

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038137.D
 Acq On : 06 Oct 2023 17:41
 Operator : JC/MD
 Sample : 04794-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 04:23:22 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)

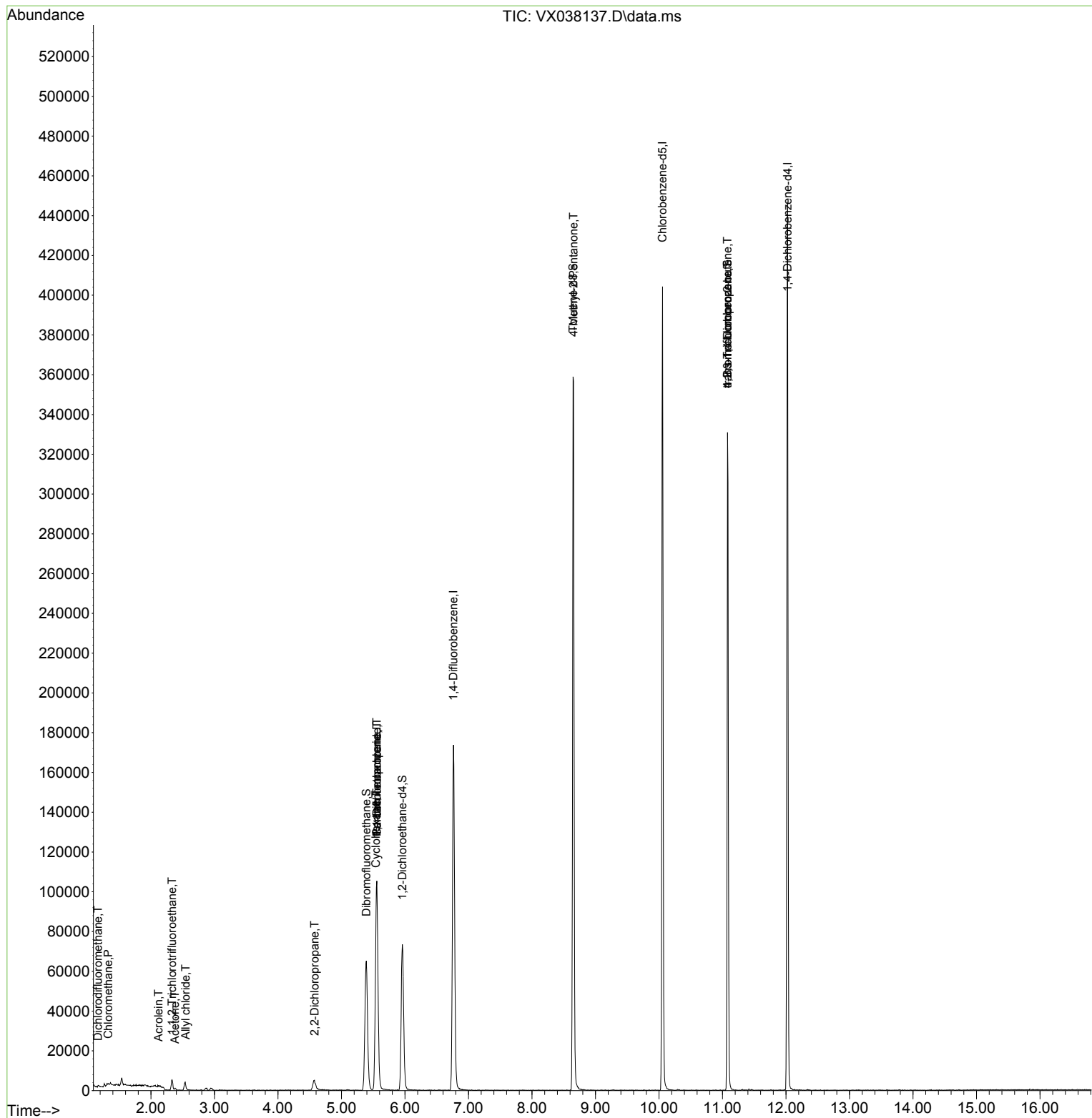
Internal Standards						
1) Pentafluorobenzene	5.556	168	98660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176645	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72125	45.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.391	113	55840	43.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.740%
50) Toluene-d8	8.647	98	222582	45.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.079	95	83111	45.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	209	0.219	ug/l #	41
3) Chloromethane	1.325	50	297	0.306	ug/l #	43
6) Chloroethane	1.679	64	147	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2096	2.259	ug/l	97
11) Tert butyl alcohol	2.941	59	803	Below Cal	#	78
13) Acrolein	2.118	56	46	0.204	ug/l #	14
14) Allyl chloride	2.544	41	499	0.309	ug/l #	55
16) Acetone	2.380	43	1122	1.694	ug/l	93
26) 2,2-Dichloropropane	4.574	77	349	0.218	ug/l #	54
31) Cyclohexane	5.544	56	2447	1.423	ug/l #	60
36) 1,1-Dichloropropene	5.556	75	8013	4.565	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10269	5.947	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	959	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47196	22.550	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47196	64.566	ug/l #	5

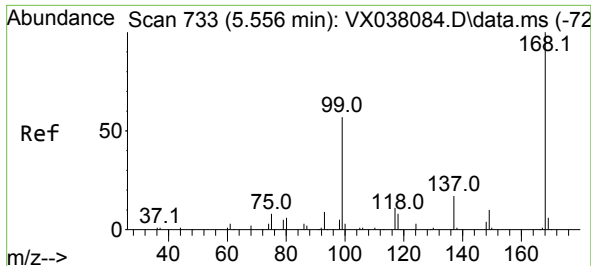
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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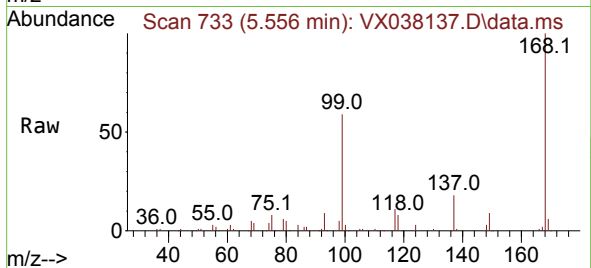
Quant Time: Oct 07 04:23:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



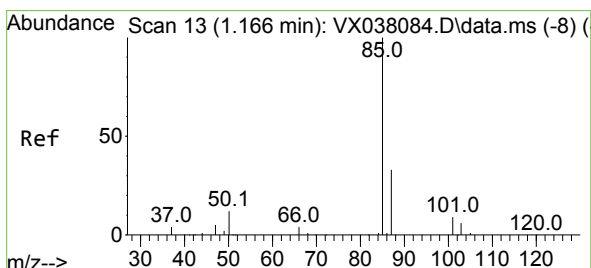
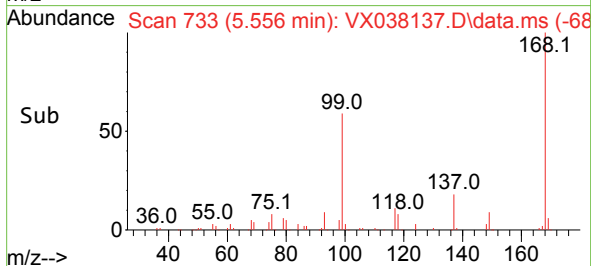
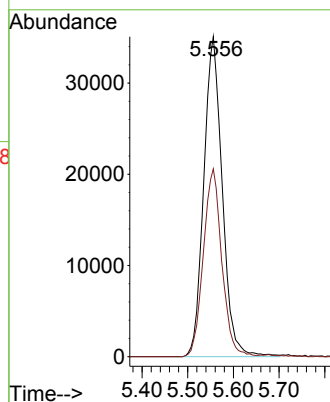


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :

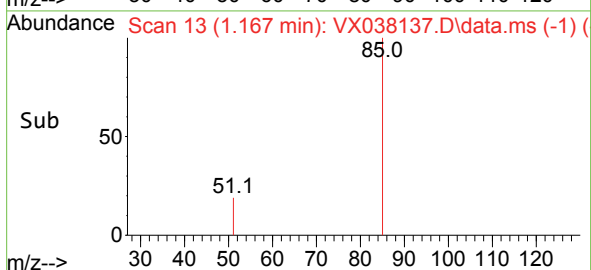
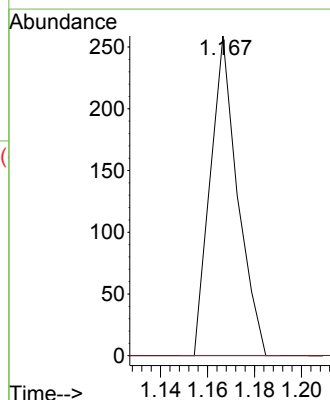
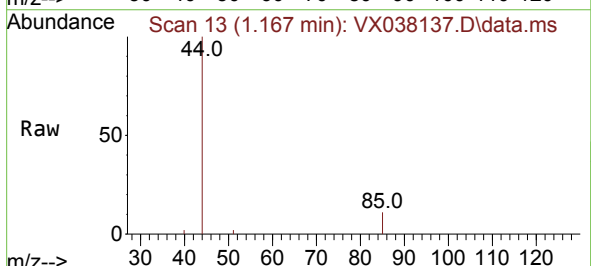


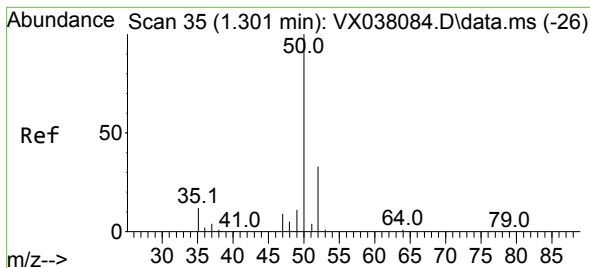
Tgt Ion:168 Resp: 98660
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.219 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 85 Resp: 209
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3

Chloromethane

Concen: 0.306 ug/l

RT: 1.325 min Scan# 39

Delta R.T. 0.024 min

Lab File: VX038137.D

Acq: 06 Oct 2023 17:41

Instrument :

MSVOA_X

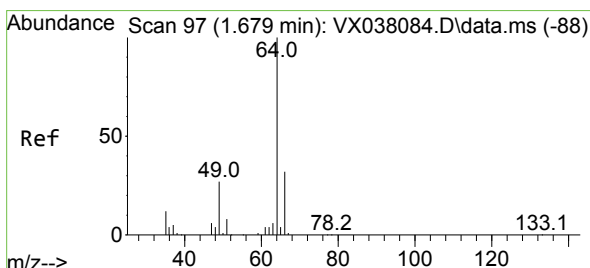
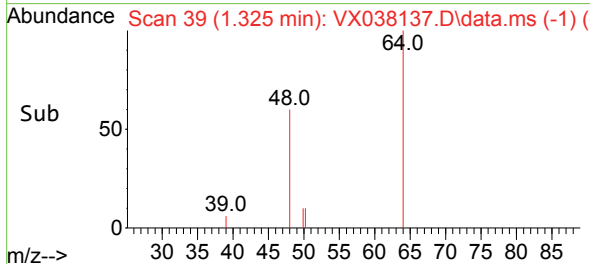
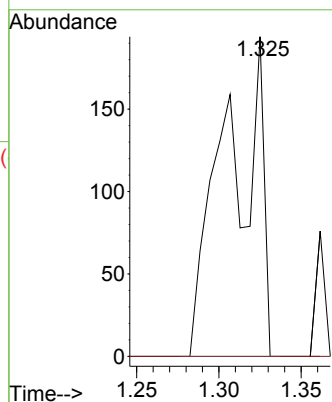
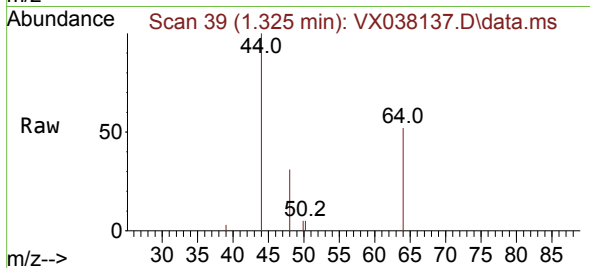
ClientSampleId :

Tgt Ion: 50 Resp: 297

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 97

Delta R.T. -0.000 min

Lab File: VX038137.D

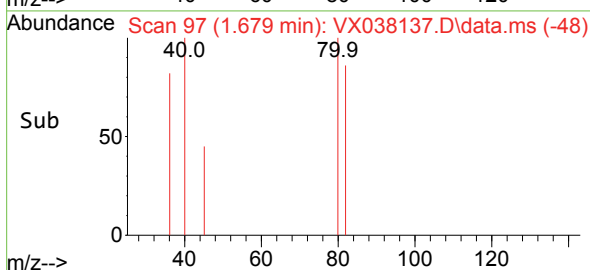
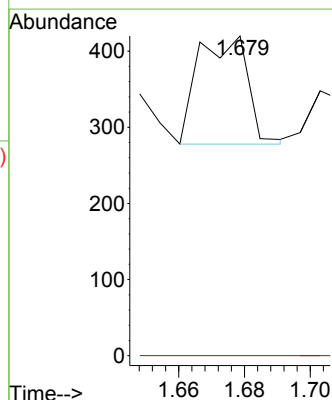
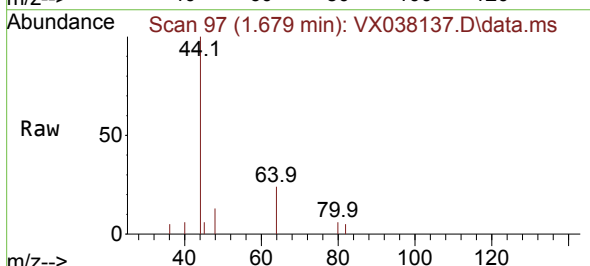
Acq: 06 Oct 2023 17:41

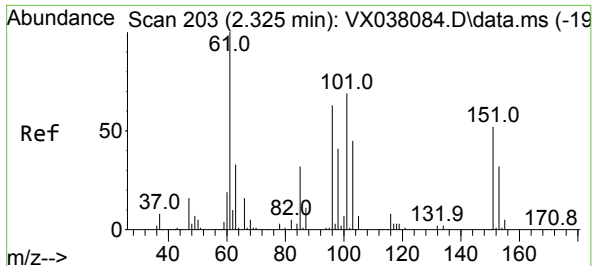
Tgt Ion: 64 Resp: 147

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

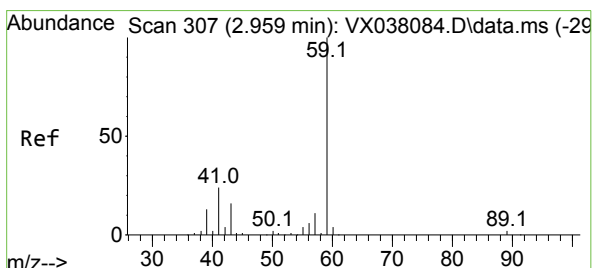
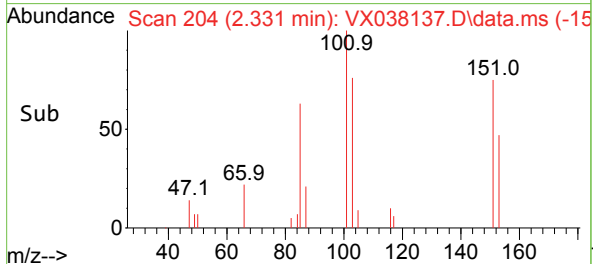
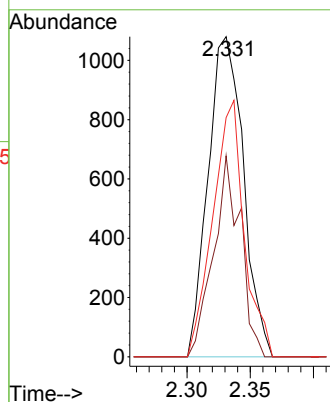
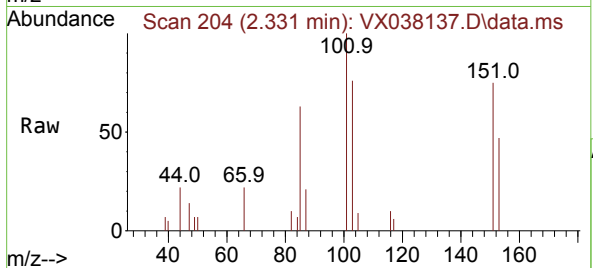




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.259 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

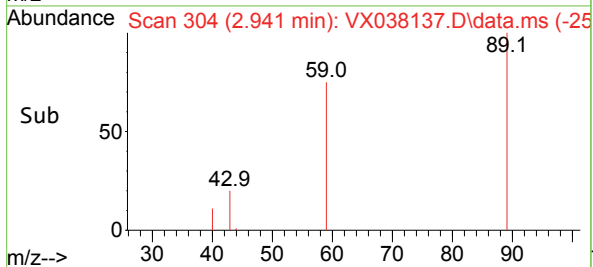
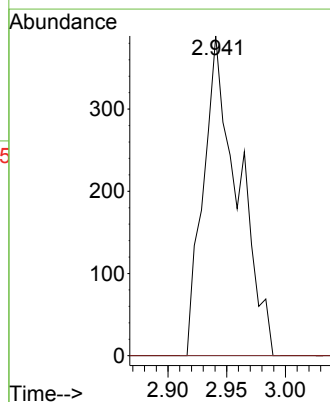
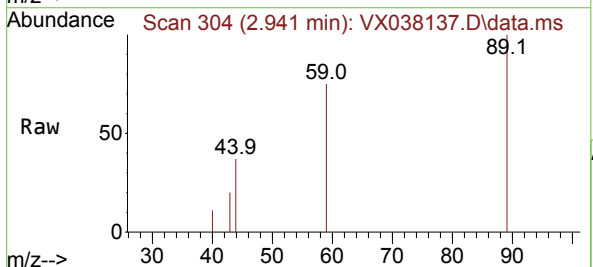
Instrument :
MSVOA_X
ClientSampleId :

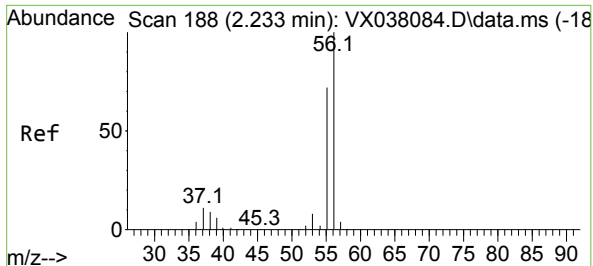
Tgt Ion:101 Resp: 2096
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 70.9 58.6 87.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.204 ug/l

RT: 2.118 min Scan# 1

Delta R.T. -0.115 min

Lab File: VX038137.D

Acq: 06 Oct 2023 17:41

Instrument :

MSVOA_X

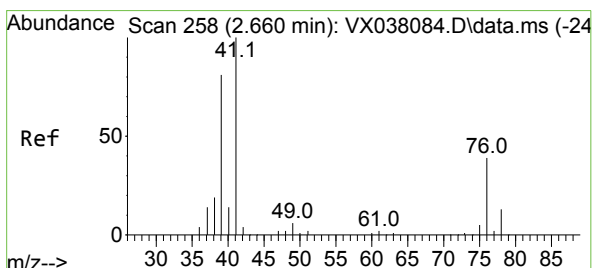
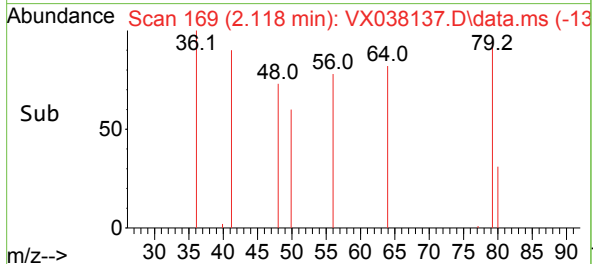
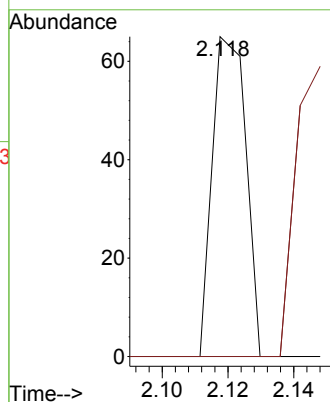
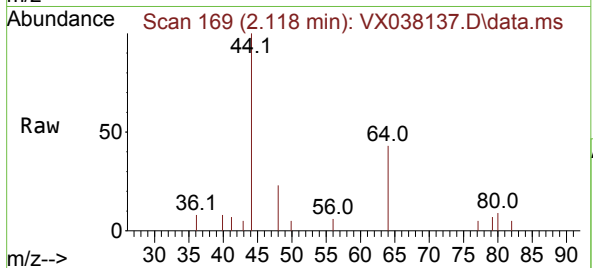
ClientSampleId :

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 0.309 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.116 min

Lab File: VX038137.D

Acq: 06 Oct 2023 17:41

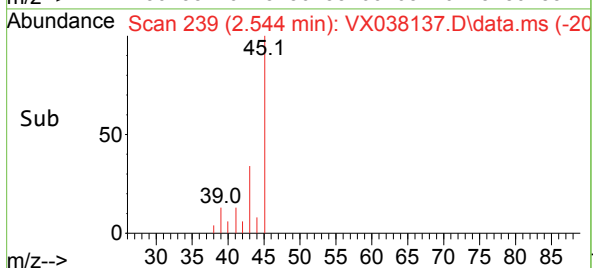
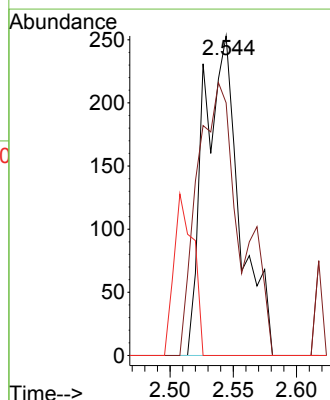
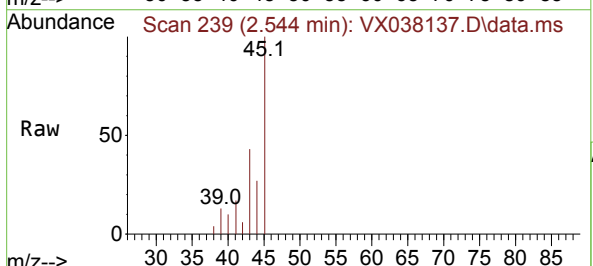
Tgt Ion: 41 Resp: 499

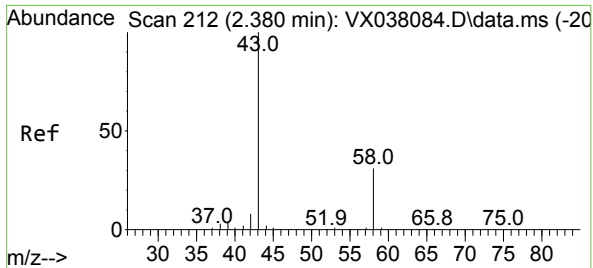
Ion Ratio Lower Upper

41 100

39 103.0 55.8 83.6#

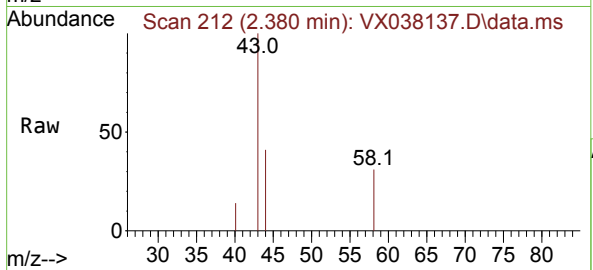
76 0.0 24.3 36.5#



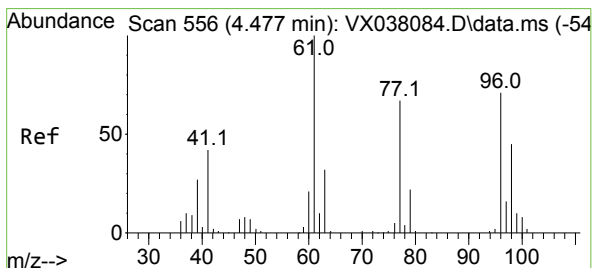
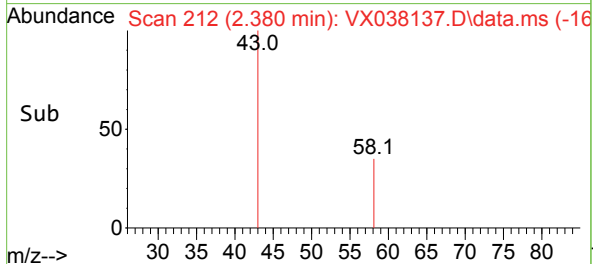
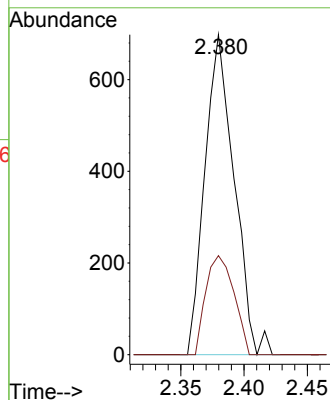


#16
Acetone
Concen: 1.694 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :

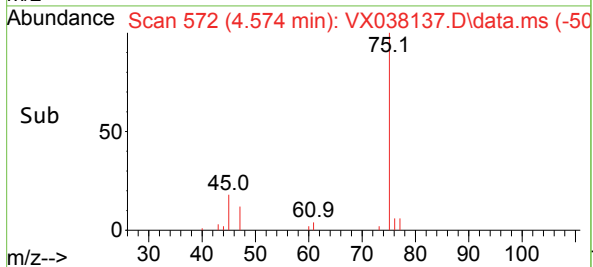
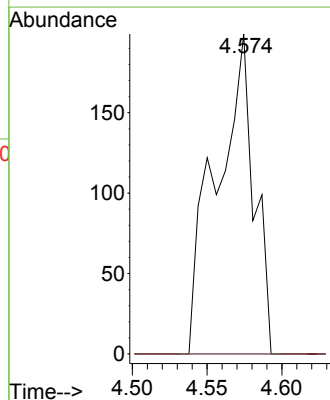
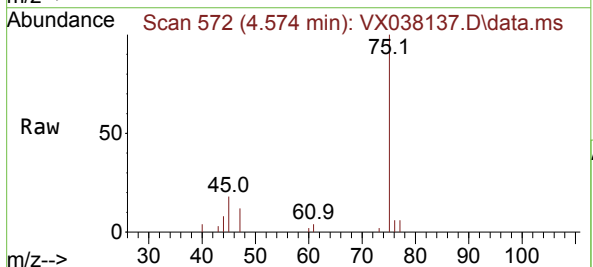


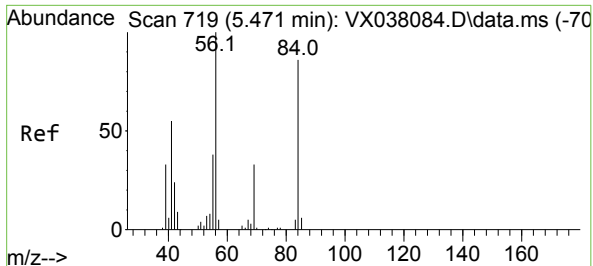
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 0.218 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

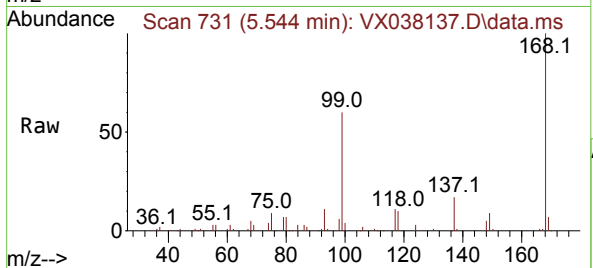
Tgt Ion: 77 Resp: 349
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



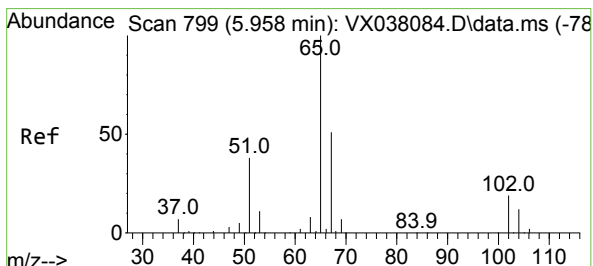
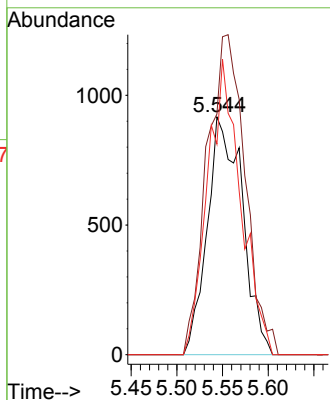
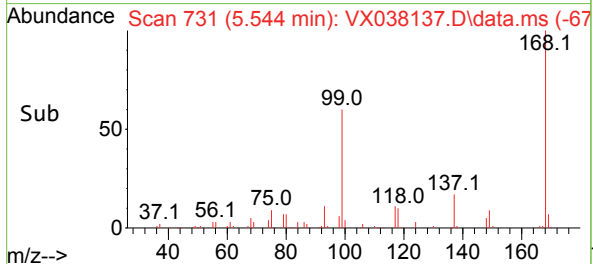


#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :

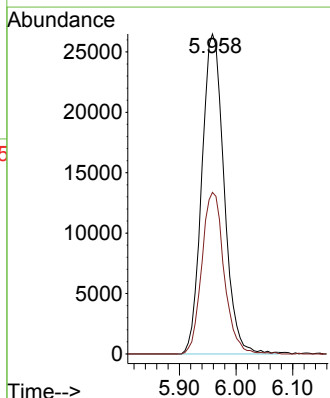
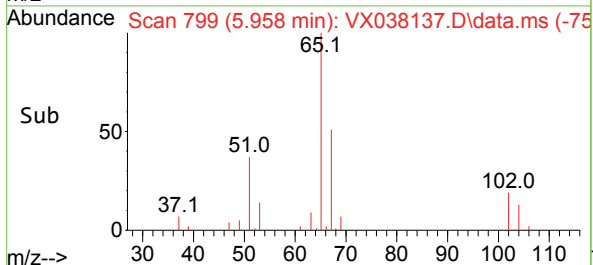
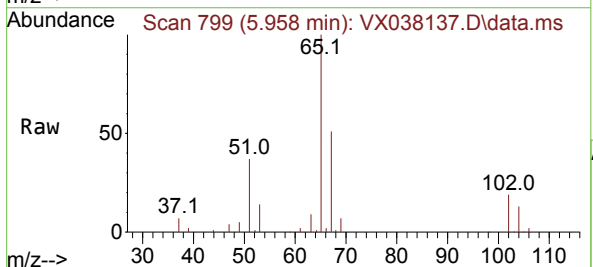


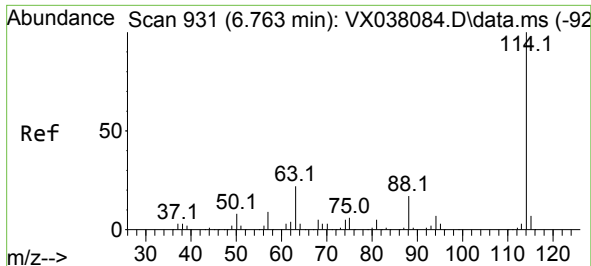
Tgt Ion: 56 Resp: 2447
Ion Ratio Lower Upper
56 100
69 101.2 23.4 35.2#
84 88.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.451 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 65 Resp: 72125
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

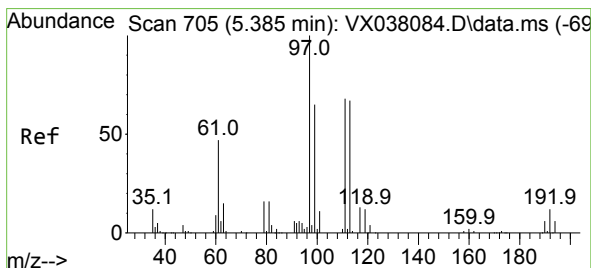
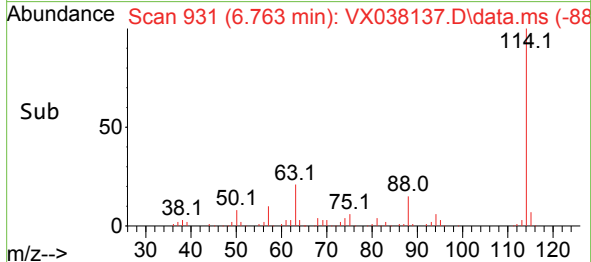
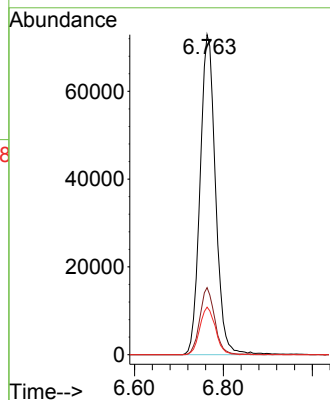
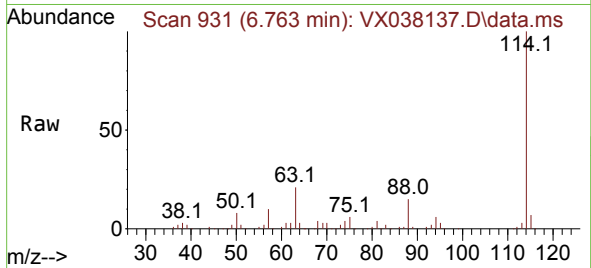




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

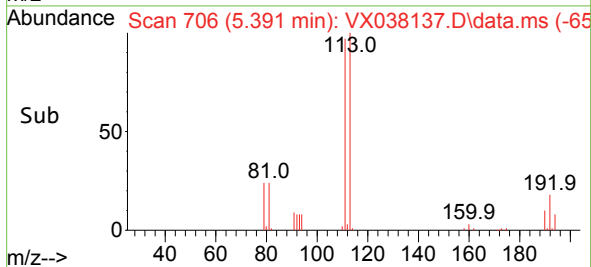
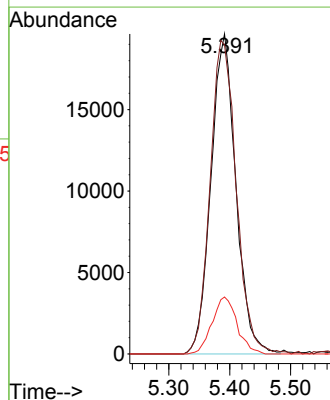
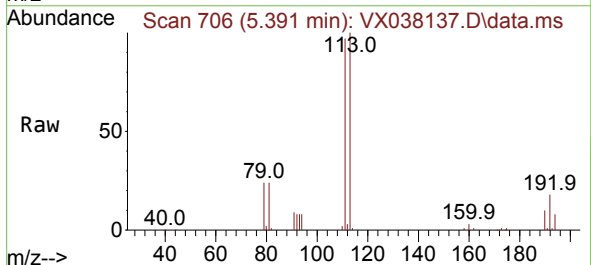
Instrument :
MSVOA_X
ClientSampleId :

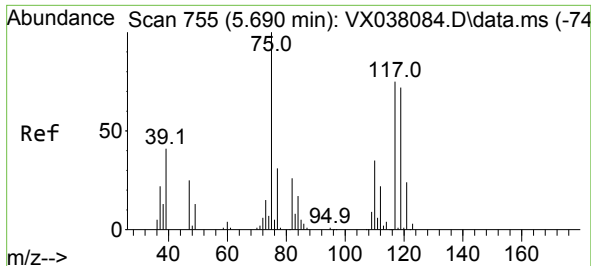
Tgt Ion:114 Resp: 176645
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.870 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

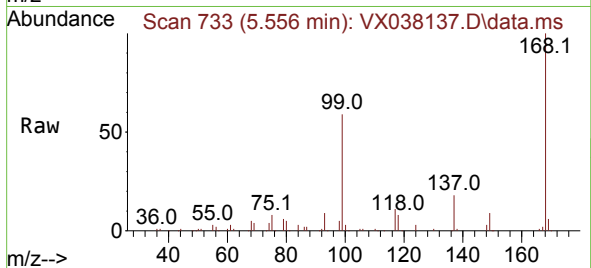
Tgt Ion:113 Resp: 55840
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.9 13.3 19.9



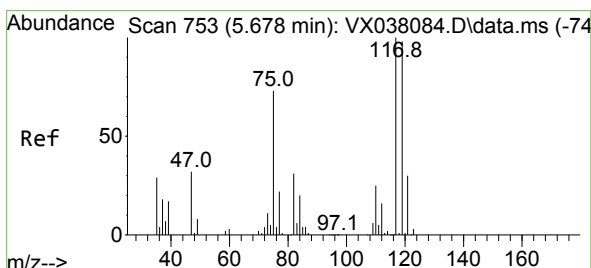
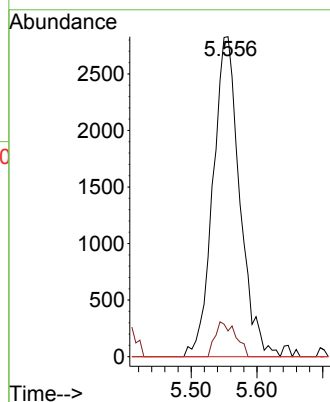
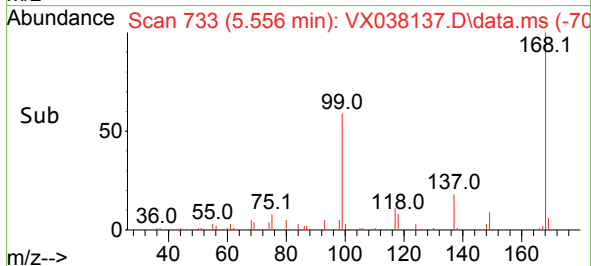


#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :

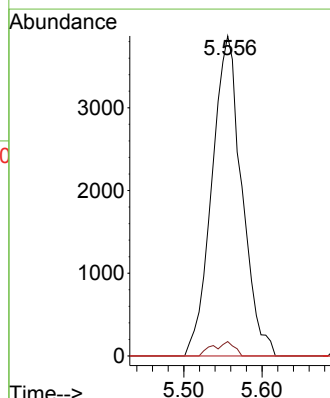
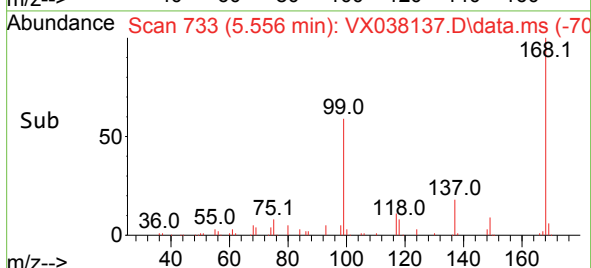
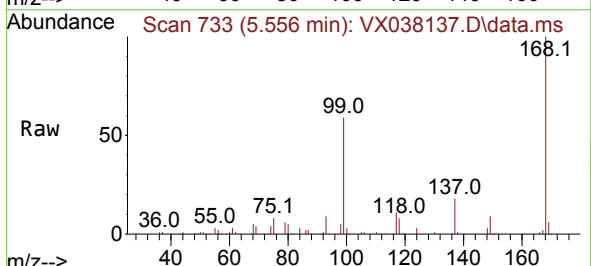


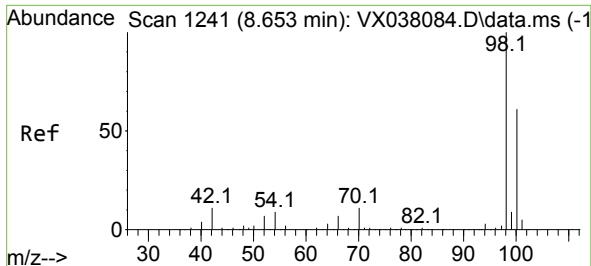
Tgt Ion: 75 Resp: 8013
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.947 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 117 Resp: 10269
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

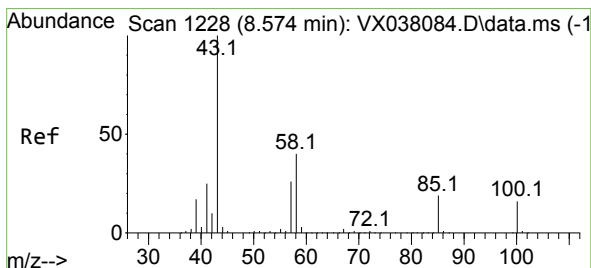
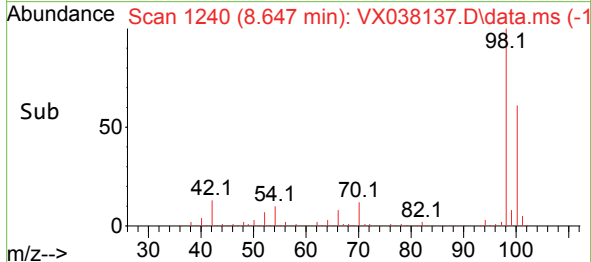
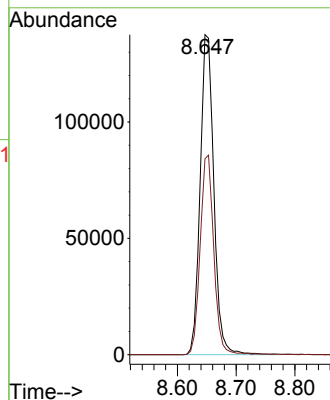
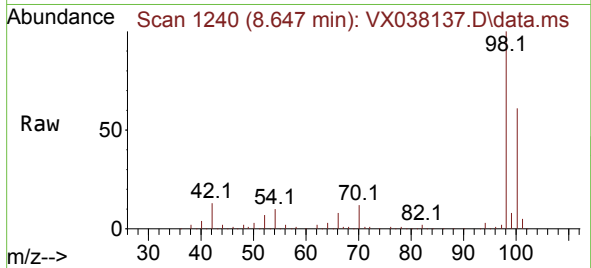




#50
Toluene-d8
Concen: 45.763 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

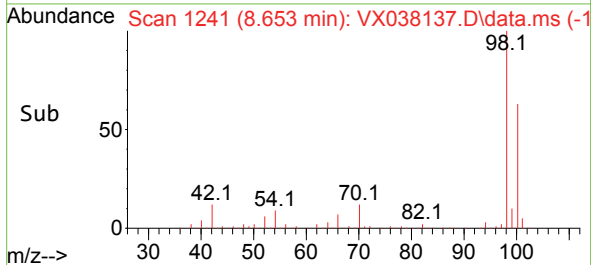
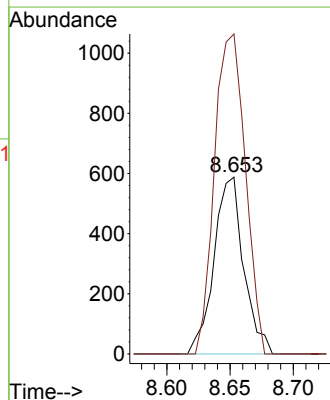
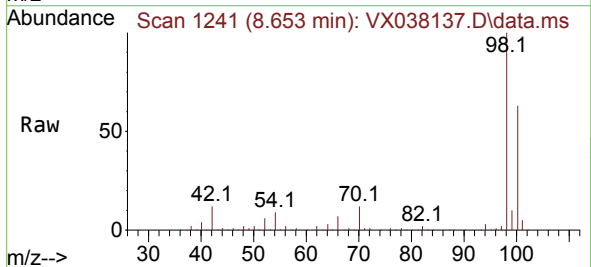
Instrument :
MSVOA_X
ClientSampleId :

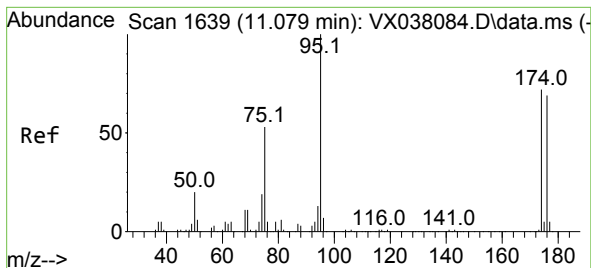
Tgt Ion: 98 Resp: 222582
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 188.0 30.4 45.6#

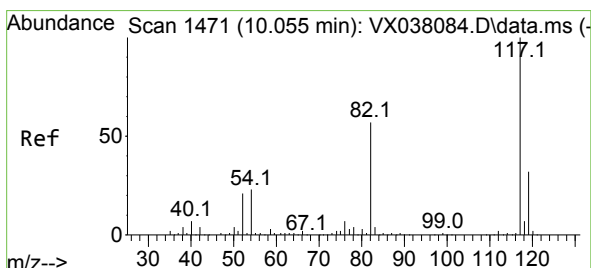
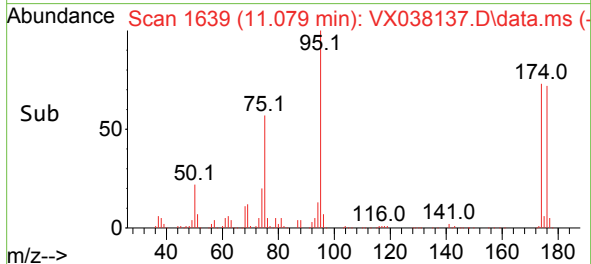
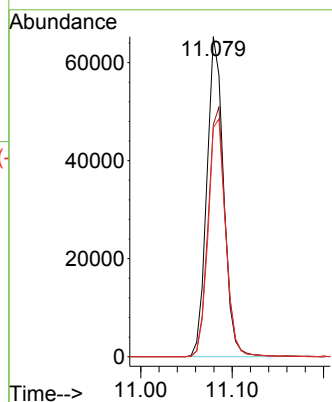
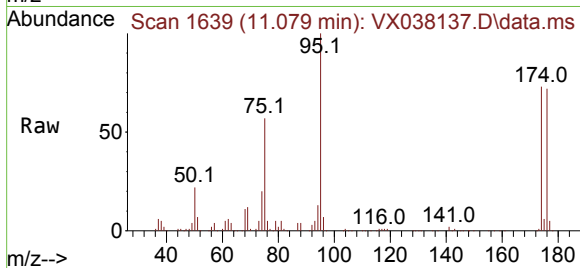




#62
4-Bromofluorobenzene
Concen: 45.073 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

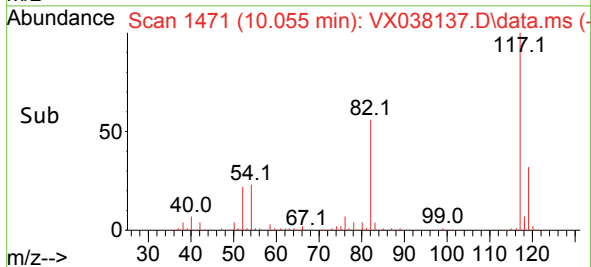
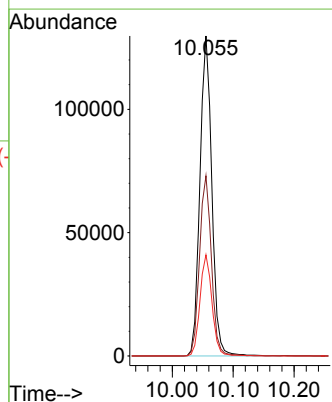
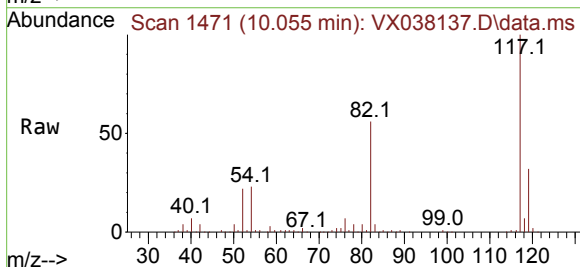
Instrument :
MSVOA_X
ClientSampleId :

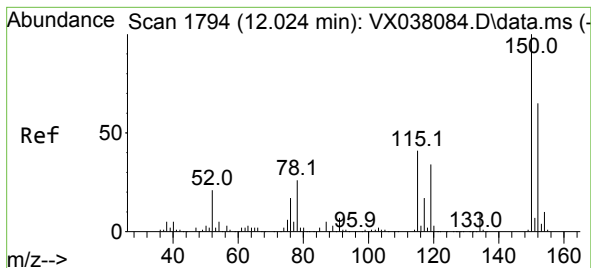
Tgt Ion: 95 Resp: 83111
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 77.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038137.D
Acq: 06 Oct 2023 17:41

Tgt Ion: 117 Resp: 176015
Ion Ratio Lower Upper
117 100
82 56.3 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# 1

Delta R.T. 0.000 min

Lab File: VX038137.D

Acq: 06 Oct 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

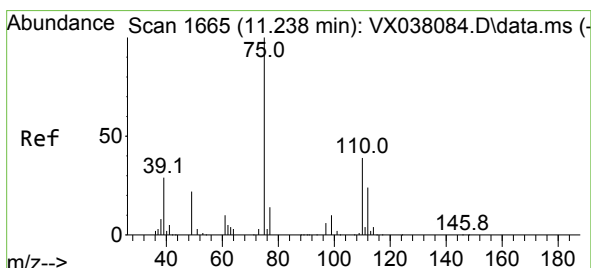
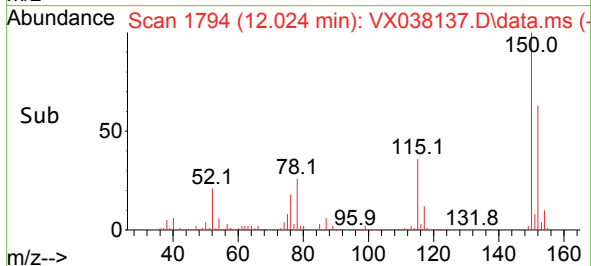
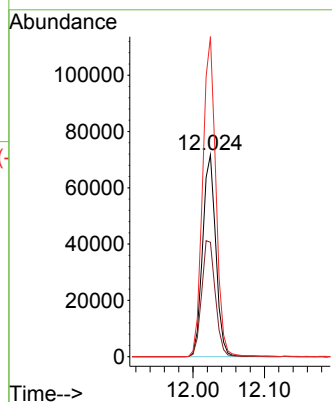
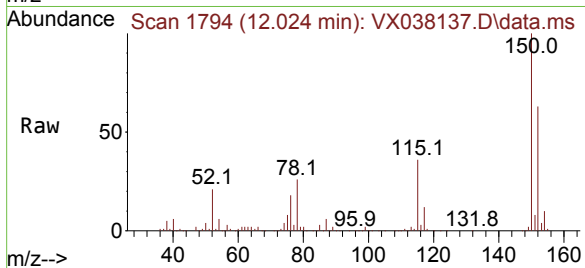
Tgt Ion:152 Resp: 92064

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 157.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.550 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038137.D

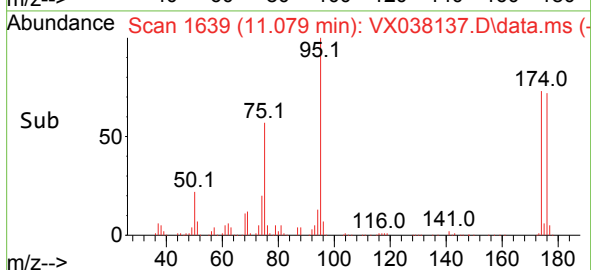
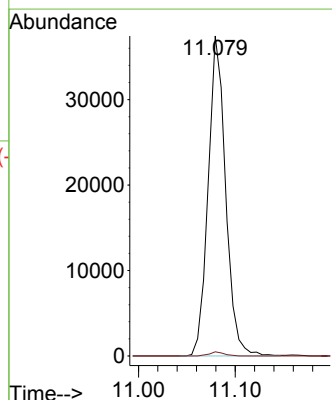
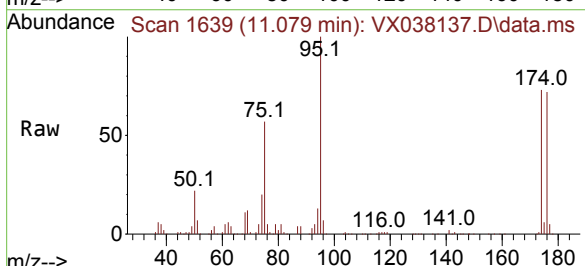
Acq: 06 Oct 2023 17:41

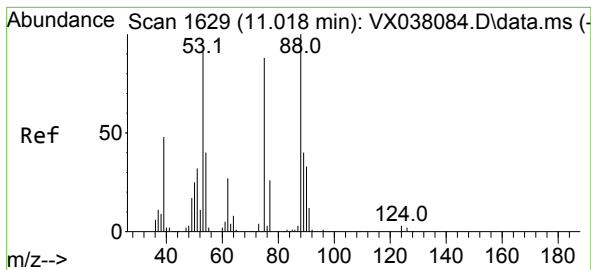
Tgt Ion: 75 Resp: 47196

Ion Ratio Lower Upper

75 100

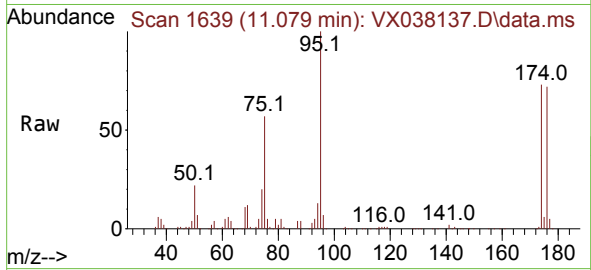
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.566 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038137.D
 Acq: 06 Oct 2023 17:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47196
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

