

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029738.D
 Acq On : 23 Jun 2022 12:58
 Operator : JC/MD
 Sample : N3202-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Jun 24 05:38:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

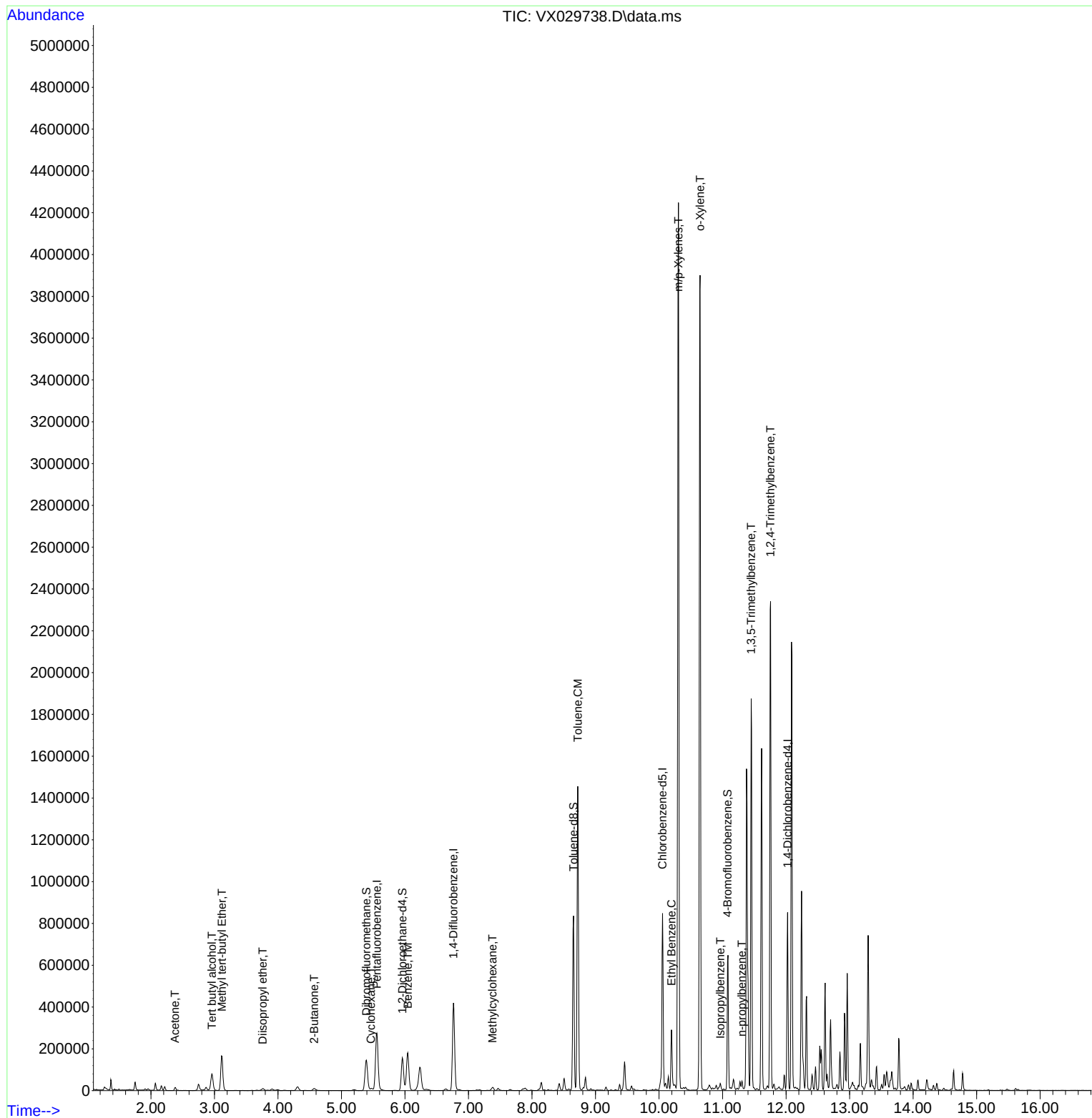
Internal Standards						
1) Pentafluorobenzene	5.556	168	267572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145096	40.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.940%
35) Dibromofluoromethane	5.391	113	132082	44.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.800%
50) Toluene-d8	8.653	98	512522	47.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.320%
62) 4-Bromofluorobenzene	11.079	95	186788	45.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	97941	122.158	ug/l	96
16) Acetone	2.380	43	15735	11.146	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	194765	20.696	ug/l	100
22) Diisopropyl ether	3.757	45	9854	1.138	ug/l #	85
25) 2-Butanone	4.568	43	7414	3.322	ug/l	92
31) Cyclohexane	5.464	56	7192	1.512	ug/l	95
39) Methylcyclohexane	7.379	83	6853	1.365	ug/l	94
40) Benzene	6.044	78	232980	19.521	ug/l	98
52) Toluene	8.720	92	571223	74.746	ug/l	97
67) Ethyl Benzene	10.195	91	166813	12.046	ug/l	98
68) m/p-Xylenes	10.305	106	1049658	194.359	ug/l	98
69) o-Xylene	10.646	106	922016	172.801	ug/l	99
73) Isopropylbenzene	10.963	105	11925	0.880	ug/l	99
78) n-propylbenzene	11.305	91	19969	1.308	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	847093	74.226	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1079532	94.845	ug/l	100

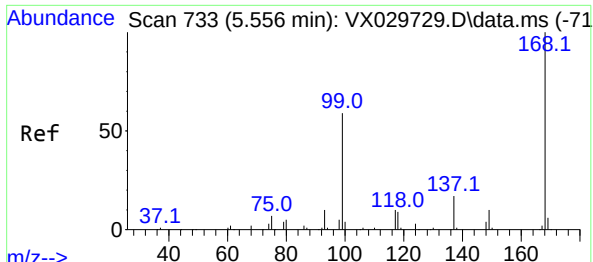
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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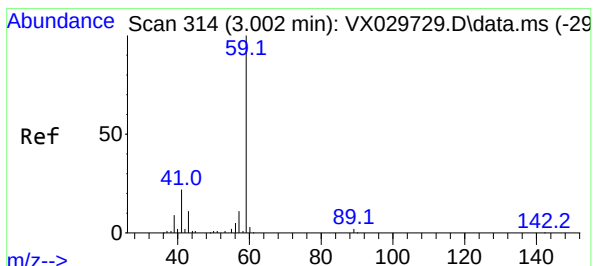
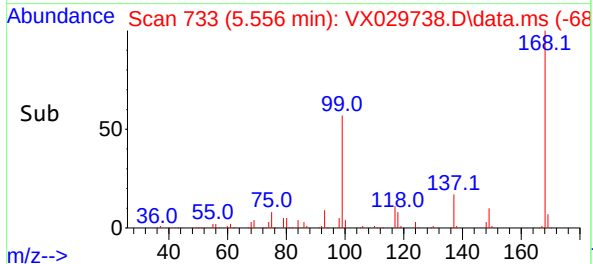
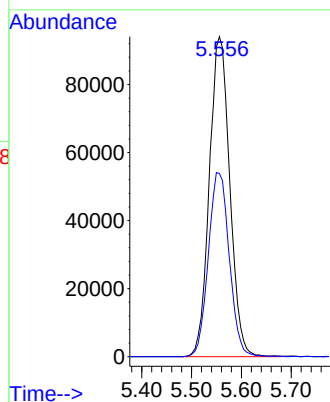
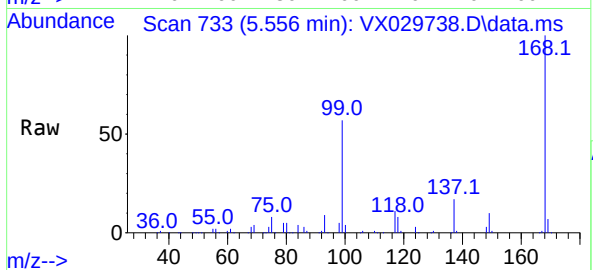




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

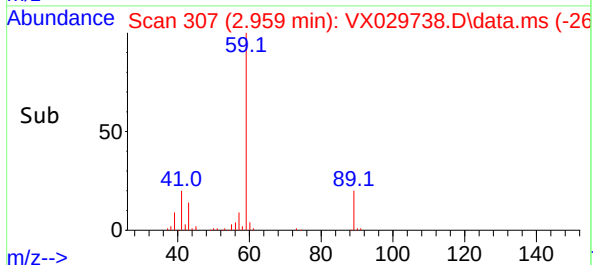
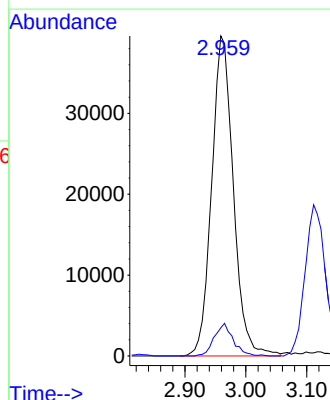
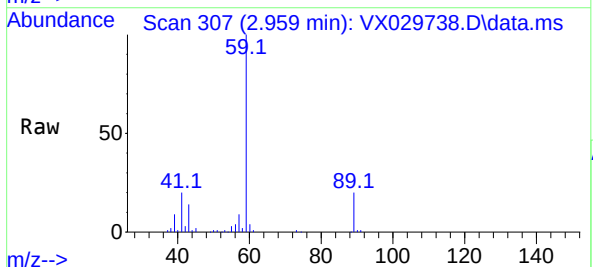
Instrument :
MSVOA_X
ClientSampleId :
MW-28

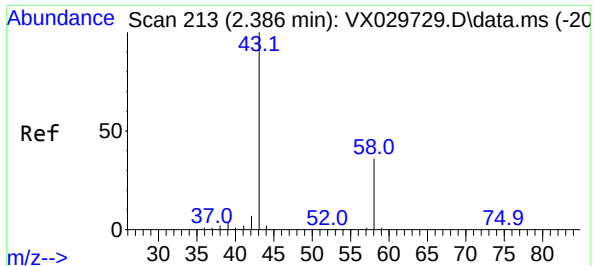
Tgt Ion:168 Resp: 267572
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 122.158 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 59 Resp: 97941
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

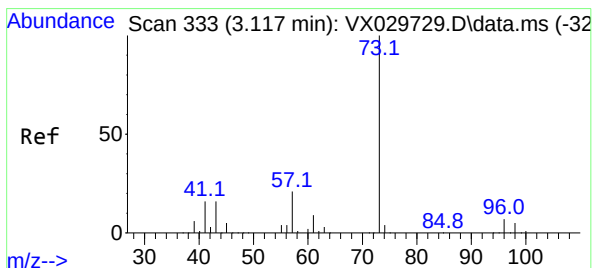
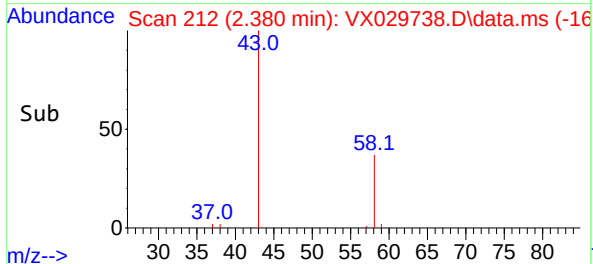
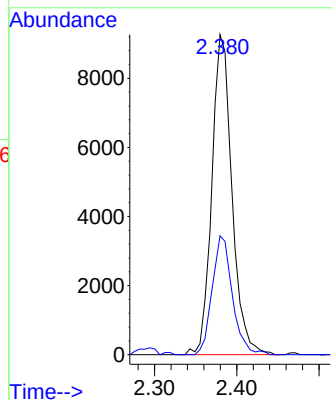
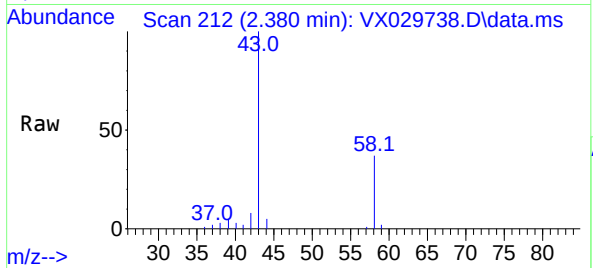




#16
Acetone
Concen: 11.146 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

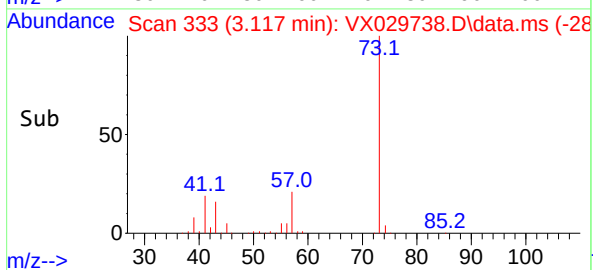
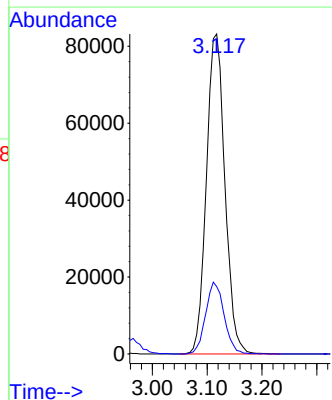
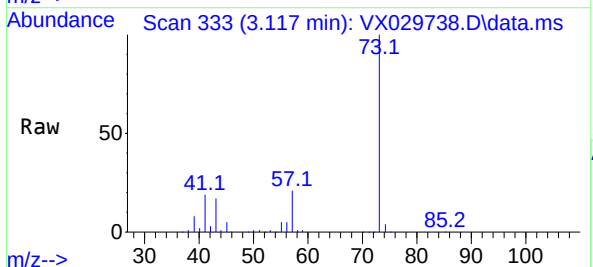
Instrument :
MSVOA_X
ClientSampleId :
MW-28

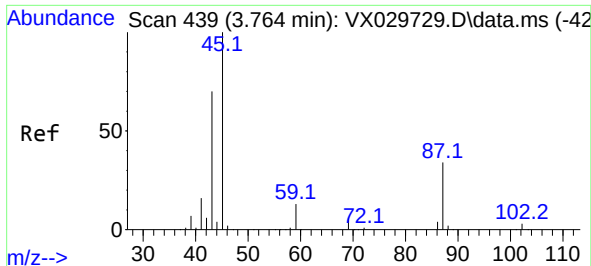
Tgt Ion: 43 Resp: 15735
Ion Ratio Lower Upper
43 100
58 37.1 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 20.696 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 73 Resp: 194765
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2

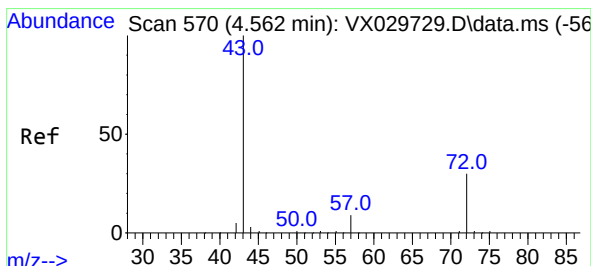
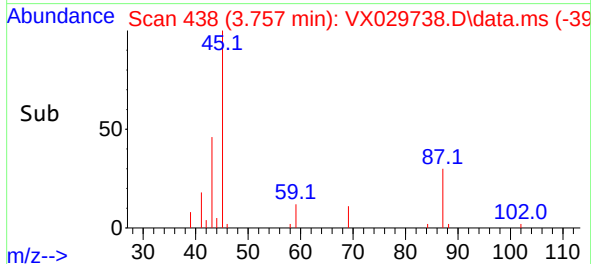
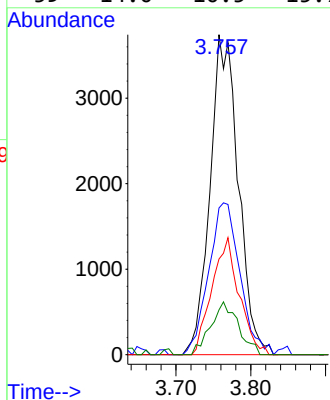
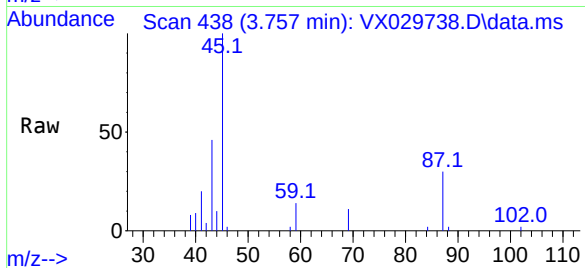




#22
Diisopropyl ether
Concen: 1.138 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

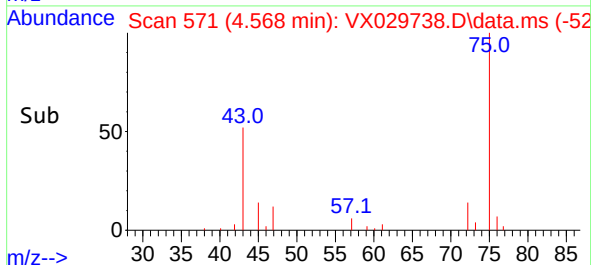
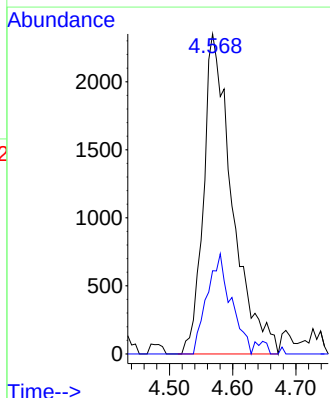
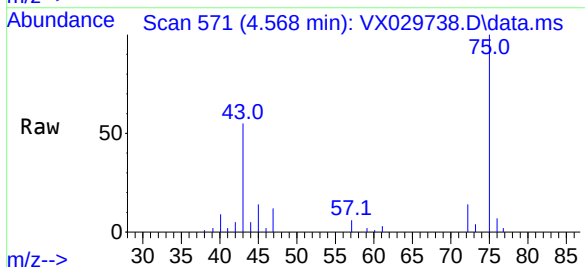
Instrument :
MSVOA_X
ClientSampleId :
MW-28

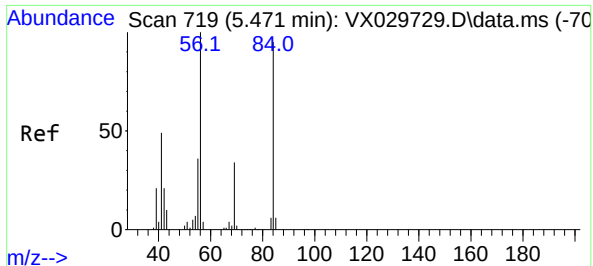
Tgt Ion: 45	Resp: 9854
Ion Ratio	Lower Upper
45 100	
43 45.9	50.8 76.2#
87 29.9	26.6 39.8
59 14.0	10.5 15.7



#25
2-Butanone
Concen: 3.322 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 43	Resp: 7414
Ion Ratio	Lower Upper
43 100	
72 26.0	24.4 36.6

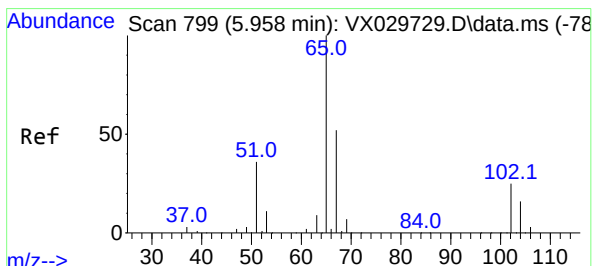
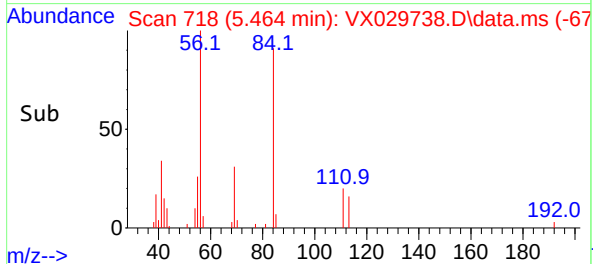
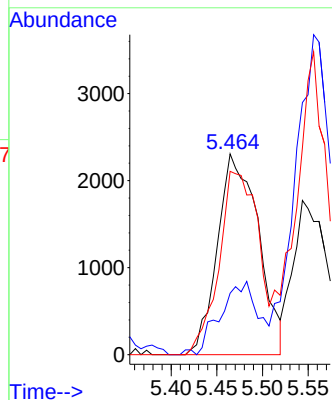
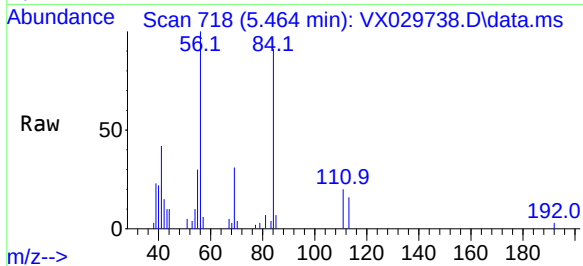




#31
Cyclohexane
Concen: 1.512 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.013 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

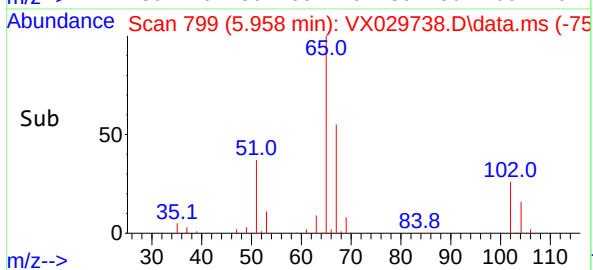
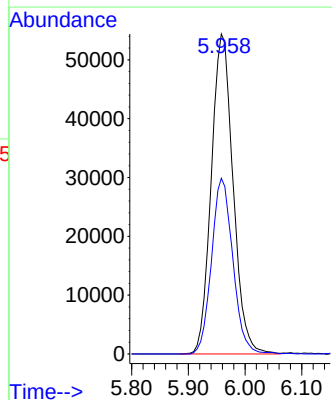
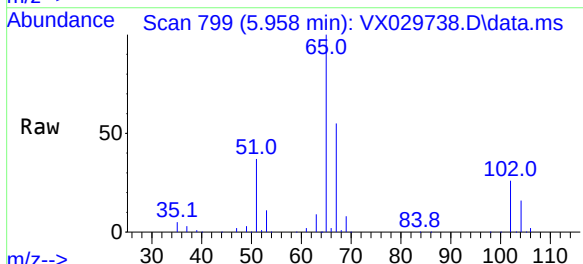
Instrument :
MSVOA_X
ClientSampleId :
MW-28

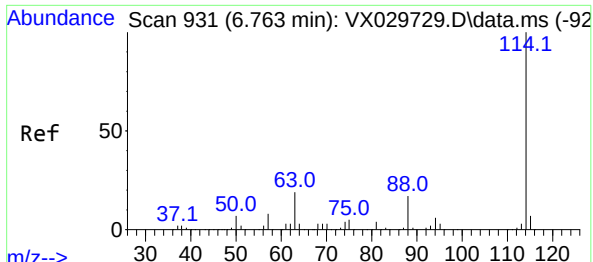
Tgt Ion: 56 Resp: 7192
Ion Ratio Lower Upper
56 100
69 30.6 26.7 40.1
84 91.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 40.965 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 65 Resp: 145096
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX029738.D

Acq: 23 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

MW-28

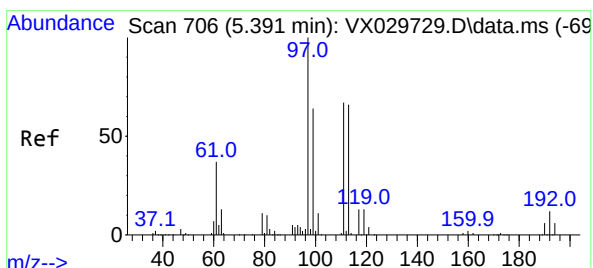
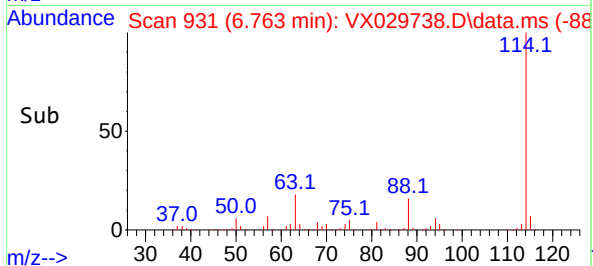
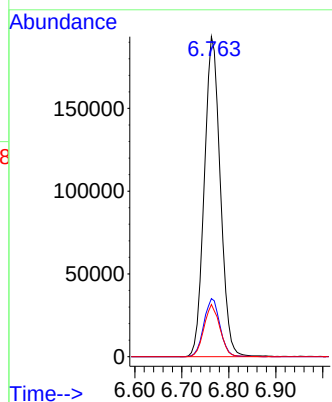
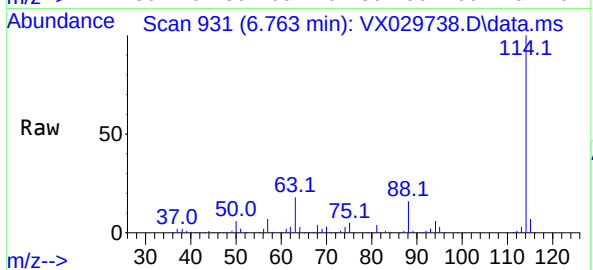
Tgt Ion:114 Resp: 456474

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 16.3 0.0 32.4



#35

Dibromofluoromethane

Concen: 44.401 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029738.D

Acq: 23 Jun 2022 12:58

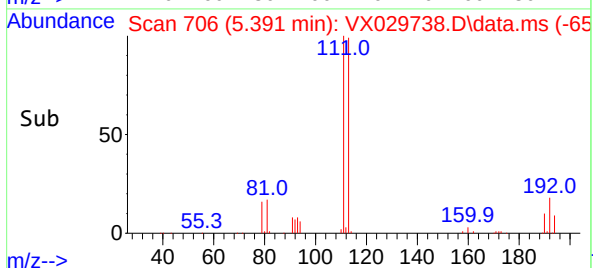
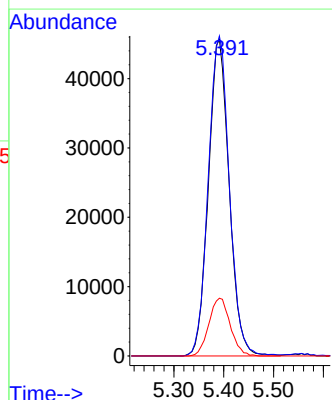
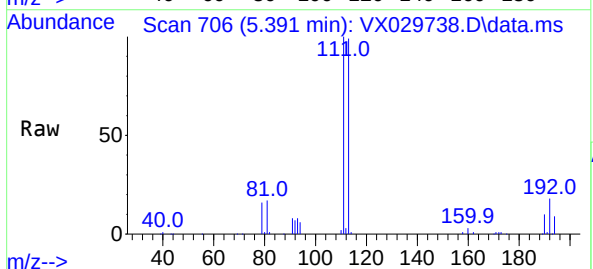
Tgt Ion:113 Resp: 132082

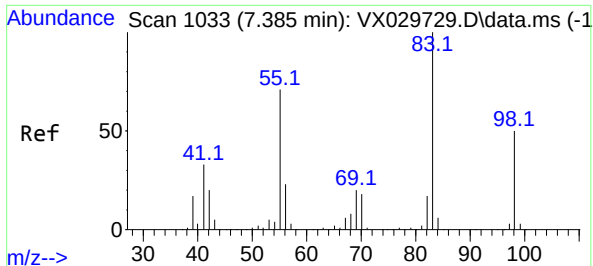
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.7 16.9 25.3





#39

Methylcyclohexane

Concen: 1.365 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029738.D

Acq: 23 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

MW-28

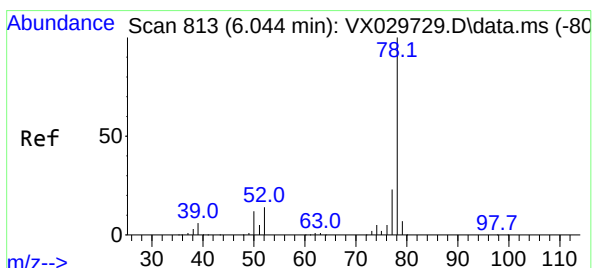
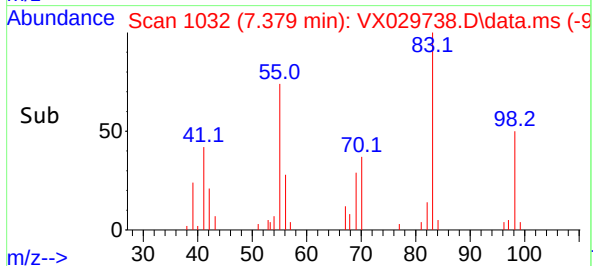
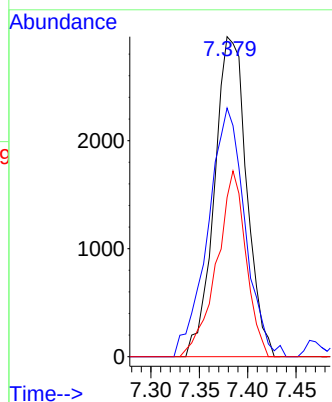
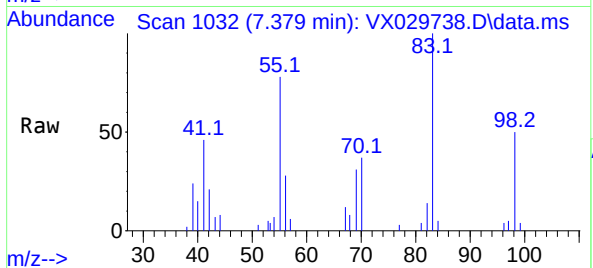
Tgt Ion: 83 Resp: 6853

Ion Ratio Lower Upper

83 100

55 74.2 54.6 81.8

98 49.8 37.4 56.2



#40

Benzene

Concen: 19.521 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029738.D

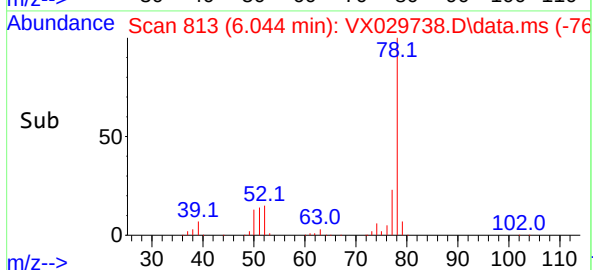
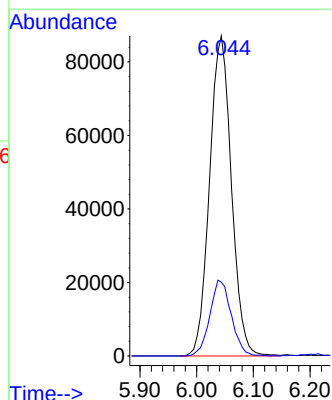
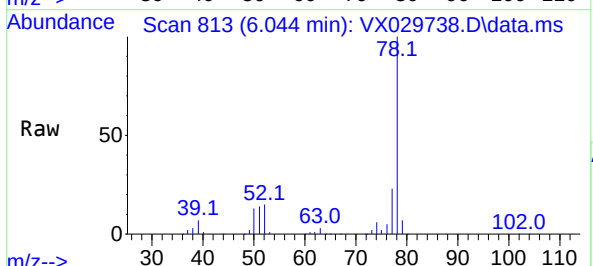
Acq: 23 Jun 2022 12:58

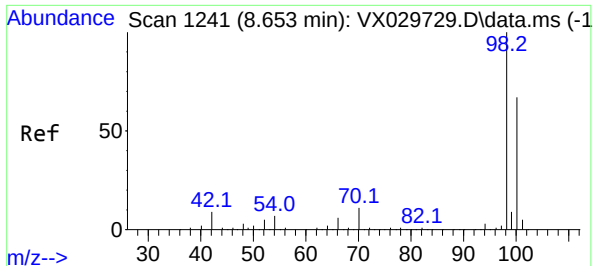
Tgt Ion: 78 Resp: 232980

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





#50

Toluene-d8

Concen: 47.161 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029738.D

Acq: 23 Jun 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

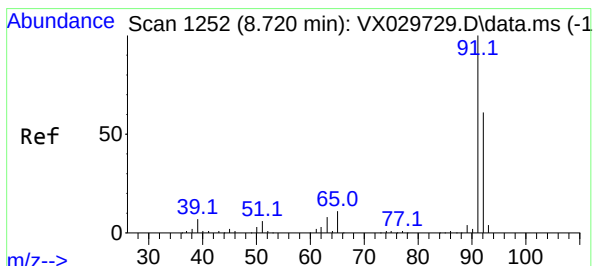
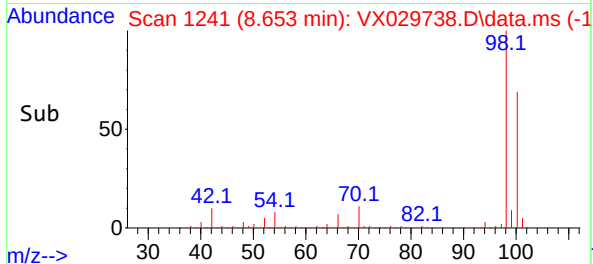
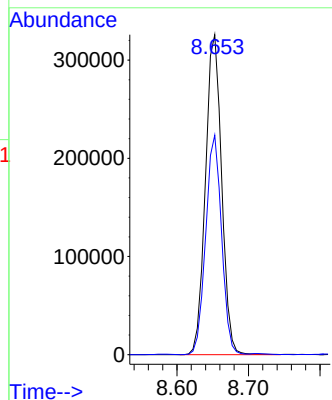
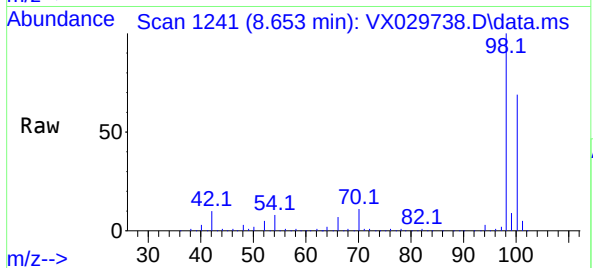
MW-28

Tgt Ion: 98 Resp: 512522

Ion Ratio Lower Upper

98 100

100 67.2 52.6 78.8



#52

Toluene

Concen: 74.746 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029738.D

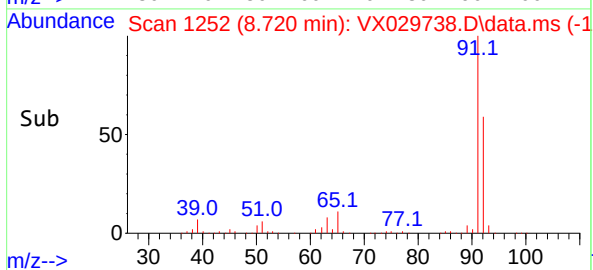
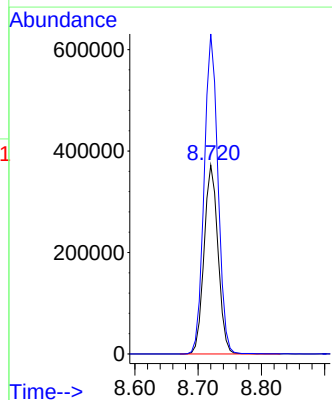
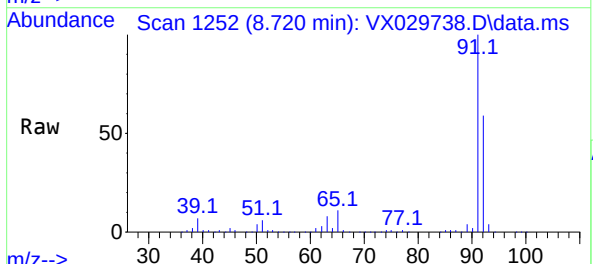
Acq: 23 Jun 2022 12:58

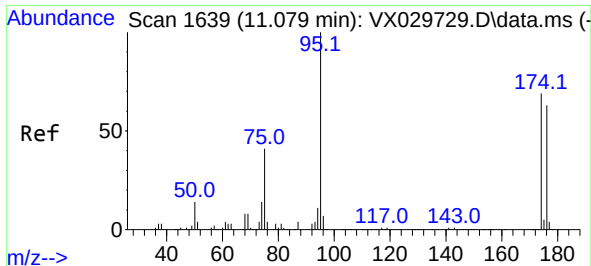
Tgt Ion: 92 Resp: 571223

Ion Ratio Lower Upper

92 100

91 167.8 137.5 206.3

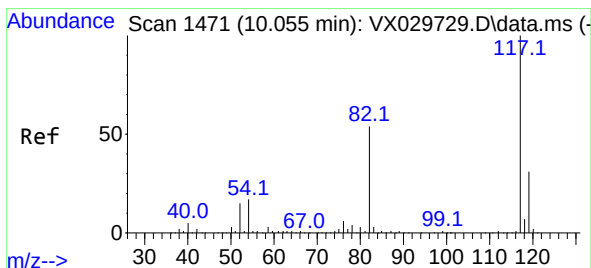
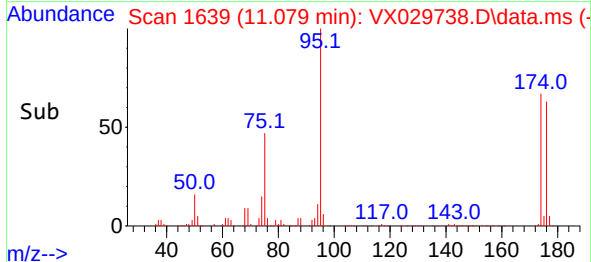
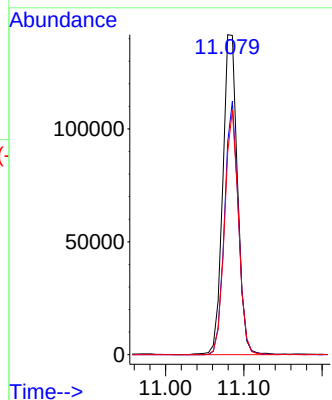
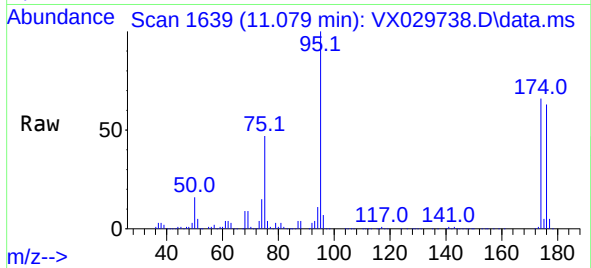




#62
4-Bromofluorobenzene
Concen: 45.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

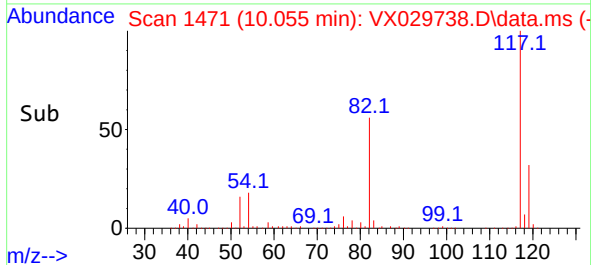
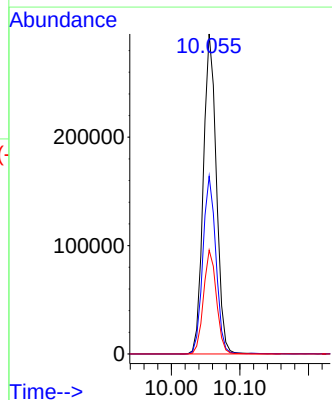
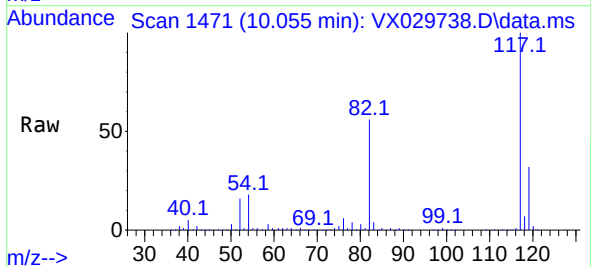
Instrument :
MSVOA_X
ClientSampleId :
MW-28

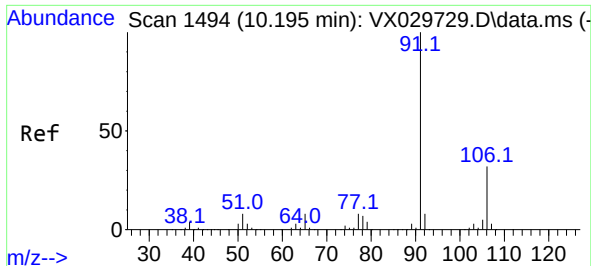
Tgt Ion: 95 Resp: 186788
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 71.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 117 Resp: 392331
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.5 24.8 37.2

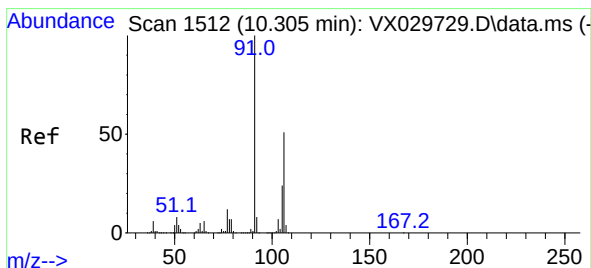
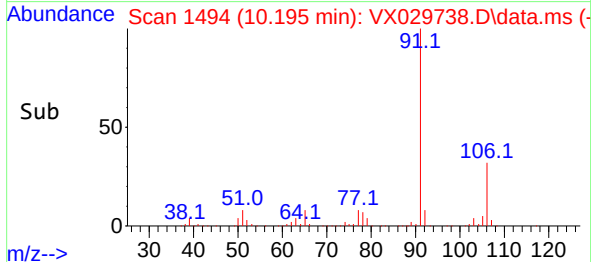
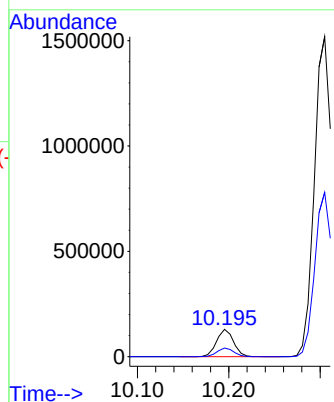
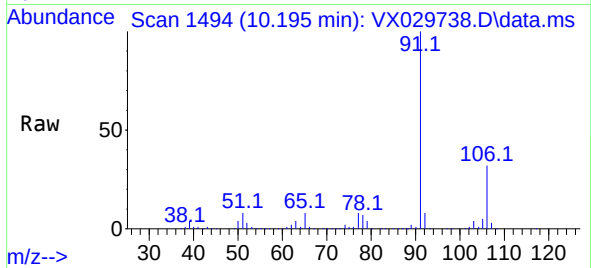




#67
Ethyl Benzene
Concen: 12.046 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

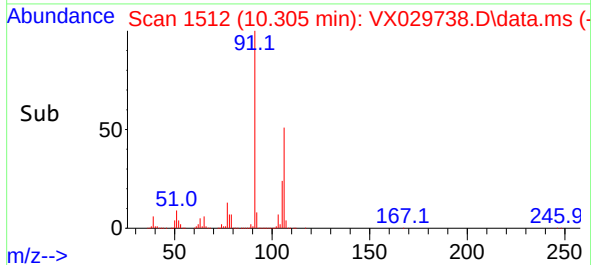
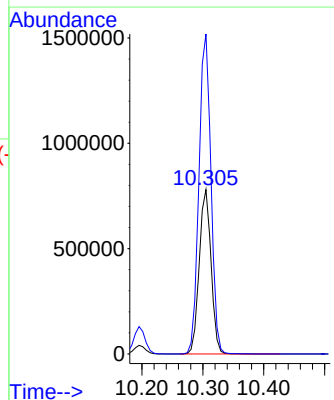
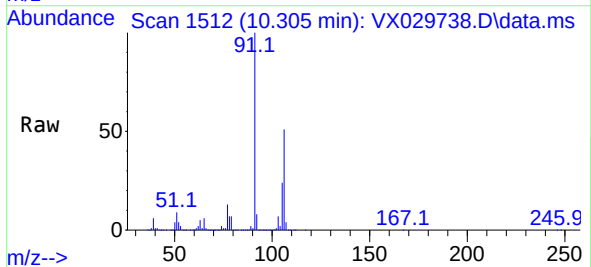
Instrument :
MSVOA_X
ClientSampleId :
MW-28

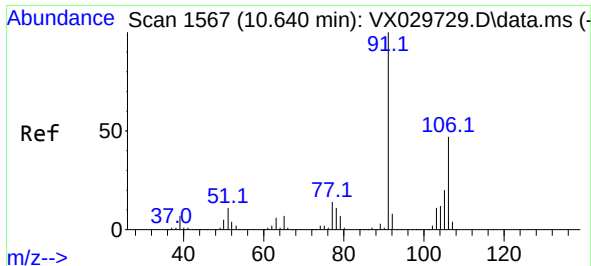
Tgt Ion: 91 Resp: 166813
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 194.359 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 106 Resp: 1049658
Ion Ratio Lower Upper
106 100
91 197.6 160.4 240.6

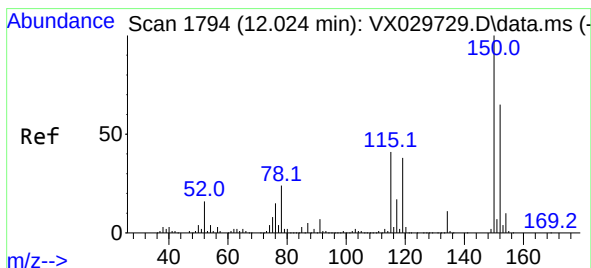
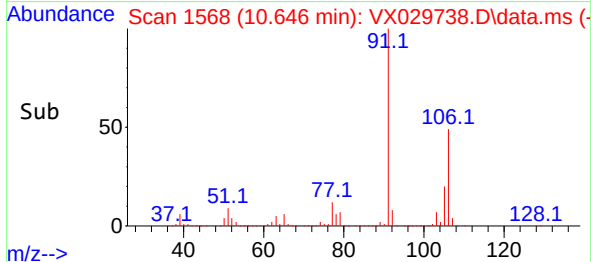
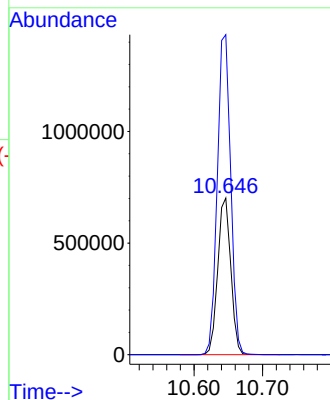
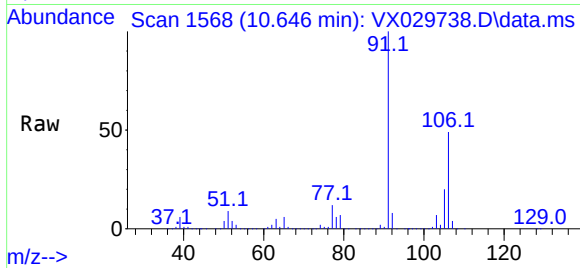




#69
o-Xylene
Concen: 172.801 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

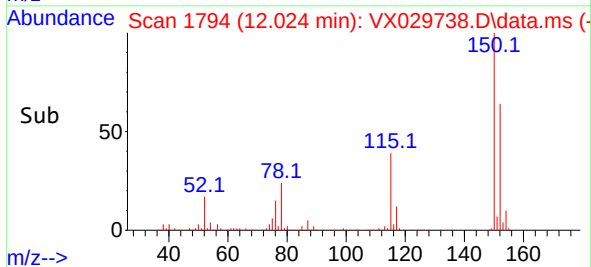
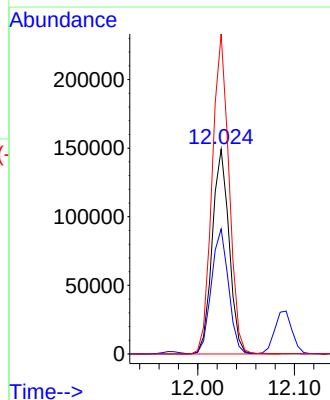
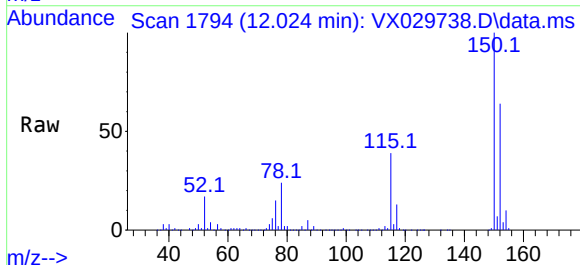
Instrument :
MSVOA_X
ClientSampleId :
MW-28

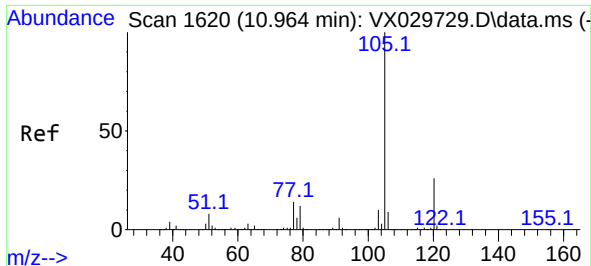
Tgt Ion:106 Resp: 922016
Ion Ratio Lower Upper
106 100
91 209.8 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion:152 Resp: 180733
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 156.6 0.0 338.2

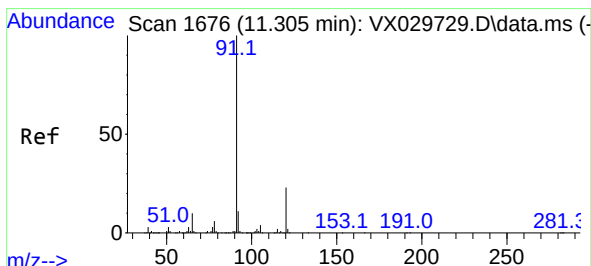
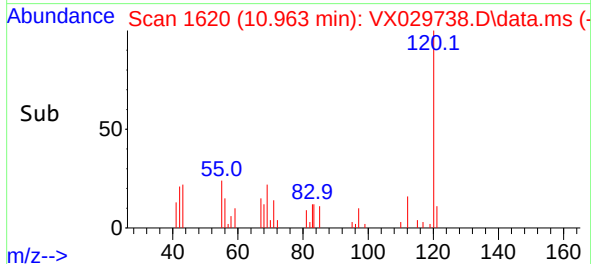
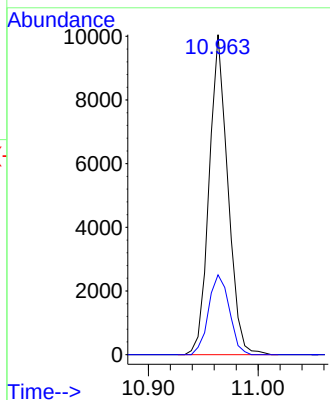
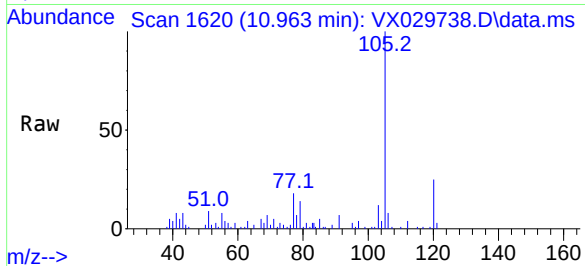




#73
Isopropylbenzene
Concen: 0.880 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

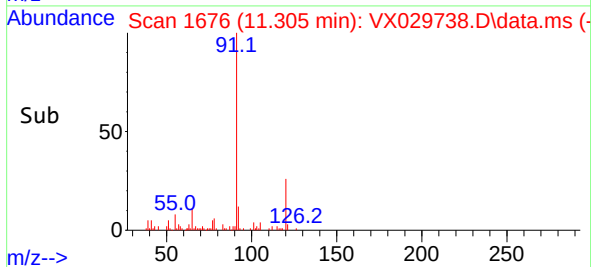
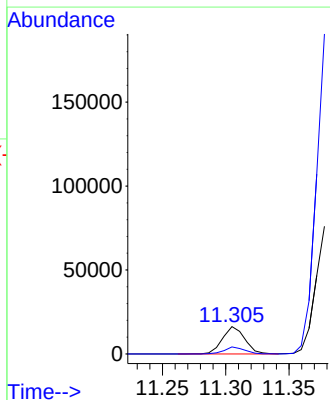
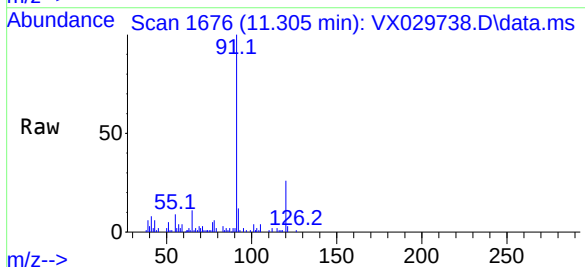
Instrument :
MSVOA_X
ClientSampleId :
MW-28

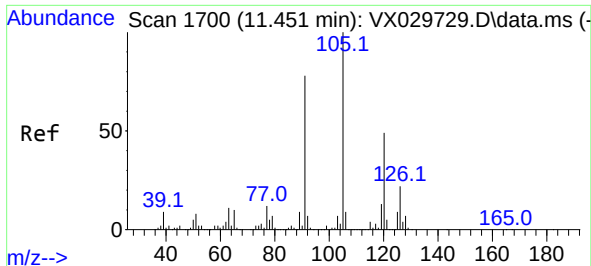
Tgt Ion:105 Resp: 11925
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5



#78
n-propylbenzene
Concen: 1.308 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029738.D
Acq: 23 Jun 2022 12:58

Tgt Ion: 91 Resp: 19969
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#

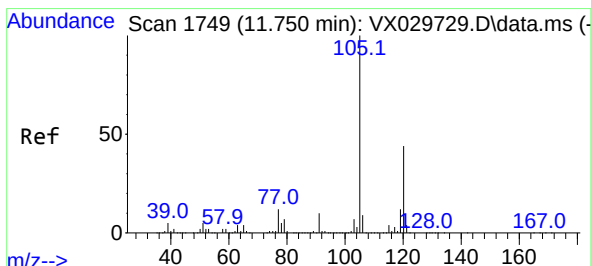
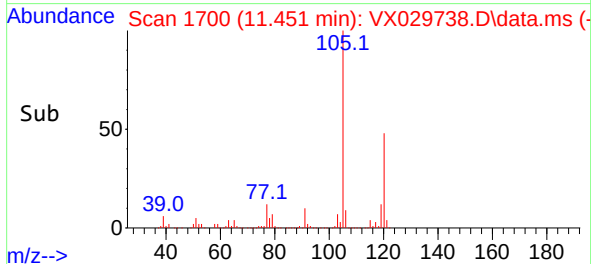
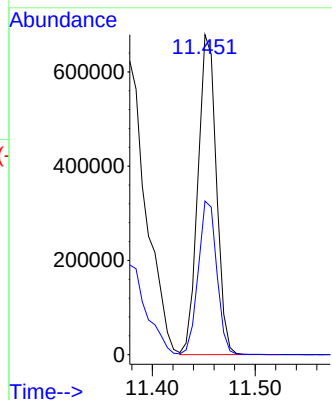
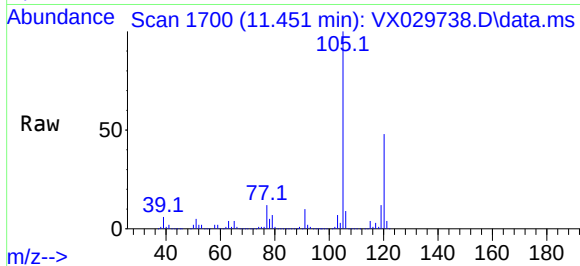




#80
 1,3,5-Trimethylbenzene
 Concen: 74.226 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029738.D
 Acq: 23 Jun 2022 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Tgt Ion:105 Resp: 847093
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 94.845 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029738.D
 Acq: 23 Jun 2022 12:58

Tgt Ion:105 Resp: 1079532
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8

