

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038138.D
 Acq On : 06 Oct 2023 18:04
 Operator : JC/MD
 Sample : 04794-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 04:23:45 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)

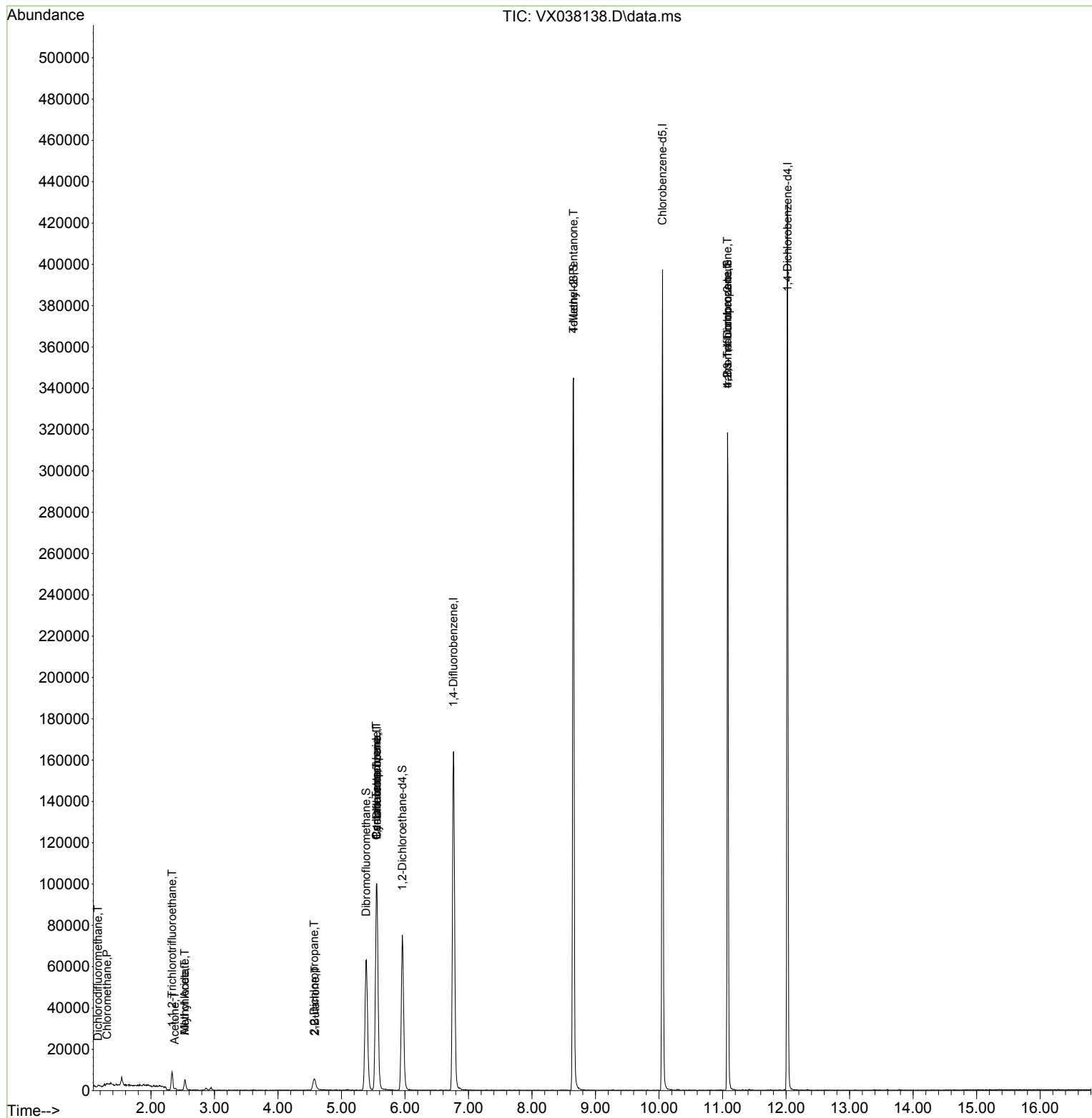
Internal Standards						
1) Pentafluorobenzene	5.556	168	94892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	168097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69703	45.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.340%
35) Dibromofluoromethane	5.385	113	53768	44.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.780%
50) Toluene-d8	8.653	98	212665	45.947	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.079	95	79551	45.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	307	0.335	ug/l	84
3) Chloromethane	1.307	50	325	0.348	ug/l	90
5) Bromomethane	1.837	94	41	Below Cal	#	3
6) Chloroethane	1.660	64	267	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	3621	4.057	ug/l	99
11) Tert butyl alcohol	2.947	59	799	Below Cal	#	78
14) Allyl chloride	2.532	41	526	0.339	ug/l	# 24
16) Acetone	2.373	43	969	1.521	ug/l	# 82
18) Methyl Acetate	2.532	43	1844	0.675	ug/l	# 53
25) 2-Butanone	4.586	43	377	0.367	ug/l	# 51
26) 2,2-Dichloropropane	4.568	77	358	0.232	ug/l	# 54
31) Cyclohexane	5.556	56	2404	1.454	ug/l	# 11
36) 1,1-Dichloropropene	5.556	75	7996	4.787	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	10253	6.240	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1011	0.495	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	45164	22.292	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45164	63.874	ug/l	# 5

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

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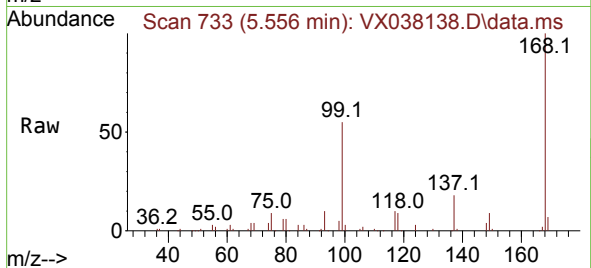
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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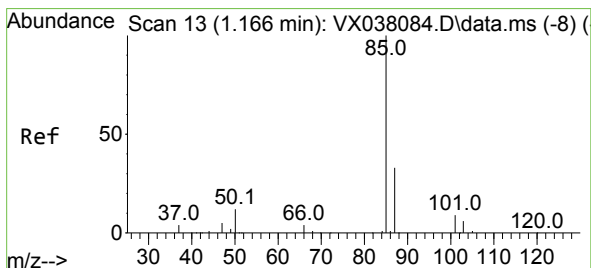
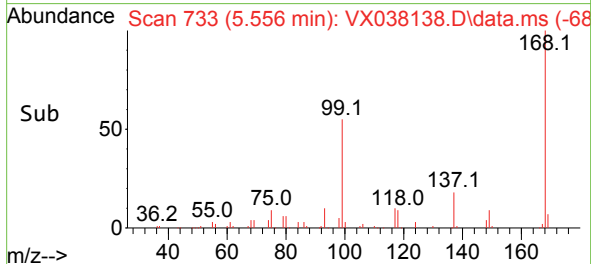
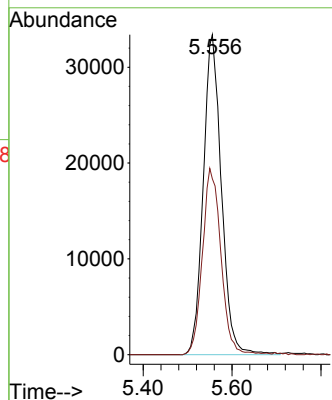


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

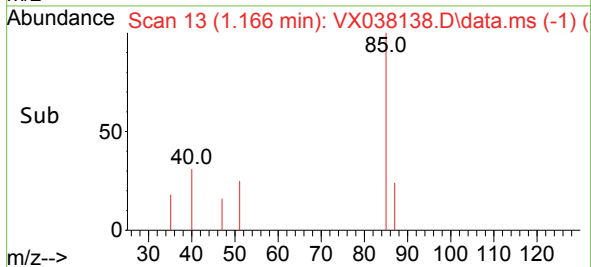
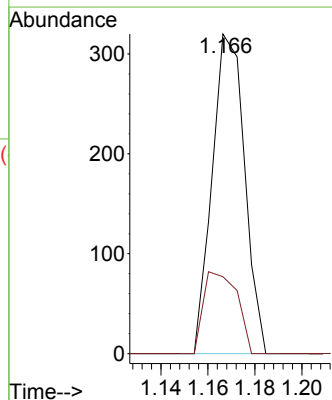
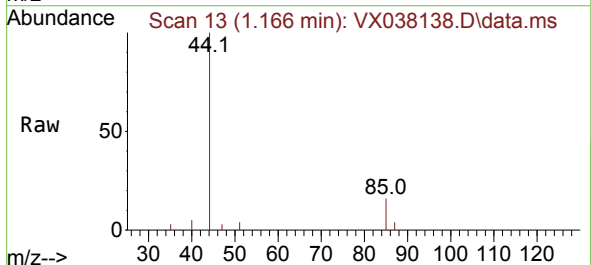


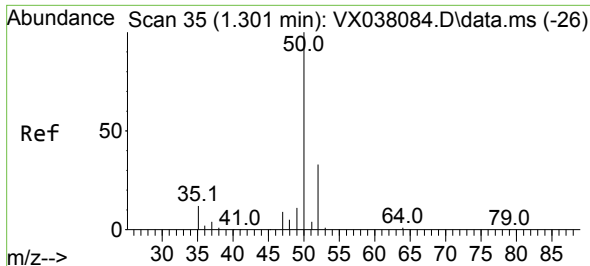
Tgt Ion:168 Resp: 94892
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.335 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

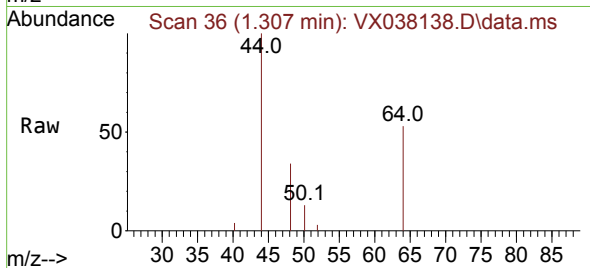
Tgt Ion: 85 Resp: 307
Ion Ratio Lower Upper
85 100
87 24.1 16.7 50.1



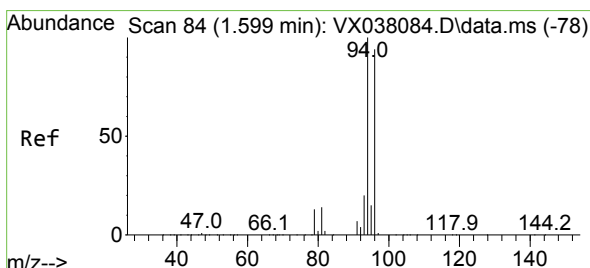
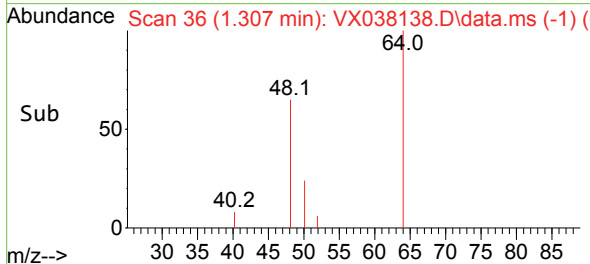
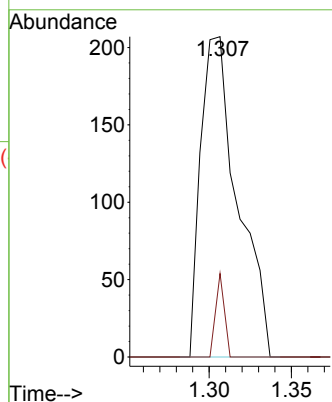


#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

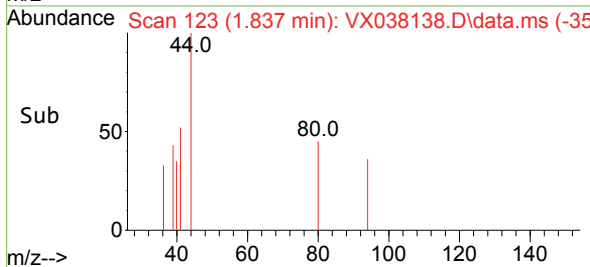
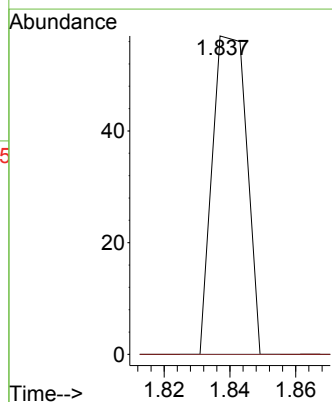
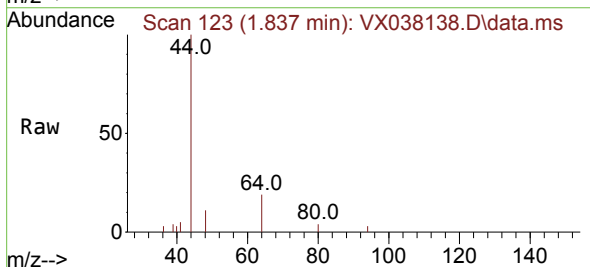


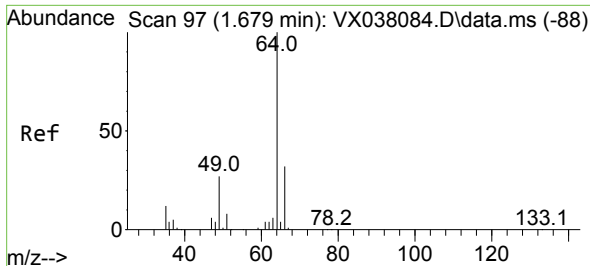
Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 26.1 25.5 38.3



#5
Bromomethane
Concen: Below Cal
RT: 1.837 min Scan# 123
Delta R.T. 0.238 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 94 Resp: 41
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

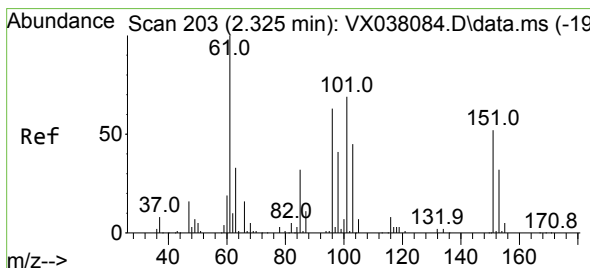
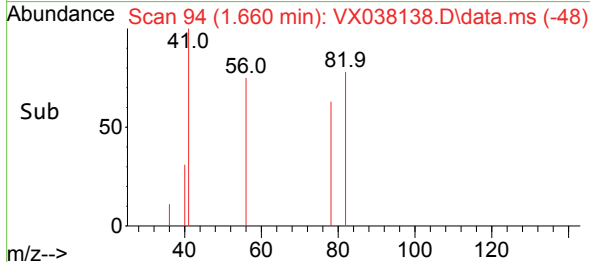
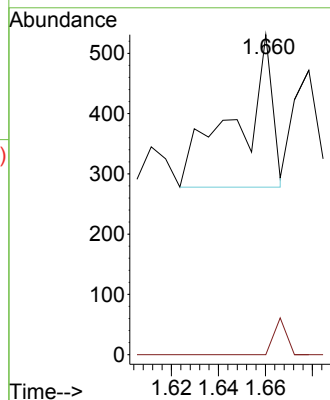
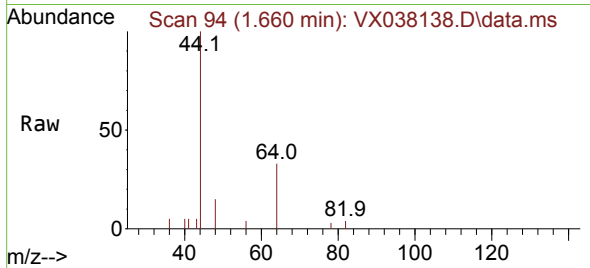




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

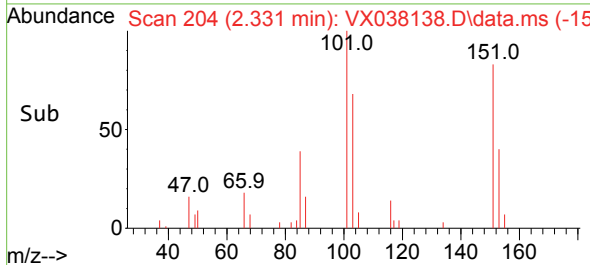
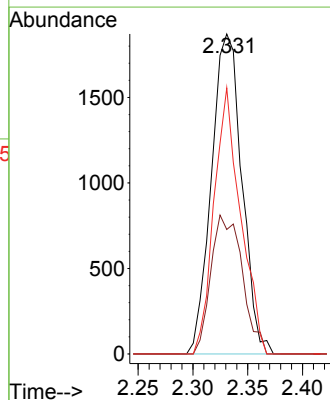
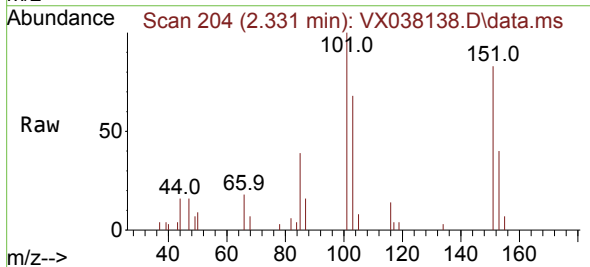
Instrument :
MSVOA_X
ClientSampleId :

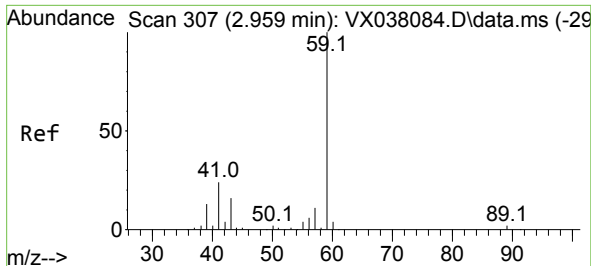
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.057 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Tgt Ion:101 Resp: 3621
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 72.5 58.6 87.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

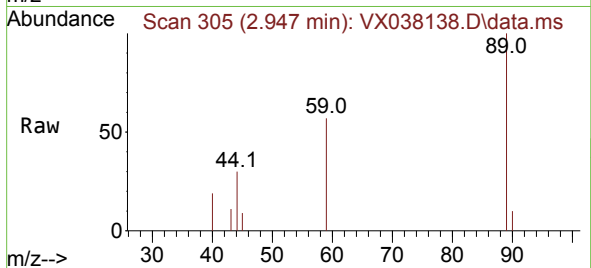
Lab File: VX038138.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

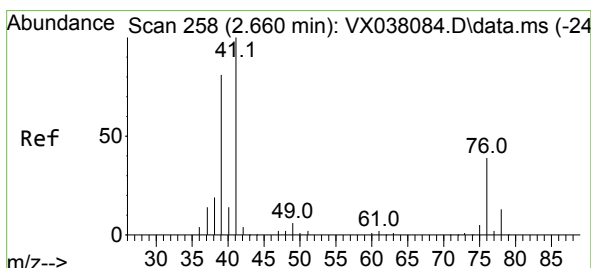
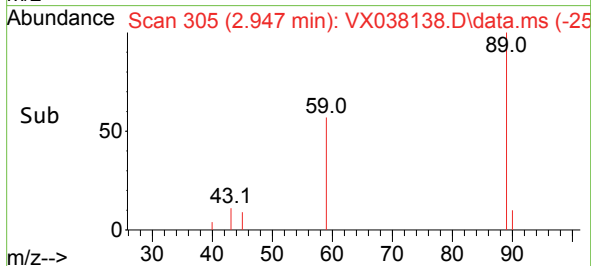
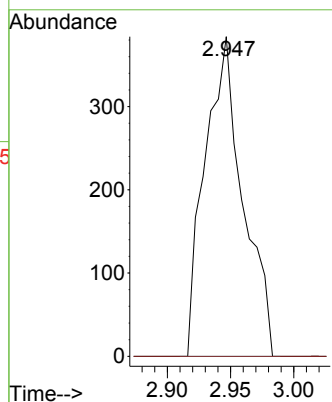


Tgt Ion: 59 Resp: 799

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.339 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX038138.D

Acq: 06 Oct 2023 18:04

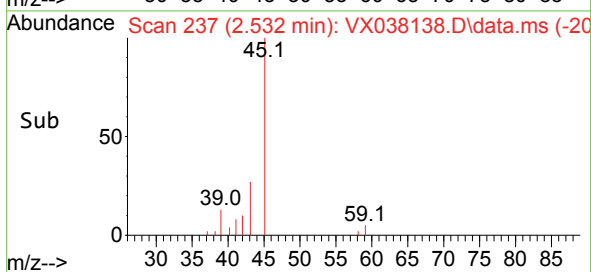
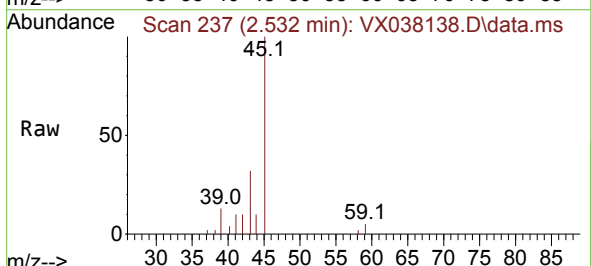
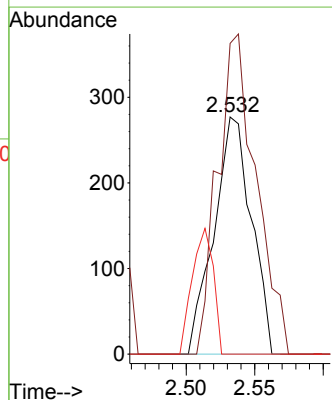
Tgt Ion: 41 Resp: 526

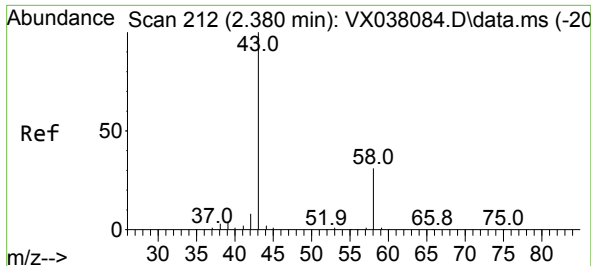
Ion Ratio Lower Upper

41 100

39 138.6 55.8 83.6#

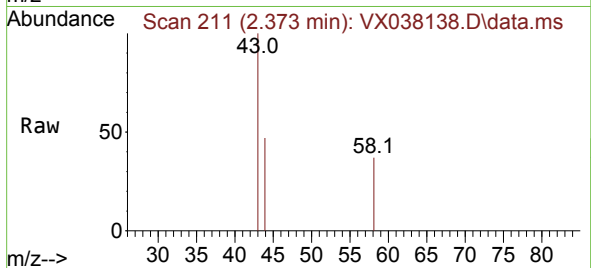
76 0.0 24.3 36.5#



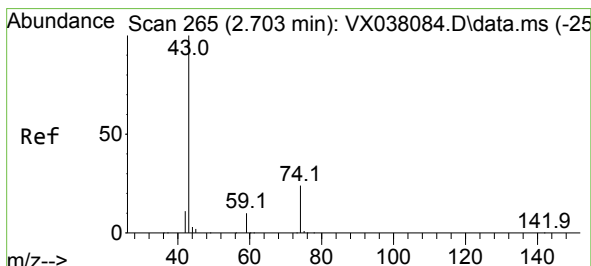
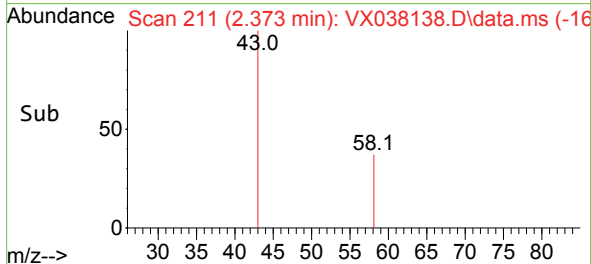
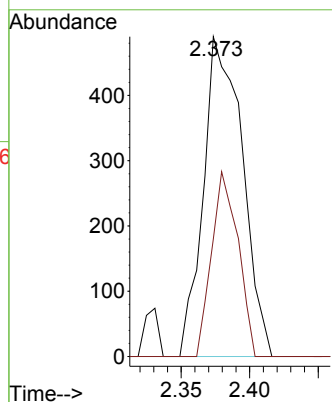


#16
Acetone
Concen: 1.521 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

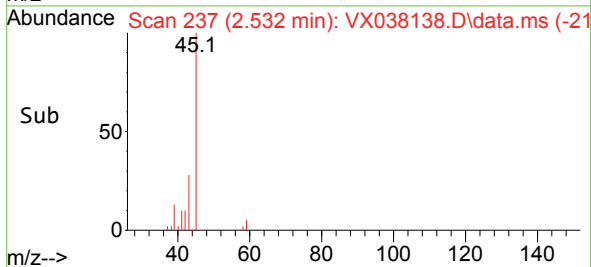
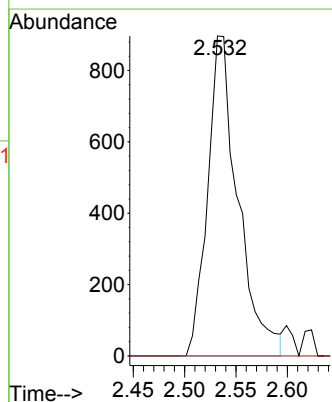
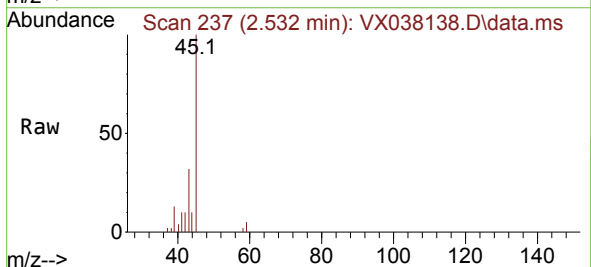


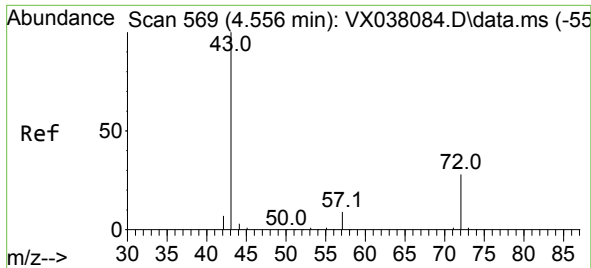
Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 36.7 21.9 32.9#



#18
Methyl Acetate
Concen: 0.675 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

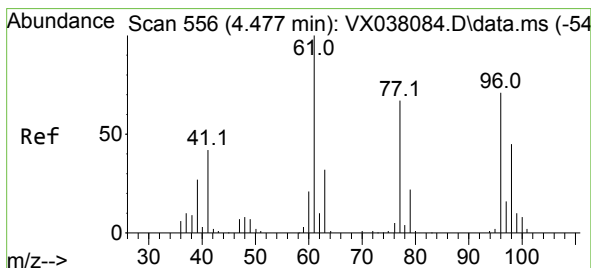
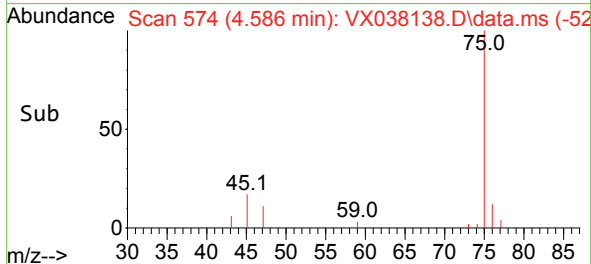
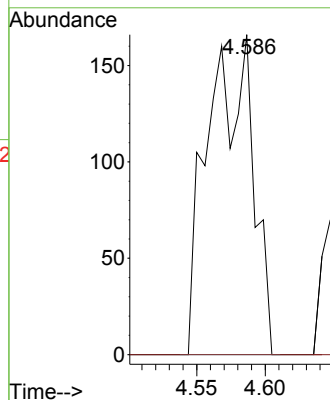
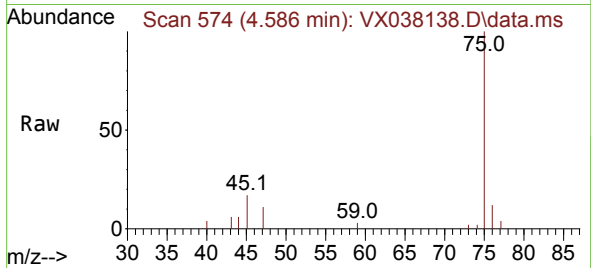




#25
2-Butanone
Concen: 0.367 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

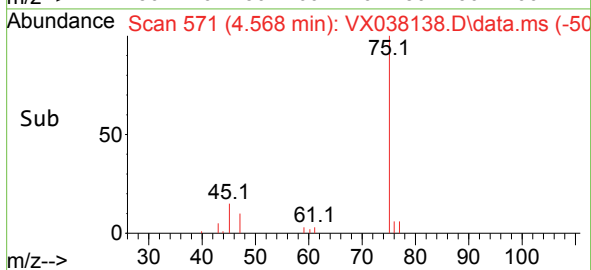
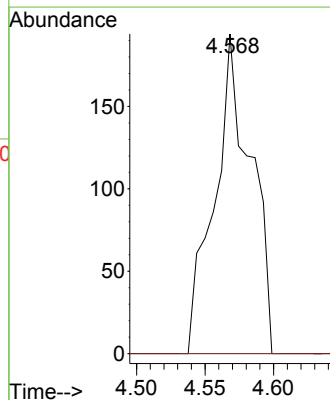
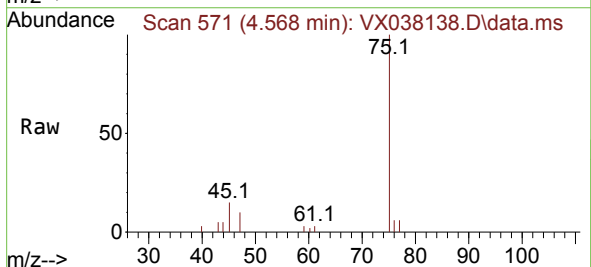
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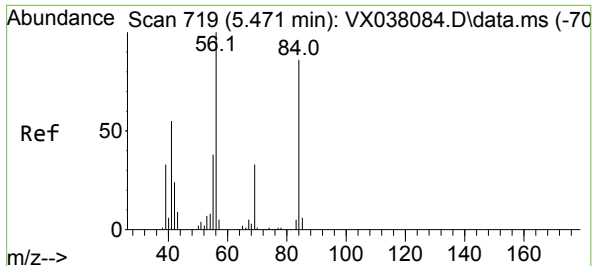
Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.232 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

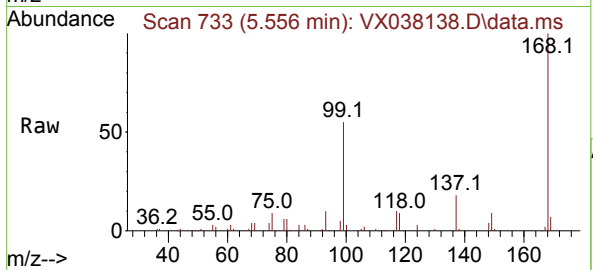
Tgt Ion: 77 Resp: 358
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



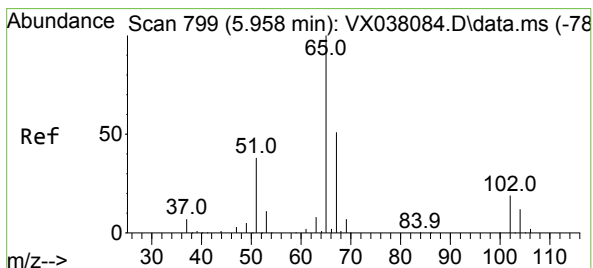
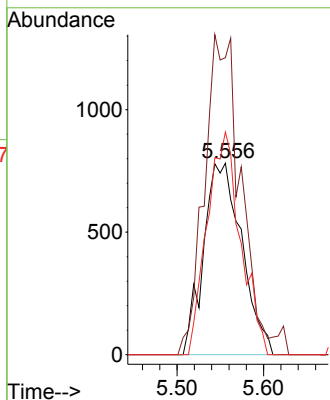
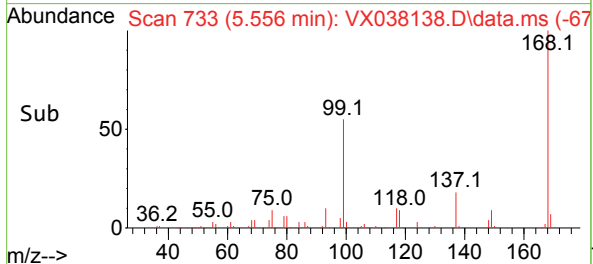


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

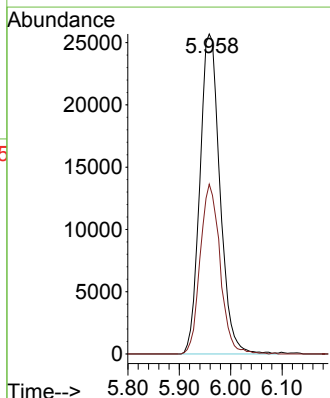
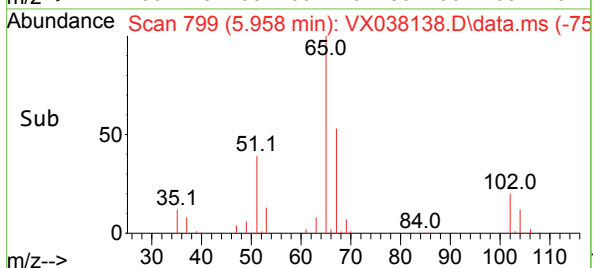
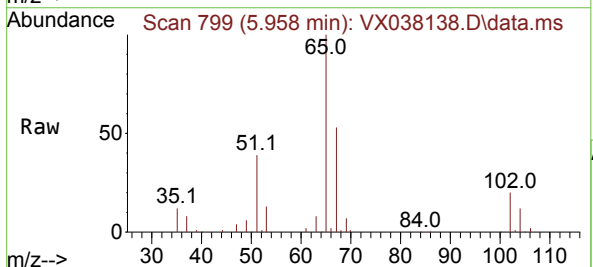


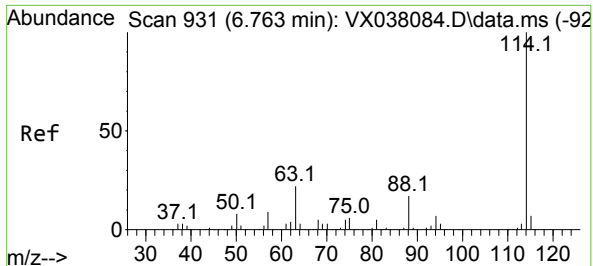
Tgt Ion: 56 Resp: 2404
Ion Ratio Lower Upper
56 100
69 155.0 23.4 35.2#
84 116.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.669 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 65 Resp: 69703
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

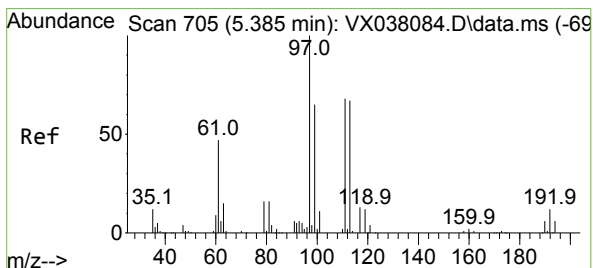
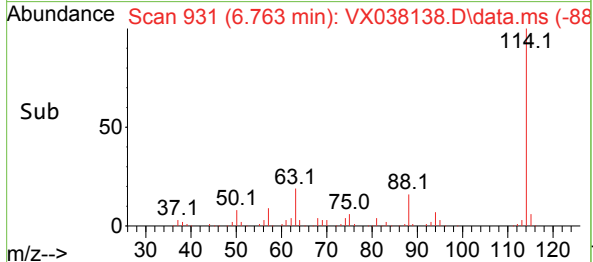
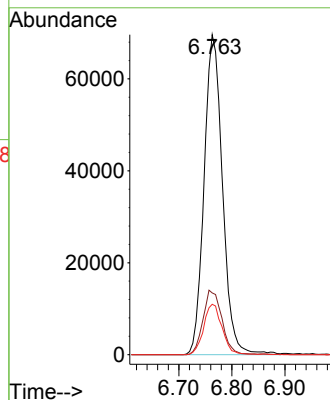
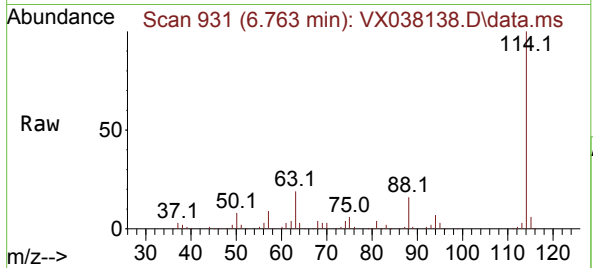




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

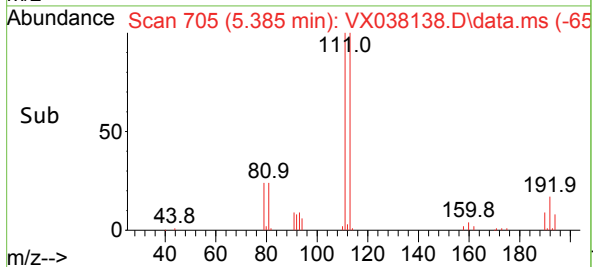
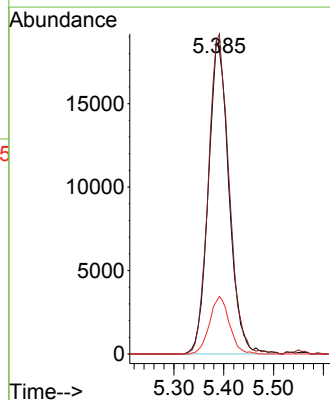
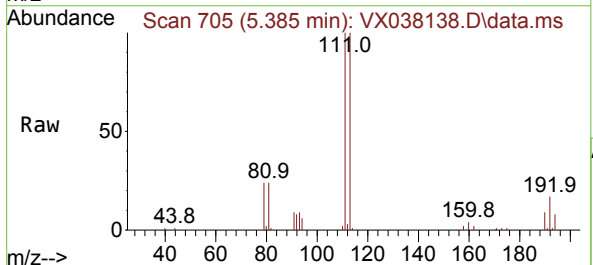
Instrument :
MSVOA_X
ClientSampleId :

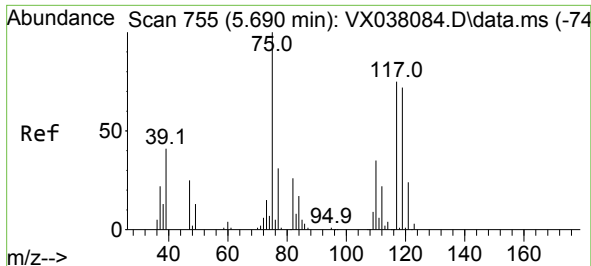
Tgt Ion:114 Resp: 168097
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.391 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

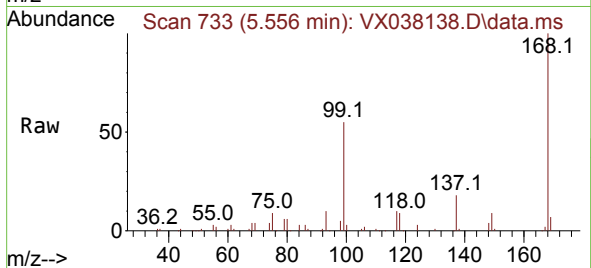
Tgt Ion:113 Resp: 53768
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.7 13.3 19.9



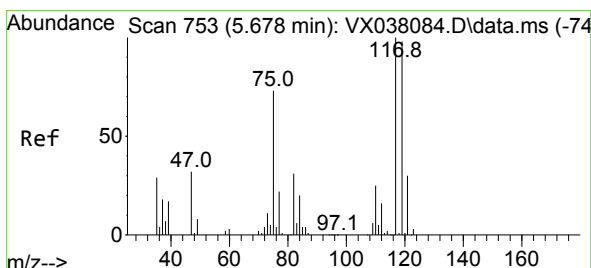
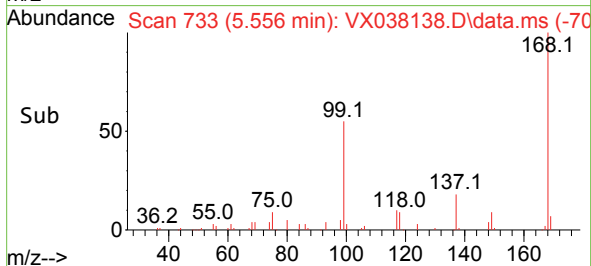
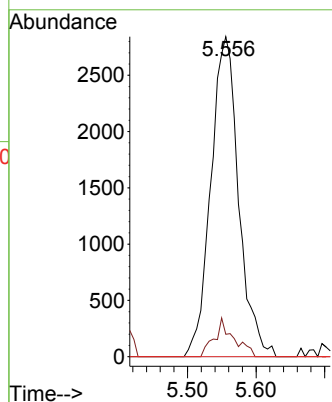


#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

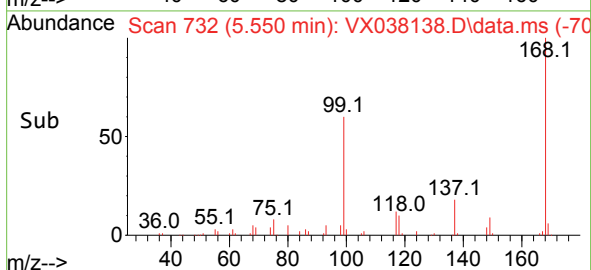
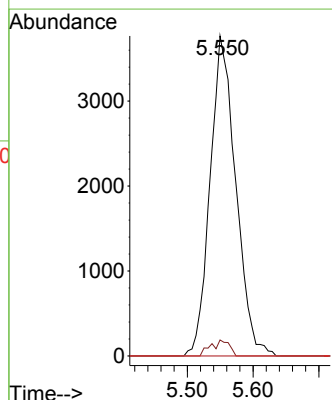
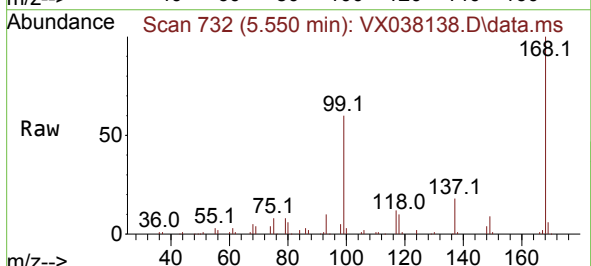


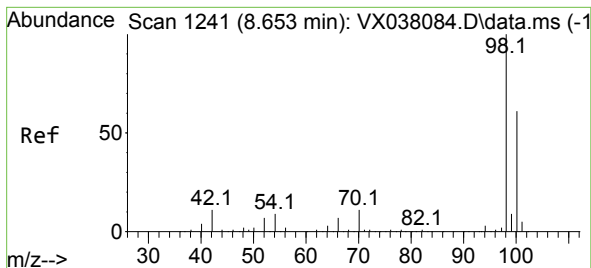
Tgt Ion: 75 Resp: 7996
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.240 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 117 Resp: 10253
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.947 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX038138.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_X

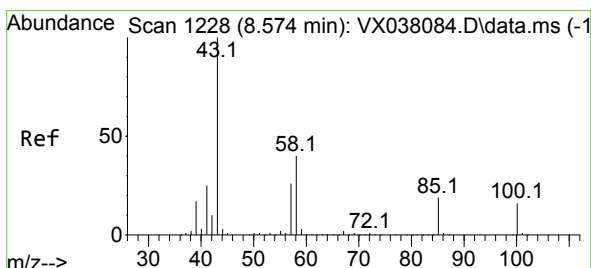
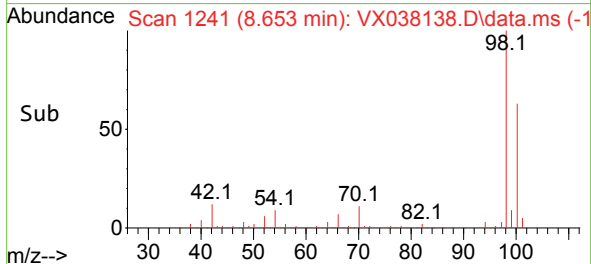
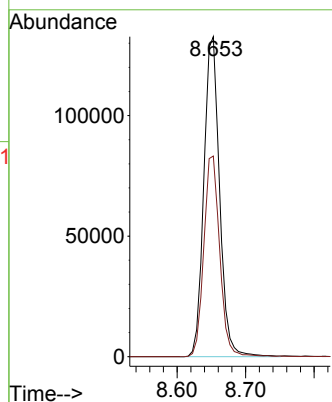
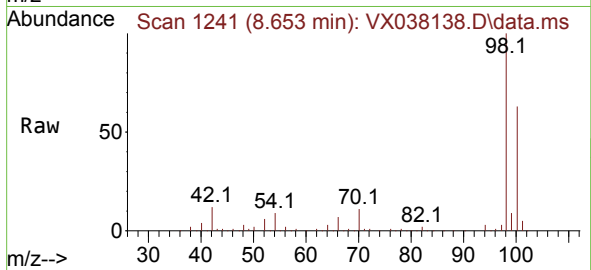
ClientSampleId :

Tgt Ion: 98 Resp: 212665

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.495 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX038138.D

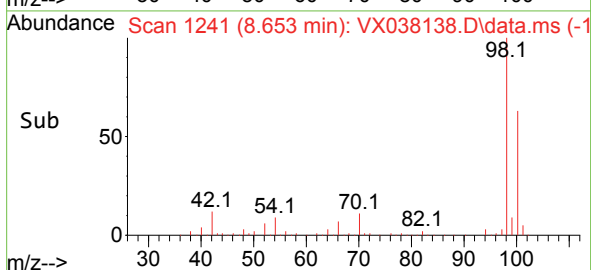
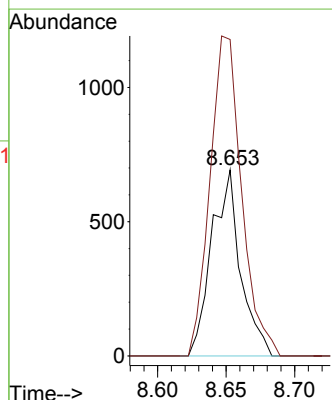
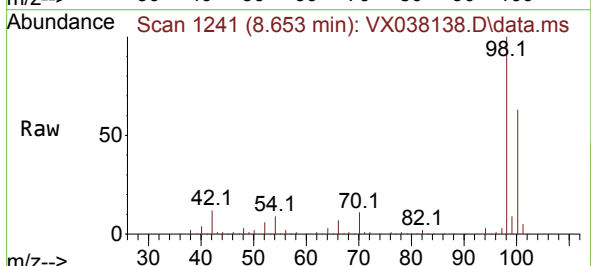
Acq: 06 Oct 2023 18:04

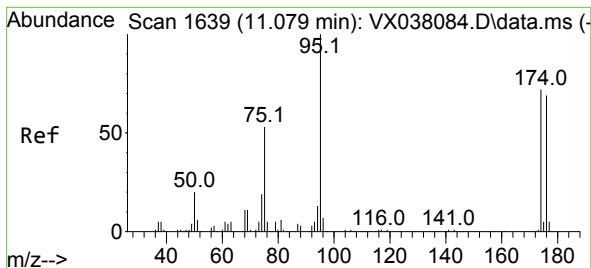
Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

58 189.3 30.4 45.6#

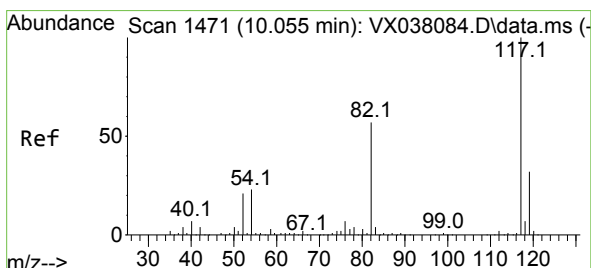
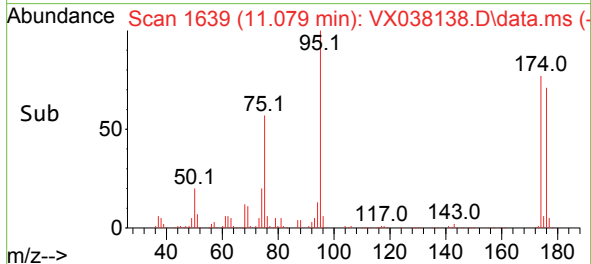
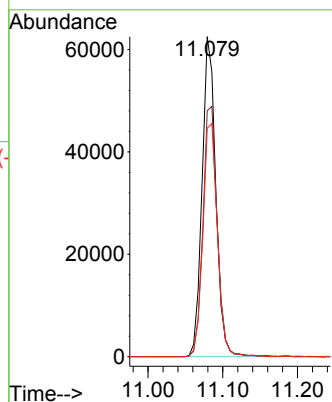
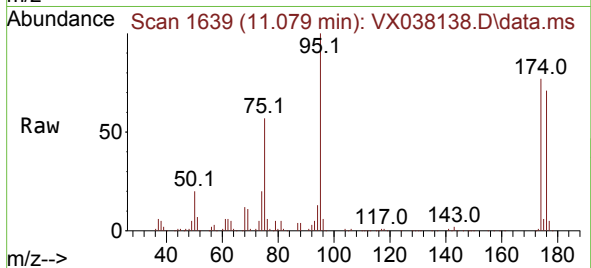




#62
4-Bromofluorobenzene
Concen: 45.336 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

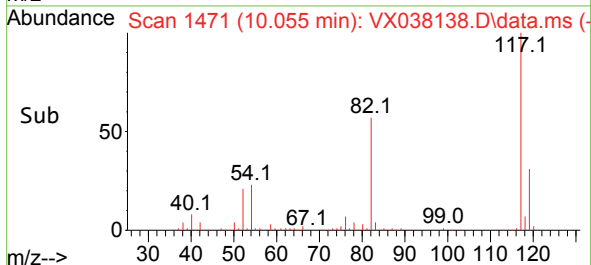
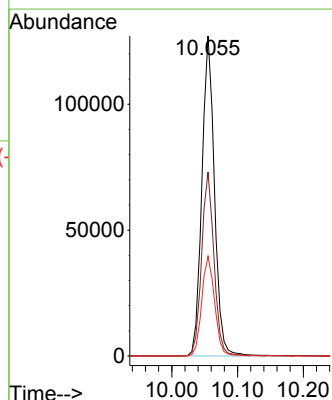
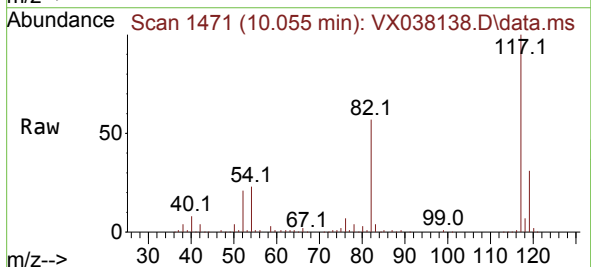
Instrument :
MSVOA_X
ClientSampleId :

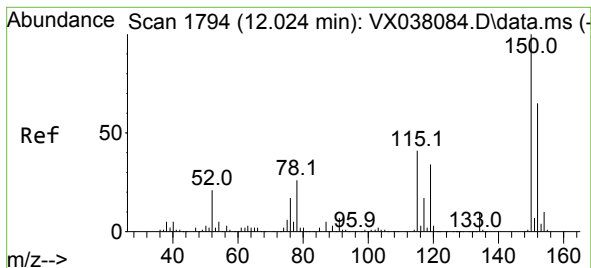
Tgt Ion: 95 Resp: 79551
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 77.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038138.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 117 Resp: 168408
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.1 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

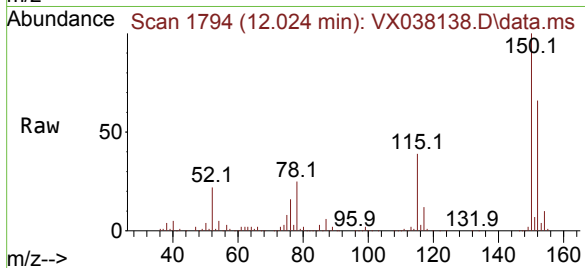
Lab File: VX038138.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :



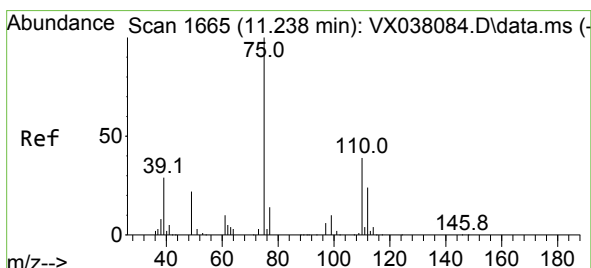
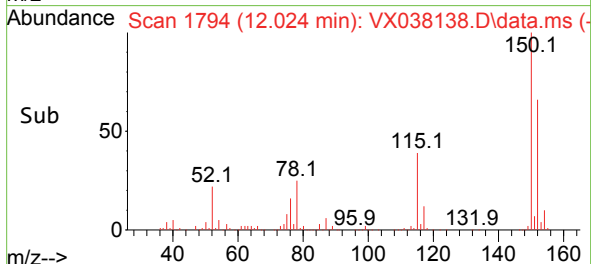
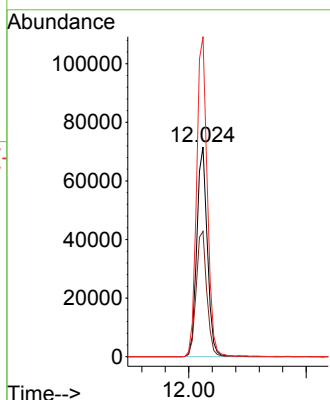
Tgt Ion:152 Resp: 89120

Ion Ratio Lower Upper

152 100

115 60.6 43.3 129.9

150 154.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.292 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038138.D

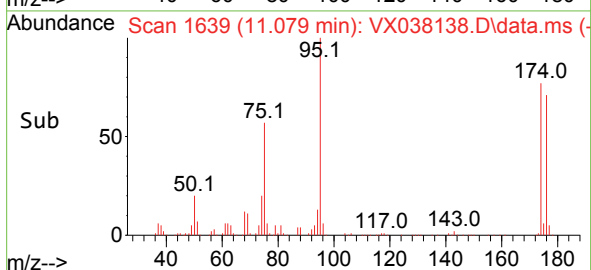
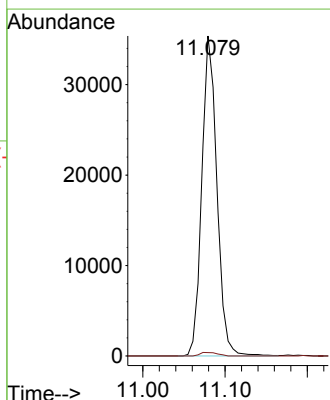
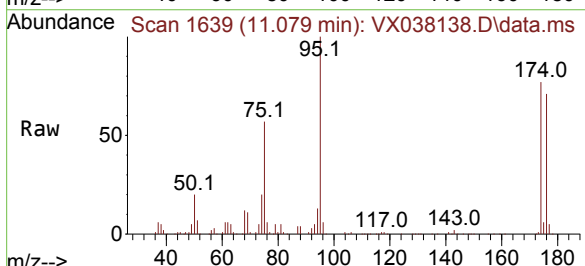
Acq: 06 Oct 2023 18:04

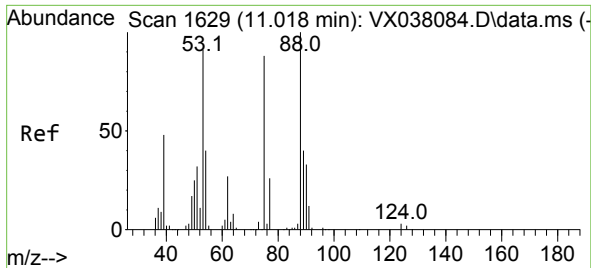
Tgt Ion: 75 Resp: 45164

Ion Ratio Lower Upper

75 100

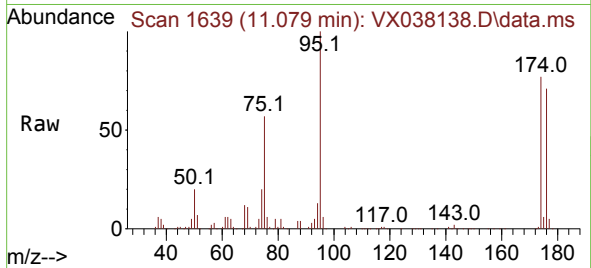
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.874 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038138.D
 Acq: 06 Oct 2023 18:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 45164
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

