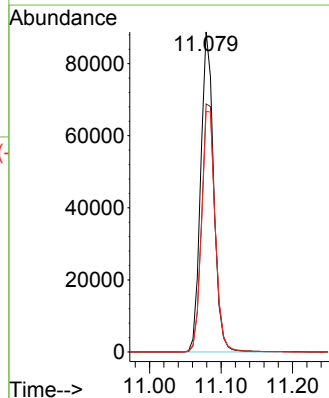
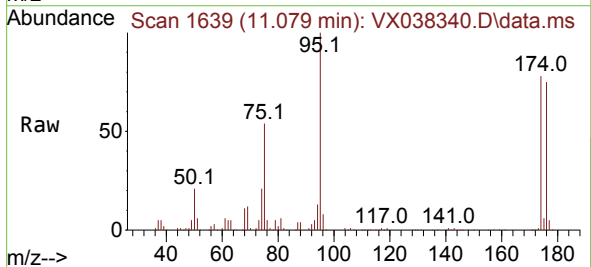
Instrument :
MSVOA_X
ClientSampleId :

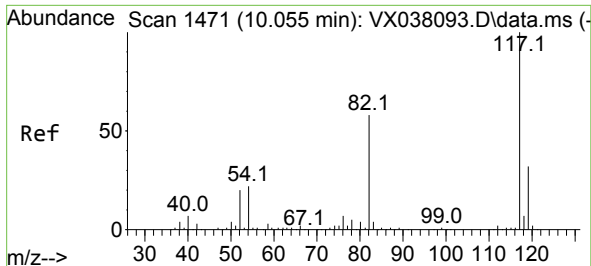
Tgt Ion: 92 Resp: 811
Ion Ratio Lower Upper
92 100
91 159.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Tgt Ion: 95 Resp: 111864
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 79.2 0.0 131.0

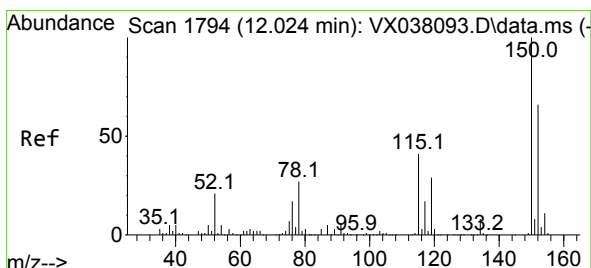
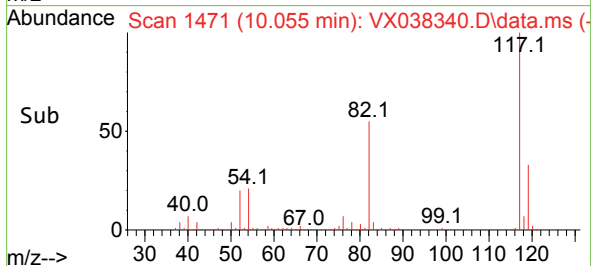
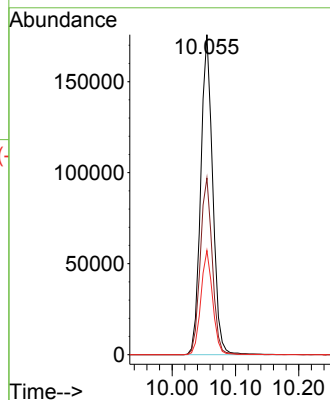
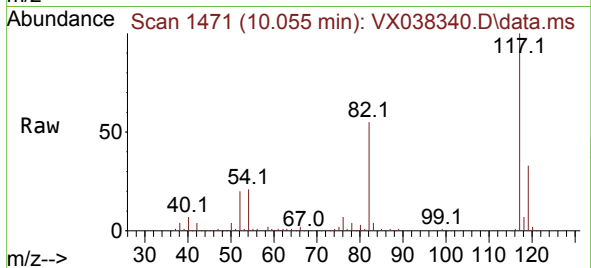




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

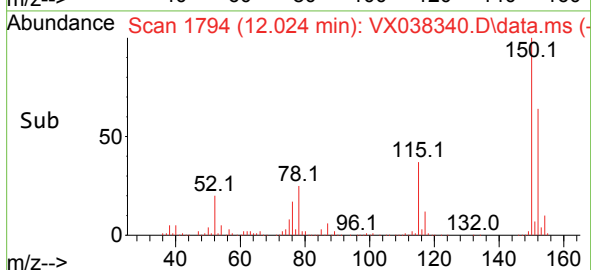
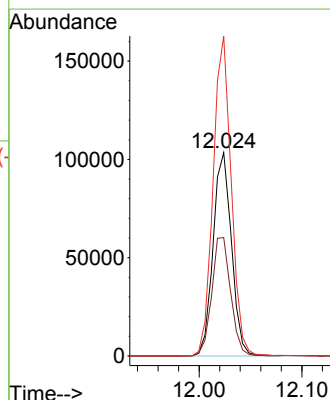
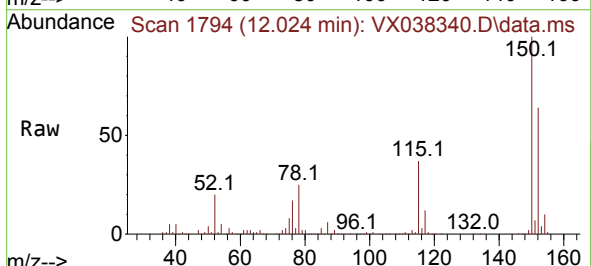
Instrument :
MSVOA_X
ClientSampleId :

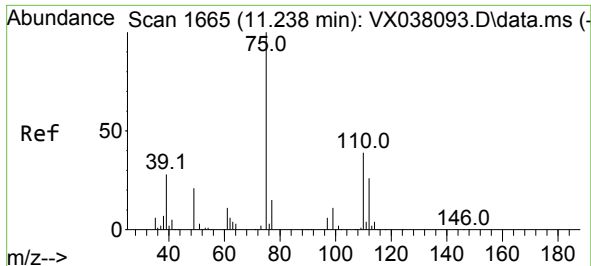
Tgt Ion:117 Resp: 231730
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Tgt Ion:152 Resp: 128341
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 155.1 0.0 345.0

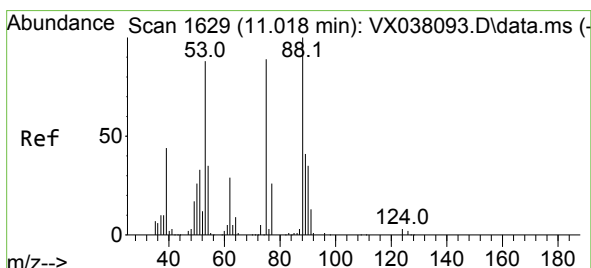
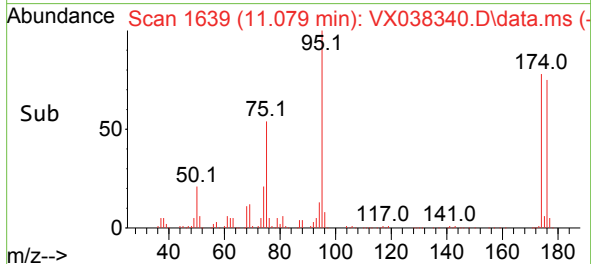
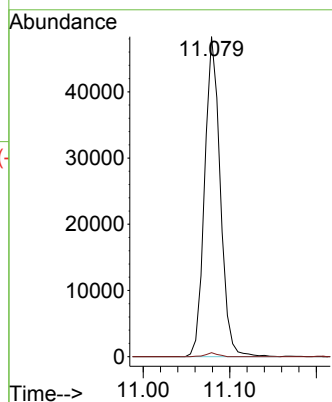
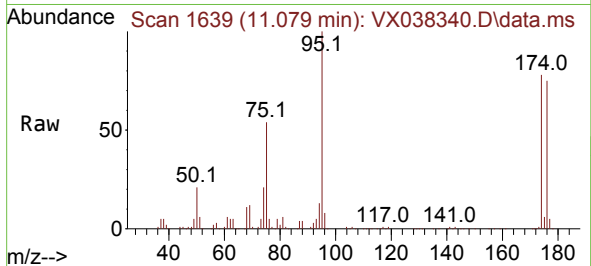




#76
1,2,3-Trichloropropane
Concen: 20.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

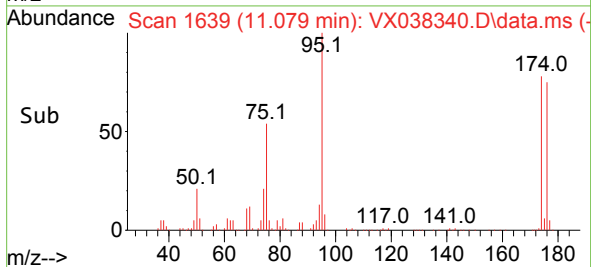
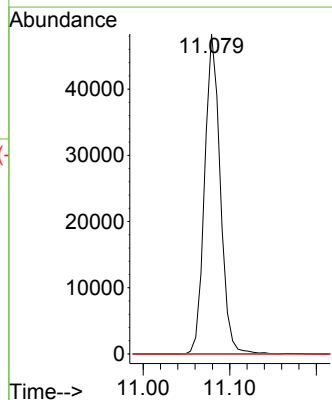
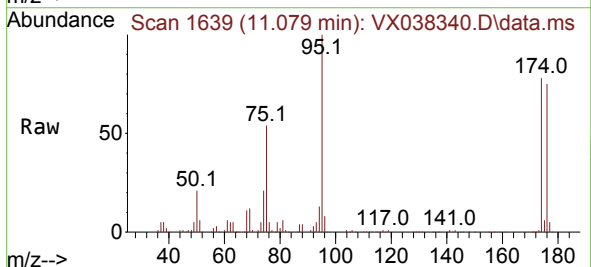
Instrument :
MSVOA_X
ClientSampleId :

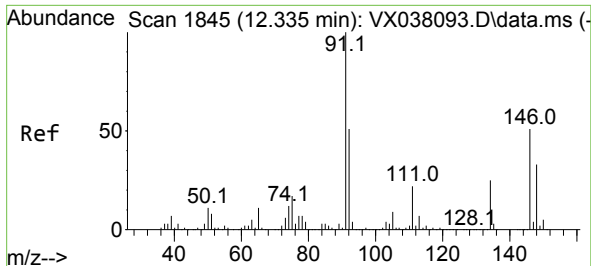
Tgt Ion: 75 Resp: 60557
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Tgt Ion: 75 Resp: 60557
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.809 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038340.D

Acq: 17 Oct 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

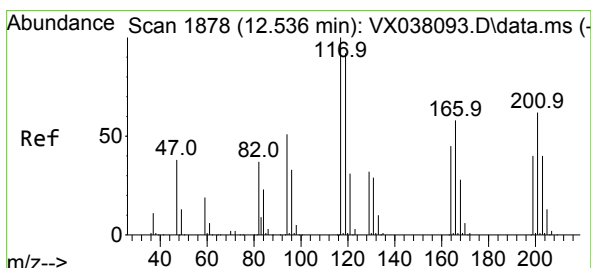
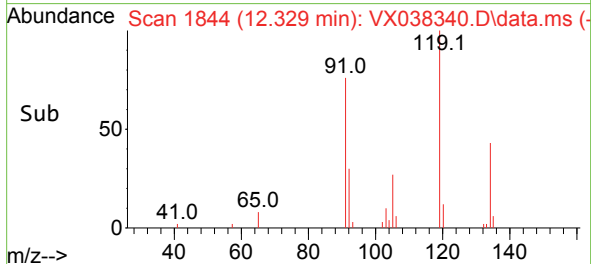
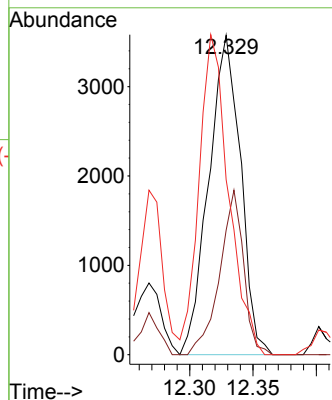
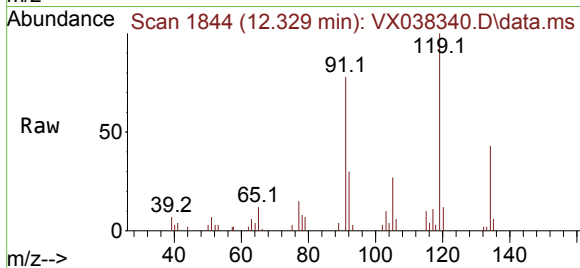
Tgt Ion: 91 Resp: 6251

Ion Ratio Lower Upper

91 100

92 38.6 27.4 82.0

134 92.8 12.6 37.8#



#90

Hexachloroethane

Concen: 1.624 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX038340.D

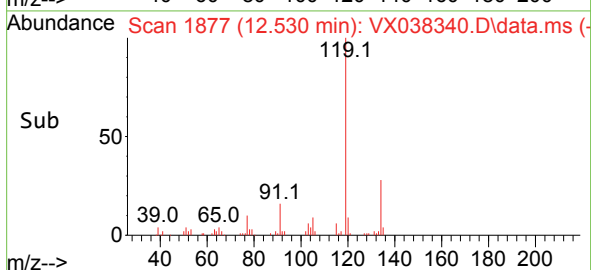
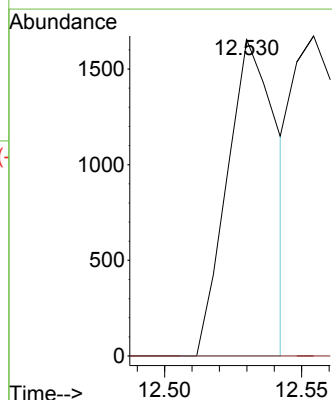
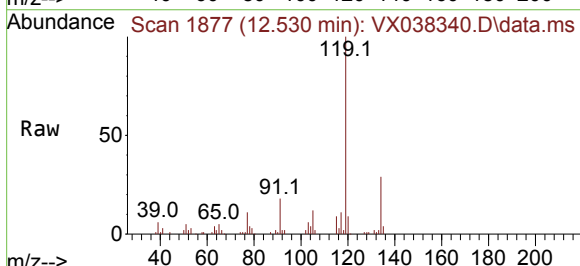
Acq: 17 Oct 2023 19:23

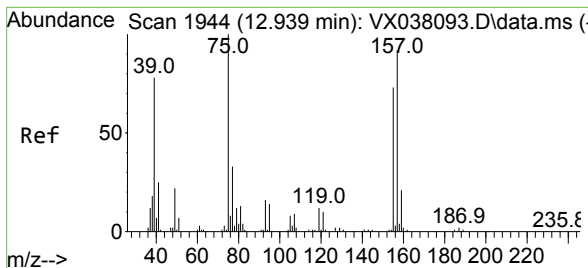
Tgt Ion: 117 Resp: 2088

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

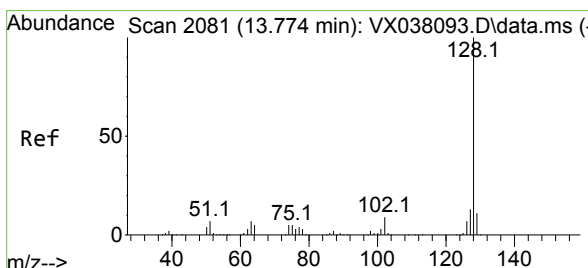
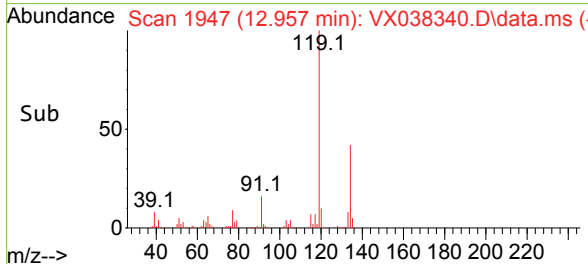
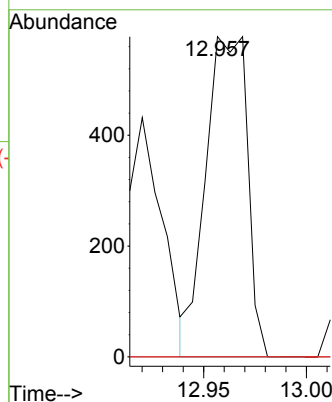
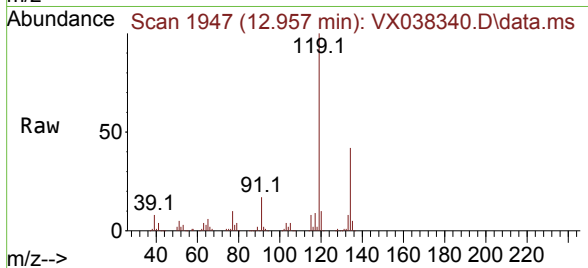




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.061 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 810
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 16.337 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038340.D
Acq: 17 Oct 2023 19:23

Tgt Ion: 128 Resp: 154812
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

