

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038354.D
 Acq On : 18 Oct 2023 11:57
 Operator : JC/MD
 Sample : 04936-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:38:20 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)

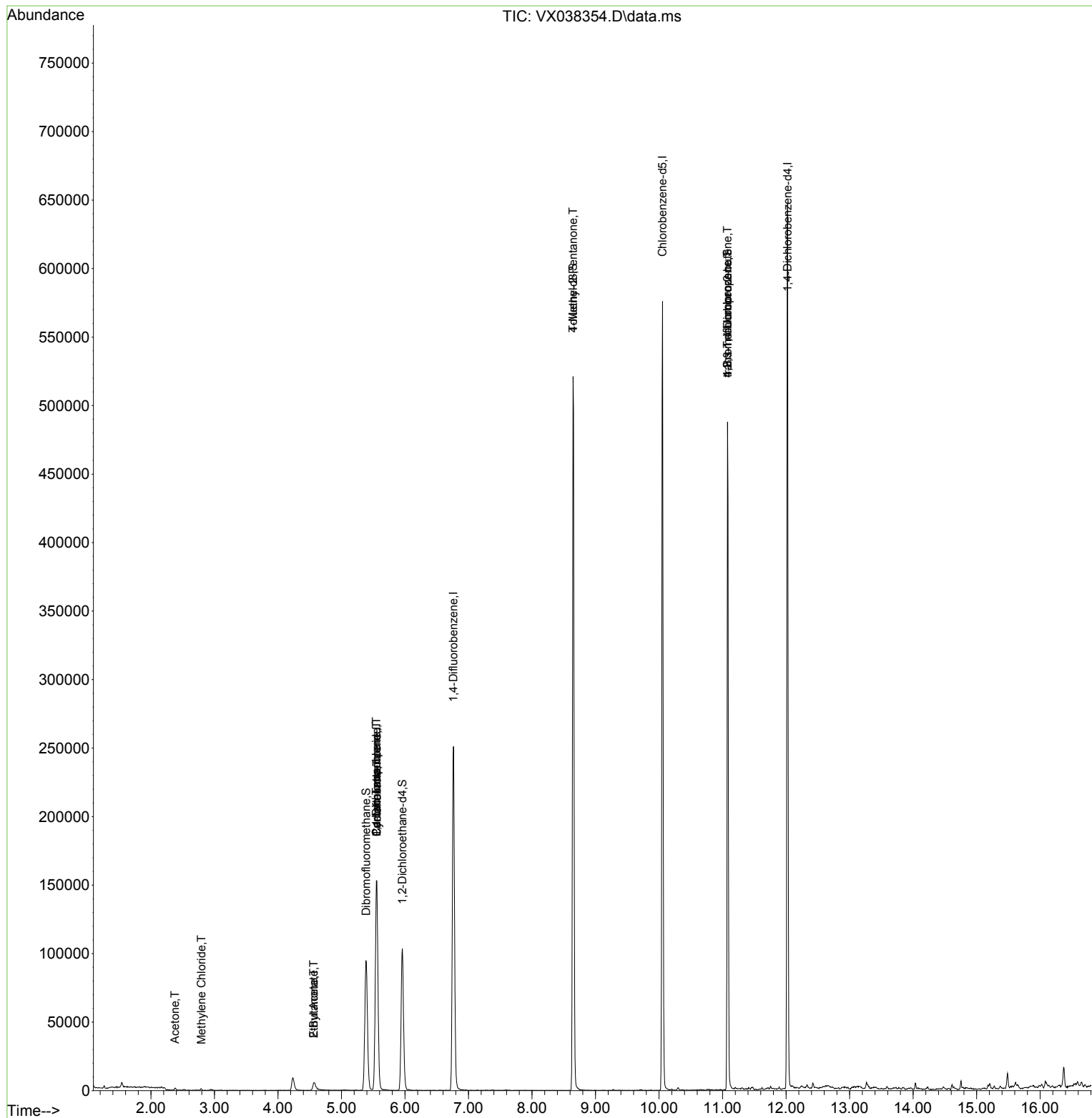
Internal Standards						
1) Pentafluorobenzene	5.556	168	145411	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101340	43.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.660%
35) Dibromofluoromethane	5.385	113	82311	44.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.040%
50) Toluene-d8	8.647	98	315694	44.188	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.380%#
62) 4-Bromofluorobenzene	11.079	95	123892	45.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	169	Below Cal	#	41
6) Chloroethane	1.691	64	298	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	455	Below Cal	#	78
16) Acetone	2.380	43	1476	1.512	ug/l #	75
20) Methylene Chloride	2.794	84	516	0.281	ug/l #	61
25) 2-Butanone	4.562	43	7482	4.751	ug/l #	86
31) Cyclohexane	5.556	56	3343	1.319	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	12236	4.746	ug/l #	50
37) Ethyl Acetate	4.562	43	7482	2.444	ug/l #	69
38) Carbon Tetrachloride	5.550	117	15089	5.949	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1358	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66681	21.536	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66681	61.844	ug/l #	5

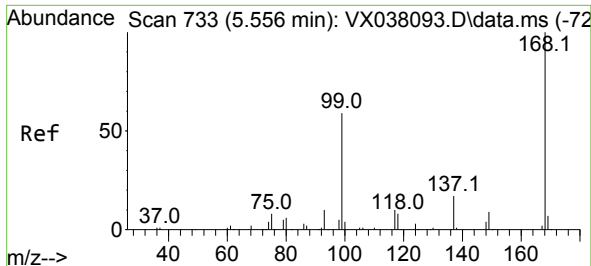
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

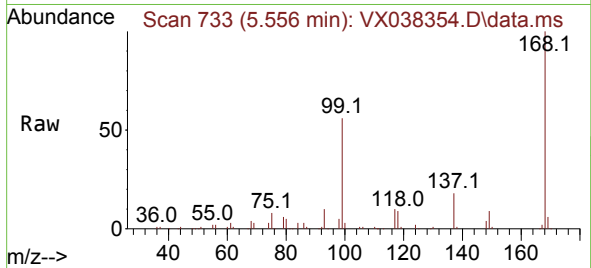
Lab File: VX038354.D

Acq: 18 Oct 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

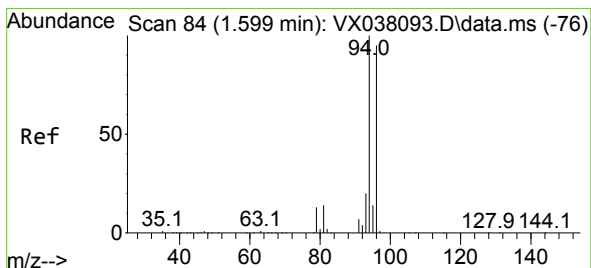
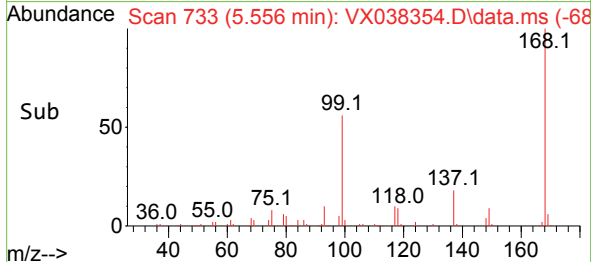
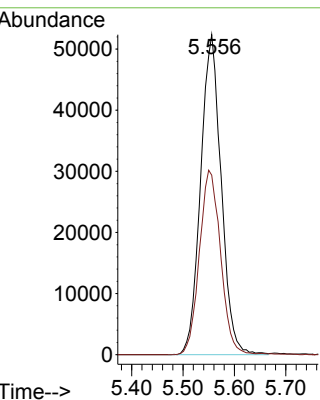


Tgt Ion:168 Resp: 145411

Ion Ratio Lower Upper

168 100

99 56.1 56.6 85.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX038354.D

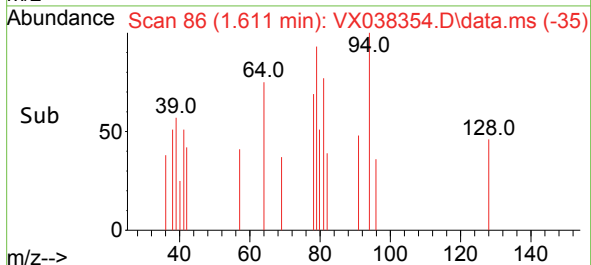
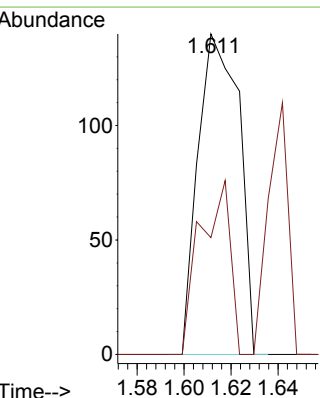
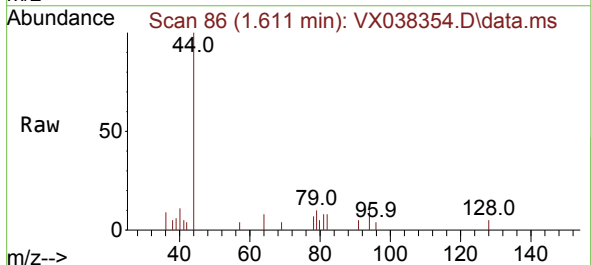
Acq: 18 Oct 2023 11:57

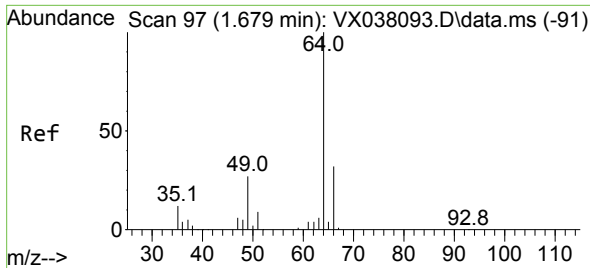
Tgt Ion: 94 Resp: 169

Ion Ratio Lower Upper

94 100

96 36.4 74.6 111.8#

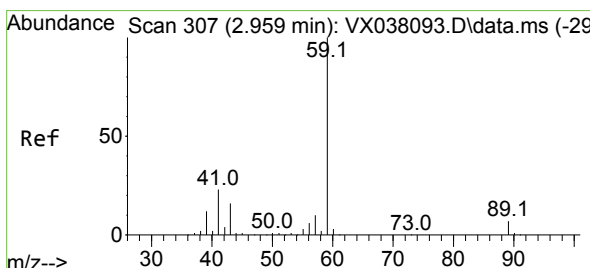
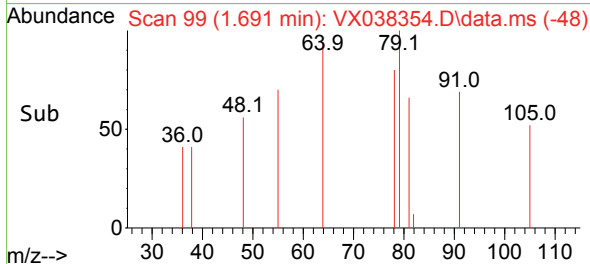
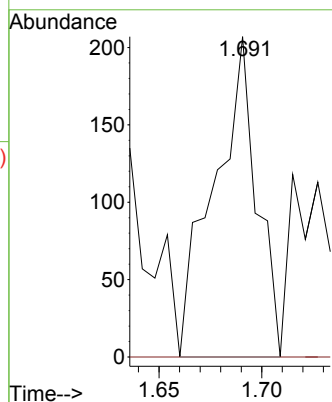
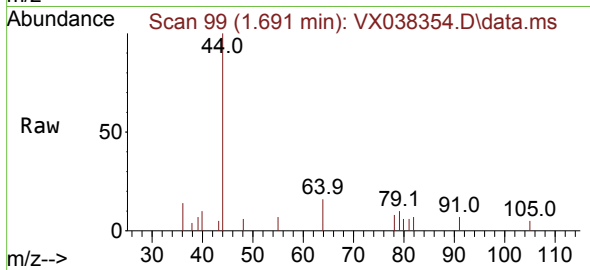




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

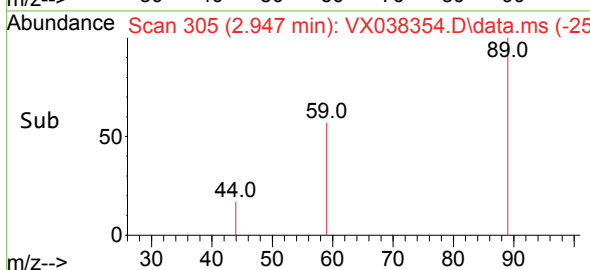
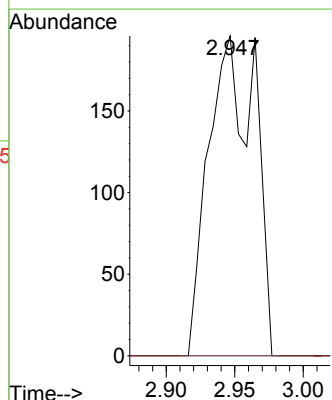
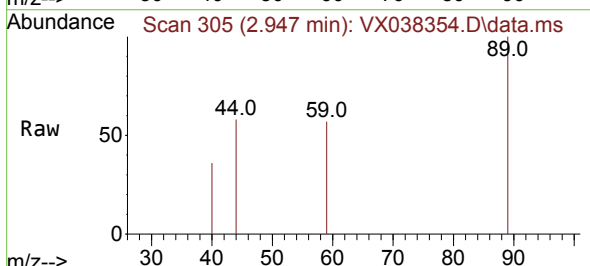
Instrument :
MSVOA_X
ClientSampleId :

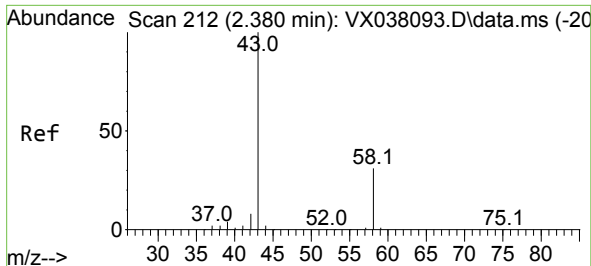
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

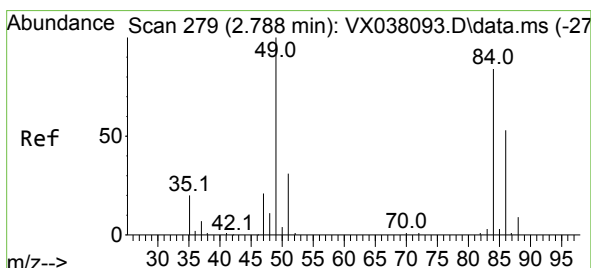
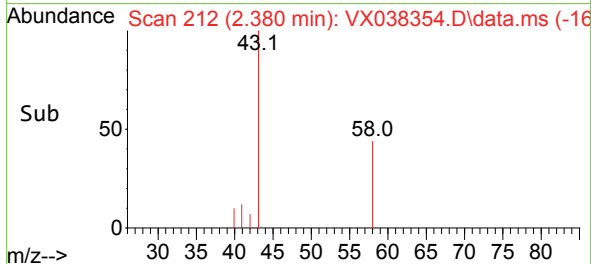
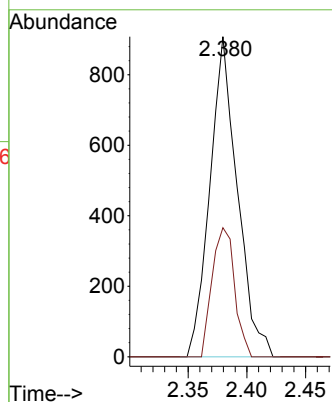
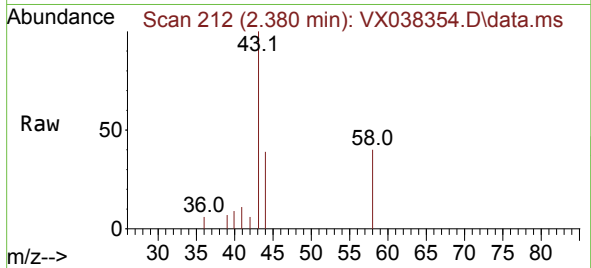




#16
Acetone
Concen: 1.512 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

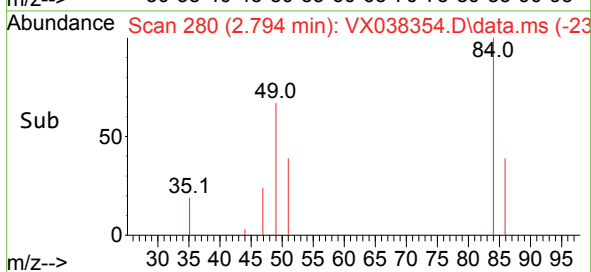
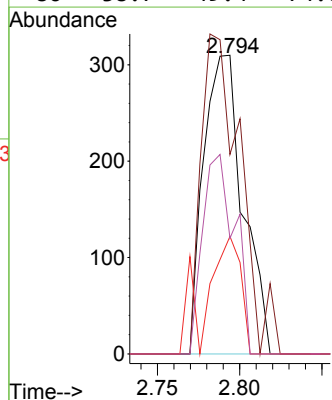
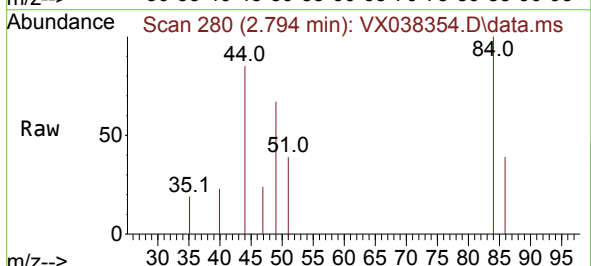
Instrument :
MSVOA_X
ClientSampleId :

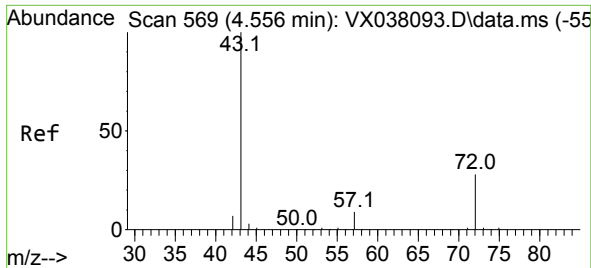
Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 40.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 84 Resp: 516
Ion Ratio Lower Upper
84 100
49 66.8 103.6 155.4#
51 39.4 33.8 50.6
86 38.7 49.4 74.0#

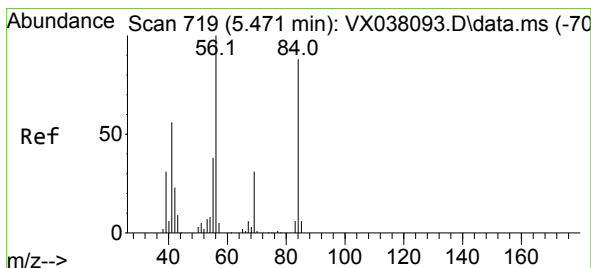
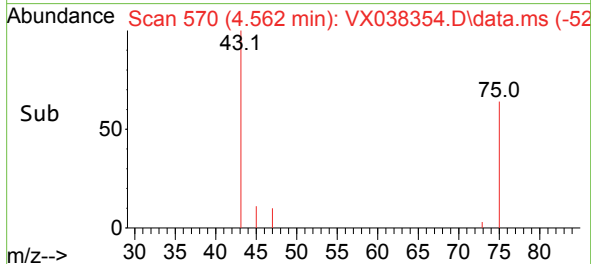
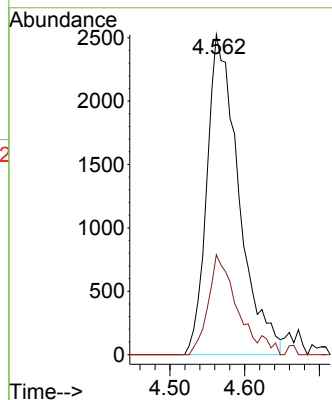
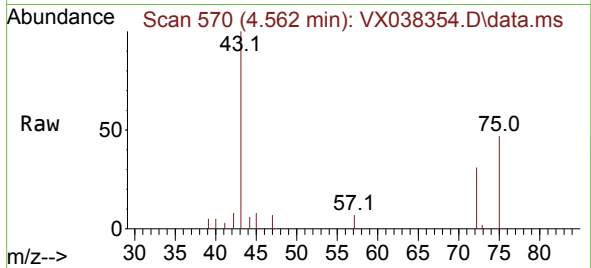




#25
2-Butanone
Concen: 4.751 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

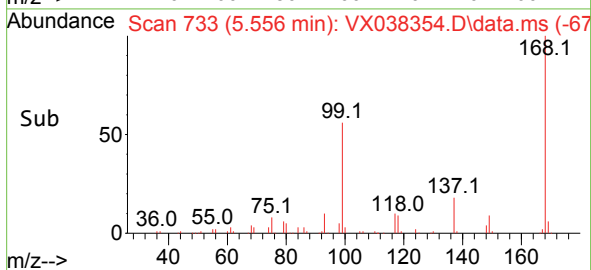
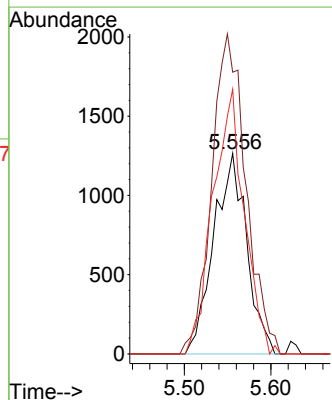
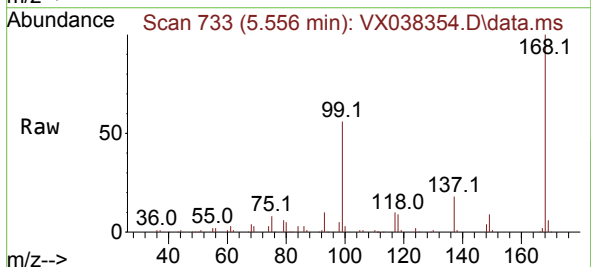
Instrument :
MSVOA_X
ClientSampleId :

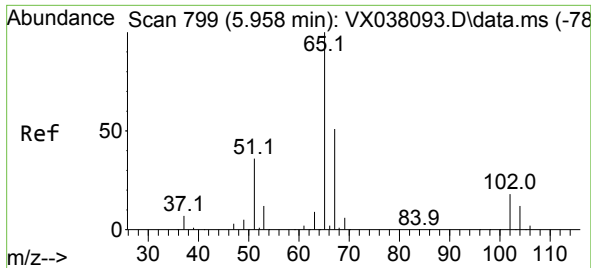
Tgt Ion: 43 Resp: 7482
Ion Ratio Lower Upper
43 100
72 31.2 19.4 29.2#



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
69 140.6 23.4 35.2#
84 132.0 65.9 98.9#

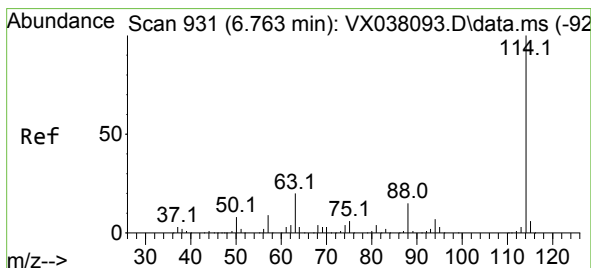
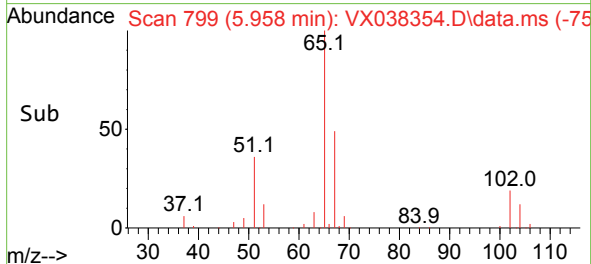
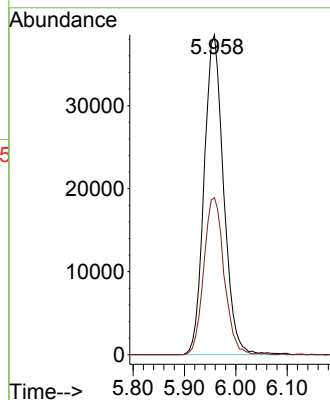
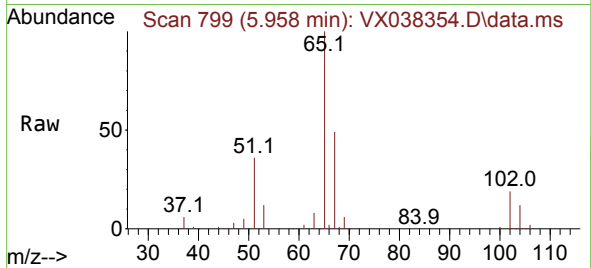




#33
1,2-Dichloroethane-d4
Concen: 43.329 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

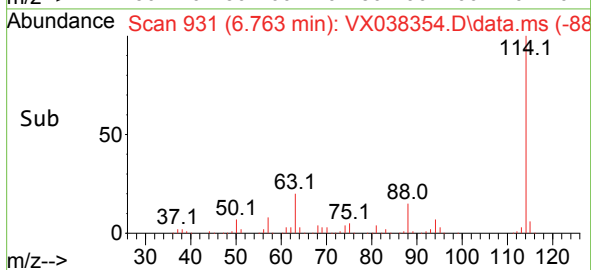
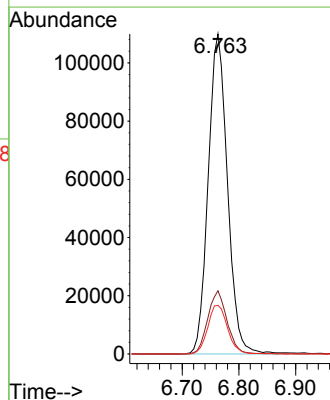
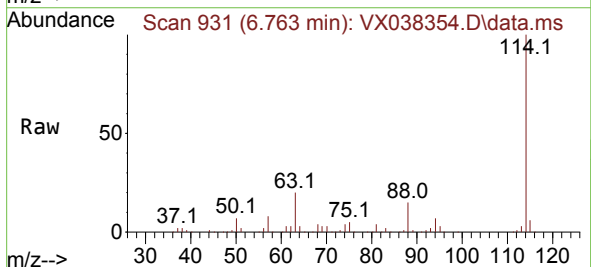
Instrument :
MSVOA_X
ClientSampleId :

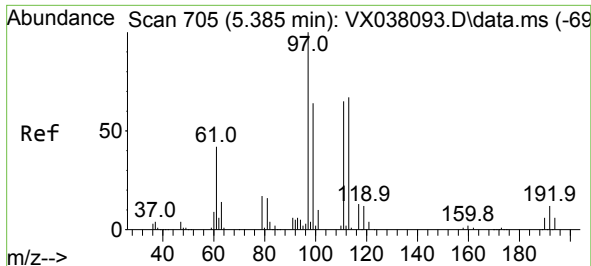
Tgt Ion: 65 Resp: 101340
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

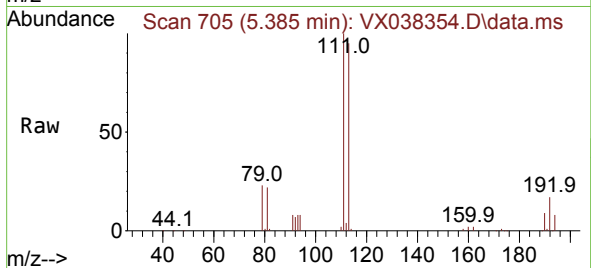
Tgt Ion:114 Resp: 259471
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.2 0.0 36.6



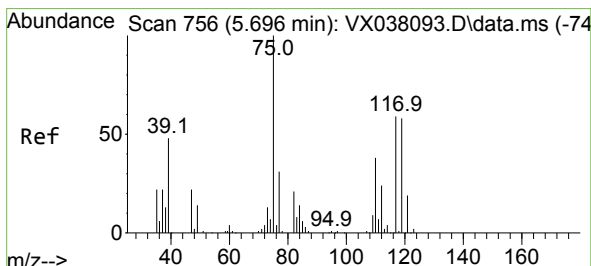
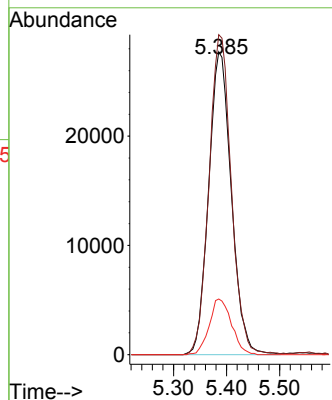
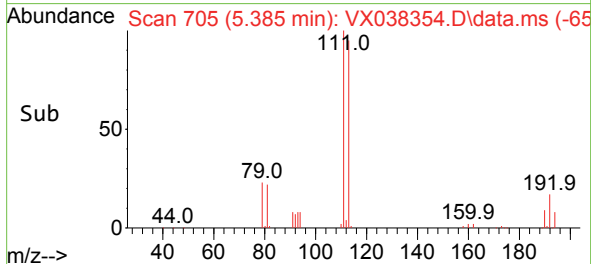


#35
Dibromofluoromethane
Concen: 44.025 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038354.D
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Instrument :
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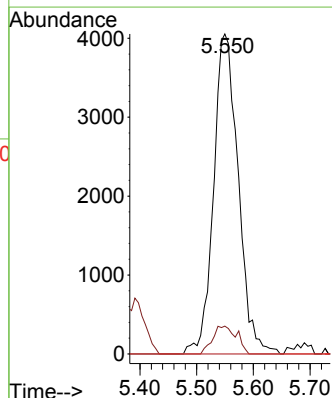
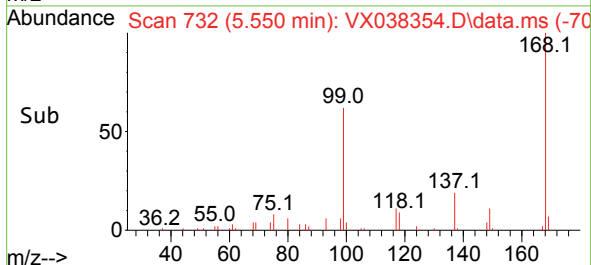
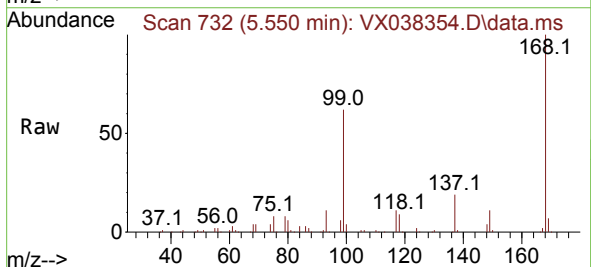


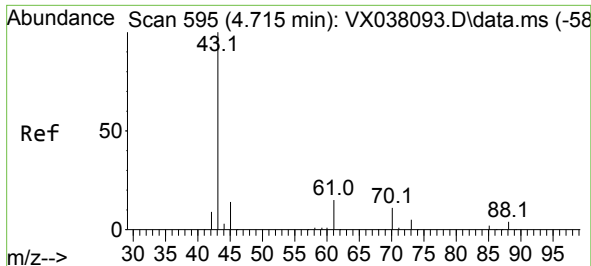
Tgt Ion:113 Resp: 82311
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 75 Resp: 12236
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.444 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.153 min

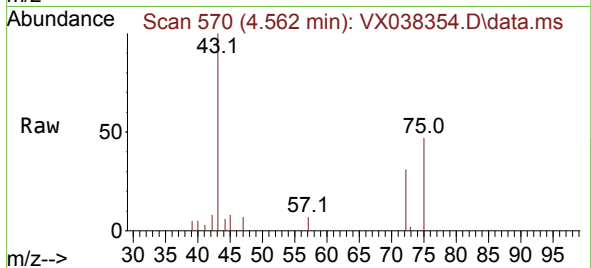
Lab File: VX038354.D

Acq: 18 Oct 2023 11:57

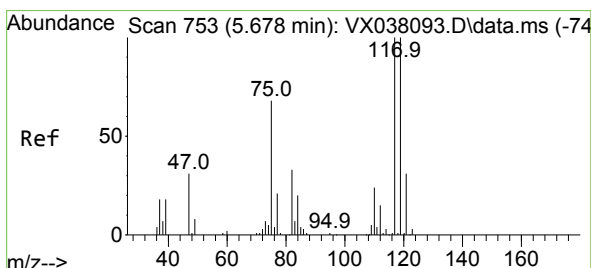
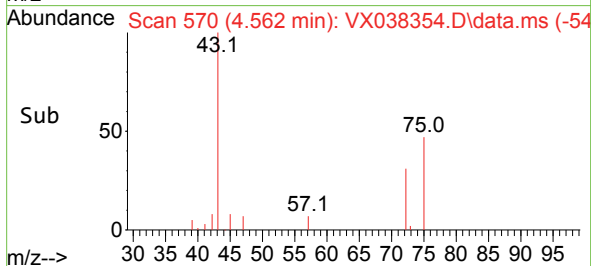
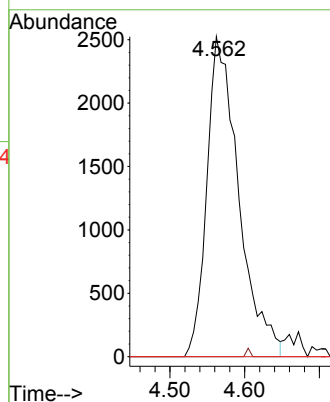
Instrument :

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Tgt Ion:	43	Resp:	7482
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.949 ug/l

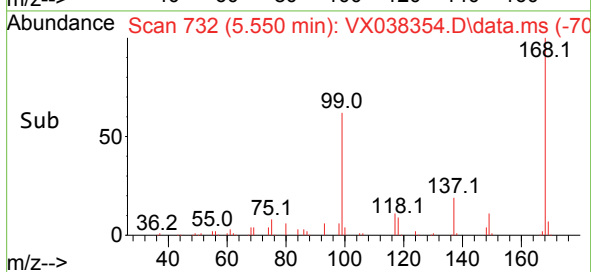
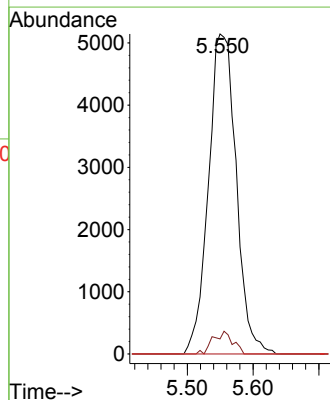
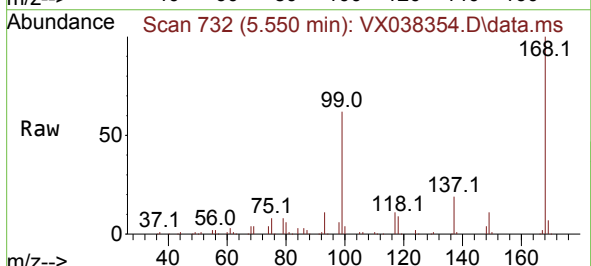
RT: 5.550 min Scan# 732

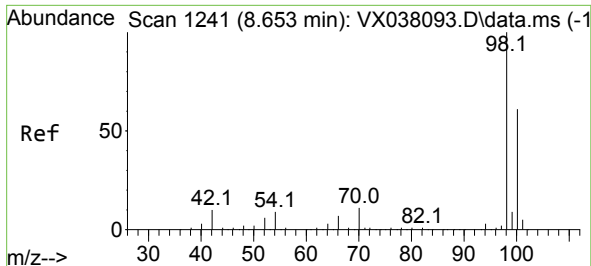
Delta R.T. -0.128 min

Lab File: VX038354.D

Acq: 18 Oct 2023 11:57

Tgt Ion:	117	Resp:	15089
Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.2	117.2#
121	0.0	24.4	36.6#

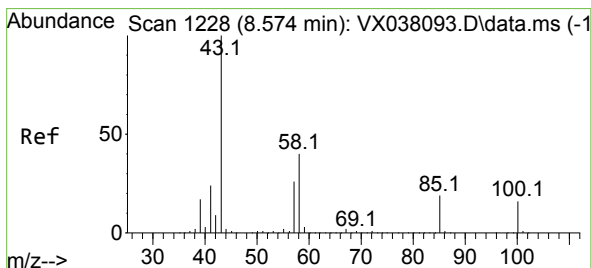
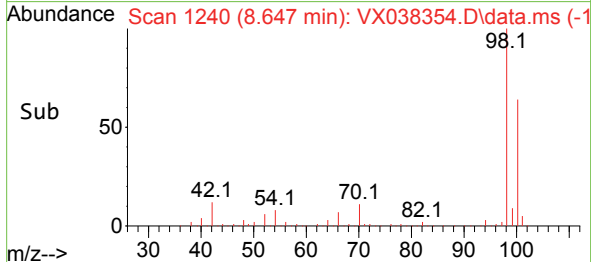
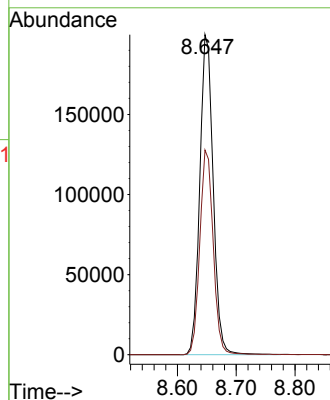
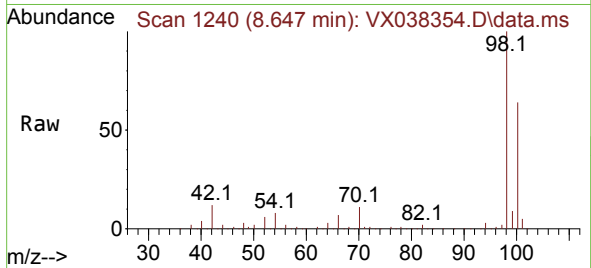




#50
Toluene-d8
Concen: 44.188 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

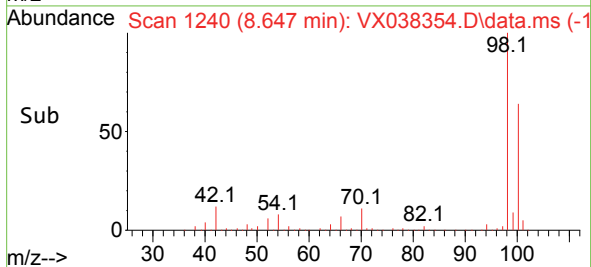
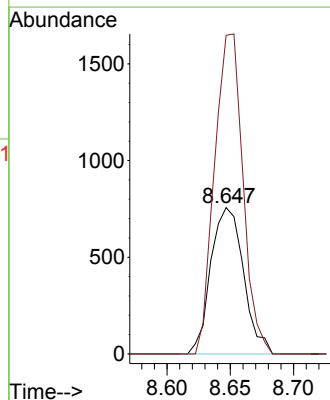
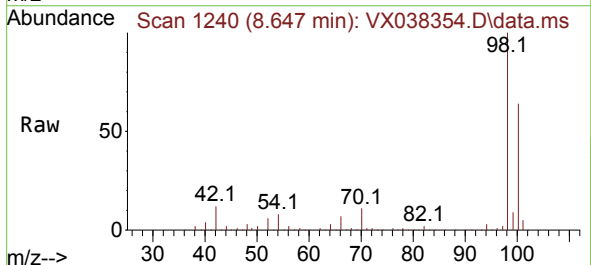
Instrument :
MSVOA_X
ClientSampleId :

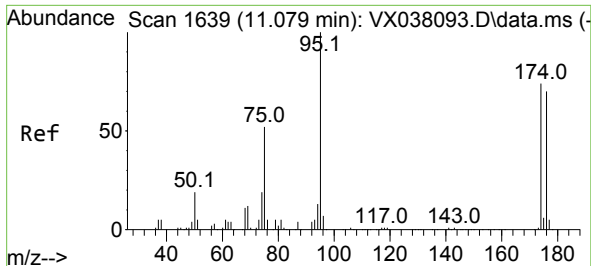
Tgt Ion: 98 Resp: 315694
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.431 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 190.4 30.4 45.6#

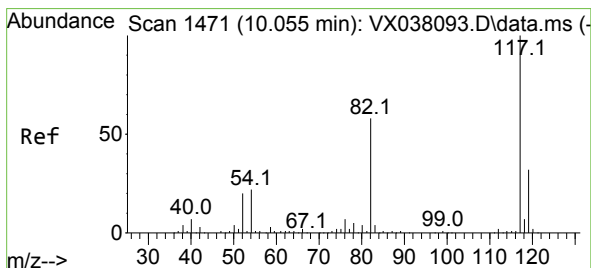
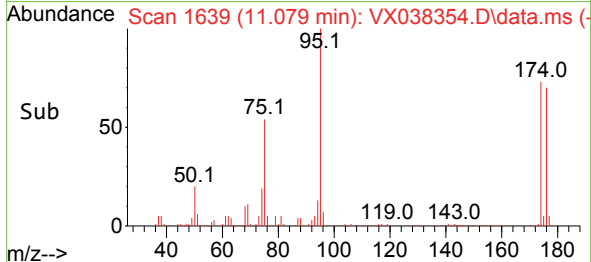
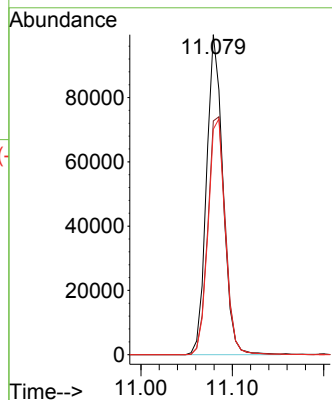
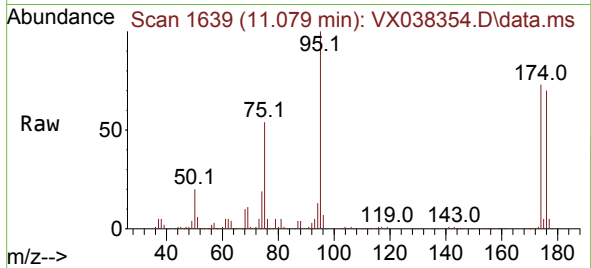




#62
4-Bromofluorobenzene
Concen: 45.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

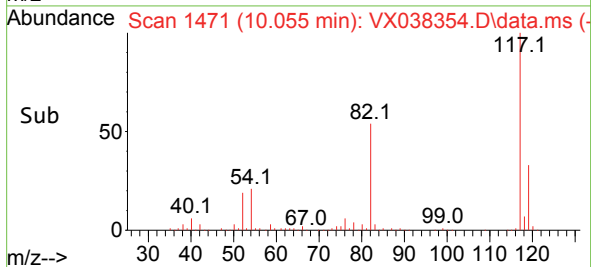
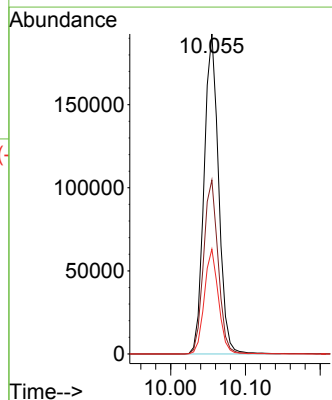
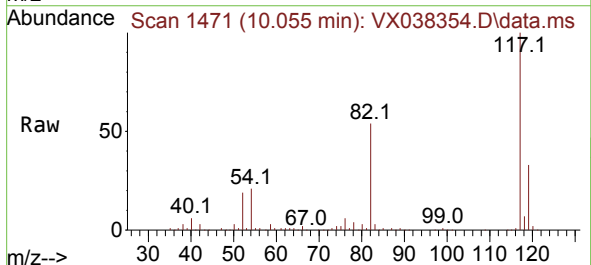
Instrument :
MSVOA_X
ClientSampleId :

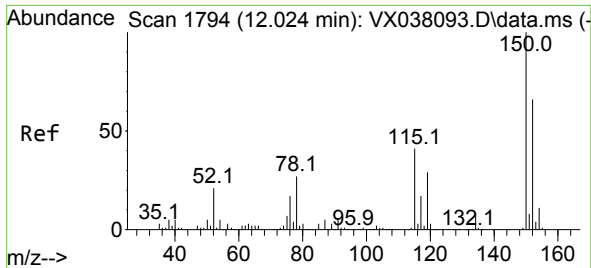
Tgt Ion: 95 Resp: 123892
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

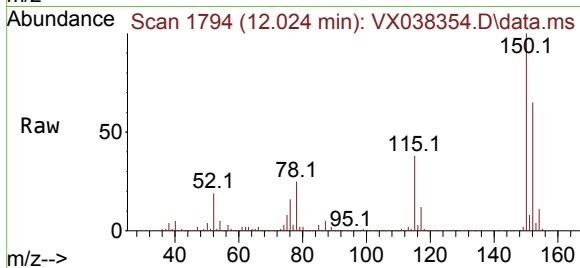
Tgt Ion: 117 Resp: 259924
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.8 25.5 38.3



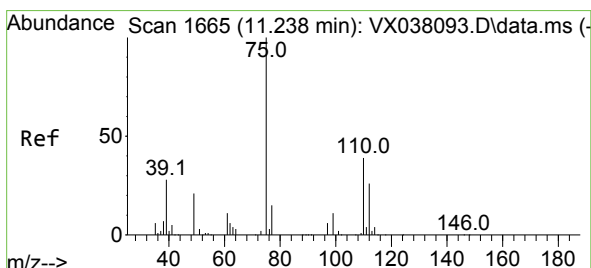
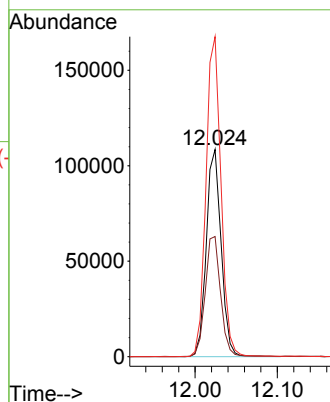
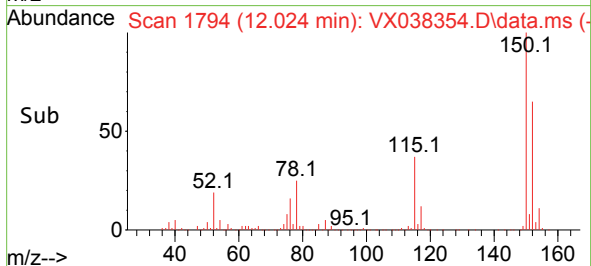


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038354.D
 Acq: 18 Oct 2023 11:57

Instrument :
 MSVOA_X
 ClientSampleId :

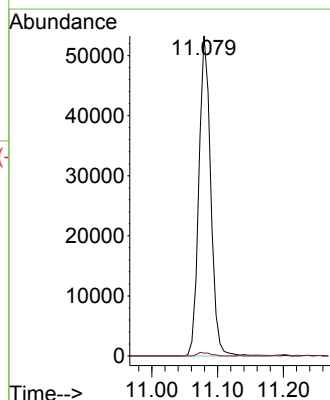
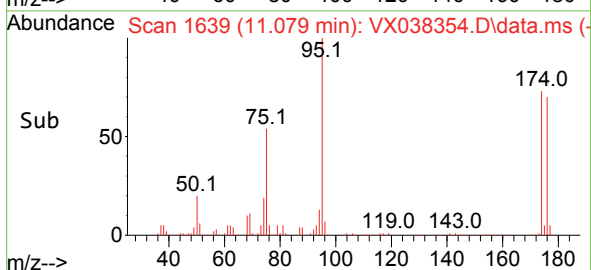
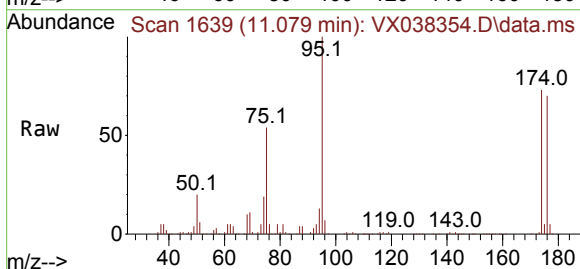


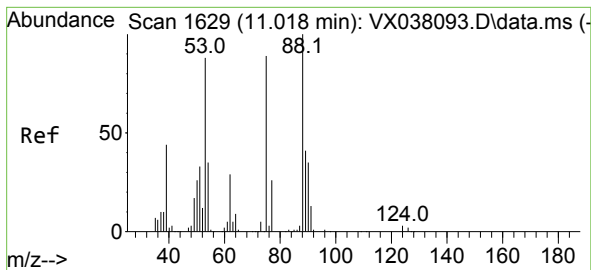
Tgt Ion:152 Resp: 136198
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.536 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038354.D
 Acq: 18 Oct 2023 11:57

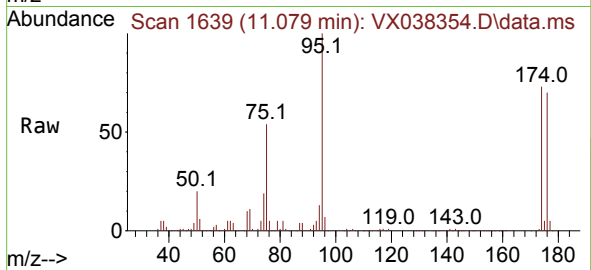
Tgt Ion: 75 Resp: 66681
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.844 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038354.D
 Acq: 18 Oct 2023 11:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 66681
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

