

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037553.D
 Acq On : 06 Sep 2023 14:35
 Operator : JC/MD
 Sample : 04220-03DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW7DL

Quant Time: Sep 06 22:46:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

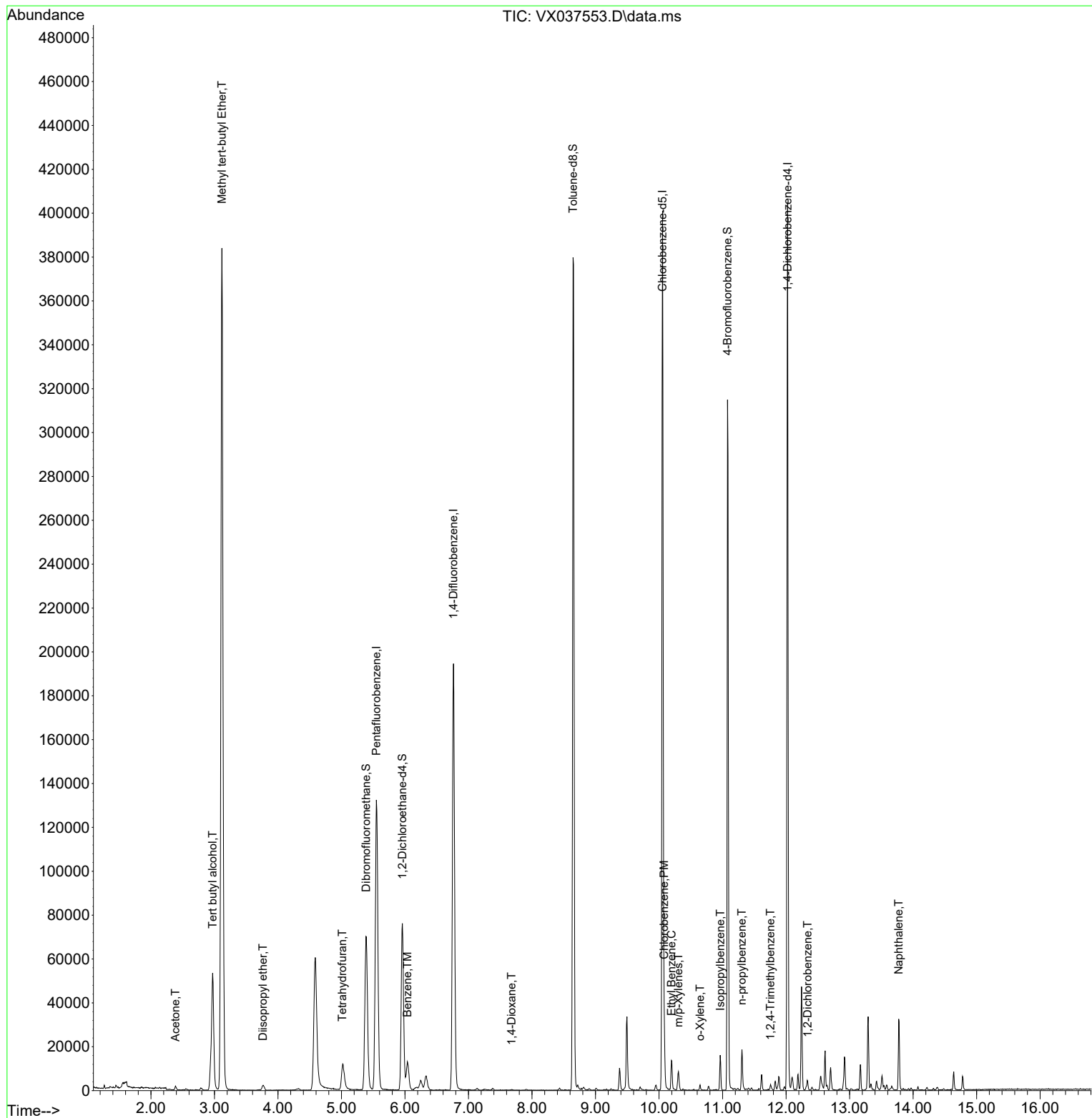
Internal Standards						
1) Pentafluorobenzene	5.550	168	128211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73149	39.574	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.140%		
35) Dibromofluoromethane	5.385	113	64701	46.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	245289	48.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.840%		
62) 4-Bromofluorobenzene	11.079	95	89782	45.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.200%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	67579	155.859	ug/l #	94
16) Acetone	2.386	43	1568	2.168	ug/l #	59
19) Methyl tert-butyl Ether	3.117	73	460759	92.050	ug/l	98
22) Diisopropyl ether	3.763	45	2448	0.584	ug/l #	67
29) Tetrahydrofuran	5.013	42	11277	16.241	ug/l #	85
40) Benzene	6.037	78	16404	2.883	ug/l	99
49) 1,4-Dioxane	7.677	88	238	5.631	ug/l #	90
65) Chlorobenzene	10.079	112	12161	3.026	ug/l	96
67) Ethyl Benzene	10.195	91	8768	1.240	ug/l	94
68) m/p-Xylenes	10.305	106	1969	0.721	ug/l	90
69) o-Xylene	10.646	106	571	0.212	ug/l	97
73) Isopropylbenzene	10.963	105	8442	1.347	ug/l	99
78) n-propylbenzene	11.305	91	7783	1.115	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1494	0.283	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	1244	0.443	ug/l	95
95) Naphthalene	13.774	128	21587	3.001	ug/l	99

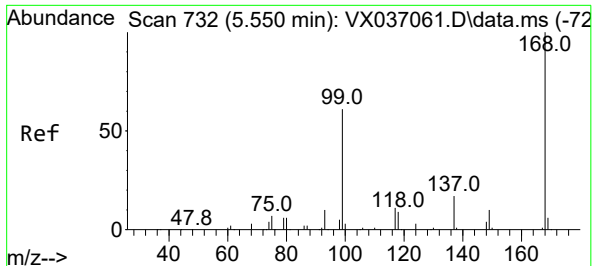
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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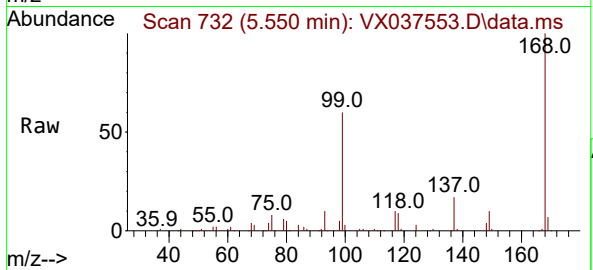
Quant Time: Sep 06 22:46:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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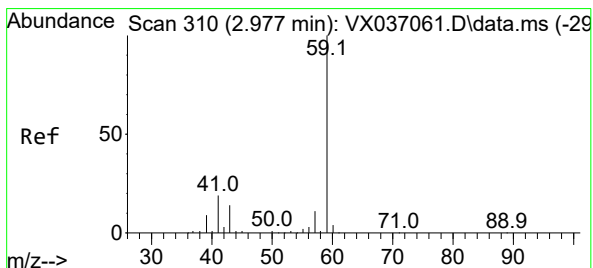
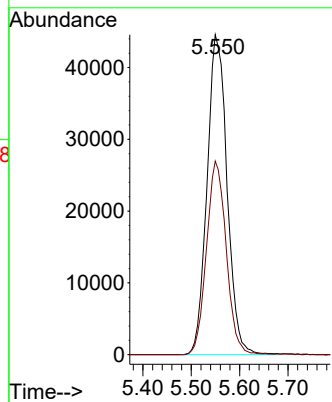
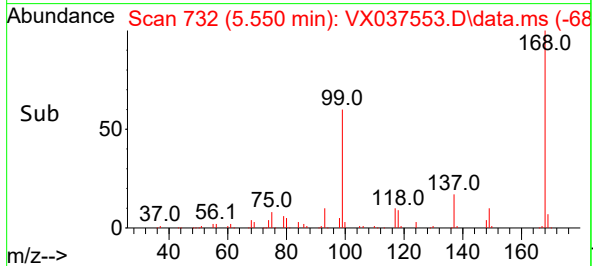


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
MW7DL

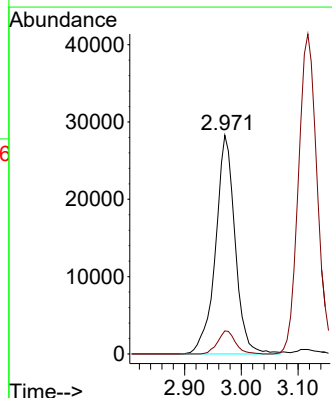
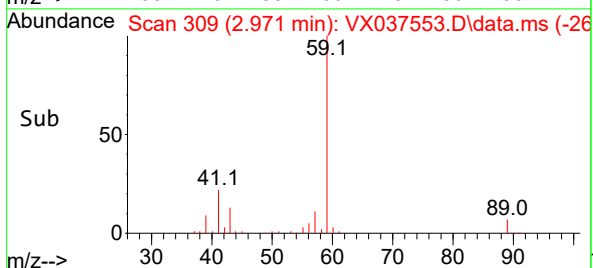
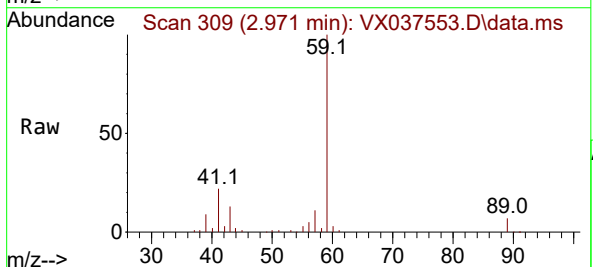


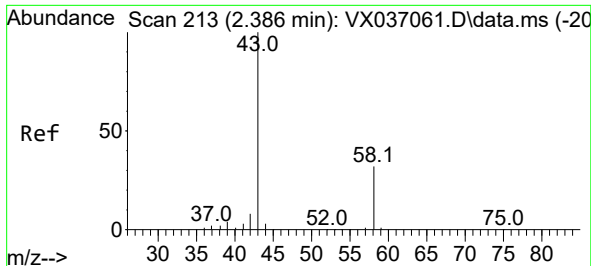
Tgt Ion:168 Resp: 128211
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 155.859 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion: 59 Resp: 67579
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0#

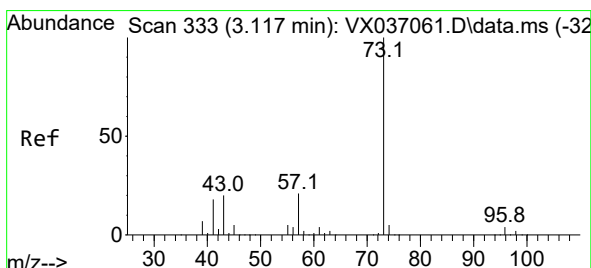
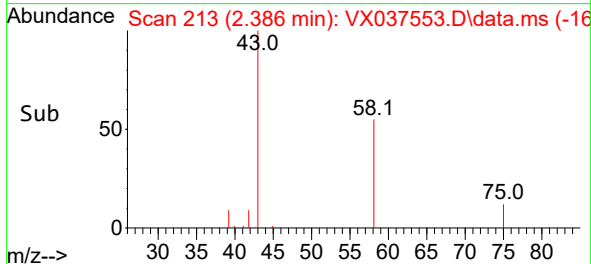
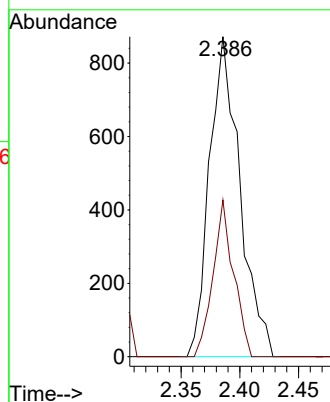
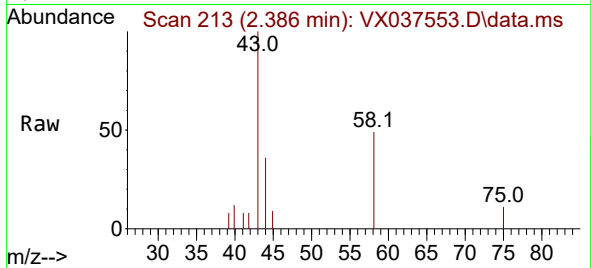




#16
Acetone
Concen: 2.168 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

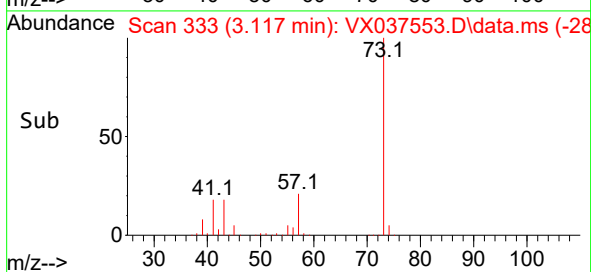
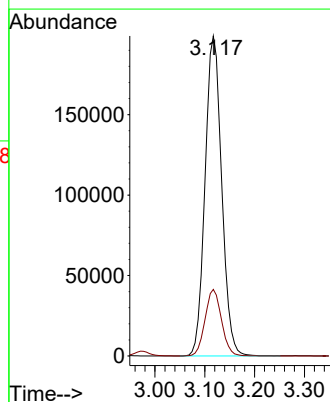
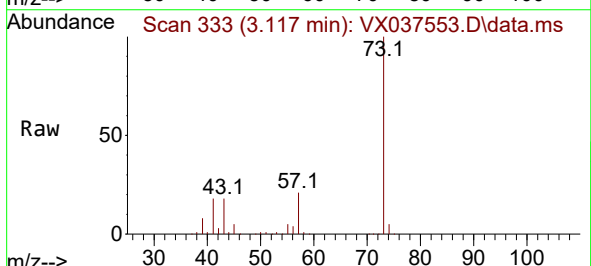
Instrument :
MSVOA_X
ClientSampleId :
MW7DL

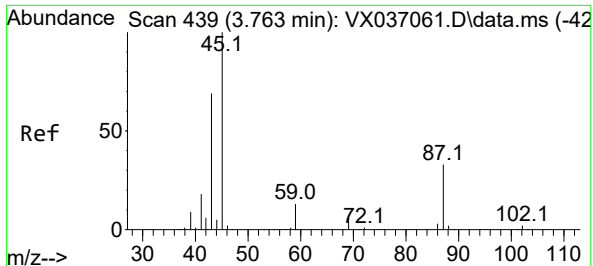
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 49.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 92.050 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion: 73 Resp: 460759
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

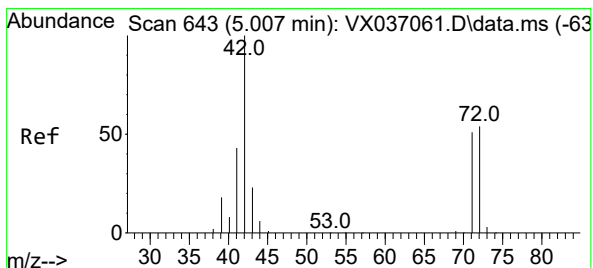
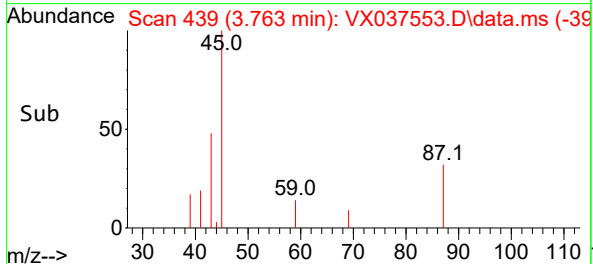
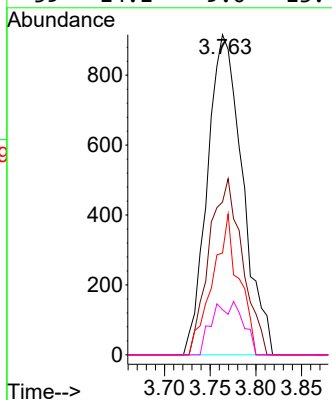
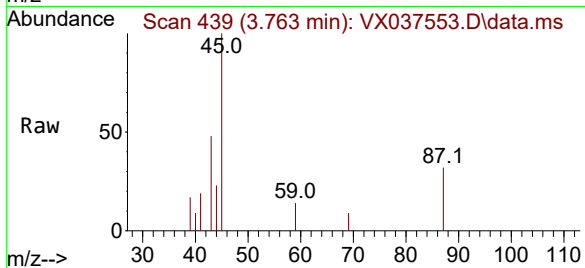




#22
Diisopropyl ether
Concen: 0.584 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

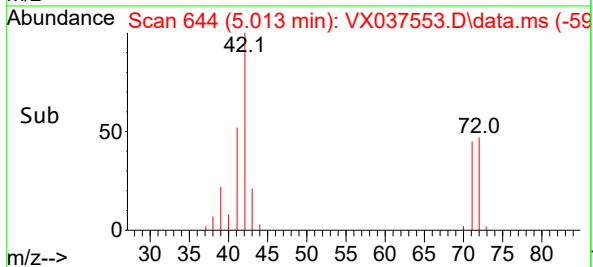
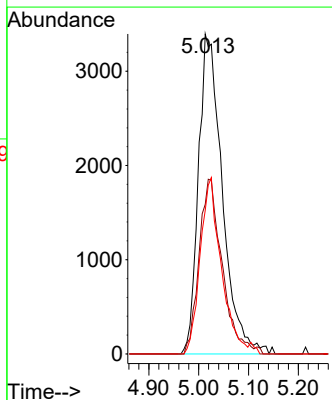
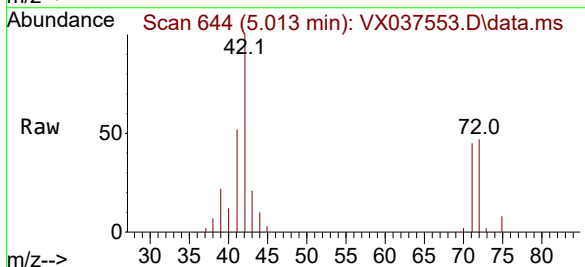
Instrument :
MSVOA_X
ClientSampleId :
MW7DL

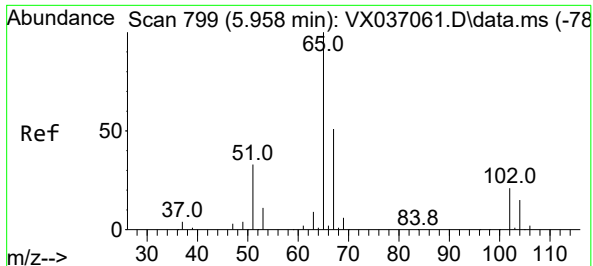
Tgt Ion:	45	Resp:	2448
Ion	Ratio	Lower	Upper
45	100		
43	47.7	69.7	104.5#
87	31.8	20.8	31.2#
59	14.1	9.0	13.4#



#29
Tetrahydrofuran
Concen: 16.241 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion:	42	Resp:	11277
Ion	Ratio	Lower	Upper
42	100		
72	53.2	34.2	51.4#
71	48.4	32.2	48.2#





#33

1,2-Dichloroethane-d4

Concen: 39.574 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037553.D

Acq: 06 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

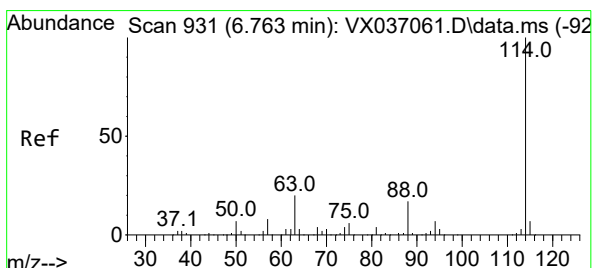
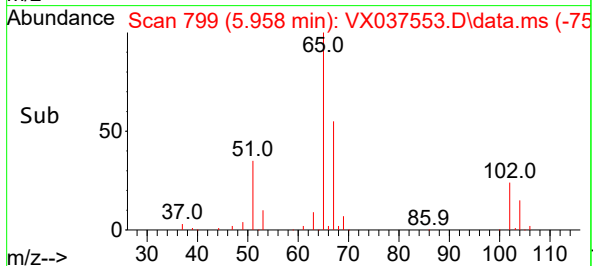
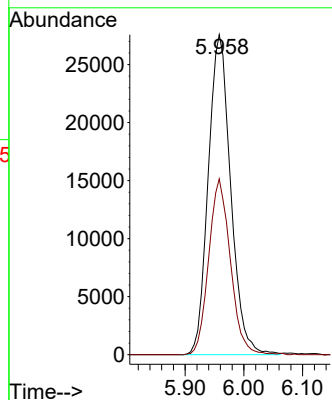
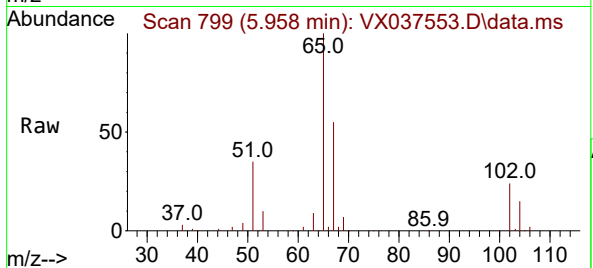
MW7DL

Tgt Ion: 65 Resp: 73149

Ion Ratio Lower Upper

65 100

67 53.1 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: VX037553.D

Acq: 06 Sep 2023 14:35

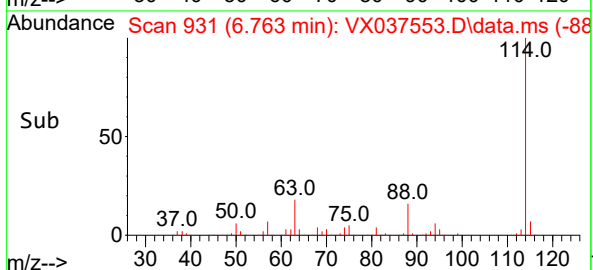
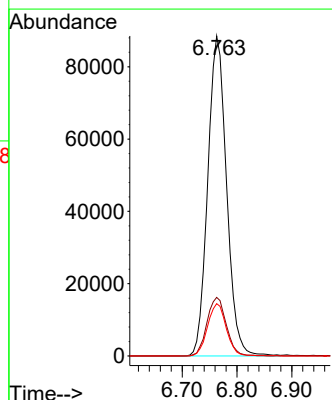
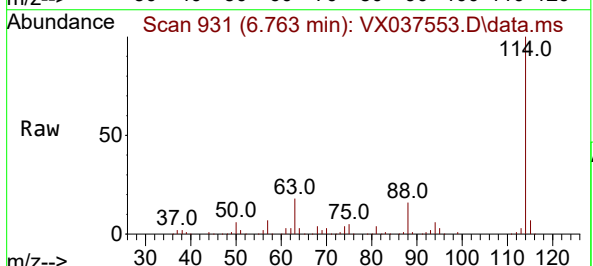
Tgt Ion: 114 Resp: 210878

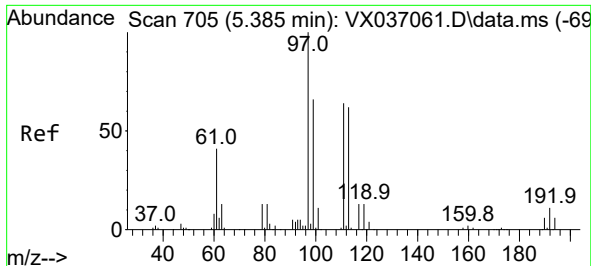
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 16.3 0.0 36.6

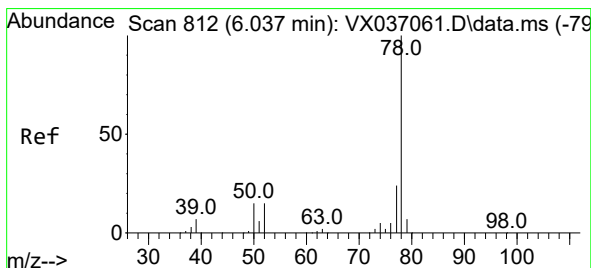
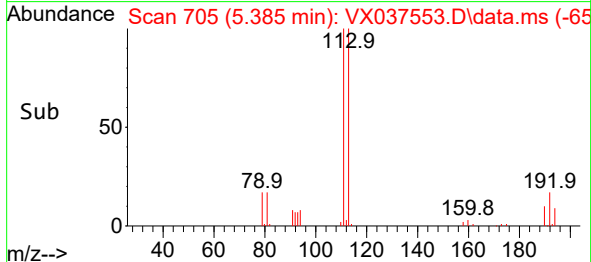
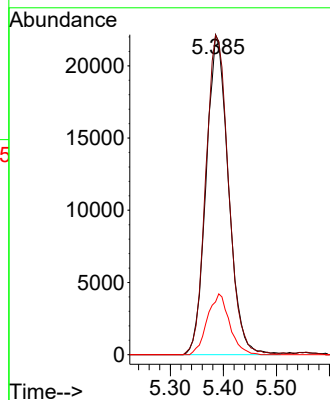
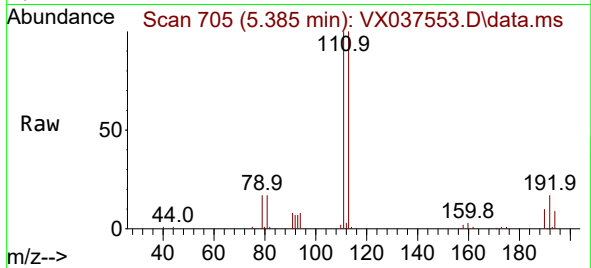




#35
Dibromofluoromethane
Concen: 46.328 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

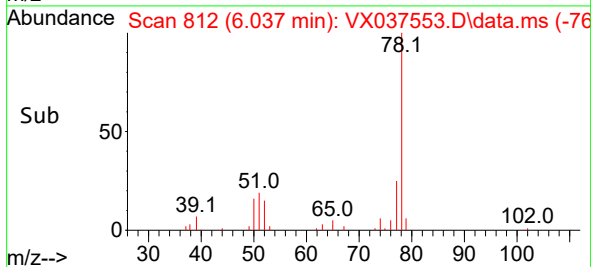
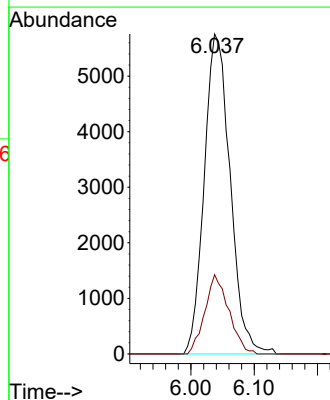
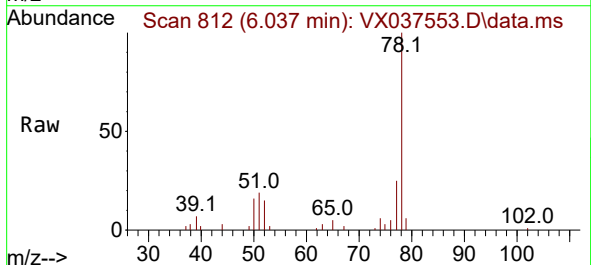
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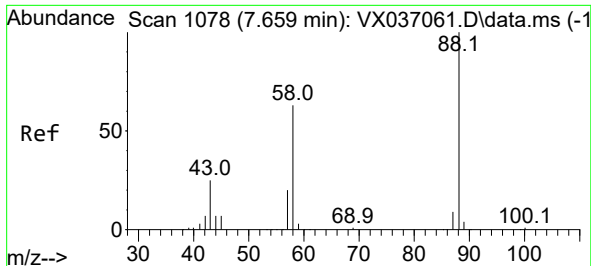
Tgt Ion:113 Resp: 64701
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.9 13.3 19.9



#40
Benzene
Concen: 2.883 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion: 78 Resp: 16404
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





#49

1,4-Dioxane

Concen: 5.631 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX037553.D

Acq: 06 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MW7DL

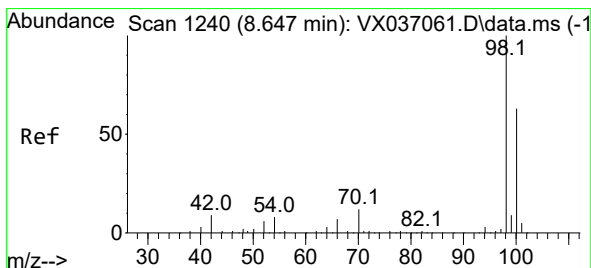
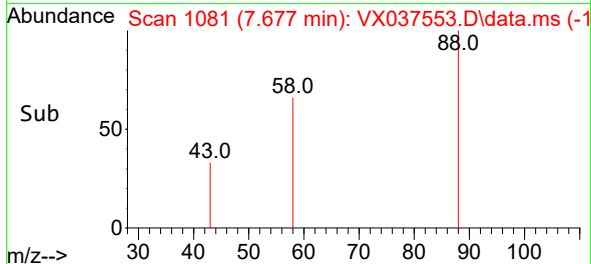
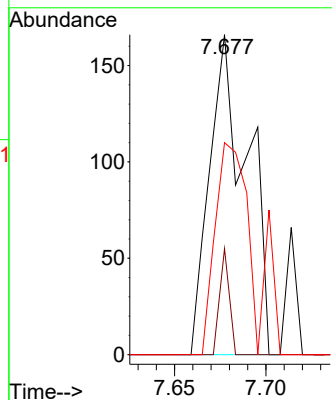
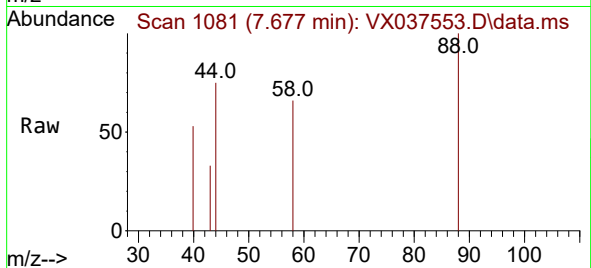
Tgt Ion: 88 Resp: 238

Ion Ratio Lower Upper

88 100

43 8.4 0.0 0.0#

58 66.4 60.1 90.1



#50

Toluene-d8

Concen: 48.419 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037553.D

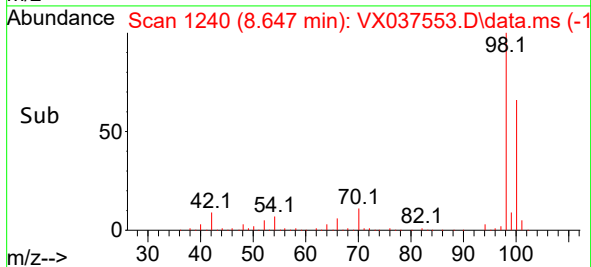
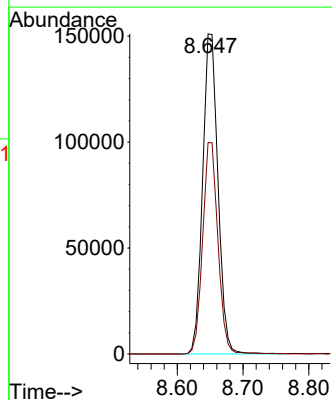
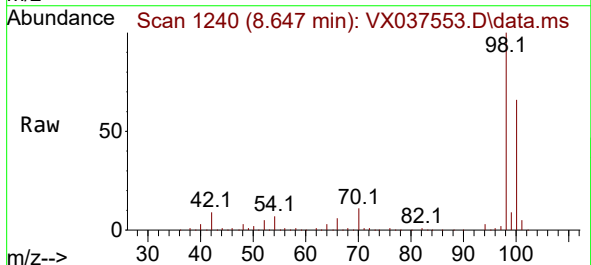
Acq: 06 Sep 2023 14:35

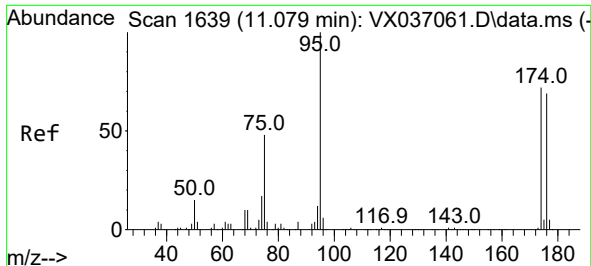
Tgt Ion: 98 Resp: 245289

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7

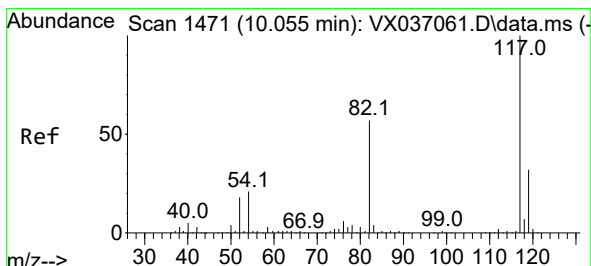
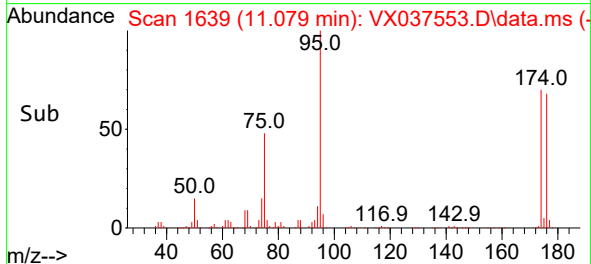
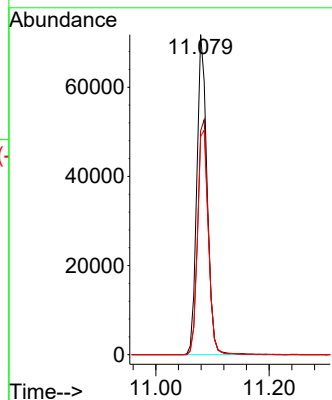
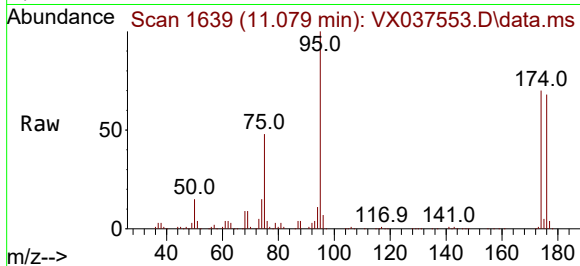




#62
4-Bromofluorobenzene
Concen: 45.097 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

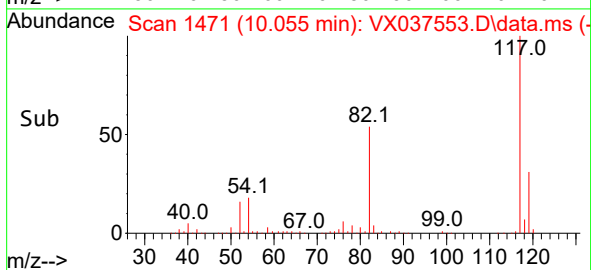
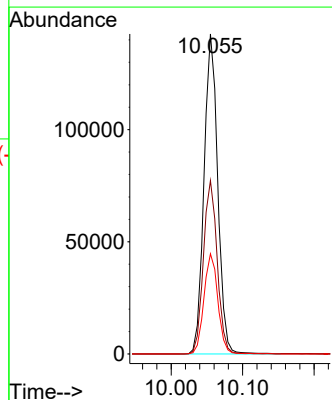
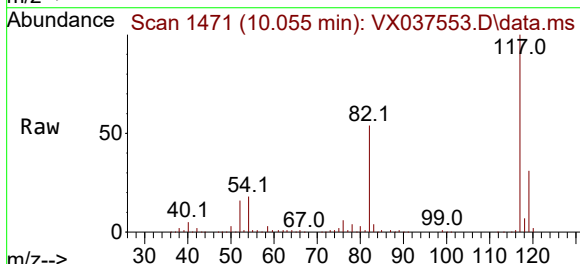
Instrument :
MSVOA_X
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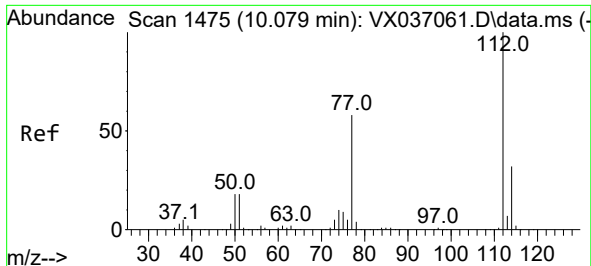
Tgt Ion: 95 Resp: 89782
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 73.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion: 117 Resp: 190177
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.3 25.5 38.3

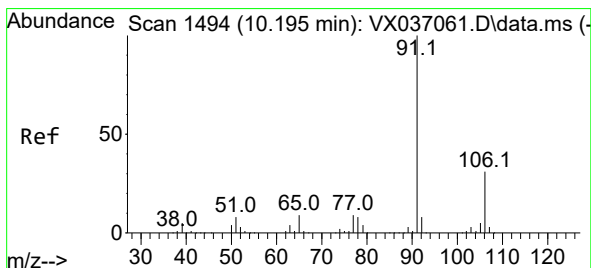
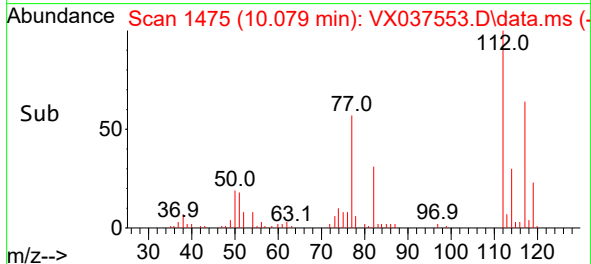
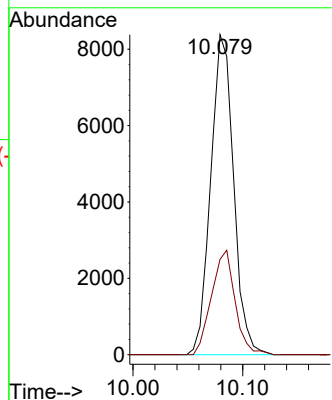
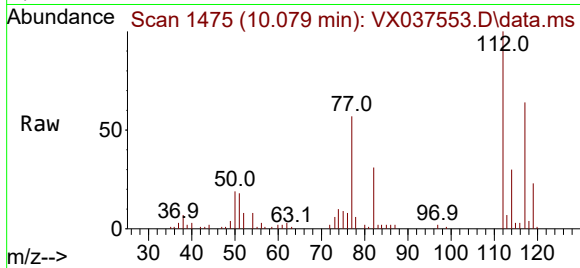




#65
Chlorobenzene
Concen: 3.026 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

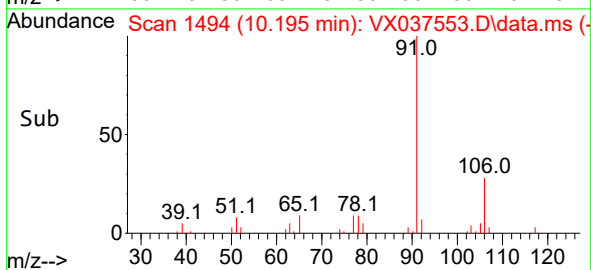
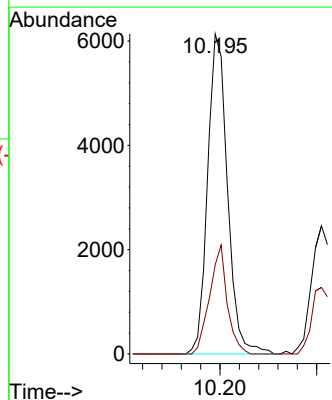
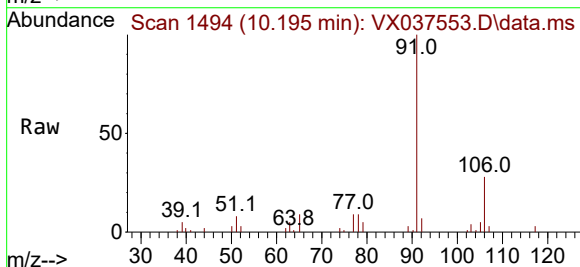
Instrument :
MSVOA_X
ClientSampleId :
MW7DL

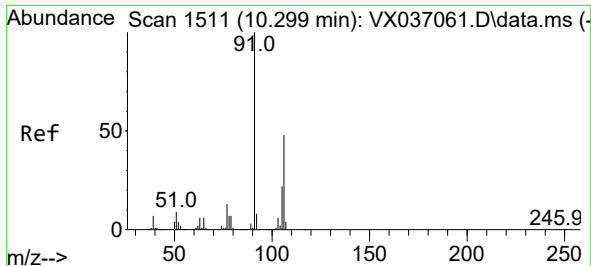
Tgt Ion:112 Resp: 12161
Ion Ratio Lower Upper
112 100
114 29.8 25.7 38.5



#67
Ethyl Benzene
Concen: 1.240 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion: 91 Resp: 8768
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3

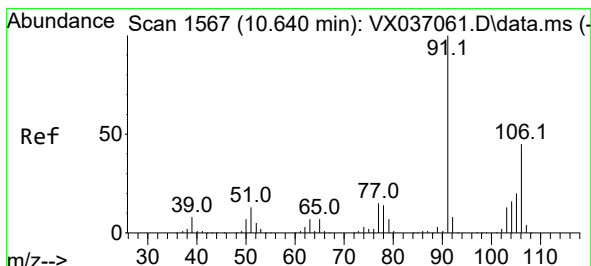
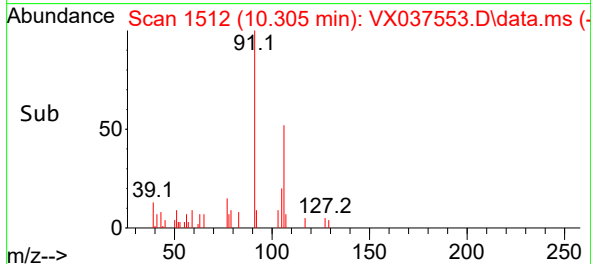
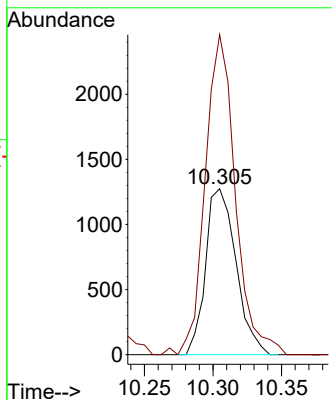
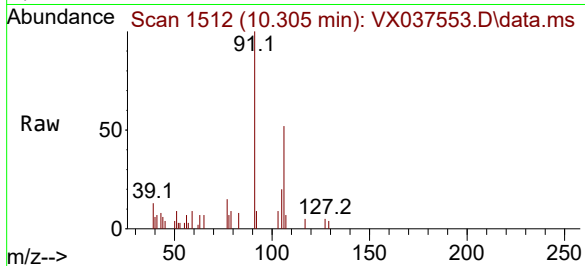




#68
m/p-Xylenes
Concen: 0.721 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

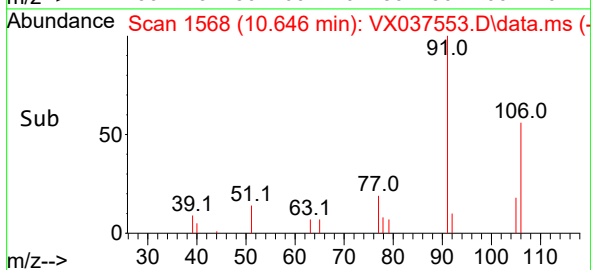
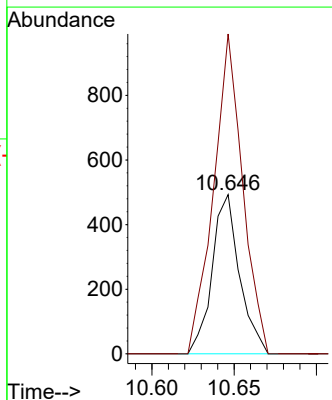
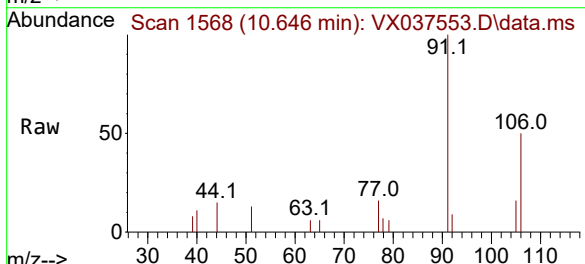
Instrument :
MSVOA_X
ClientSampleId :
MW7DL

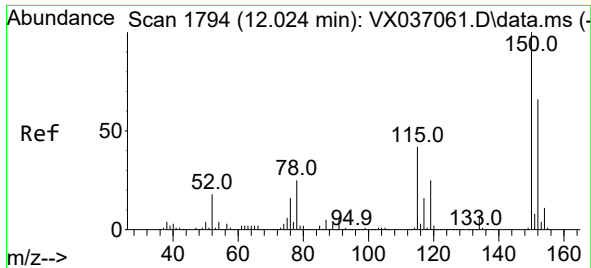
Tgt Ion:106 Resp: 1969
Ion Ratio Lower Upper
106 100
91 191.3 165.5 248.3



#69
o-Xylene
Concen: 0.212 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion:106 Resp: 571
Ion Ratio Lower Upper
106 100
91 213.7 108.9 326.8

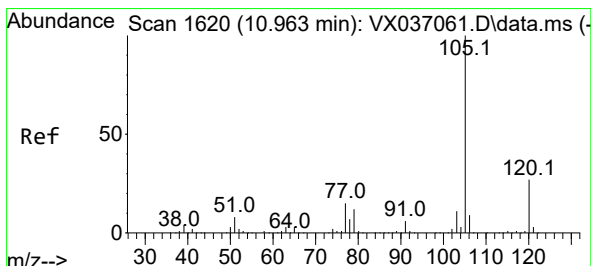
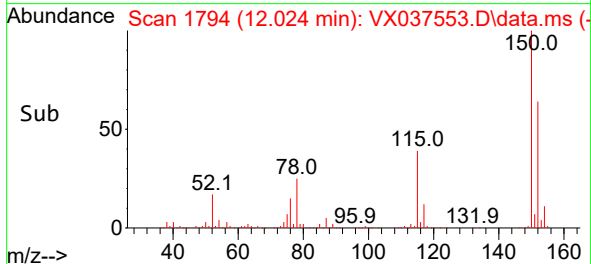
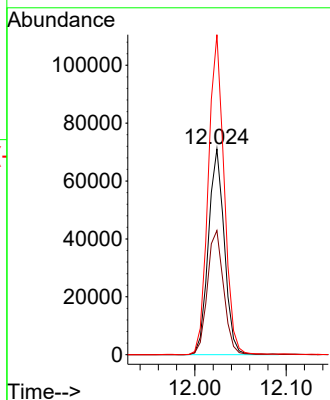
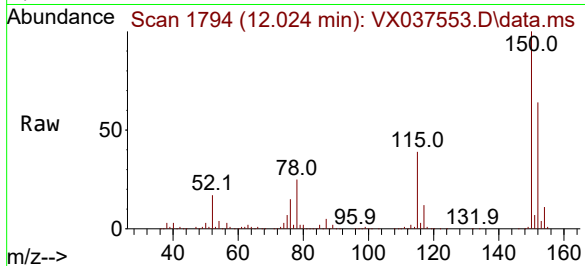




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

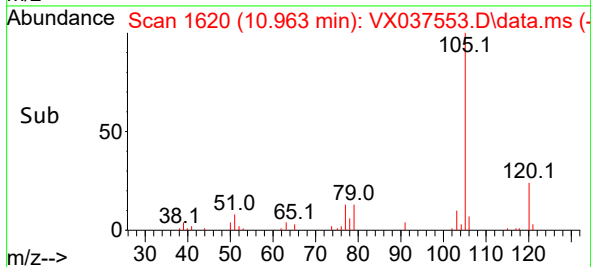
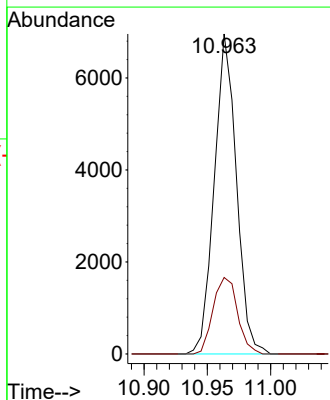
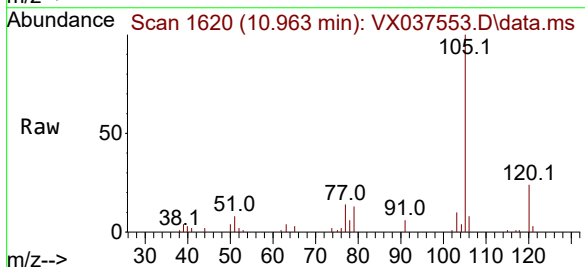
Instrument :
MSVOA_X
ClientSampleId :
MW7DL

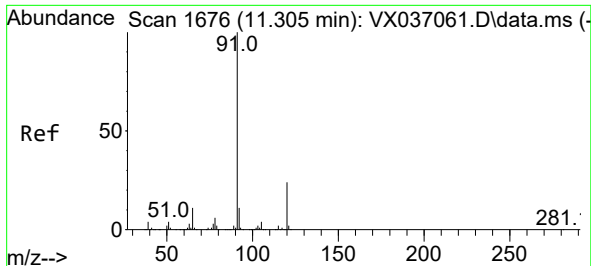
Tgt Ion:152 Resp: 86249
Ion Ratio Lower Upper
152 100
115 61.7 43.3 129.9
150 154.7 0.0 345.0



#73
Isopropylbenzene
Concen: 1.347 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion:105 Resp: 8442
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

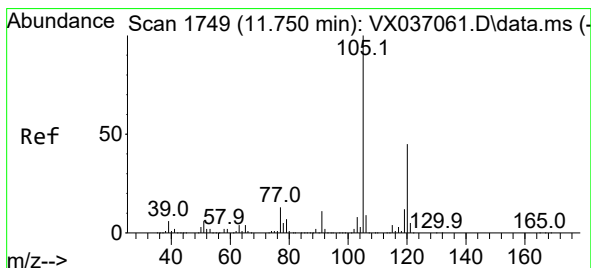
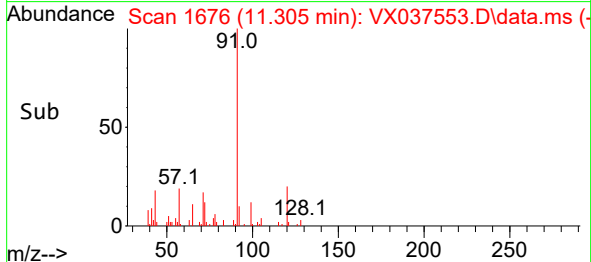
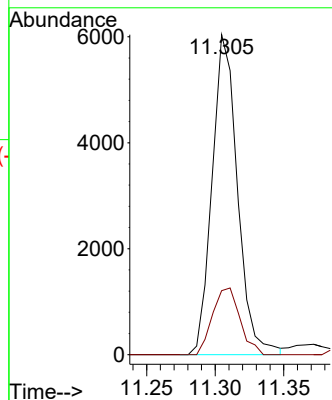
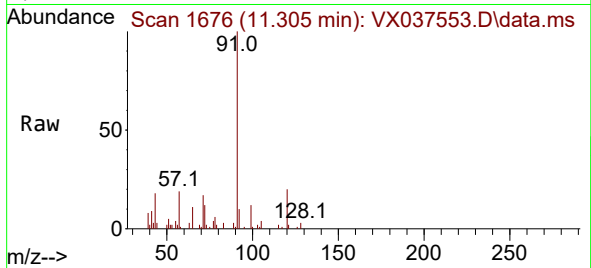




#78
n-propylbenzene
Concen: 1.115 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

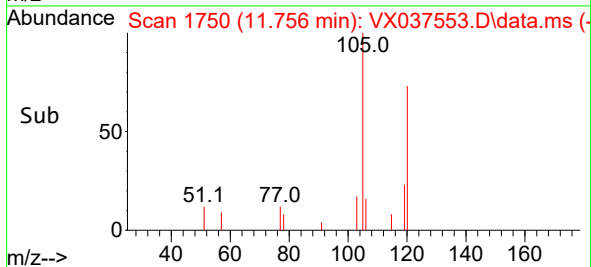
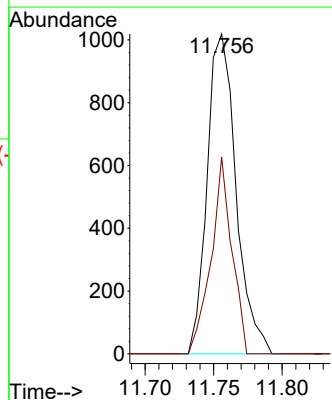
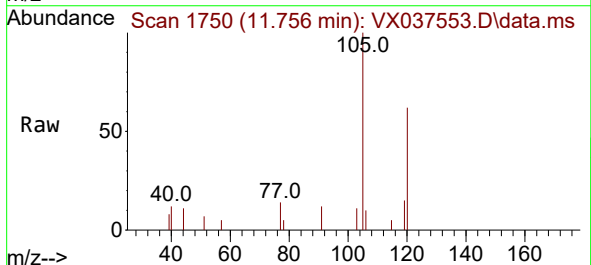
Instrument :
MSVOA_X
ClientSampleId :
MW7DL

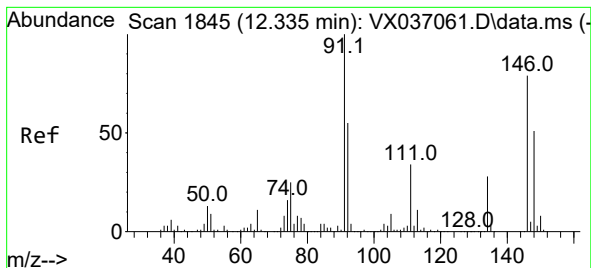
Tgt Ion: 91 Resp: 7783
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 0.283 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX037553.D
Acq: 06 Sep 2023 14:35

Tgt Ion: 105 Resp: 1494
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6





#91

1,2-Dichlorobenzene

Concen: 0.443 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037553.D

Acq: 06 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MW7DL

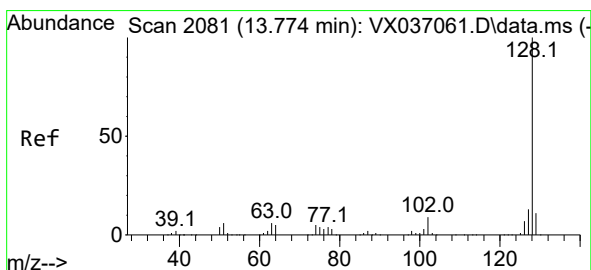
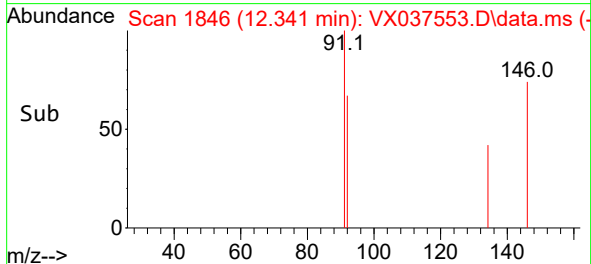
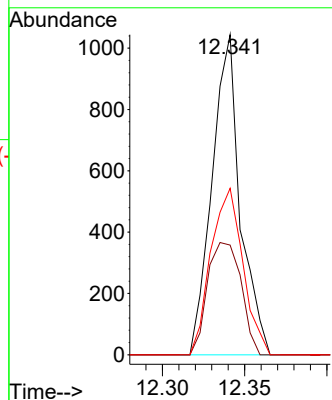
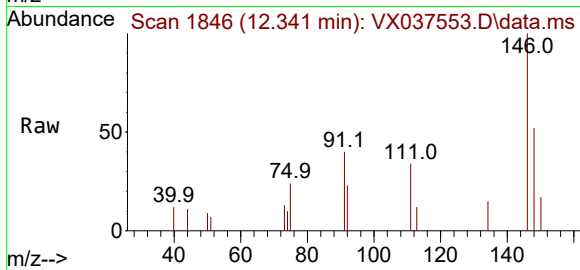
Tgt Ion:146 Resp: 1244

Ion Ratio Lower Upper

146 100

111 41.9 22.4 67.0

148 59.2 31.6 95.0



#95

Naphthalene

Concen: 3.001 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037553.D

Acq: 06 Sep 2023 14:35

Tgt Ion:128 Resp: 21587

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.7 8.8 13.2

