

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038355.D
 Acq On : 18 Oct 2023 12:20
 Operator : JC/MD
 Sample : 04936-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:38:41 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)

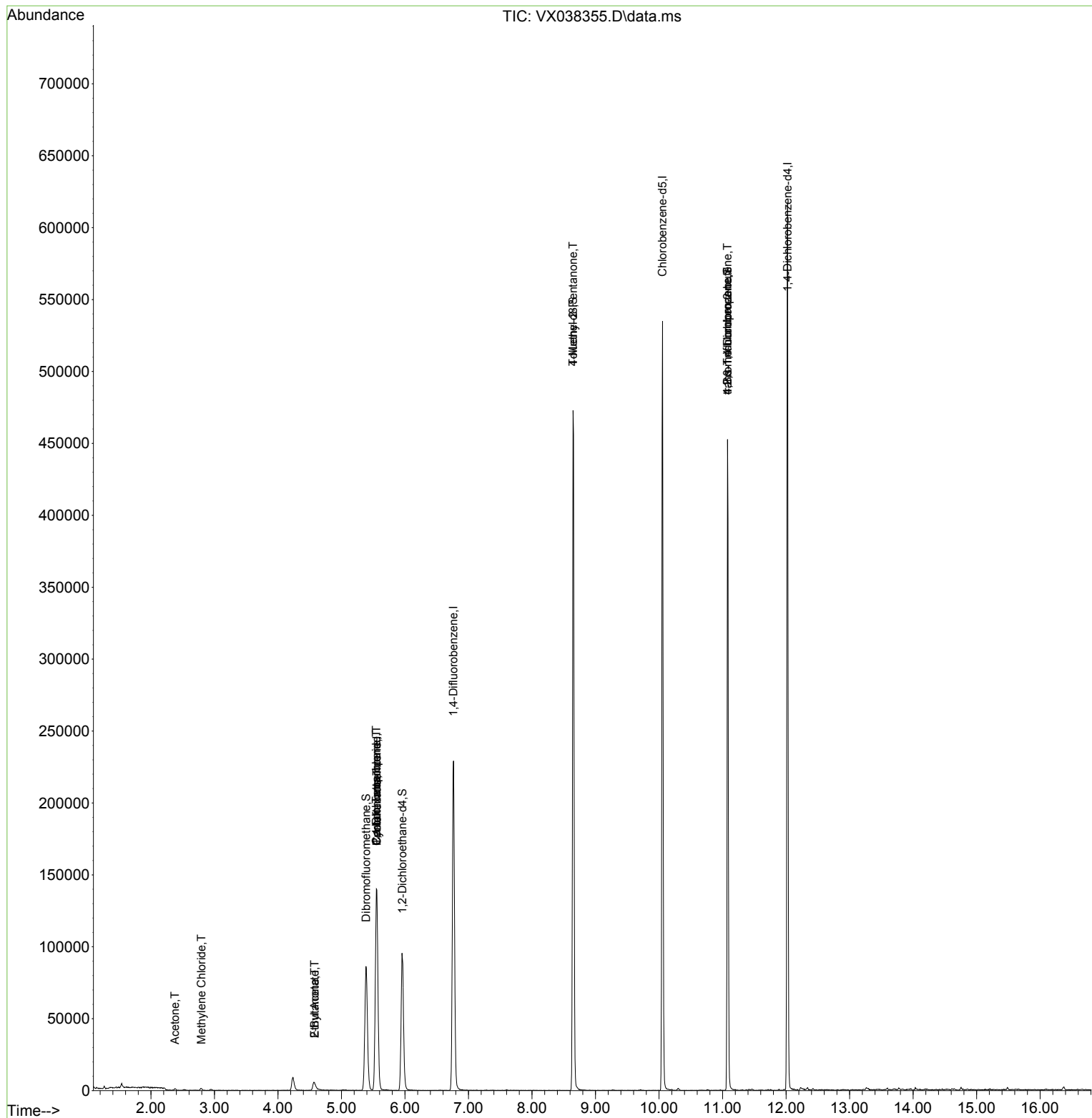
Internal Standards						
1) Pentafluorobenzene	5.556	168	132359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	232591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90937	42.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.440%
35) Dibromofluoromethane	5.385	113	74168	44.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.500%
50) Toluene-d8	8.647	98	291166	45.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.920%#
62) 4-Bromofluorobenzene	11.079	95	113576	46.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	47	Below Cal	#	3
6) Chloroethane	1.679	64	162	Below Cal		96
11) Tert butyl alcohol	2.947	59	531	Below Cal	#	78
16) Acetone	2.380	43	1179	1.327	ug/l #	80
20) Methylene Chloride	2.794	84	744	0.445	ug/l #	87
25) 2-Butanone	4.574	43	6369	4.443	ug/l	100
31) Cyclohexane	5.556	56	3158	1.369	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	10674	4.619	ug/l #	51
37) Ethyl Acetate	4.574	43	6369	2.320	ug/l #	70
38) Carbon Tetrachloride	5.550	117	13706	6.028	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1292	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	62107	21.999	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62107	63.088	ug/l #	5

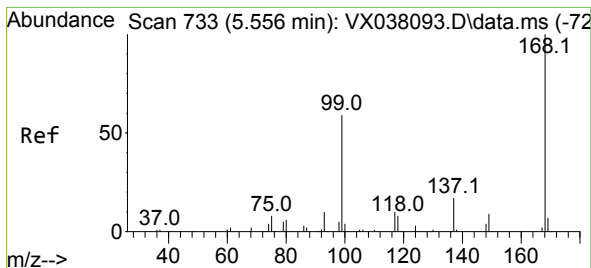
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

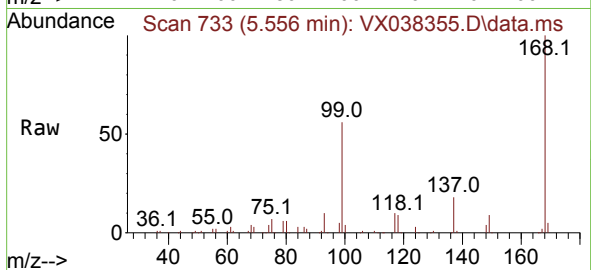
Lab File: VX038355.D

Acq: 18 Oct 2023 12:20

Instrument :

MSVOA_X

ClientSampleId :

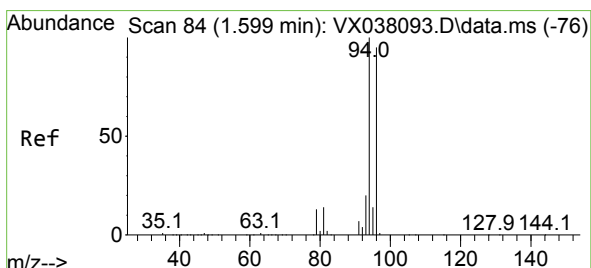
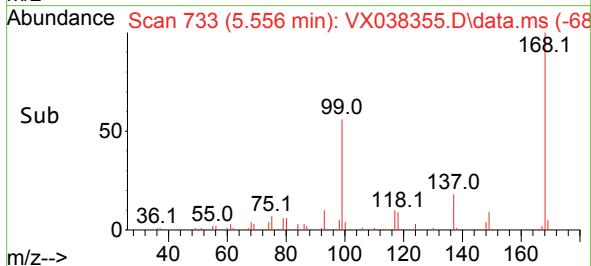
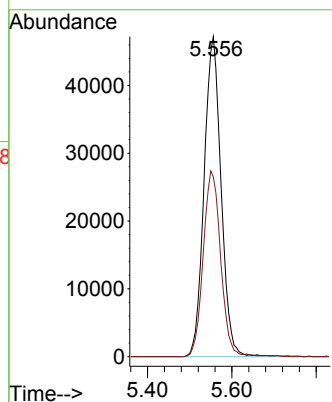


Tgt Ion:168 Resp: 132359

Ion Ratio Lower Upper

168 100

99 56.2 56.6 85.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX038355.D

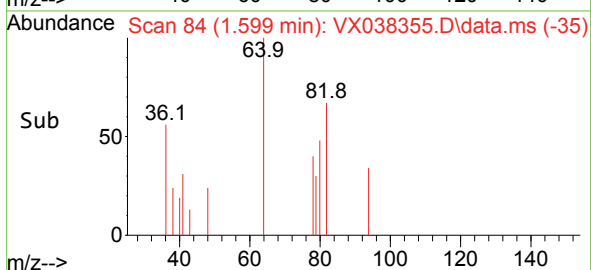
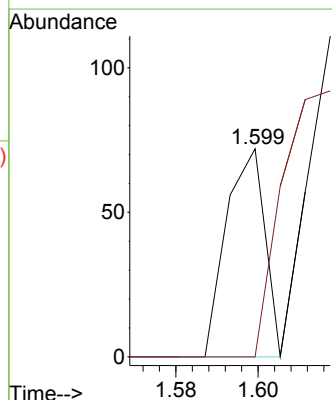
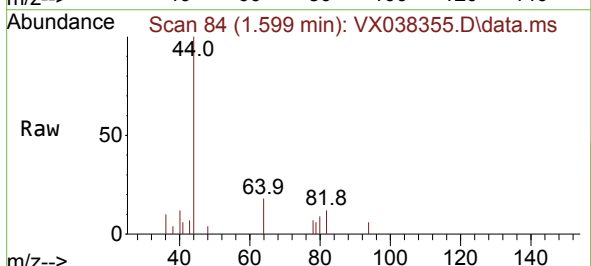
Acq: 18 Oct 2023 12:20

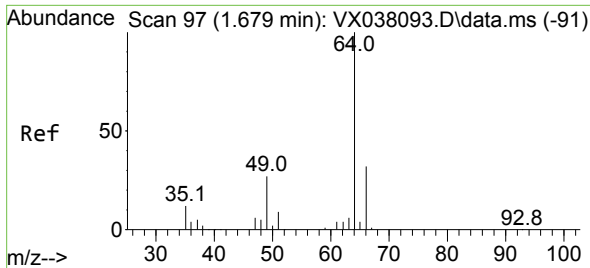
Tgt Ion: 94 Resp: 47

Ion Ratio Lower Upper

94 100

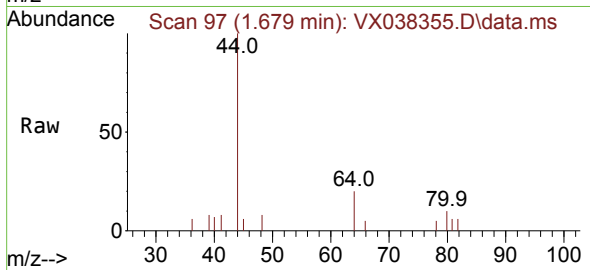
96 0.0 74.6 111.8#



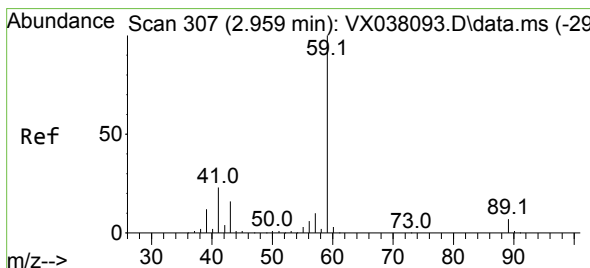
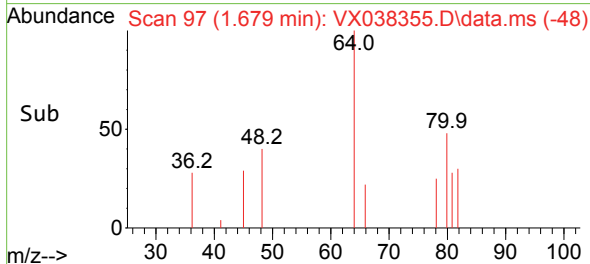
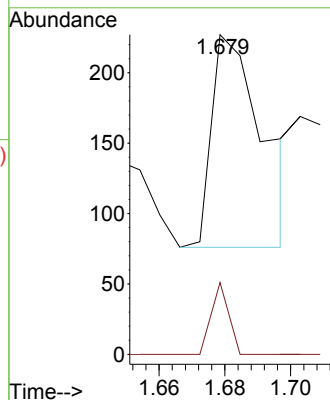


#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Instrument :
MSVOA_X
ClientSampleId :

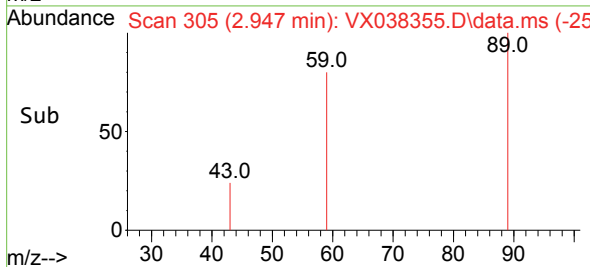
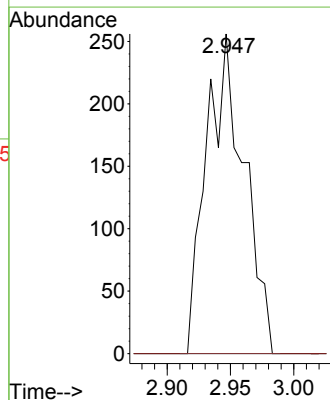
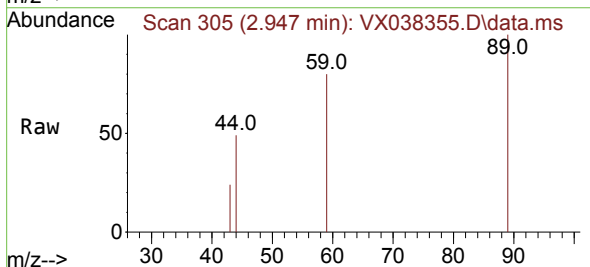


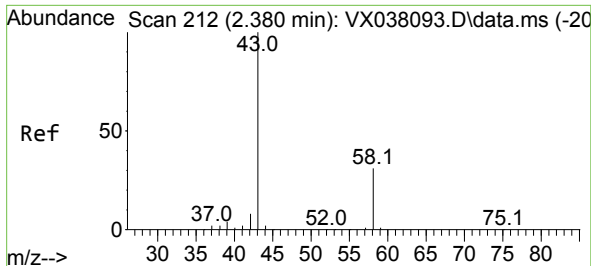
Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

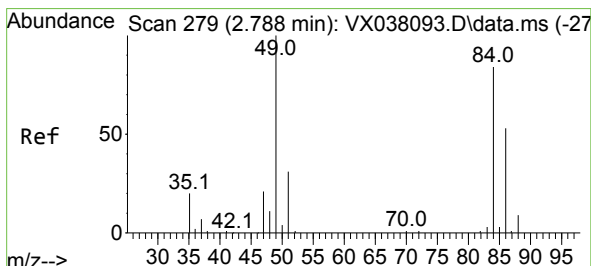
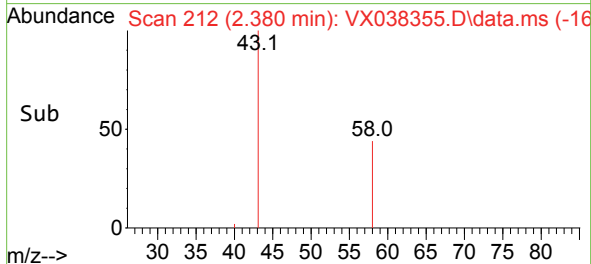
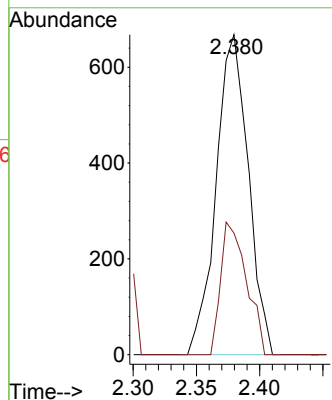
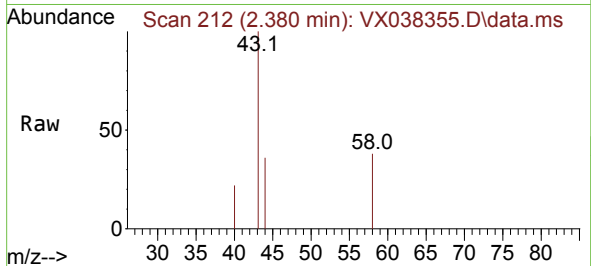




#16
Acetone
Concen: 1.327 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

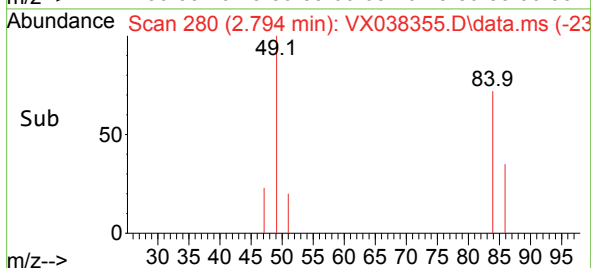
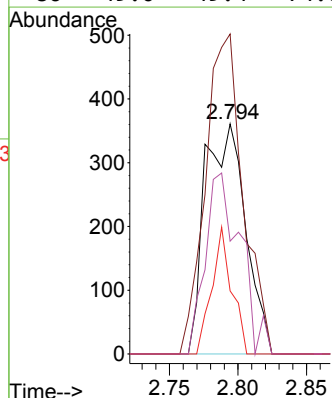
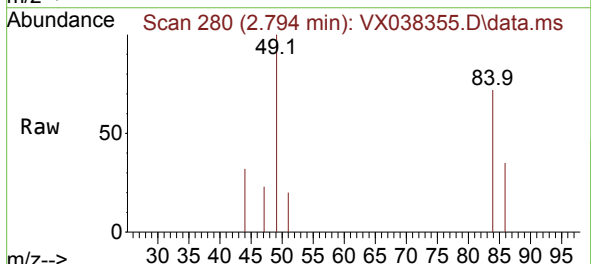
Instrument :
MSVOA_X
ClientSampleId :

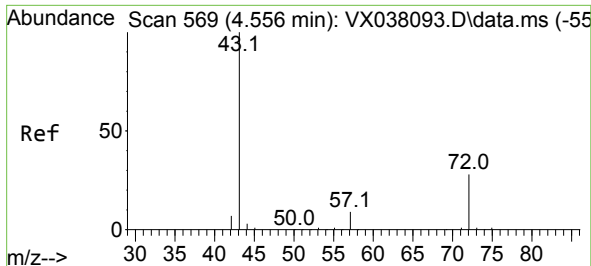
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 38.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 84 Resp: 744
Ion Ratio Lower Upper
84 100
49 139.1 103.6 155.4
51 27.4 33.8 50.6#
86 49.0 49.4 74.0#

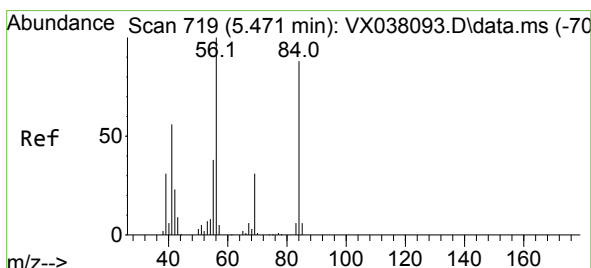
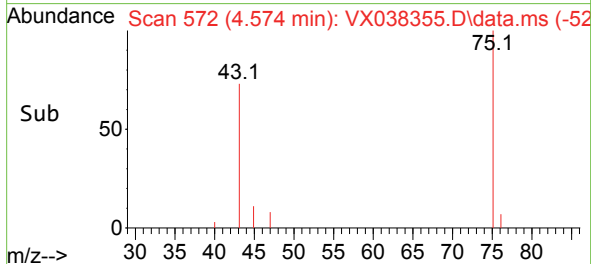
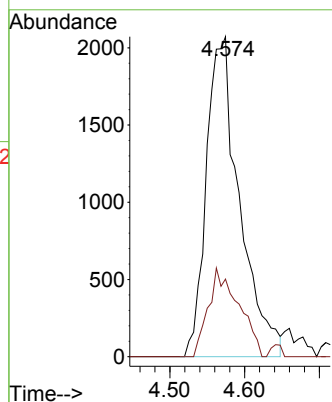
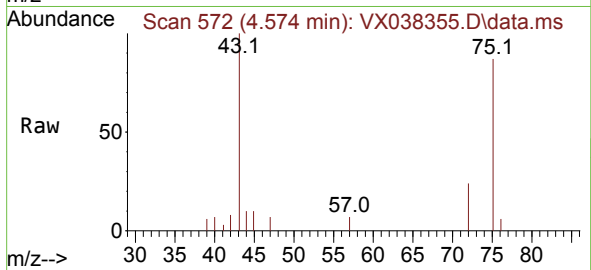




#25
2-Butanone
Concen: 4.443 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

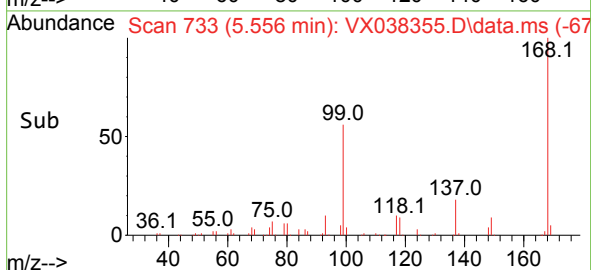
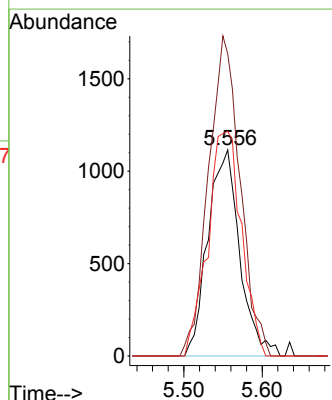
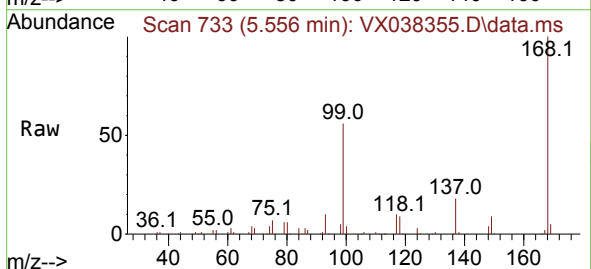
Instrument :
MSVOA_X
ClientSampleId :

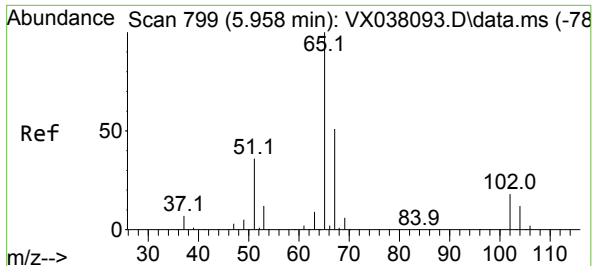
Tgt Ion: 43 Resp: 6369
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 56 Resp: 3158
Ion Ratio Lower Upper
56 100
69 146.6 23.4 35.2#
84 109.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.715 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038355.D

Acq: 18 Oct 2023 12:20

Instrument :

MSVOA_X

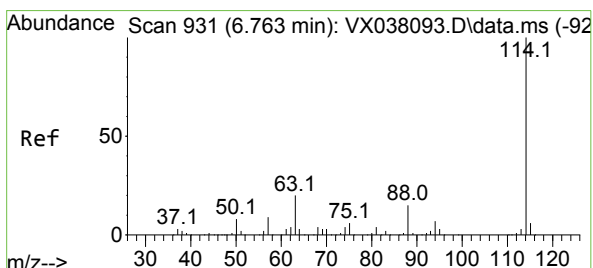
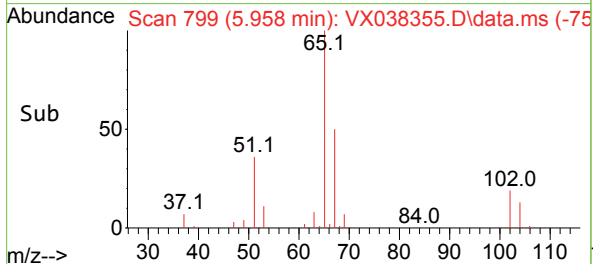
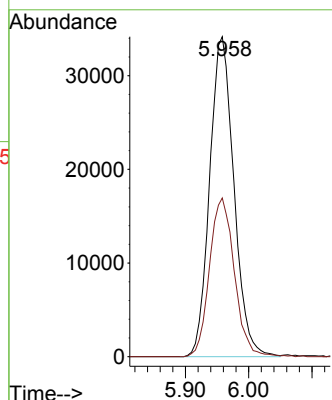
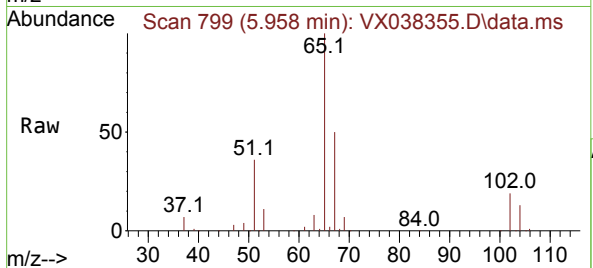
ClientSampleId :

Tgt Ion: 65 Resp: 90937

Ion Ratio Lower Upper

65 100

67 50.9 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: VX038355.D

Acq: 18 Oct 2023 12:20

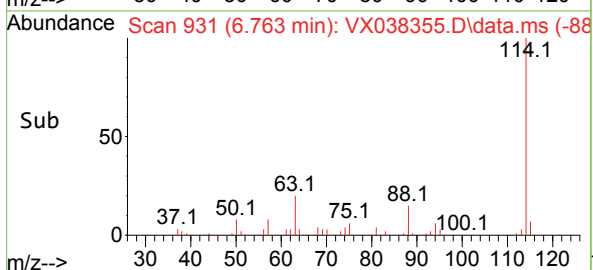
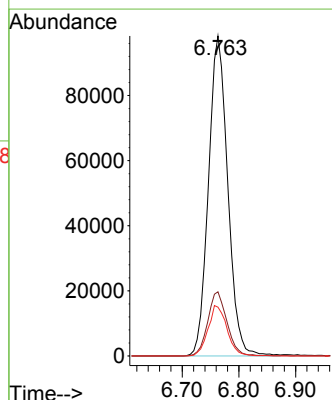
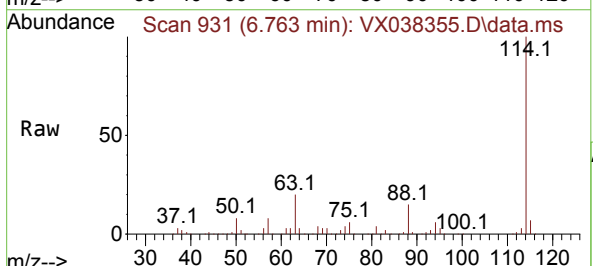
Tgt Ion:114 Resp: 232591

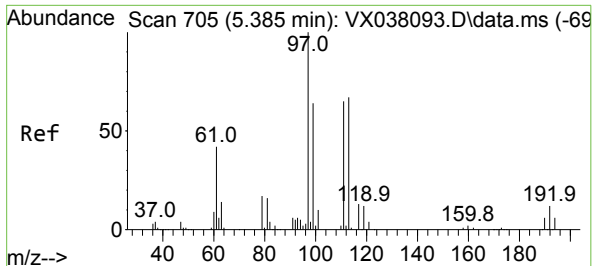
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

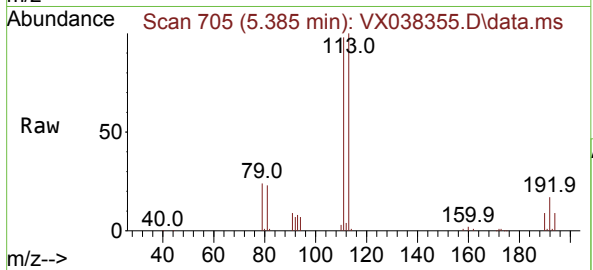
88 15.3 0.0 36.6



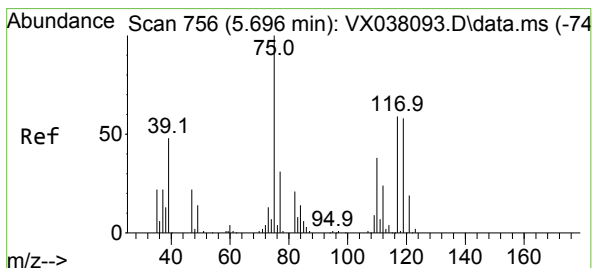
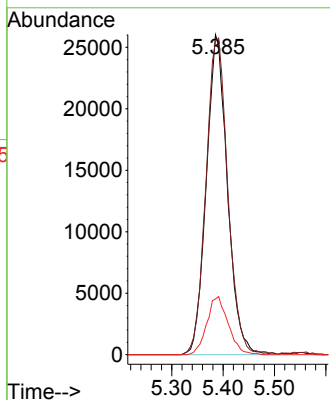
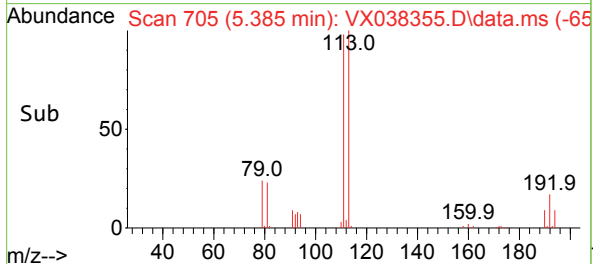


#35
Dibromofluoromethane
Concen: 44.254 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Instrument :
MSVOA_X
ClientSampleId :

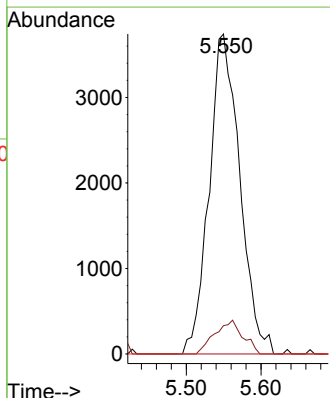
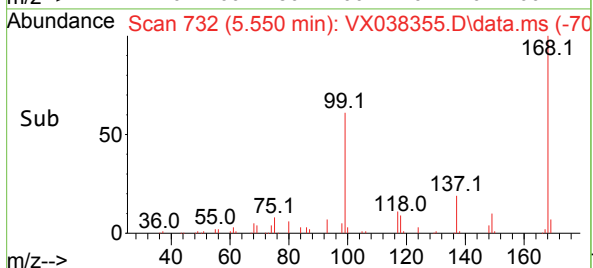
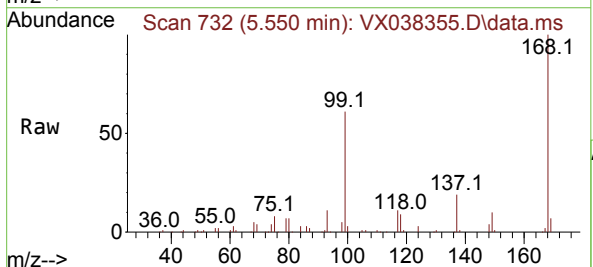


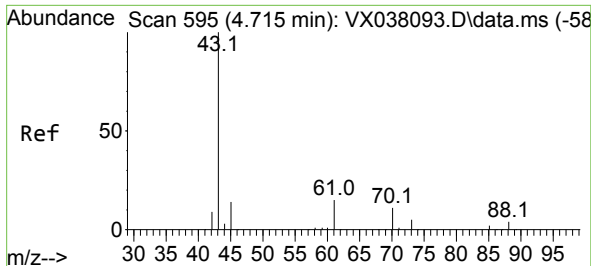
Tgt Ion:113 Resp: 74168
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 75 Resp: 10674
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.320 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.141 min

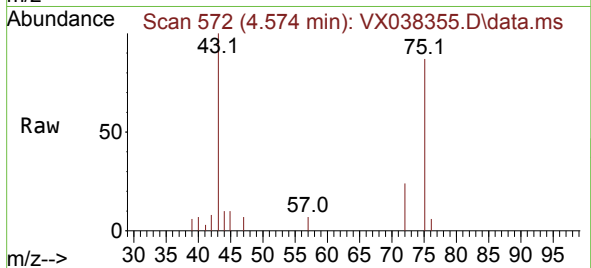
Lab File: VX038355.D

Acq: 18 Oct 2023 12:20

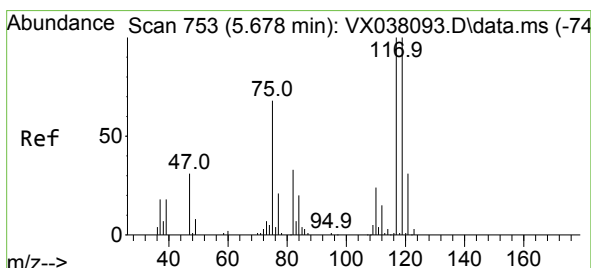
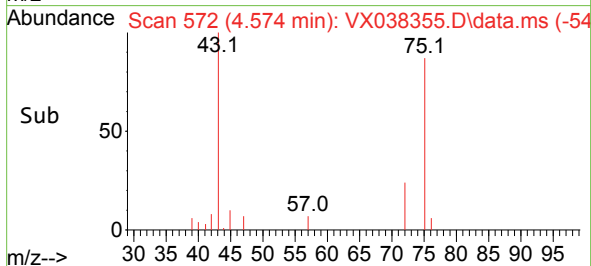
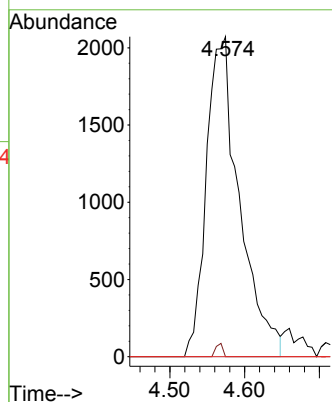
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 6369
Ion Ratio	Lower Upper
43	100
61	0.9 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.028 ug/l

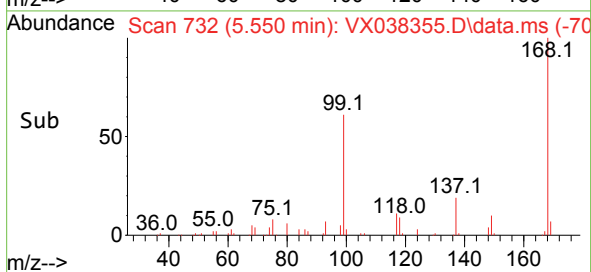
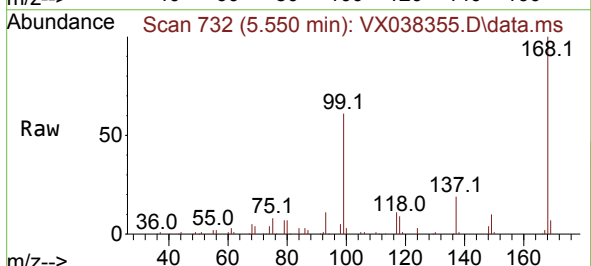
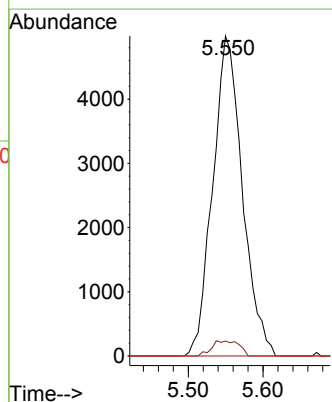
RT: 5.550 min Scan# 732

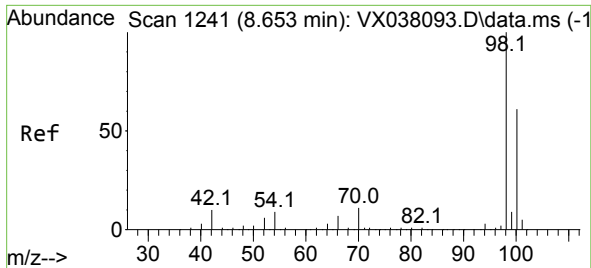
Delta R.T. -0.128 min

Lab File: VX038355.D

Acq: 18 Oct 2023 12:20

Tgt Ion: 117	Resp: 13706
Ion Ratio	Lower Upper
117	100
119	4.7 78.2 117.2#
121	0.0 24.4 36.6#

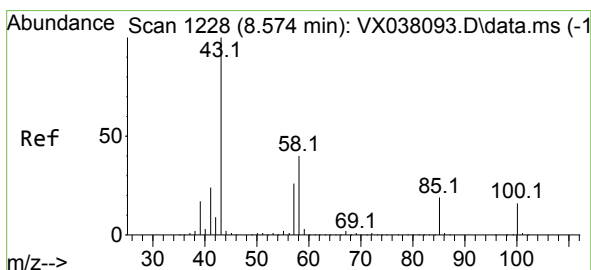
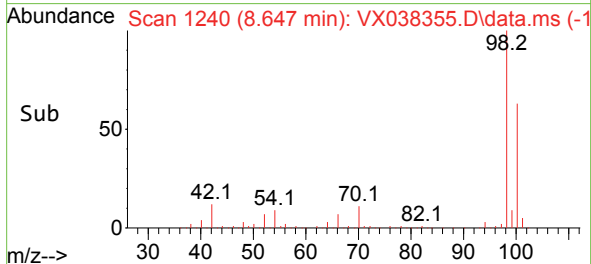
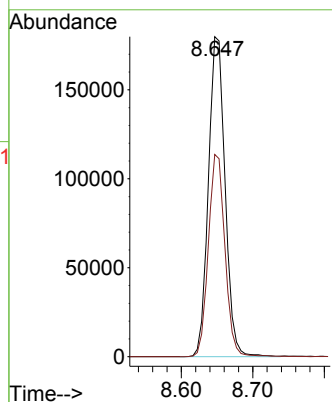
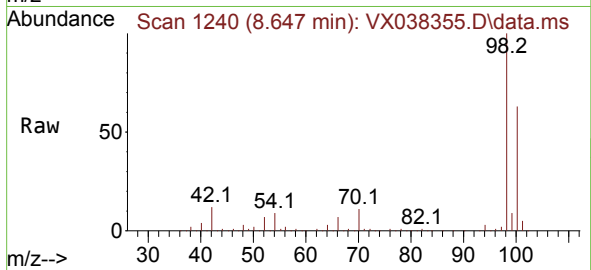




#50
Toluene-d8
Concen: 45.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

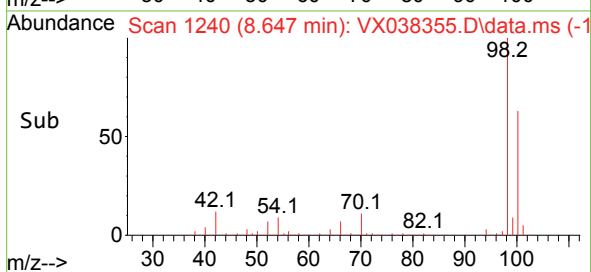
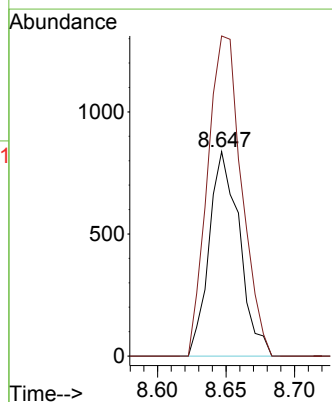
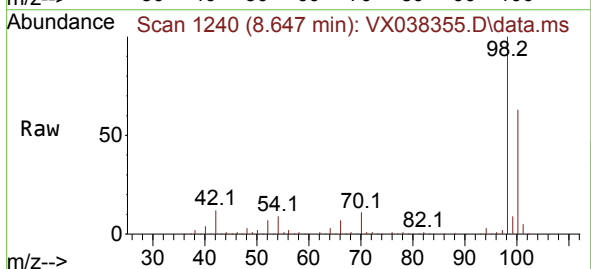
Instrument :
MSVOA_X
ClientSampleId :

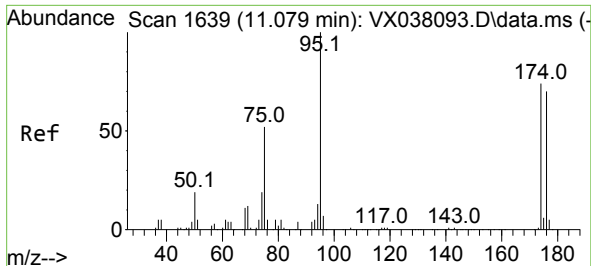
Tgt Ion: 98 Resp: 291166
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 175.9 30.4 45.6#

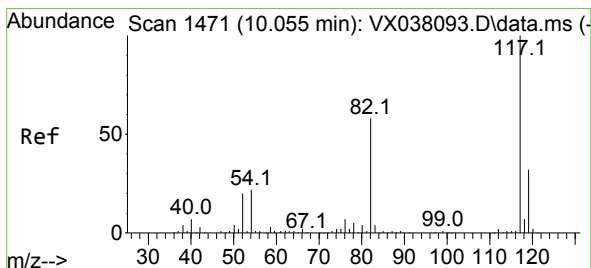
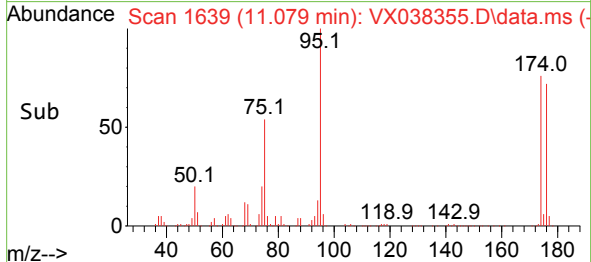
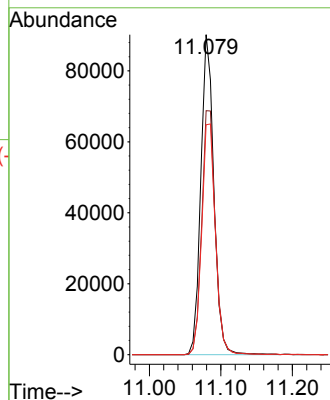
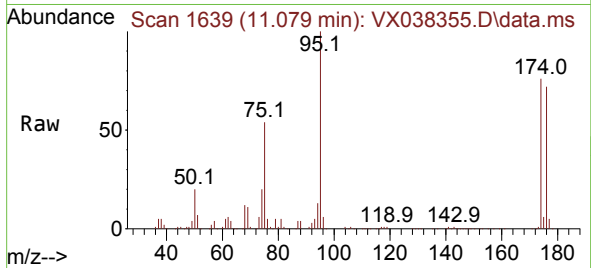




#62
4-Bromofluorobenzene
Concen: 46.779 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

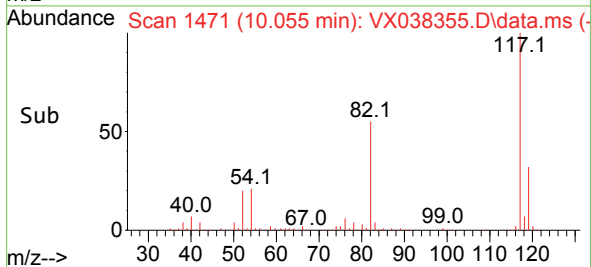
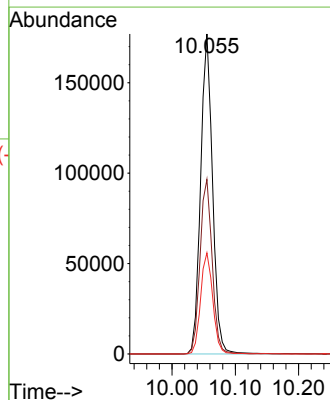
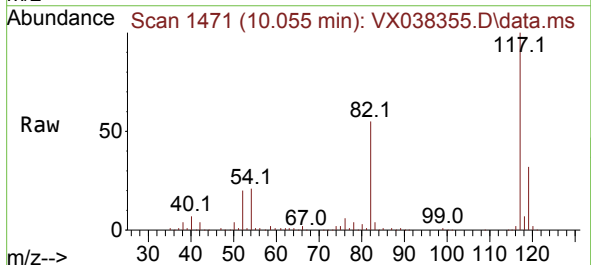
Instrument :
MSVOA_X
ClientSampleId :

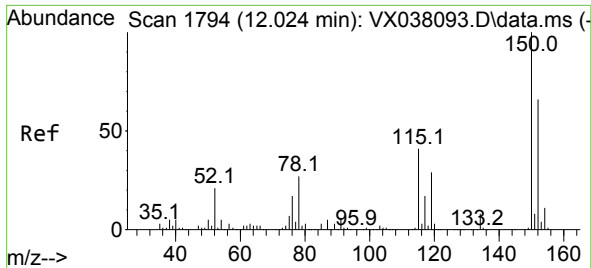
Tgt Ion: 95 Resp: 113576
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 76.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038355.D
Acq: 18 Oct 2023 12:20

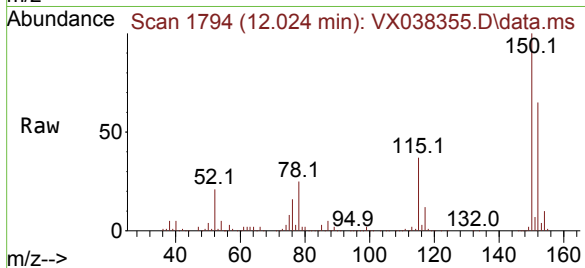
Tgt Ion: 117 Resp: 232350
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.6 25.5 38.3



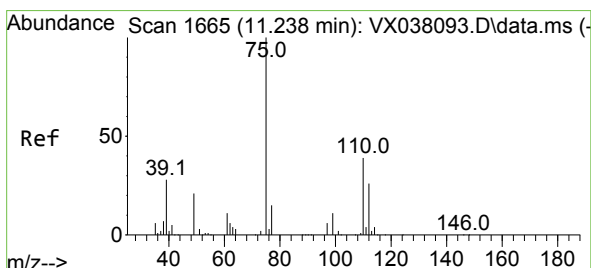
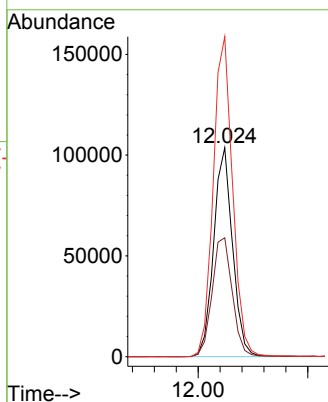
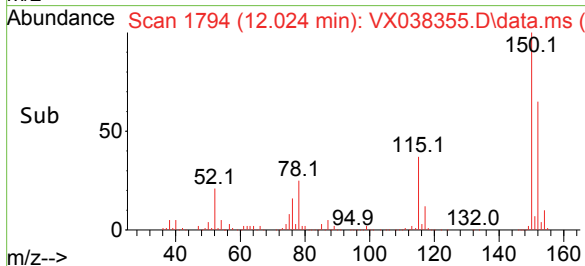


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038355.D
 Acq: 18 Oct 2023 12:20

Instrument :
 MSVOA_X
 ClientSampleId :

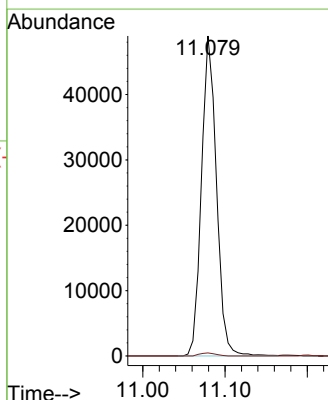
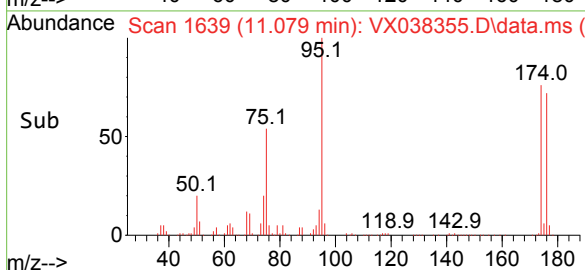
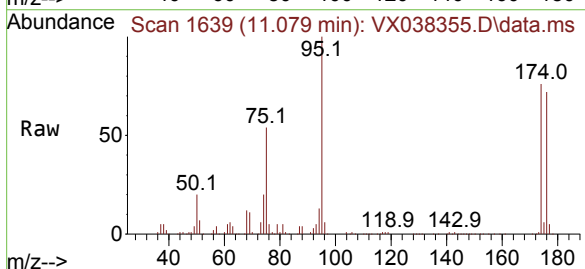


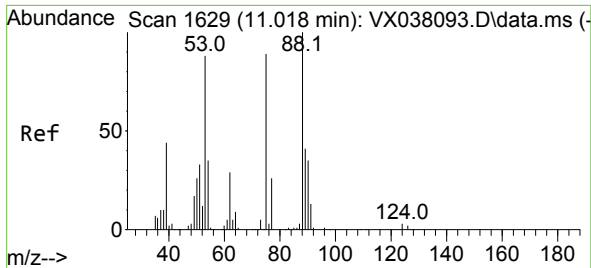
Tgt Ion:152 Resp: 124184
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 156.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.999 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038355.D
 Acq: 18 Oct 2023 12:20

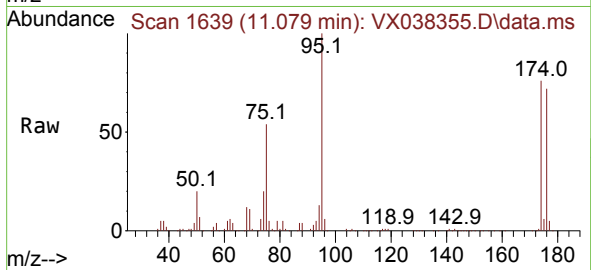
Tgt Ion: 75 Resp: 62107
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.088 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX038355.D
 Acq: 18 Oct 2023 12:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 62107
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

