

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038676.D
 Acq On : 09 Nov 2023 13:32
 Operator : JC/MD
 Sample : 05222-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 03:38:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

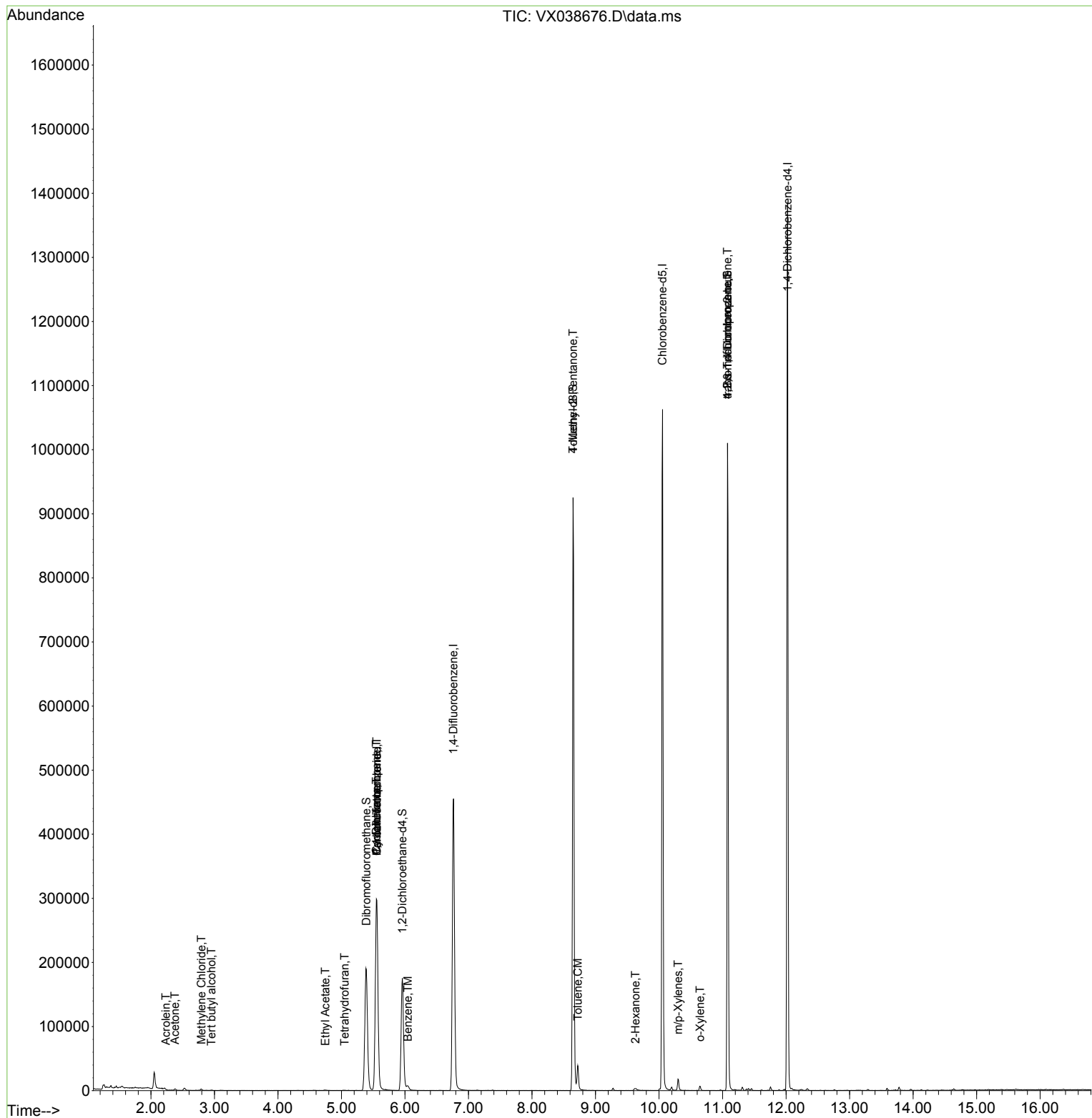
Internal Standards						
1) Pentafluorobenzene	5.556	168	309622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	506957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	322949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175319	45.482	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.960%		
35) Dibromofluoromethane	5.391	113	170757	46.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	8.647	98	580987	44.467	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.940%#		
62) 4-Bromofluorobenzene	11.079	95	272298	53.753	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.500%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.952	59	488	0.619	ug/l	# 78
13) Acrolein	2.233	56	133	0.223	ug/l	# 1
16) Acetone	2.379	43	2513	1.548	ug/l	# 77
20) Methylene Chloride	2.794	84	1038	0.317	ug/l	# 81
29) Tetrahydrofuran	5.050	42	331	0.226	ug/l	# 50
31) Cyclohexane	5.550	56	5299	1.242	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	20389	4.495	ug/l	# 52
37) Ethyl Acetate	4.745	43	1717	0.371	ug/l	# 80
38) Carbon Tetrachloride	5.556	117	29937	5.904	ug/l	# 15
40) Benzene	6.043	78	8473	0.649	ug/l	# 83
51) 4-Methyl-2-Pentanone	8.647	43	2043	0.440	ug/l	# 1
52) Toluene	8.720	92	15404	1.800	ug/l	98
59) 2-Hexanone	9.628	43	3298	0.879	ug/l	# 26
68) m/p-Xylenes	10.299	106	4587	0.636	ug/l	98
69) o-Xylene	10.646	106	1798	0.256	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	130922	20.469	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	130922	62.400	ug/l	# 5

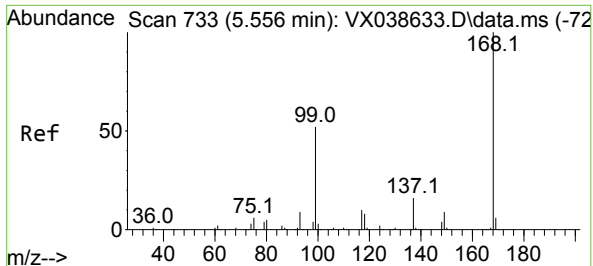
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

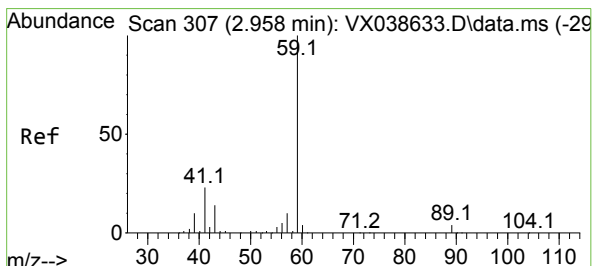
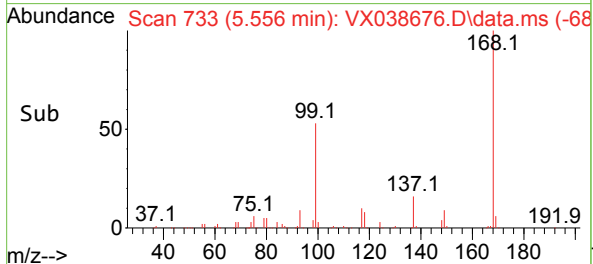
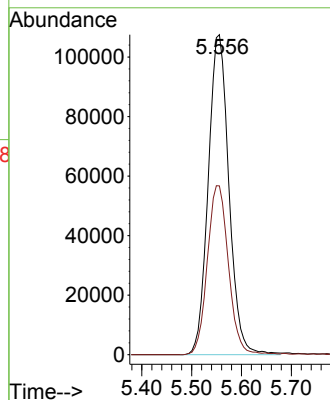
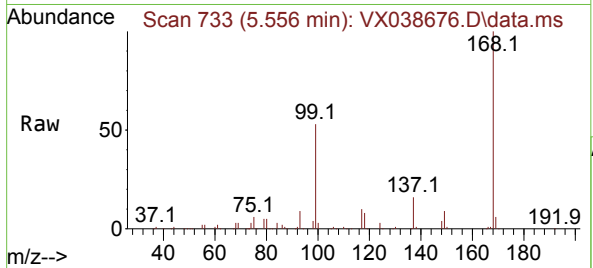




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

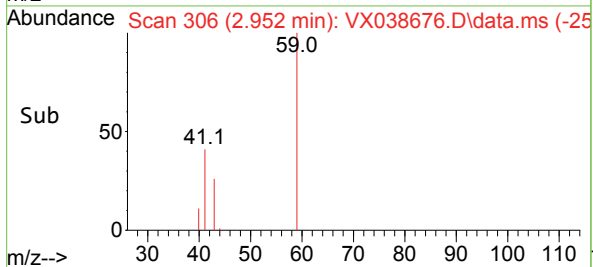
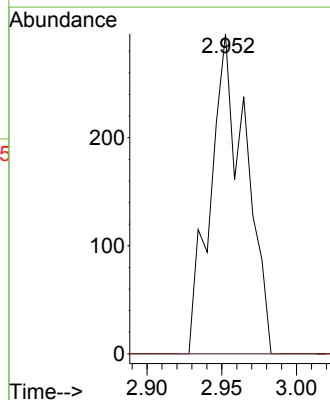
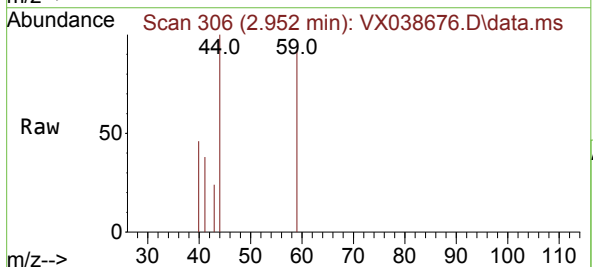
Instrument :
MSVOA_X
ClientSampleId :

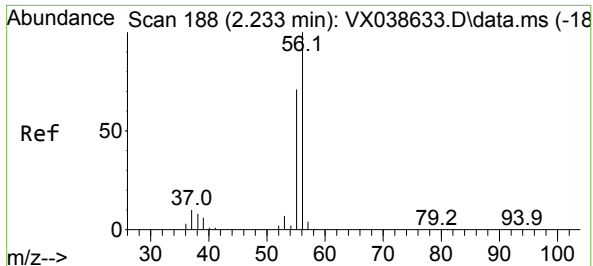
Tgt Ion:168 Resp: 309622
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.619 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.223 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038676.D

Acq: 09 Nov 2023 13:32

Instrument :

MSVOA_X

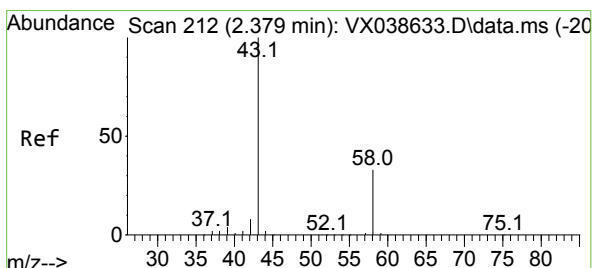
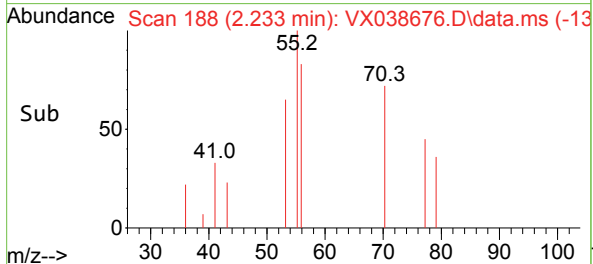
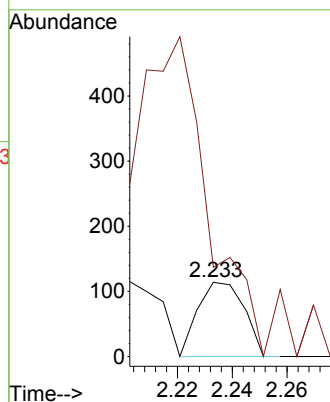
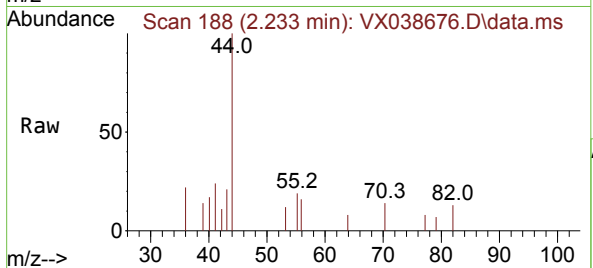
ClientSampleId :

Tgt Ion: 56 Resp: 133

Ion Ratio Lower Upper

56 100

55 688.0 57.1 85.7#



#16

Acetone

Concen: 1.548 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038676.D

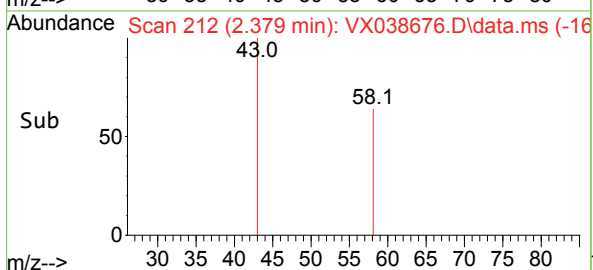
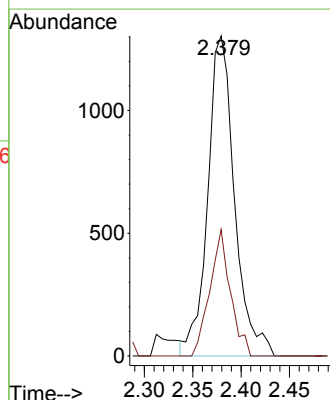
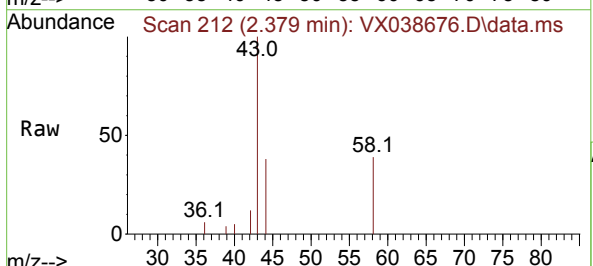
Acq: 09 Nov 2023 13:32

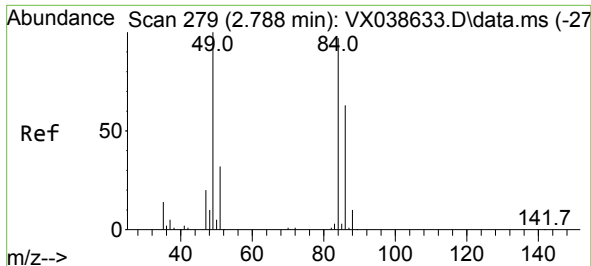
Tgt Ion: 43 Resp: 2513

Ion Ratio Lower Upper

43 100

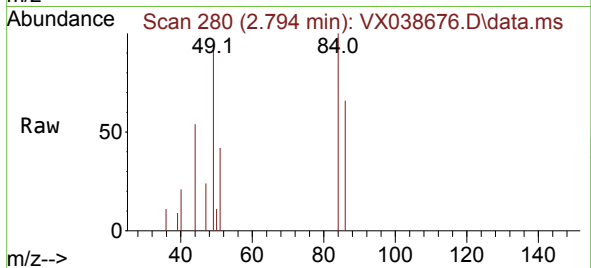
58 39.5 21.9 32.9#



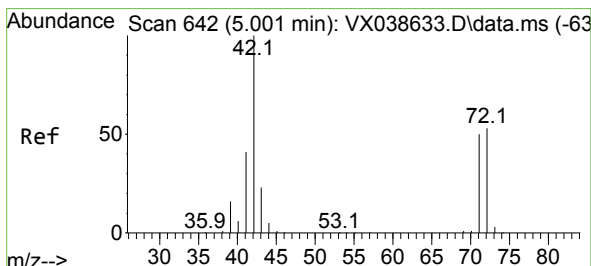
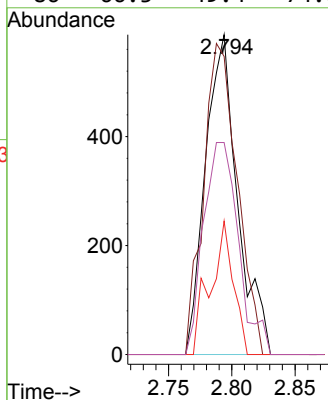
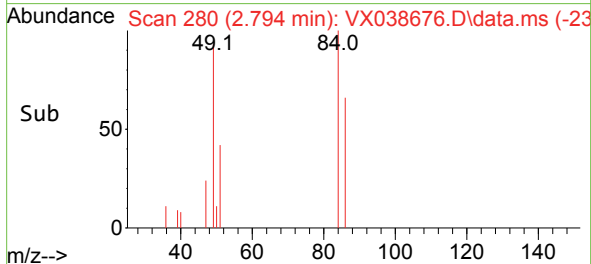


#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

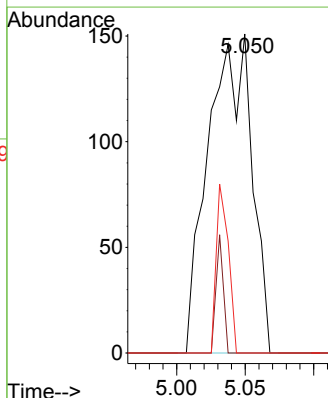
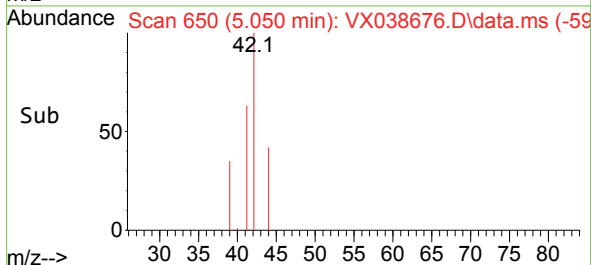
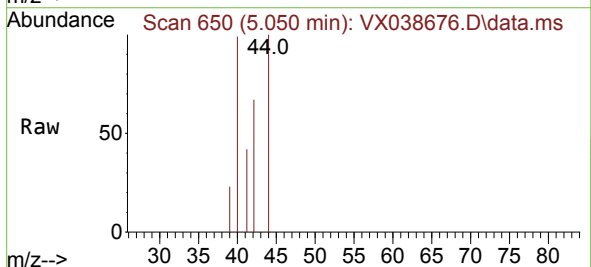


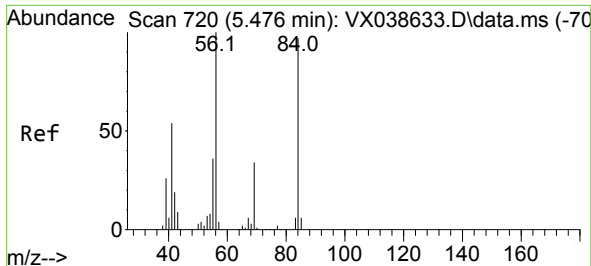
Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 93.2 103.6 155.4#
51 41.7 33.8 50.6
86 66.3 49.4 74.0



#29
Tetrahydrofuran
Concen: 0.226 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

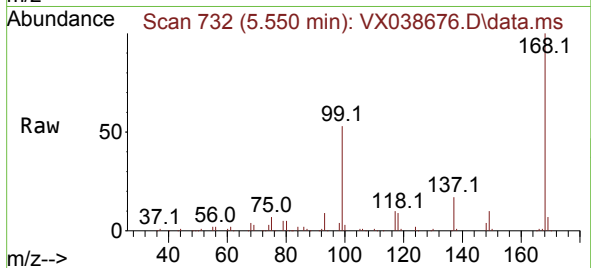
Tgt Ion: 42 Resp: 331
Ion Ratio Lower Upper
42 100
72 6.0 34.2 51.4#
71 14.8 32.2 48.2#



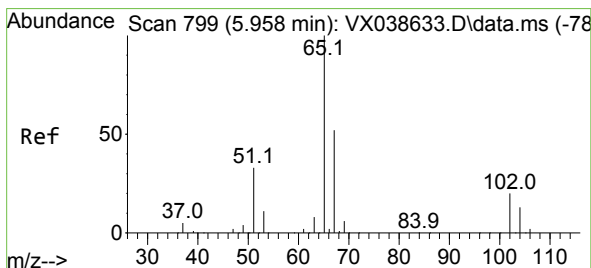
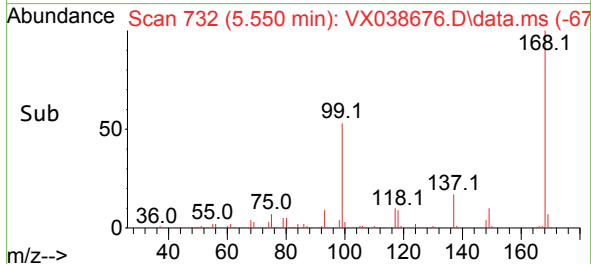
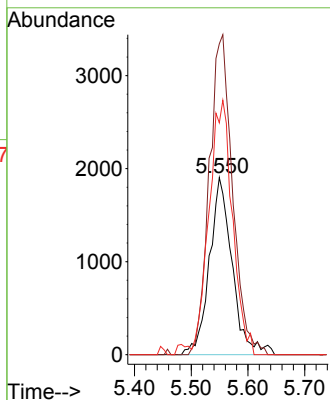


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

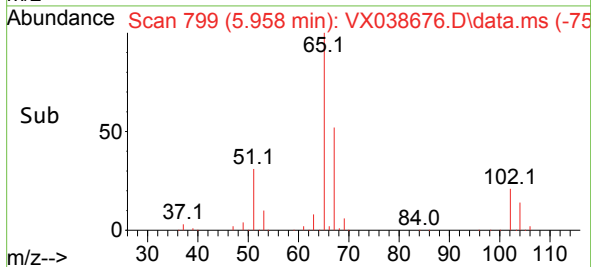
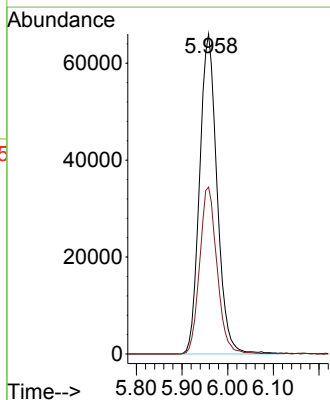
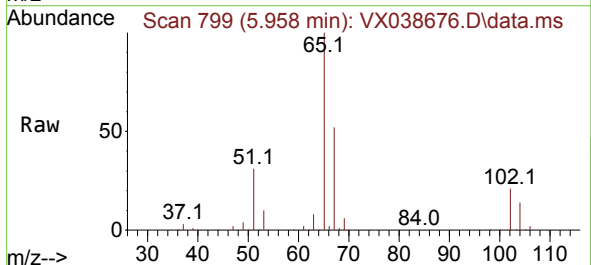


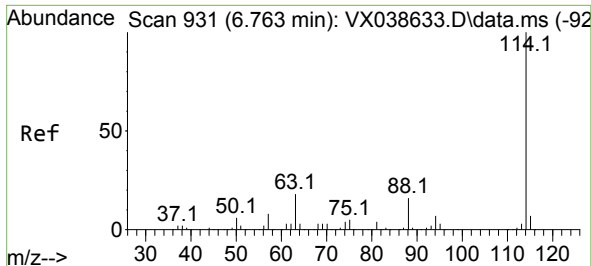
Tgt Ion: 56 Resp: 5299
Ion Ratio Lower Upper
56 100
69 175.5 23.4 35.2#
84 130.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 65 Resp: 175319
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

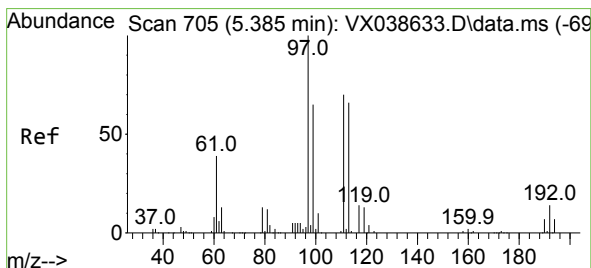
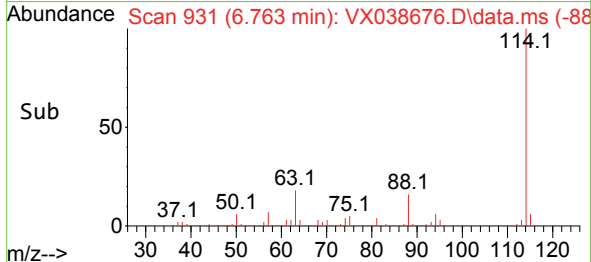
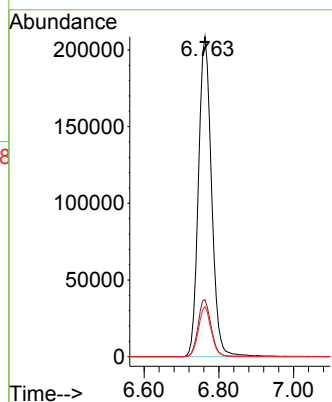
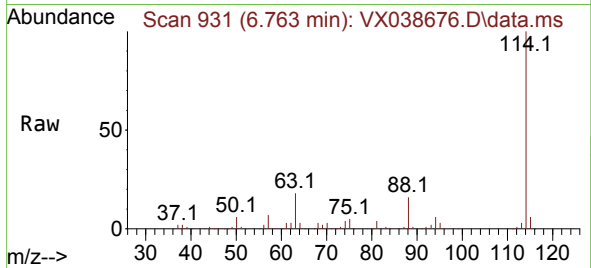




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

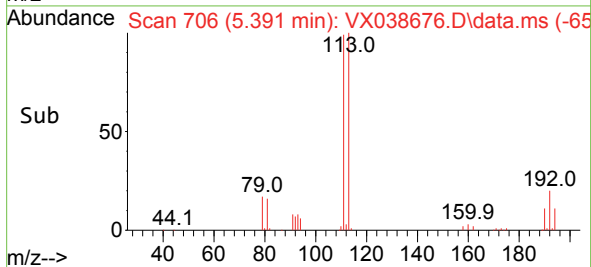
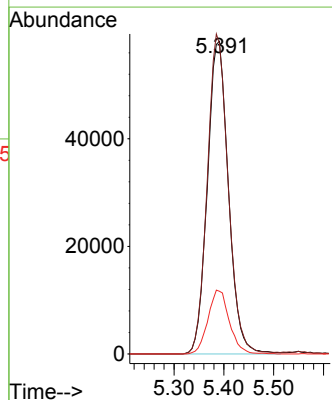
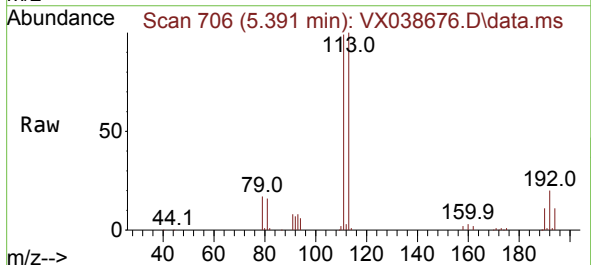
Instrument :
MSVOA_X
ClientSampleId :

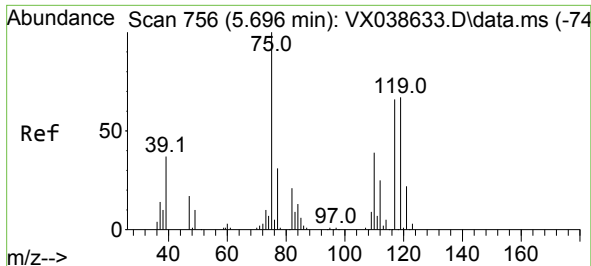
Tgt Ion:114 Resp: 506957
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.767 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

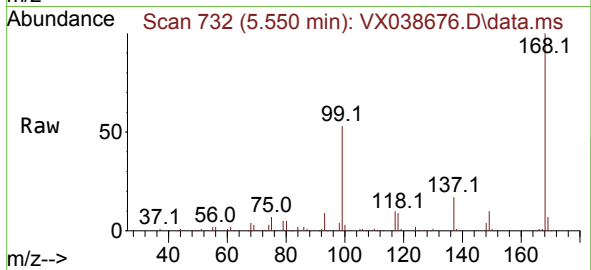
Tgt Ion:113 Resp: 170757
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 20.7 13.3 19.9#



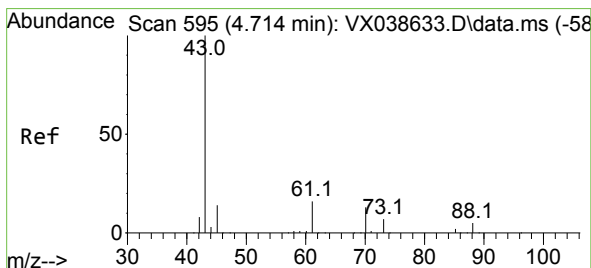
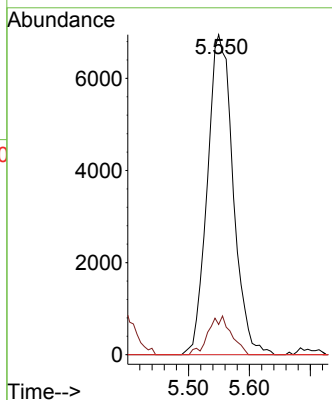
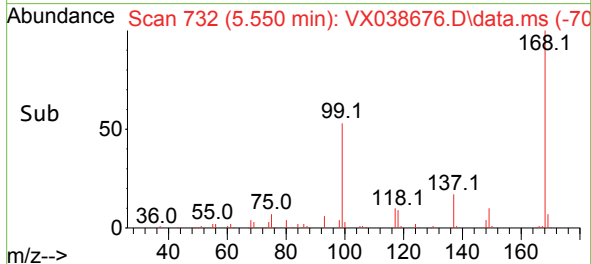


#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

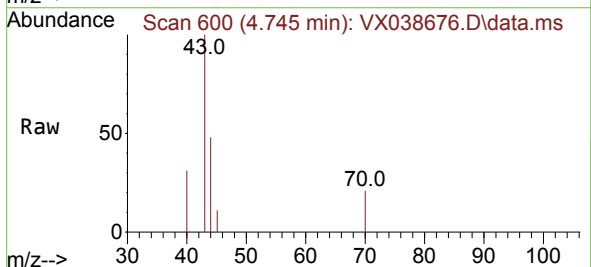
Instrument :
MSVOA_X
ClientSampleId :



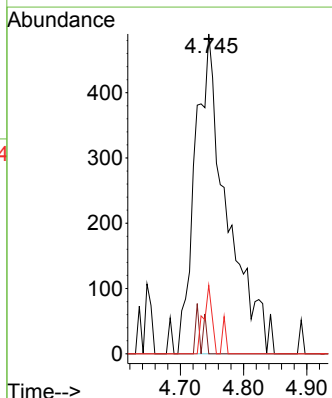
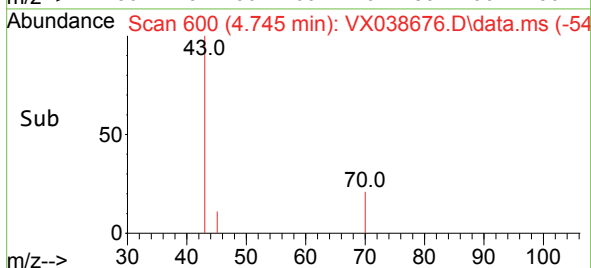
Tgt Ion: 75 Resp: 20389
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#

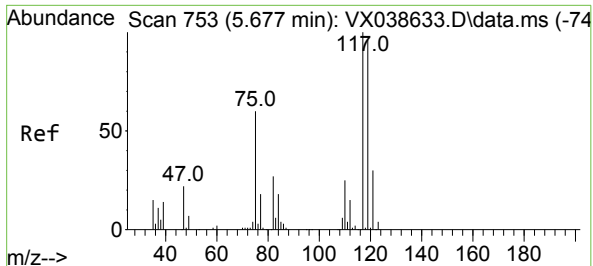


#37
Ethyl Acetate
Concen: 0.371 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.031 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32



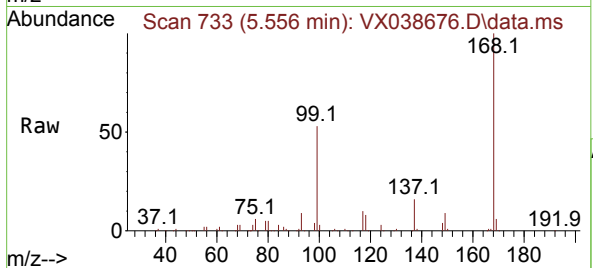
Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
61 2.9 10.6 16.0#
70 5.7 8.3 12.5#



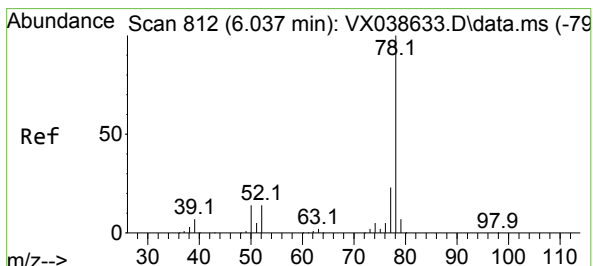
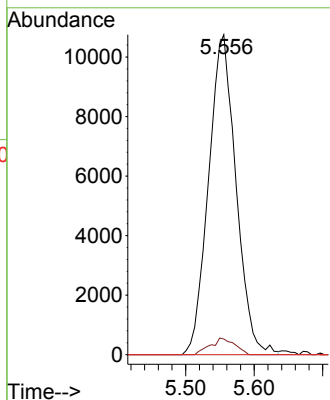
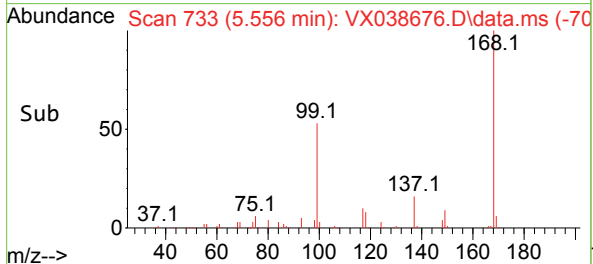


#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

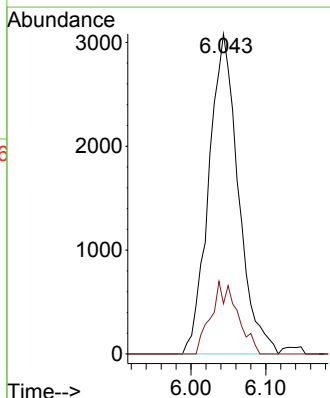
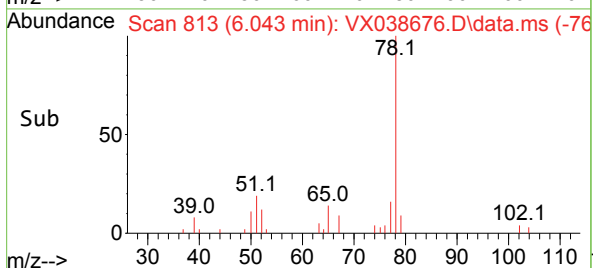
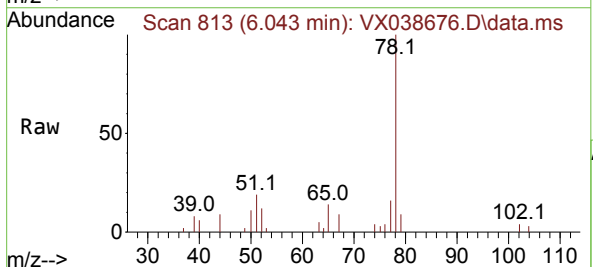


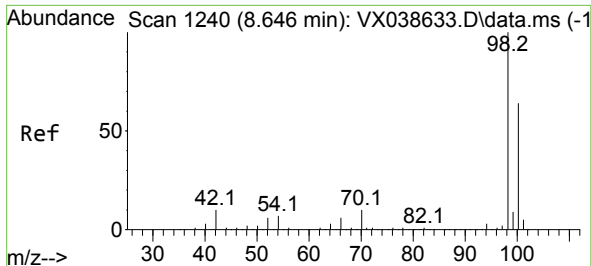
Tgt Ion:117 Resp: 29937
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.649 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 78 Resp: 8473
Ion Ratio Lower Upper
78 100
77 15.7 19.3 28.9#

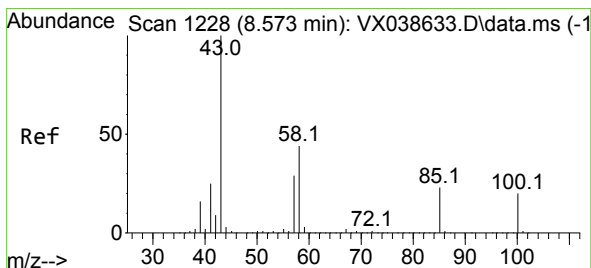
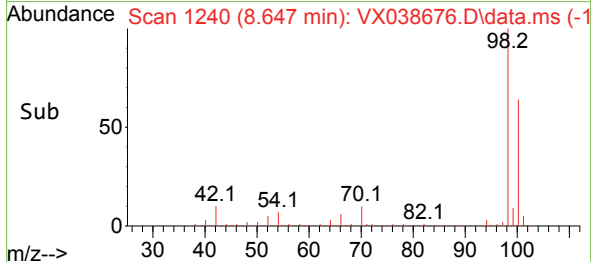
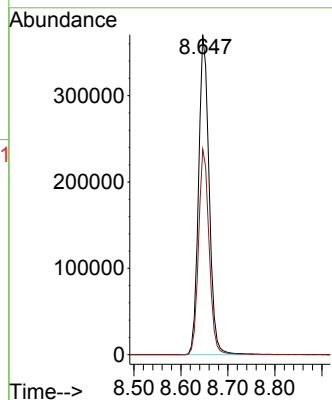
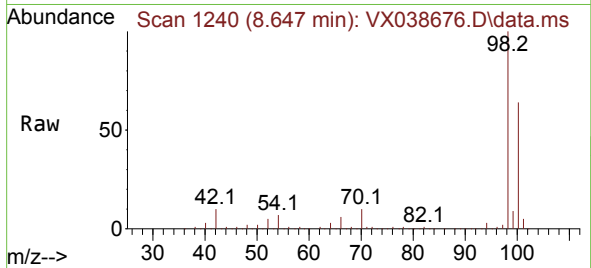




#50
Toluene-d8
Concen: 44.467 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

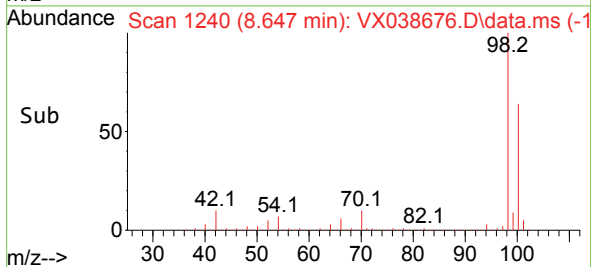
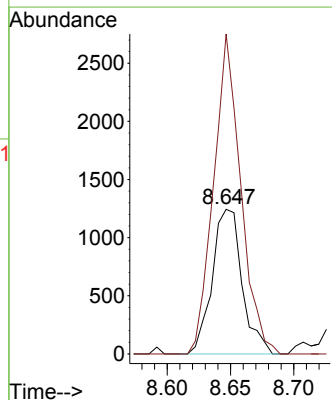
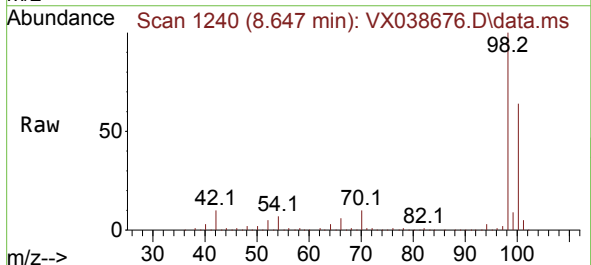
Instrument :
MSVOA_X
ClientSampleId :

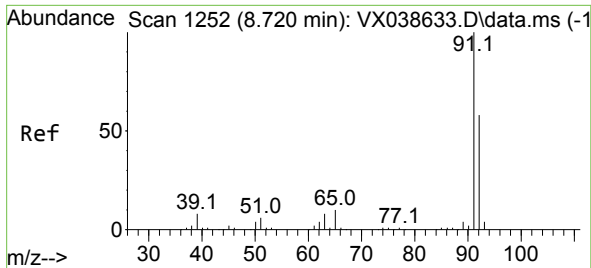
Tgt Ion: 98 Resp: 580987
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 201.1 30.4 45.6#

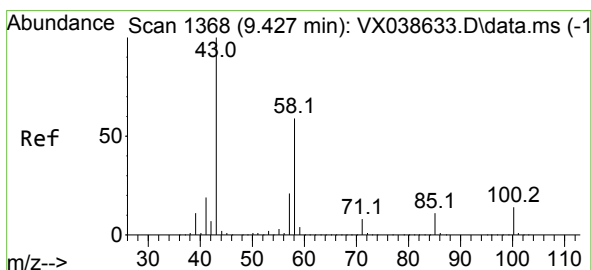
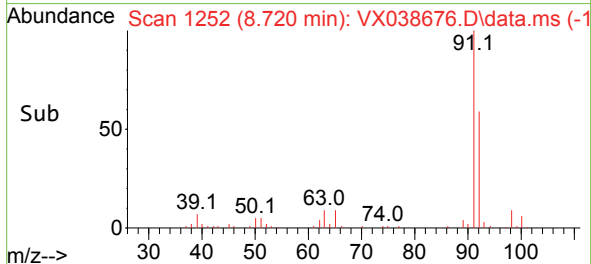
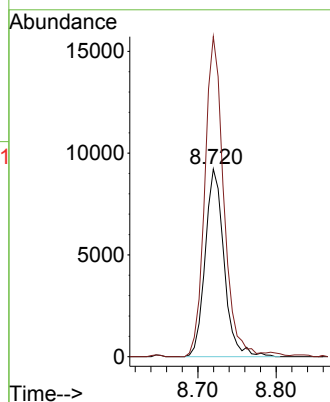
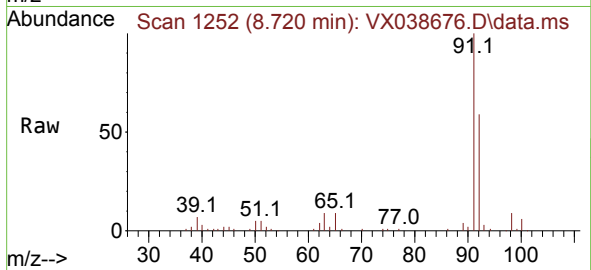




#52
Toluene
Concen: 1.800 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

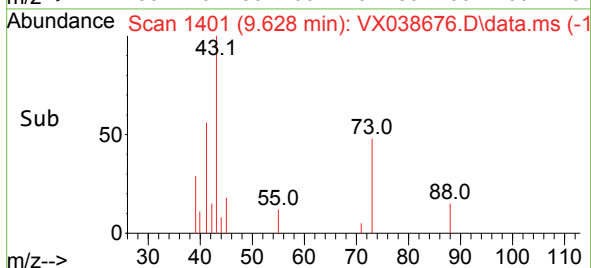
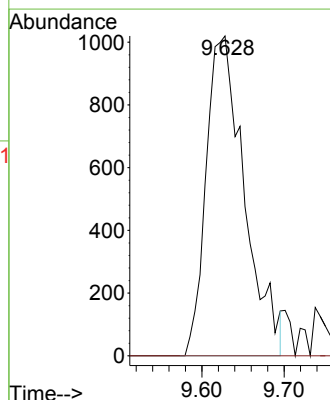
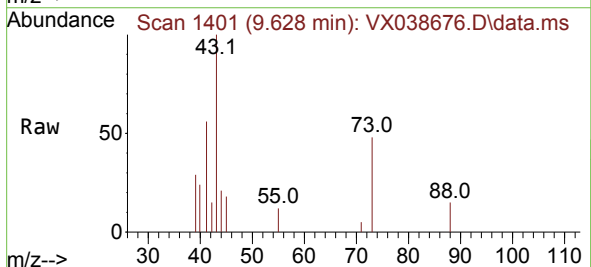
Instrument :
MSVOA_X
ClientSampleId :

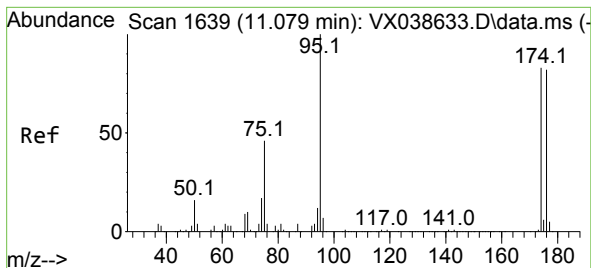
Tgt Ion: 92 Resp: 15404
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2



#59
2-Hexanone
Concen: 0.879 ug/l
RT: 9.628 min Scan# 1401
Delta R.T. 0.201 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 43 Resp: 3298
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

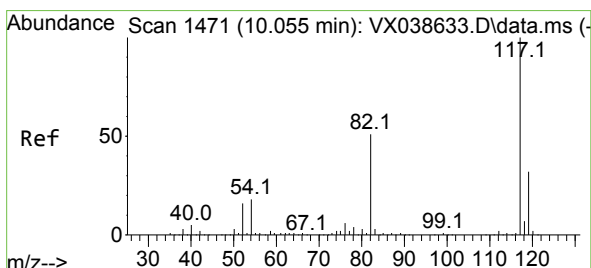
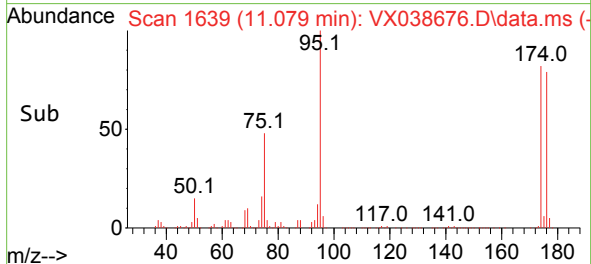
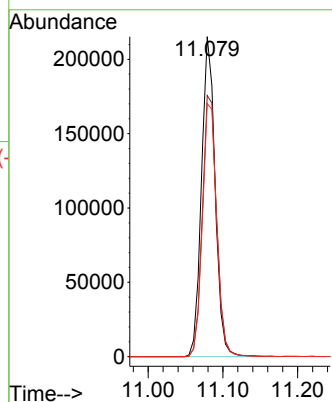
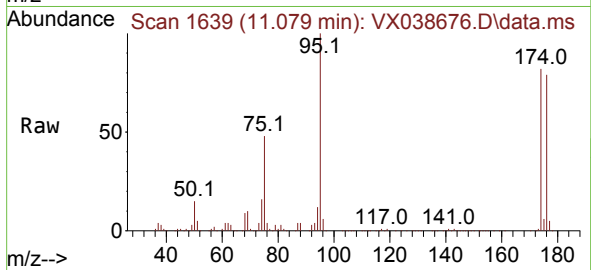




#62
4-Bromofluorobenzene
Concen: 53.753 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

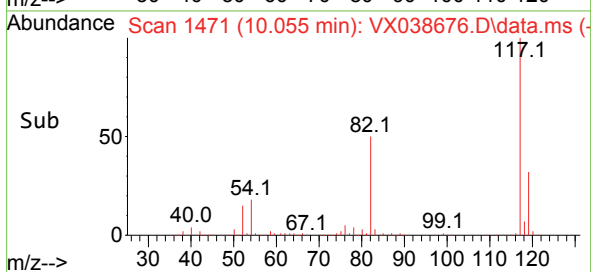
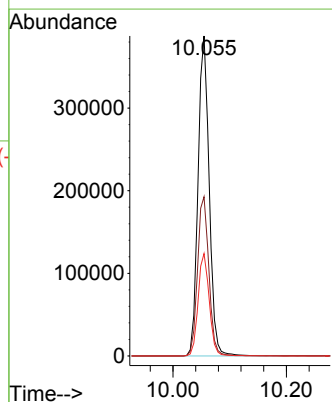
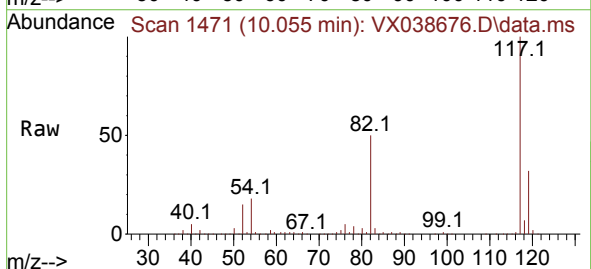
Instrument :
MSVOA_X
ClientSampleId :

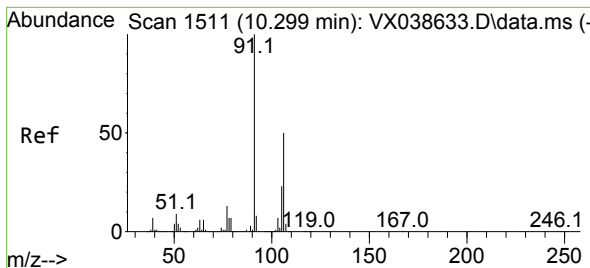
Tgt Ion: 95 Resp: 272298
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 83.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 117 Resp: 528149
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.0 25.5 38.3

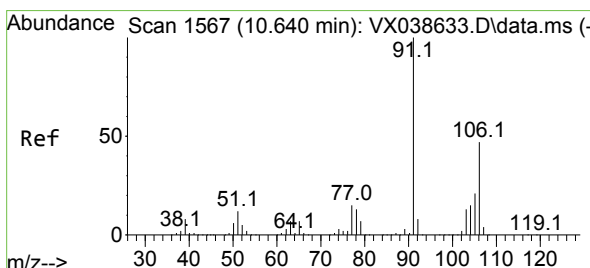
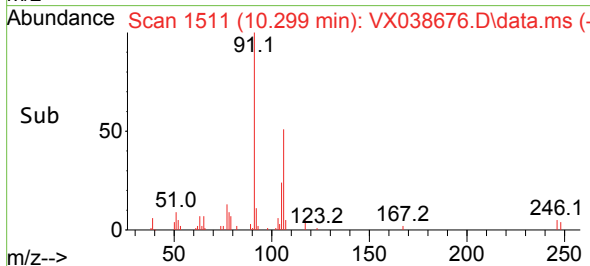
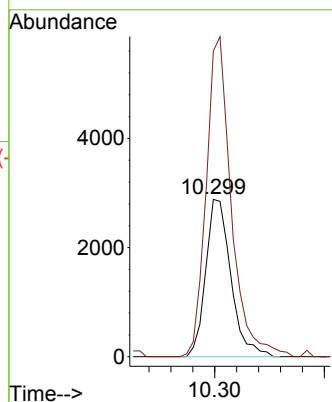
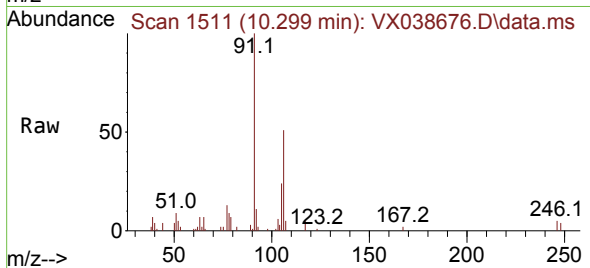




#68
m/p-Xylenes
Concen: 0.636 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

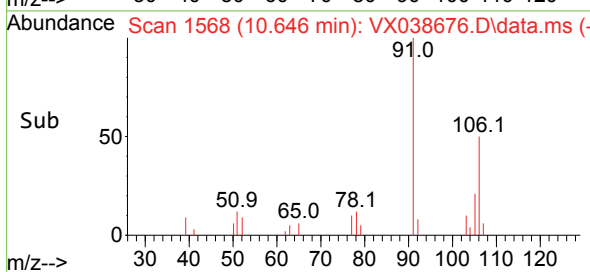
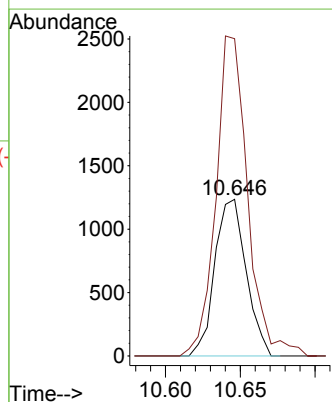
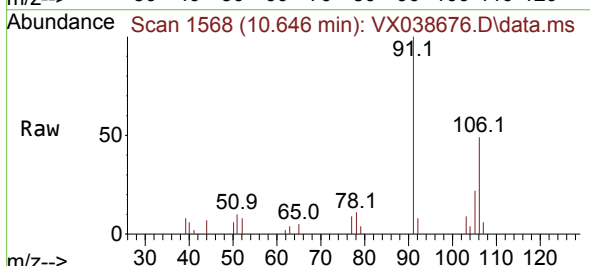
Instrument :
MSVOA_X
ClientSampleId :

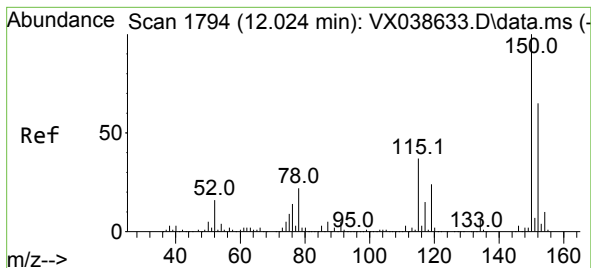
Tgt Ion:106 Resp: 4587
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3



#69
o-Xylene
Concen: 0.256 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion:106 Resp: 1798
Ion Ratio Lower Upper
106 100
91 206.8 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038676.D

Acq: 09 Nov 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

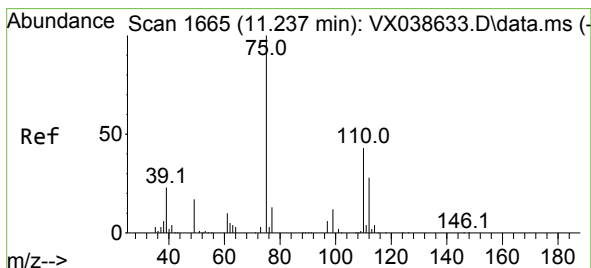
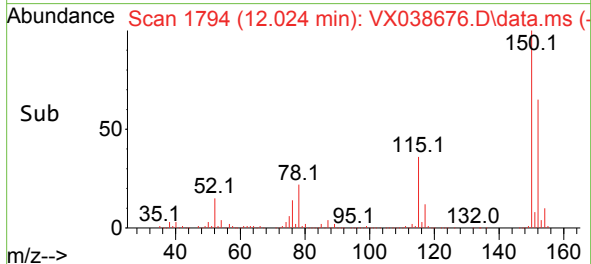
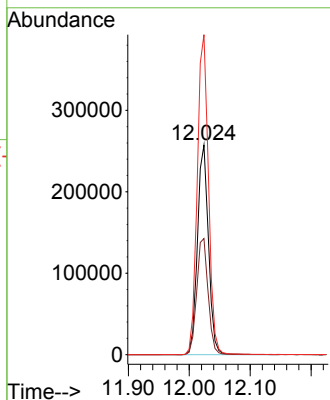
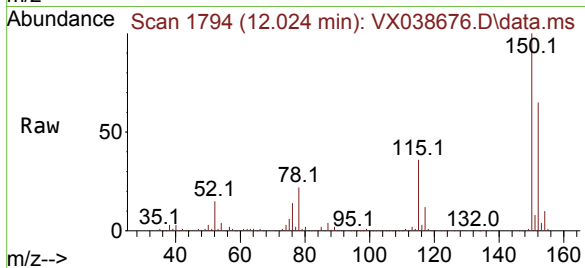
Tgt Ion:152 Resp: 322949

Ion Ratio Lower Upper

152 100

115 57.4 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038676.D

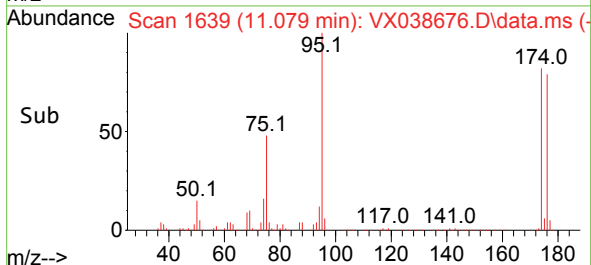
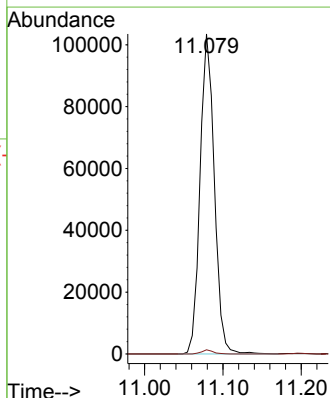
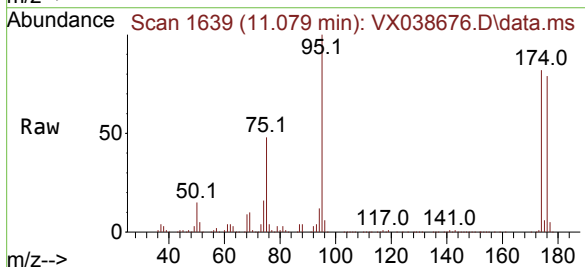
Acq: 09 Nov 2023 13:32

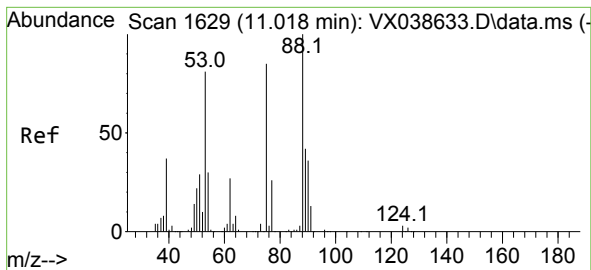
Tgt Ion: 75 Resp: 130922

Ion Ratio Lower Upper

75 100

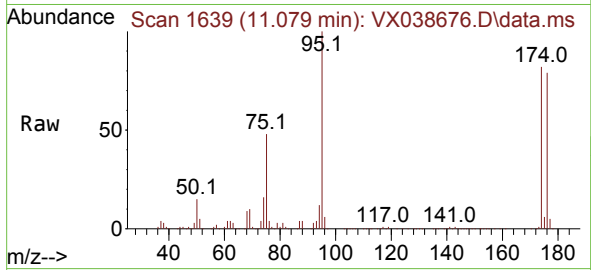
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.400 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038676.D
 Acq: 09 Nov 2023 13:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 130922
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

