

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036726.D
 Acq On : 31 Jul 2023 17:35
 Operator : JC/MD
 Sample : 03808-04DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1711DL

Quant Time: Aug 01 04:40:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

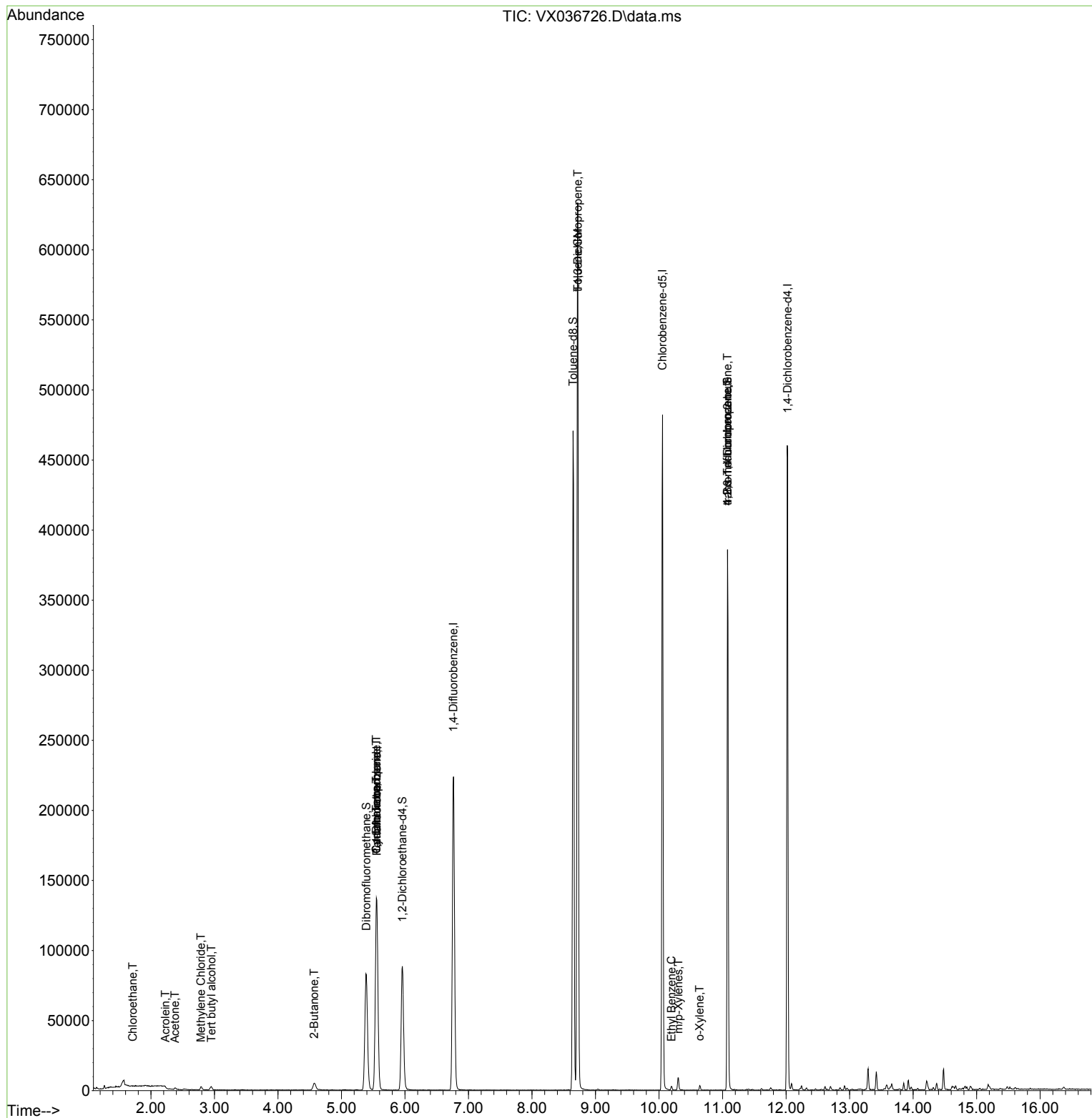
Internal Standards						
1) Pentafluorobenzene	5.556	168	127915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85701	45.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.560%		
35) Dibromofluoromethane	5.391	113	73452	46.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	277274	49.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.500%		
62) 4-Bromofluorobenzene	11.079	95	103645	48.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.600%		
Target Compounds					Qvalue	
6) Chloroethane	1.715	64	183	0.241	ug/l #	43
11) Tert butyl alcohol	2.953	59	1529	3.412	ug/l #	78
13) Acrolein	2.227	56	143	0.559	ug/l #	1
16) Acetone	2.380	43	1501	1.911	ug/l #	80
20) Methylene Chloride	2.788	84	1124	0.644	ug/l #	77
25) 2-Butanone	4.568	43	403	0.316	ug/l #	79
31) Cyclohexane	5.550	56	2804	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10400	4.395	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13591	5.403	ug/l #	15
52) Toluene	8.720	92	241374	55.957	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	2807	0.941	ug/l #	1
67) Ethyl Benzene	10.195	91	1806	0.210	ug/l	96
68) m/p-Xylenes	10.305	106	2314	0.722	ug/l	98
69) o-Xylene	10.640	106	827	0.258	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	52619	23.621	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52619	53.537	ug/l #	5

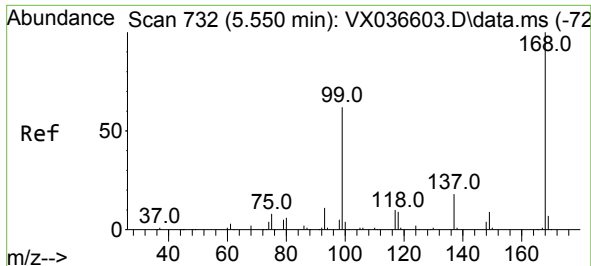
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

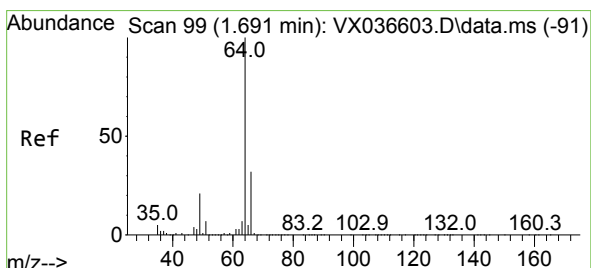
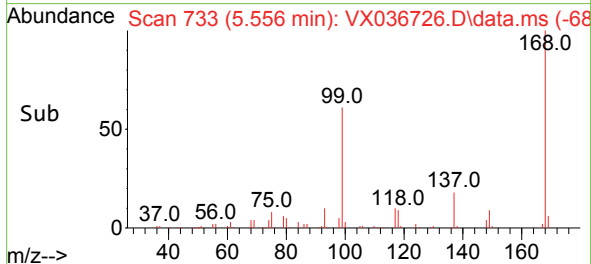
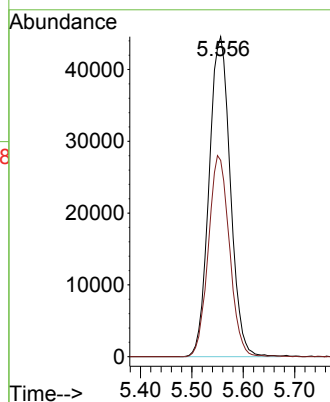
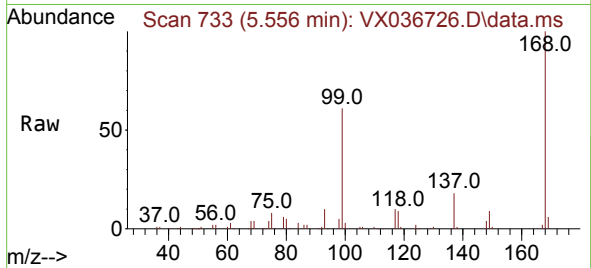




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

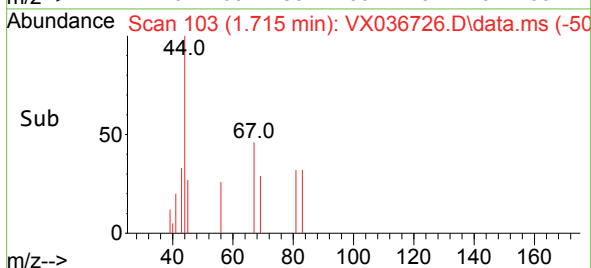
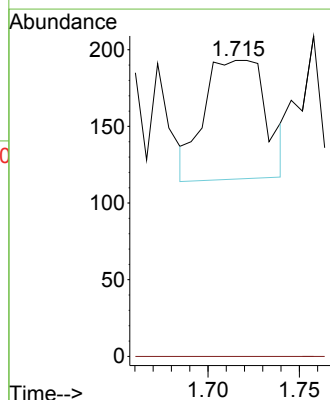
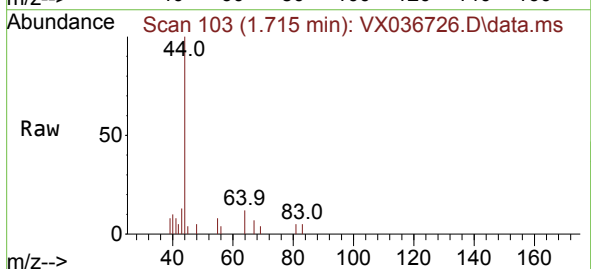
Instrument :
MSVOA_X
ClientSampleId :
1711DL

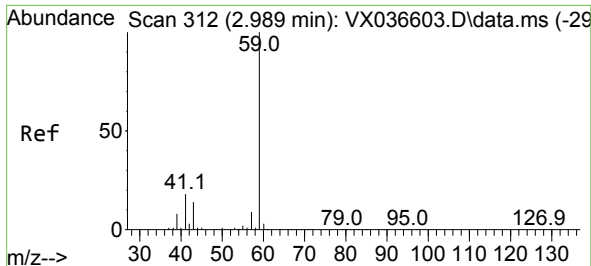
Tgt Ion:168 Resp: 127915
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#6
Chloroethane
Concen: 0.241 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.024 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 64 Resp: 183
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

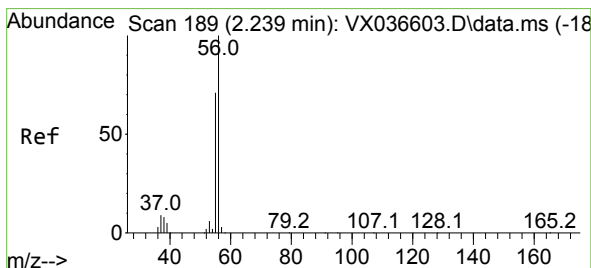
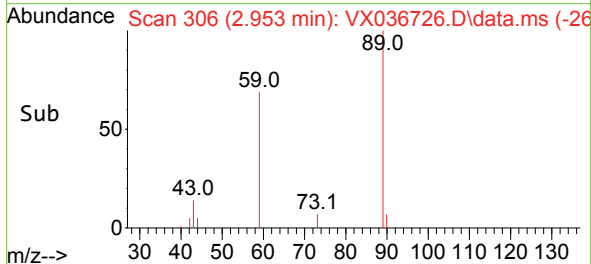
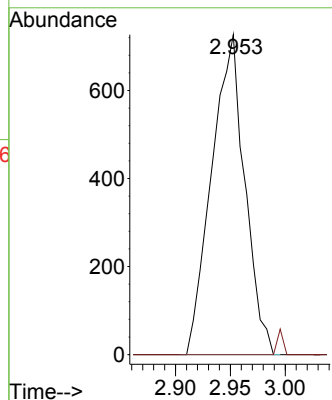
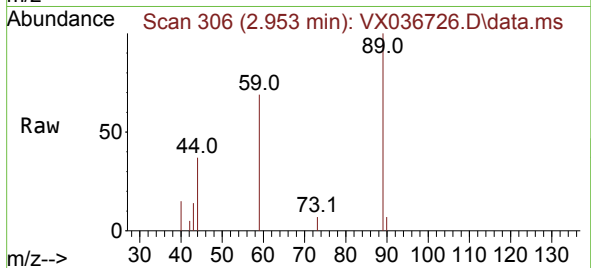




#11
Tert butyl alcohol
Concen: 3.412 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

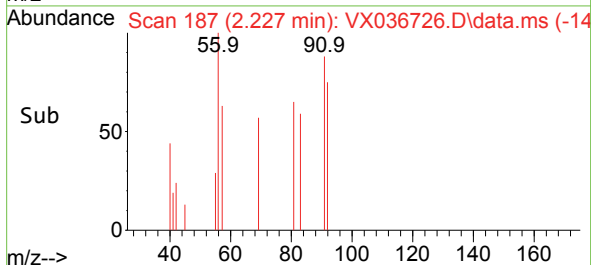
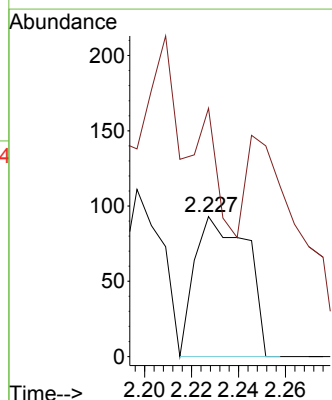
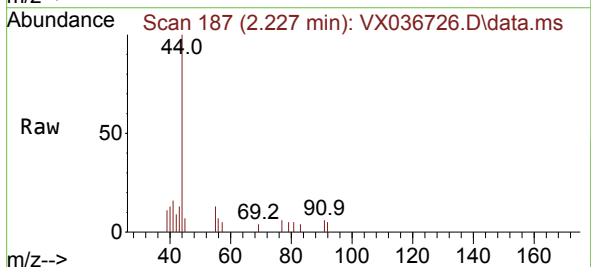
Instrument :
MSVOA_X
ClientSampleId :
1711DL

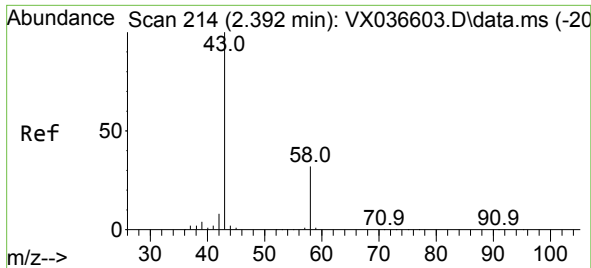
Tgt Ion: 59 Resp: 1529
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.559 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 160.1 57.1 85.7#





#16

Acetone

Concen: 1.911 ug/l

RT: 2.380 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX036726.D

Acq: 31 Jul 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

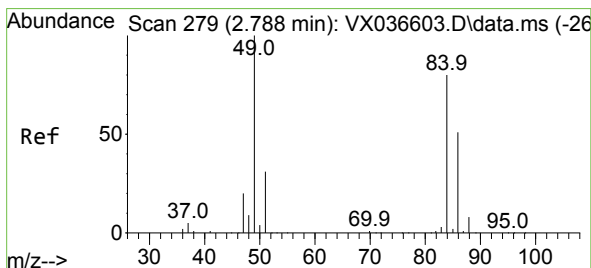
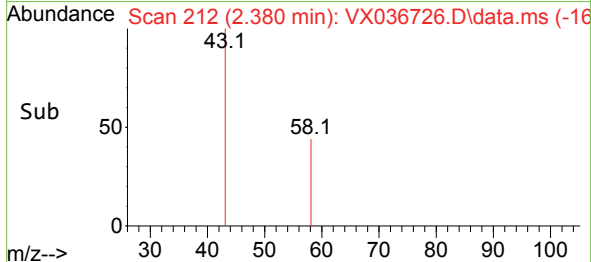
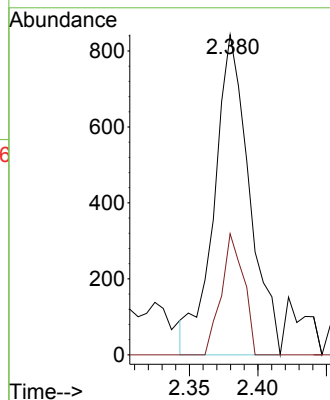
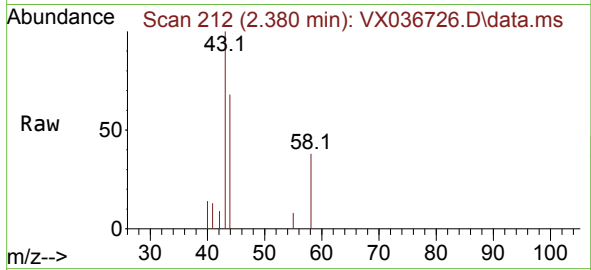
1711DL

Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

58 37.8 21.9 32.9#



#20

Methylene Chloride

Concen: 0.644 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036726.D

Acq: 31 Jul 2023 17:35

Tgt Ion: 84 Resp: 1124

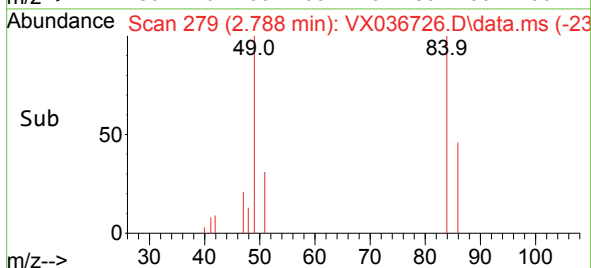
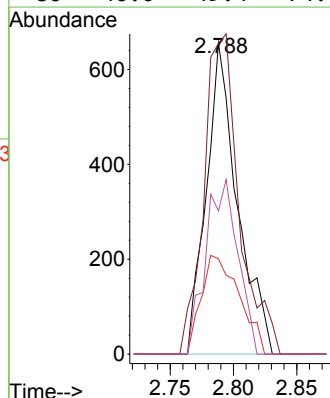
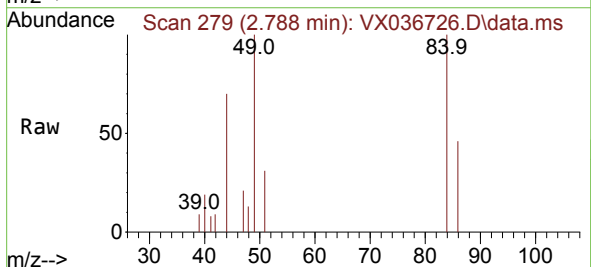
Ion Ratio Lower Upper

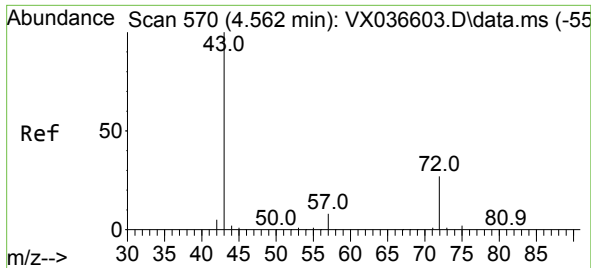
84 100

49 99.8 103.6 155.4#

51 30.6 33.8 50.6#

86 46.0 49.4 74.0#

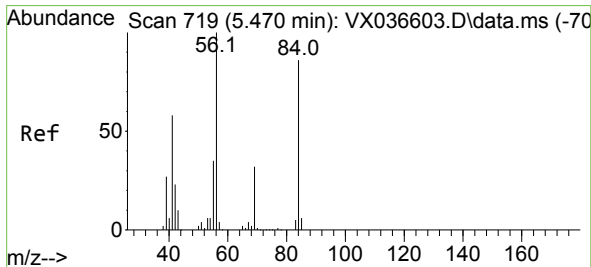
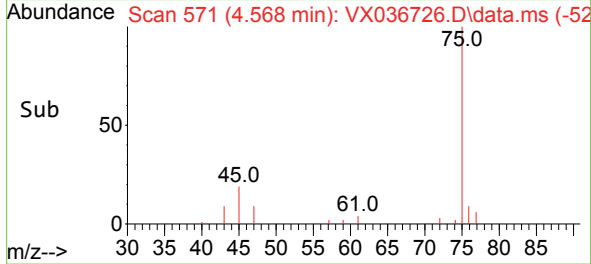
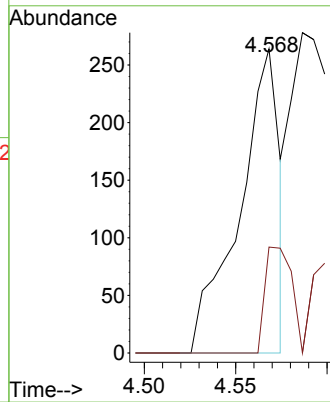
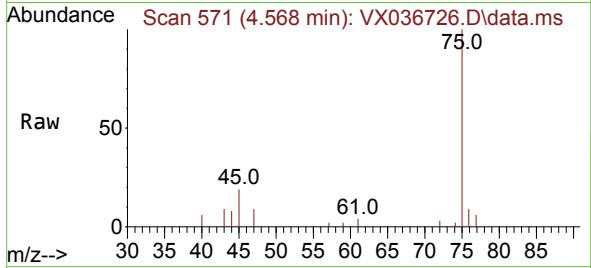




#25
2-Butanone
Concen: 0.316 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

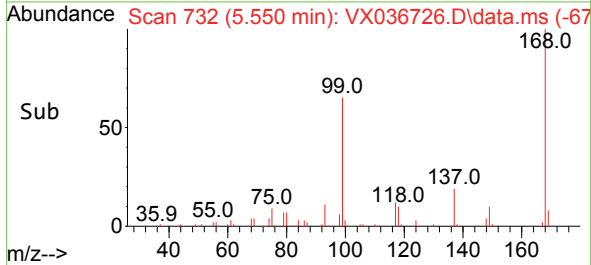
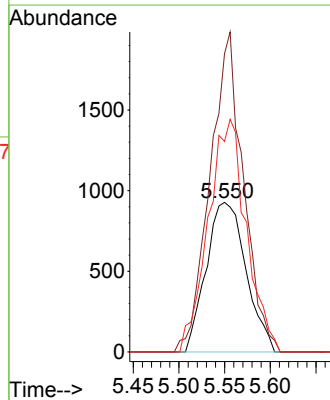
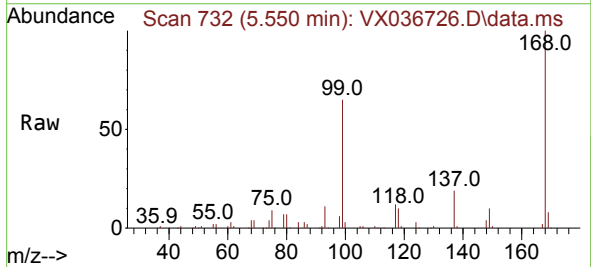
Instrument :
MSVOA_X
ClientSampleId :
1711DL

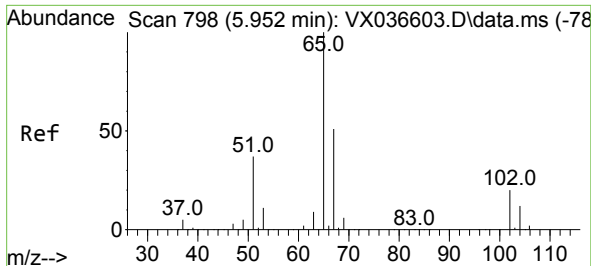
Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
72 34.8 19.4 29.2#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 56 Resp: 2804
Ion Ratio Lower Upper
56 100
69 199.5 23.4 35.2#
84 140.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.280 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036726.D

Acq: 31 Jul 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

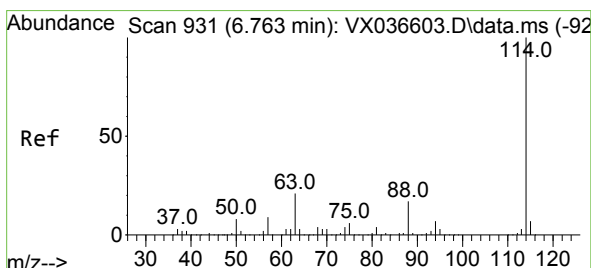
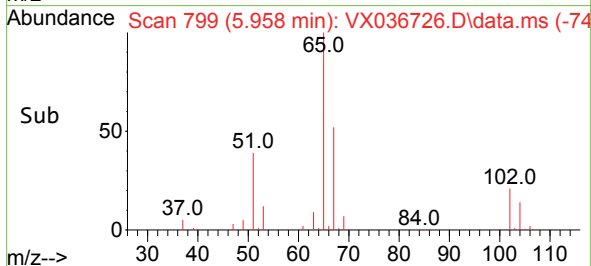
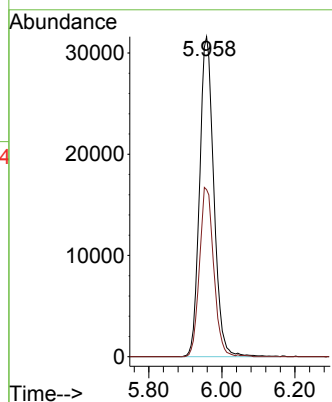
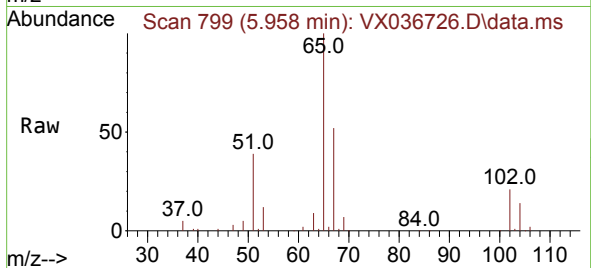
1711DL

Tgt Ion: 65 Resp: 85701

Ion Ratio Lower Upper

65 100

67 52.8 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: VX036726.D

Acq: 31 Jul 2023 17:35

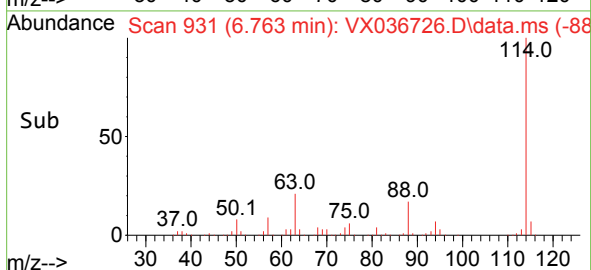
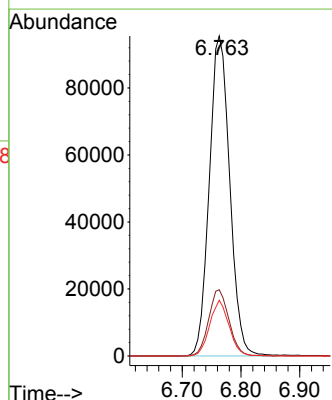
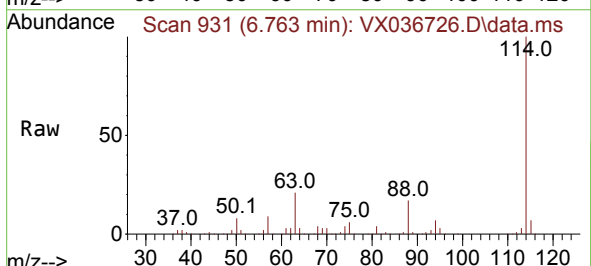
Tgt Ion: 114 Resp: 230962

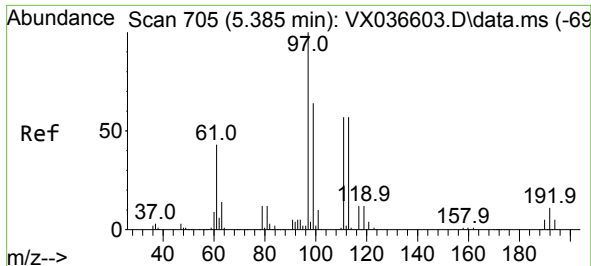
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 17.4 0.0 36.6

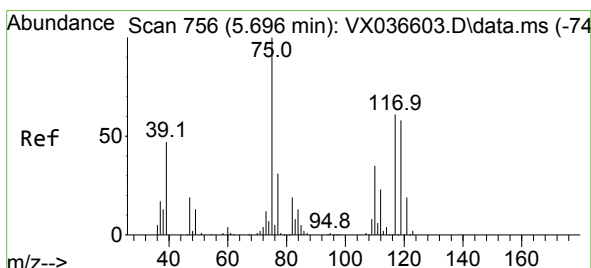
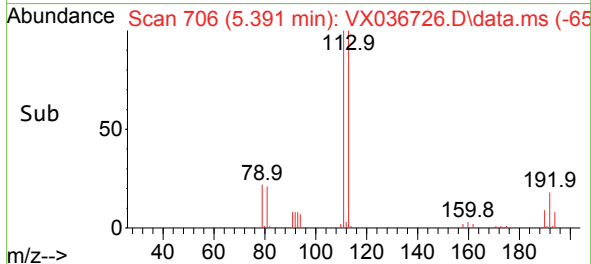
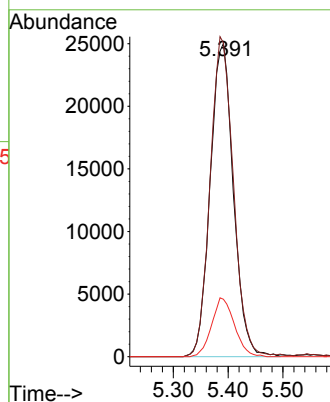
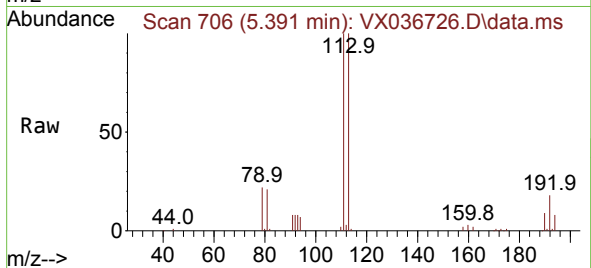




#35
Dibromofluoromethane
Concen: 46.269 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

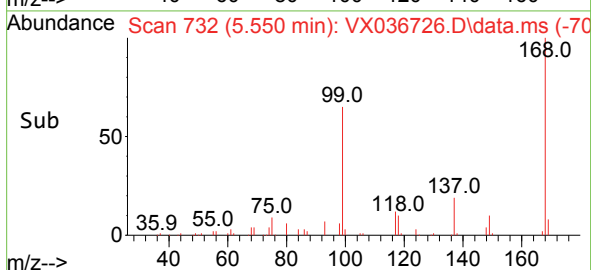
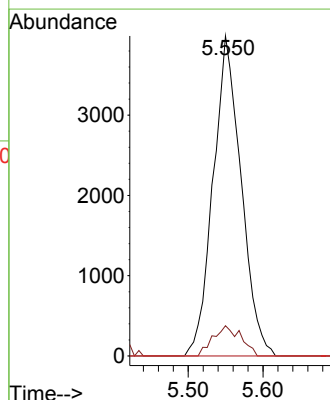
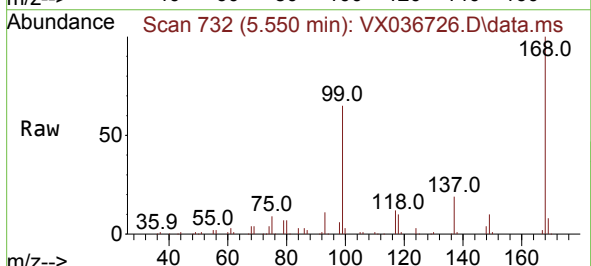
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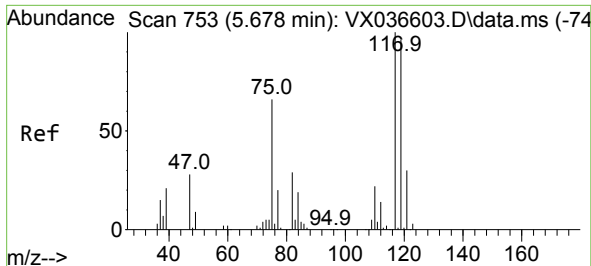
Tgt Ion:113 Resp: 73452
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.395 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

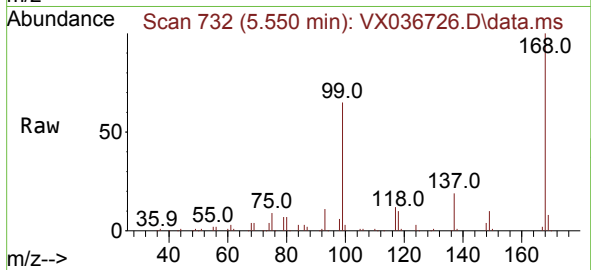
Tgt Ion: 75 Resp: 10400
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



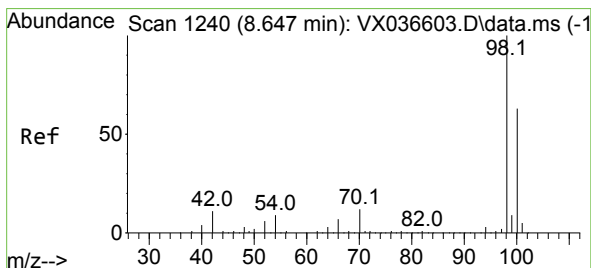
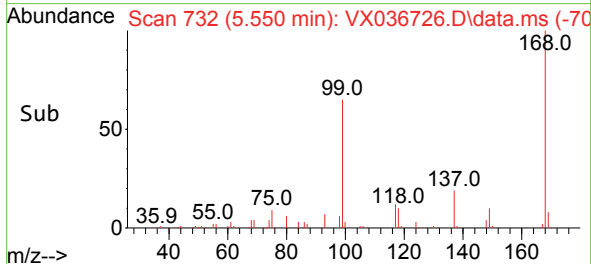
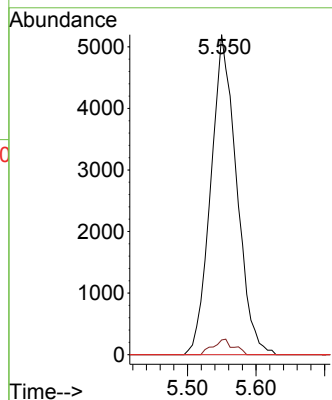


#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Instrument :
MSVOA_X
ClientSampleId :
1711DL

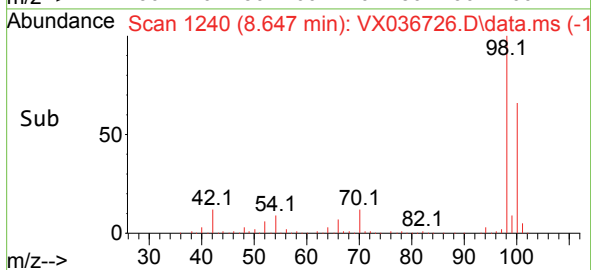
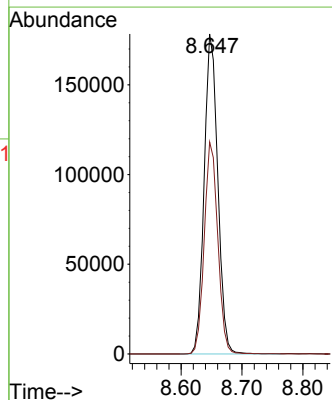
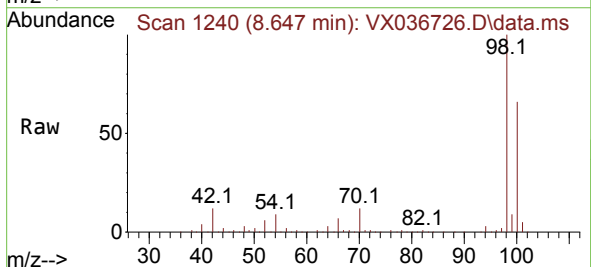


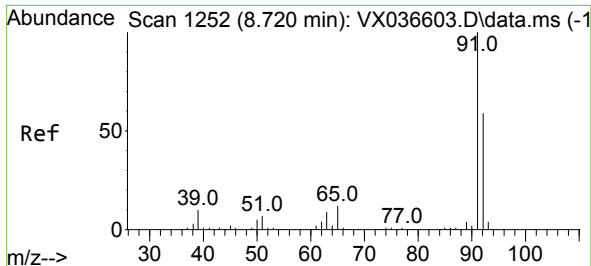
Tgt Ion:117 Resp: 13591
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 98 Resp: 277274
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

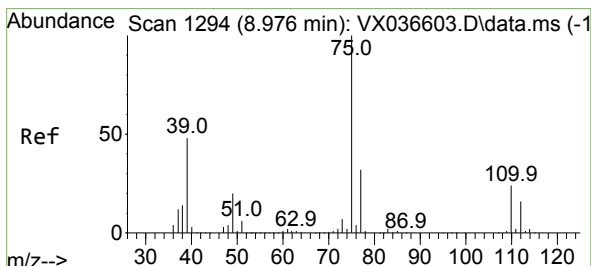
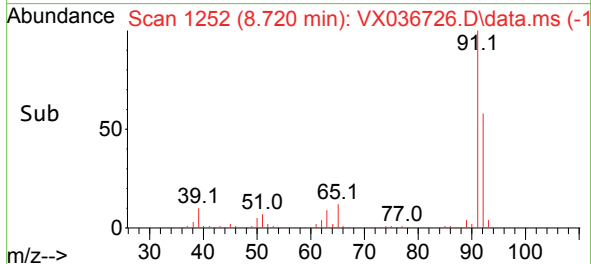
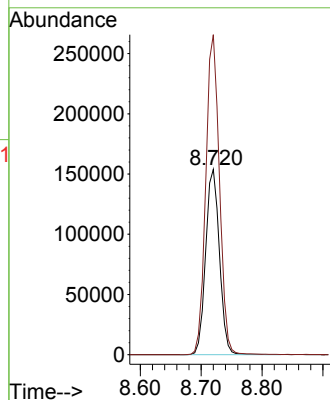
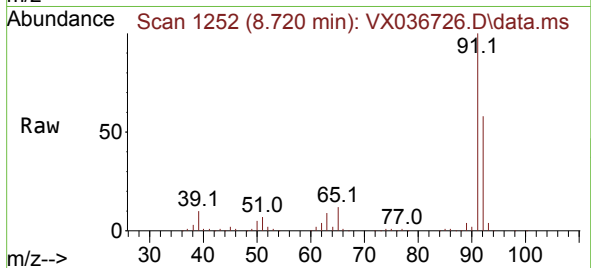




#52
Toluene
Concen: 55.957 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

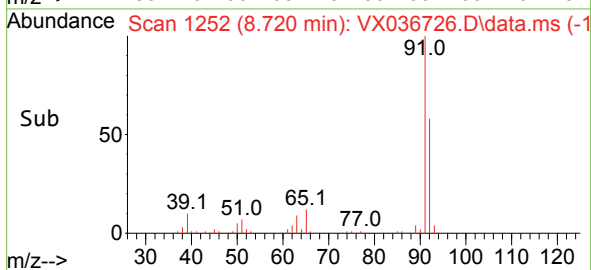
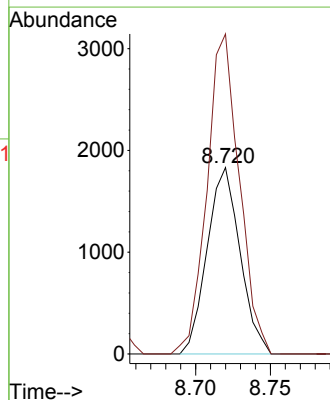
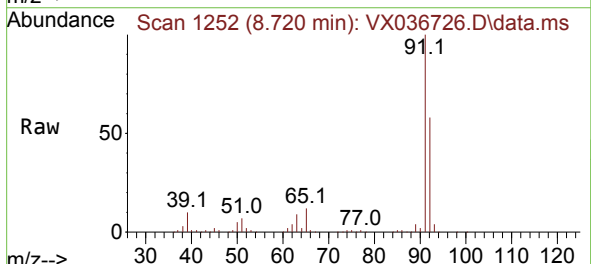
Instrument :
MSVOA_X
ClientSampleId :
1711DL

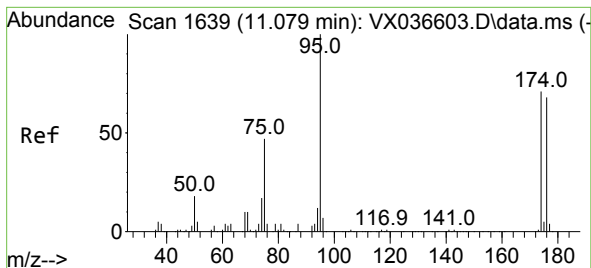
Tgt Ion: 92 Resp: 241374
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.941 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 75 Resp: 2807
Ion Ratio Lower Upper
75 100
77 171.6 25.7 38.5#

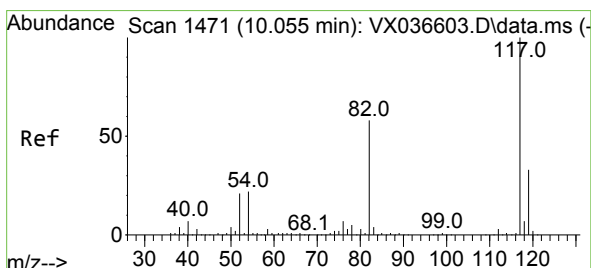
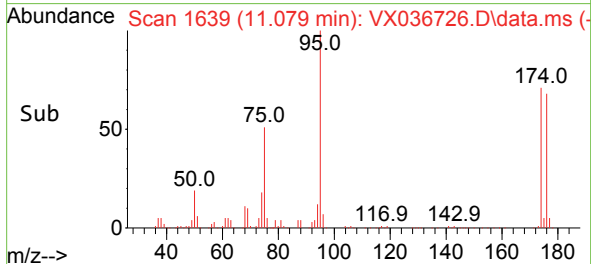
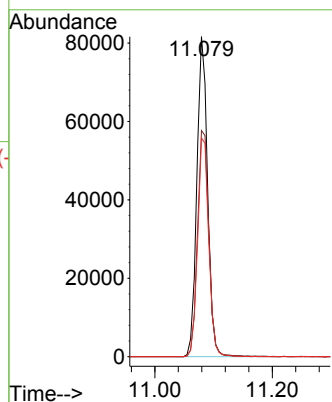
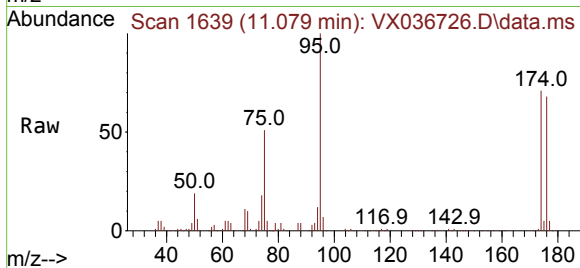




#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

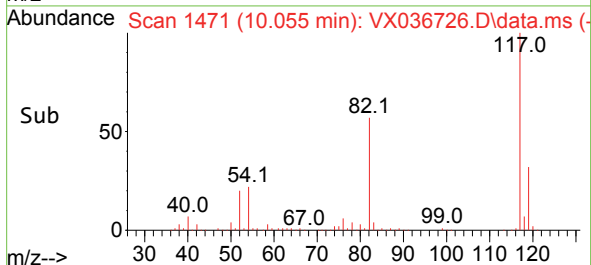
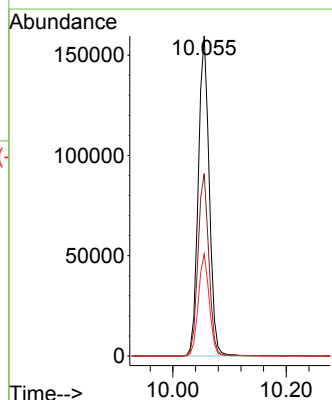
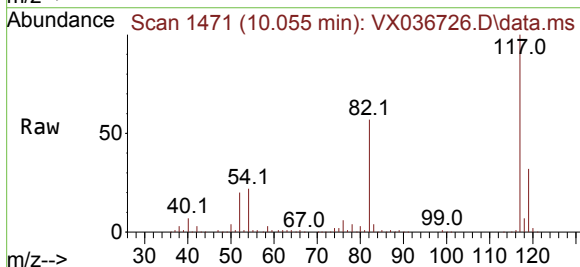
Instrument :
MSVOA_X
ClientSampleId :
1711DL

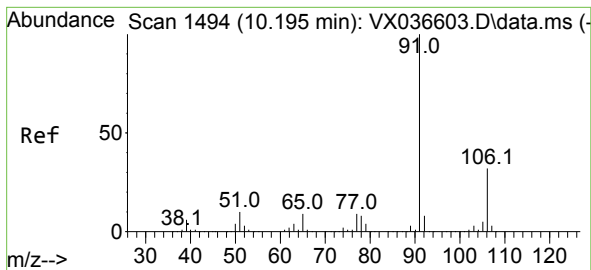
Tgt Ion: 95 Resp: 103645
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 117 Resp: 213376
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.0 25.5 38.3

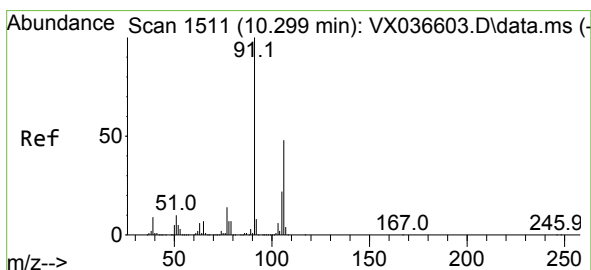
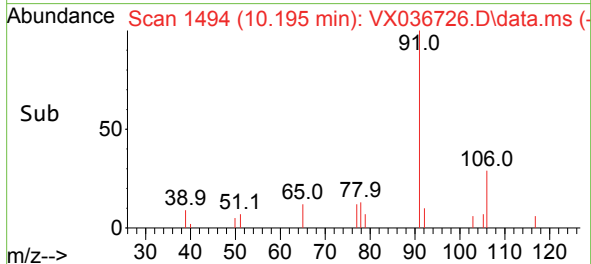
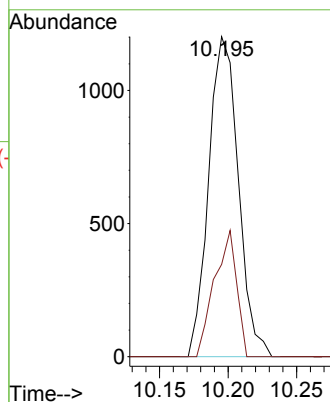
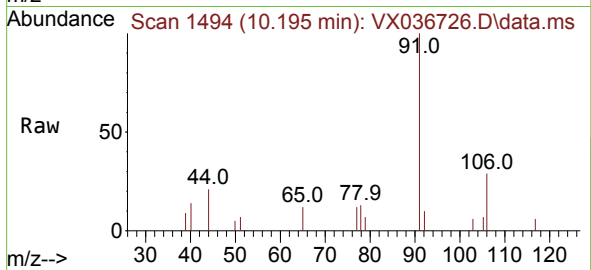




#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

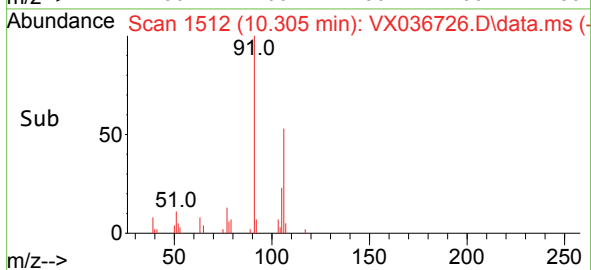
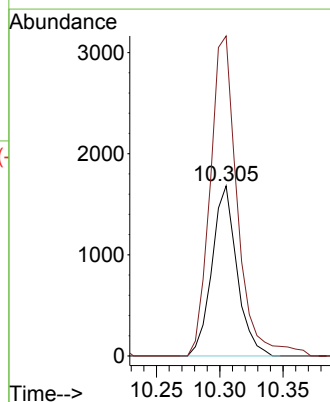
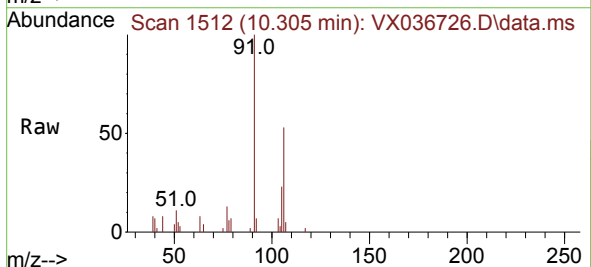
Instrument :
MSVOA_X
ClientSampleId :
1711DL

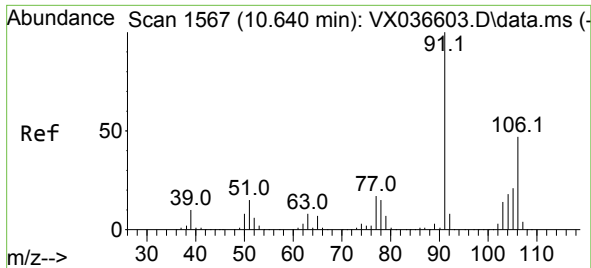
Tgt Ion: 91 Resp: 1806
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3



#68
m/p-Xylenes
Concen: 0.722 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 106 Resp: 2314
Ion Ratio Lower Upper
106 100
91 204.4 165.5 248.3

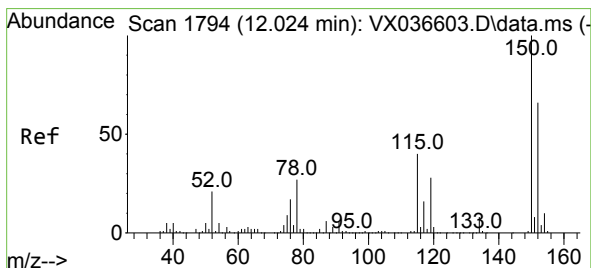
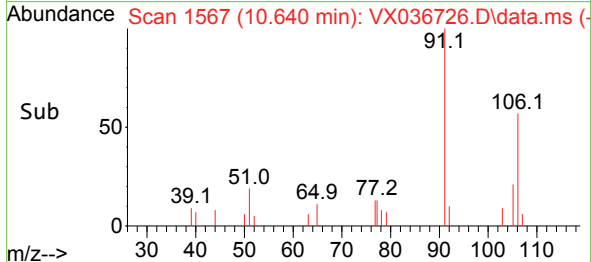
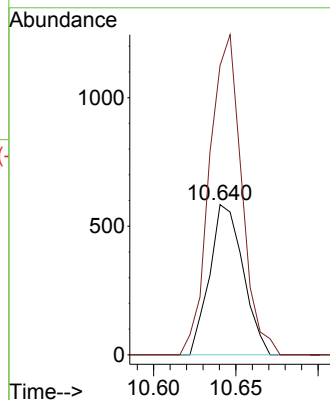
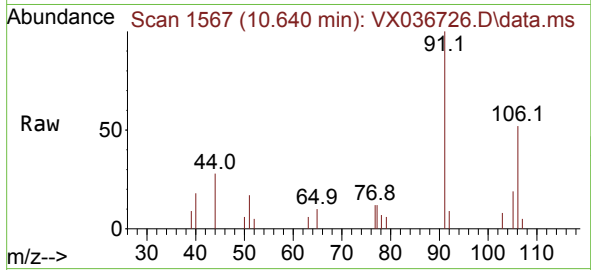




#69
o-Xylene
Concen: 0.258 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

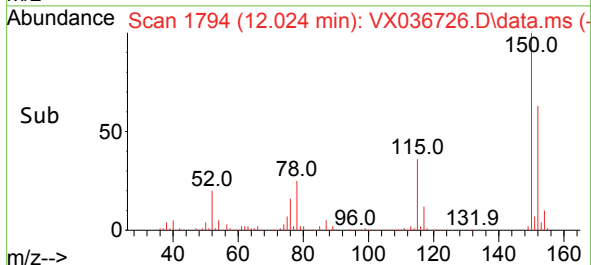
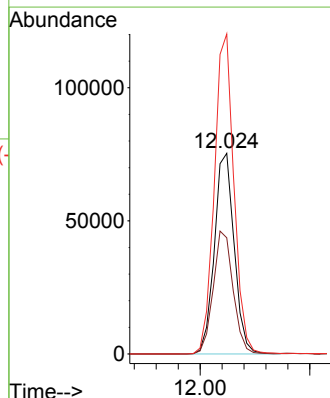
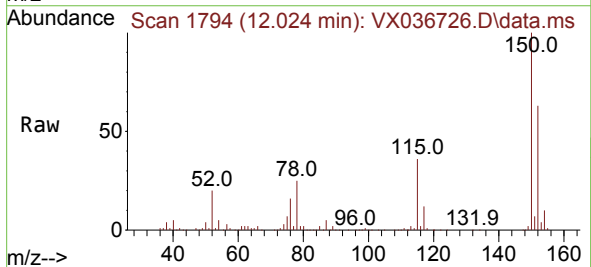
Instrument :
MSVOA_X
ClientSampleId :
1711DL

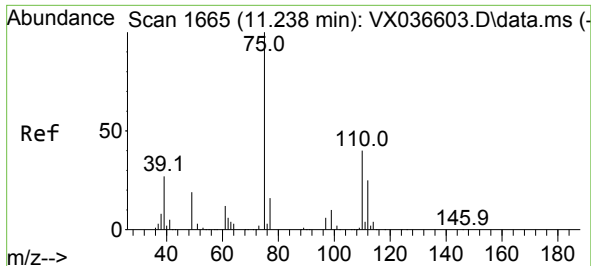
Tgt Ion:106 Resp: 827
Ion Ratio Lower Upper
106 100
91 204.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion:152 Resp: 94710
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 157.6 0.0 345.0

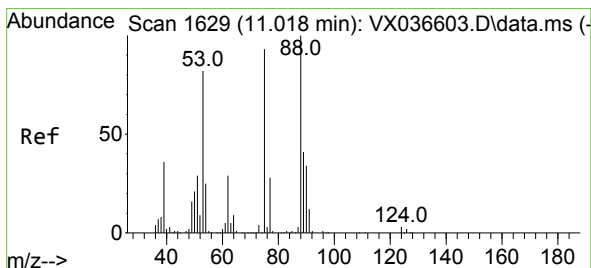
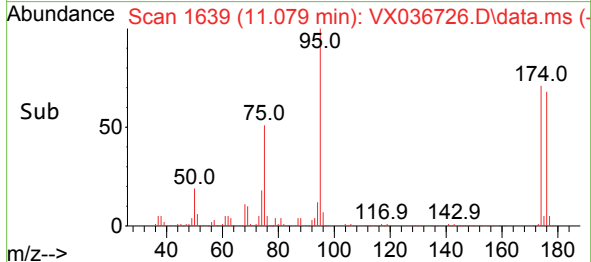
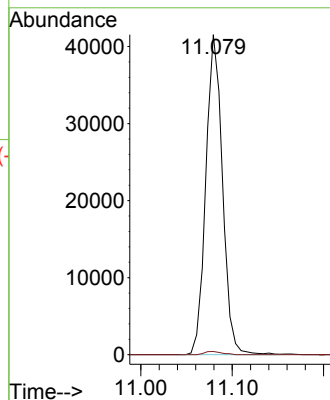
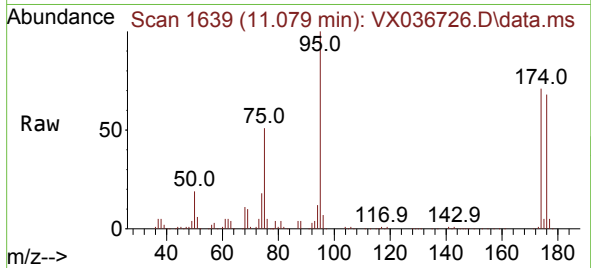




#76
1,2,3-Trichloropropane
Concen: 23.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Instrument :
MSVOA_X
ClientSampleId :
1711DL

Tgt Ion: 75 Resp: 52619
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 75 Resp: 52619
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

