

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029595.D
 Acq On : 19 Jun 2022 01:53
 Operator : JC/MD
 Sample : N3290-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D

Quant Time: Jun 20 01:39:24 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)

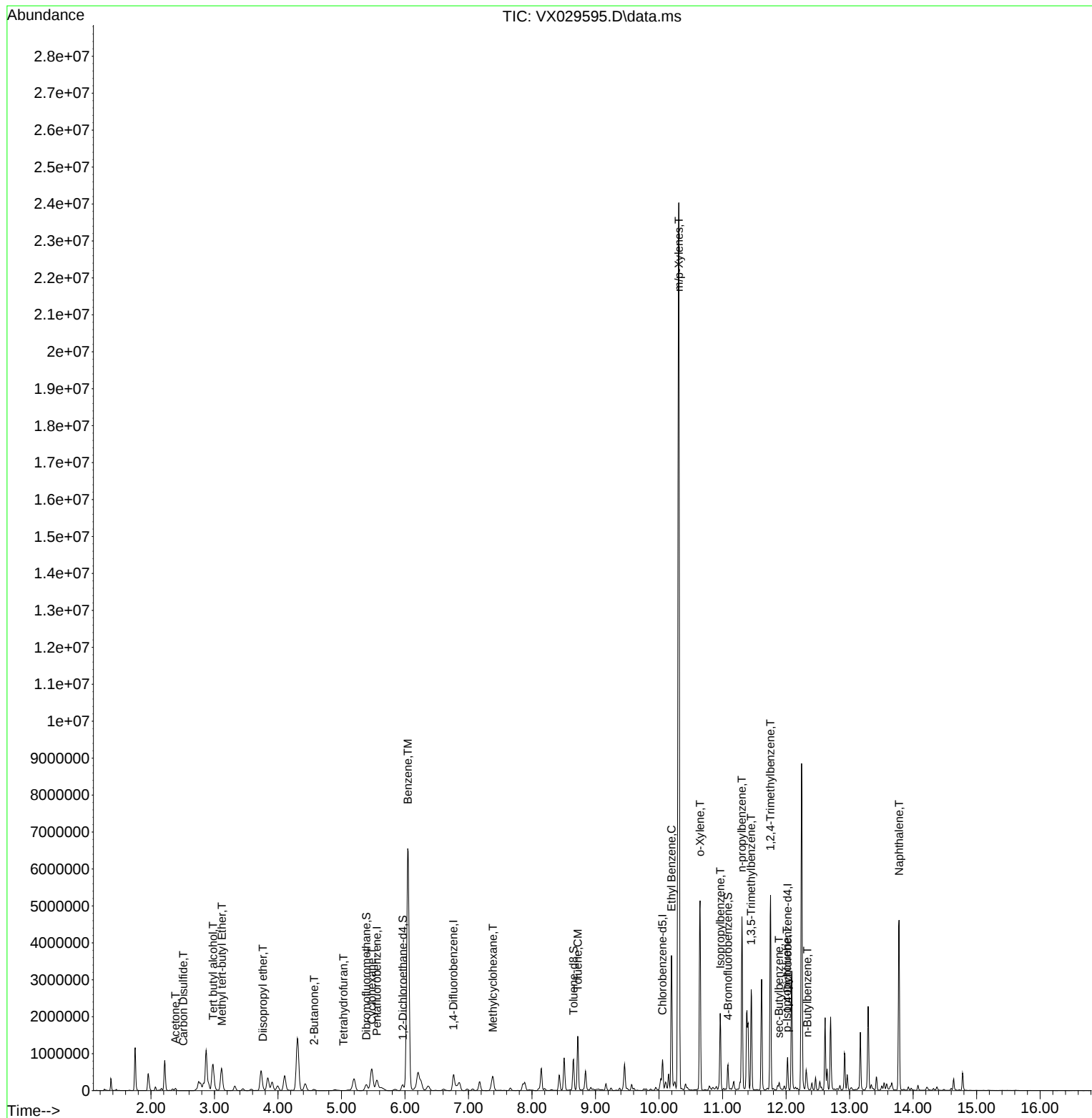
Internal Standards						
1) Pentafluorobenzene	5.556	168	264382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150395	42.974	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.940%		
35) Dibromofluoromethane	5.391	113	132575	45.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.653	98	507811	48.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.085	95	192303	48.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	1089902	1474.406	ug/l	99
16) Acetone	2.386	43	63995	45.876	ug/l	94
17) Carbon Disulfide	2.507	76	1799	0.259	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	487066	52.380	ug/l #	58
22) Diisopropyl ether	3.763	45	44691	5.224	ug/l #	88
25) 2-Butanone	4.568	43	57124	25.907	ug/l	97
29) Tetrahydrofuran	5.031	42	2184	1.486	ug/l	95
31) Cyclohexane	5.476	56	421872	89.789	ug/l	98
39) Methylcyclohexane	7.385	83	177583	36.427	ug/l	94
40) Benzene	6.043	78	8314462	717.354	ug/l	98
52) Toluene	8.720	92	562847	75.836	ug/l	97
67) Ethyl Benzene	10.195	91	2161416	157.121	ug/l	97
68) m/p-Xylenes	10.311	106	6919030	1289.739	ug/l	80
69) o-Xylene	10.646	106	1197702	225.972	ug/l	98
73) Isopropylbenzene	10.963	105	1054528	77.828	ug/l	99
78) n-propylbenzene	11.305	91	2875336	188.418	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1209502	105.995	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2353339	206.784	ug/l	99
85) sec-Butylbenzene	11.890	105	79463	5.763	ug/l	97
86) p-Isopropyltoluene	12.012	119	13664	1.183	ug/l #	74
89) n-Butylbenzene	12.335	91	116266	11.932	ug/l #	50
95) Naphthalene	13.780	128	2926303	230.856	ug/l	99

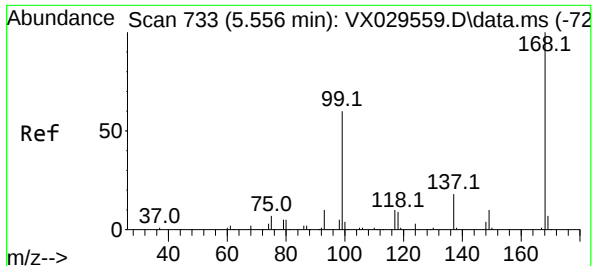
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

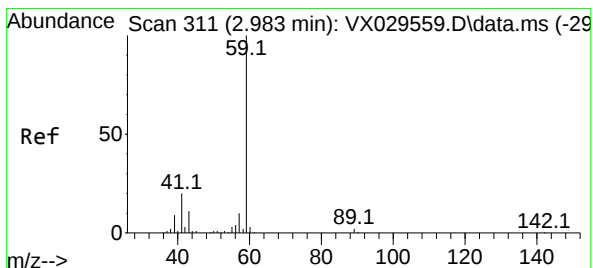
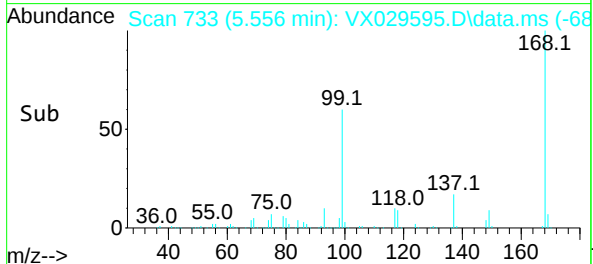
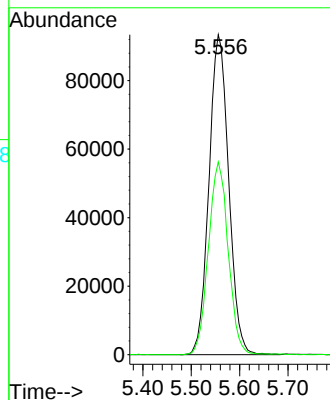
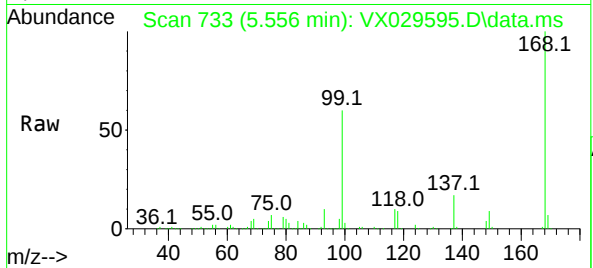




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

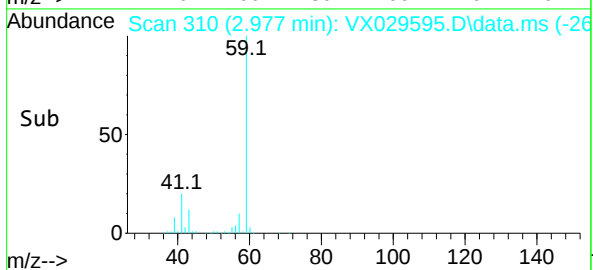
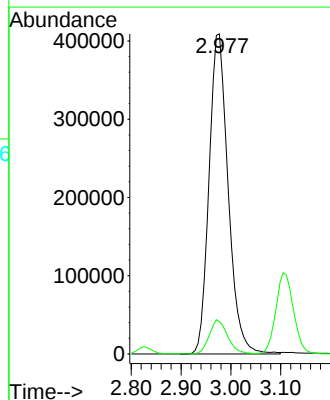
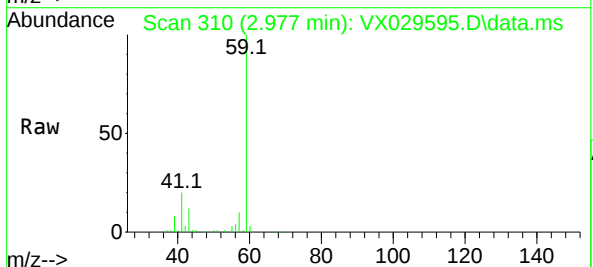
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

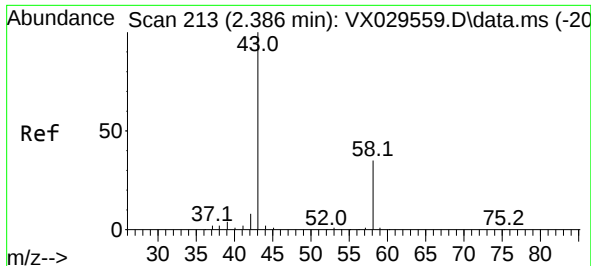
Tgt Ion:168 Resp: 264382
Ion Ratio Lower Upper
168 100
99 60.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 1474.406 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 59 Resp: 1089902
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

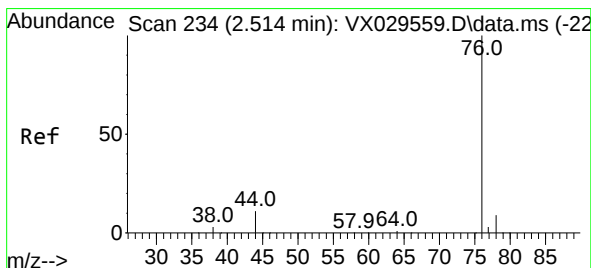
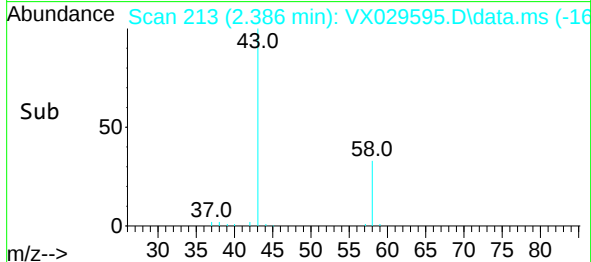
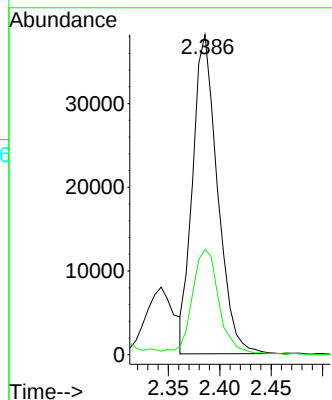
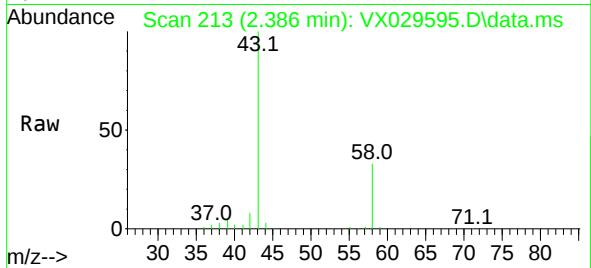




#16
Acetone
Concen: 45.876 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

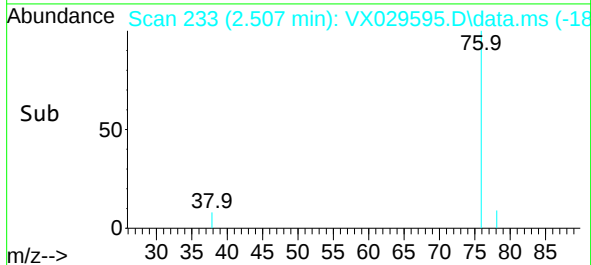
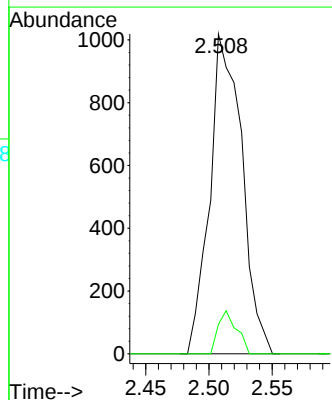
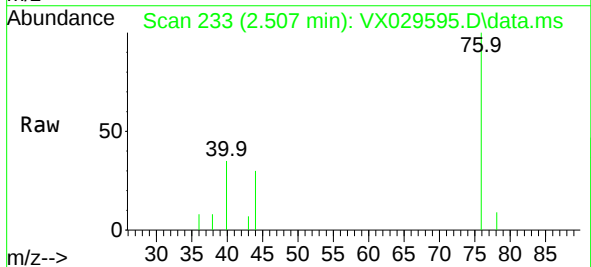
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

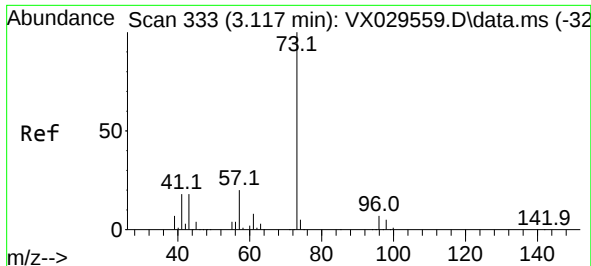
Tgt Ion: 43 Resp: 63995
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2



#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 76 Resp: 1799
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

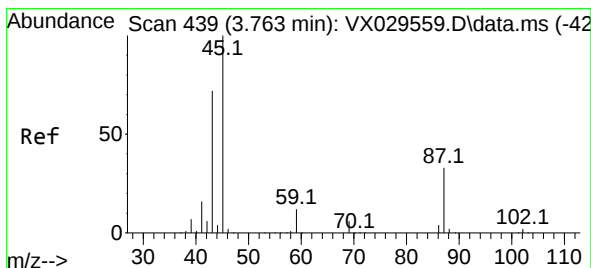
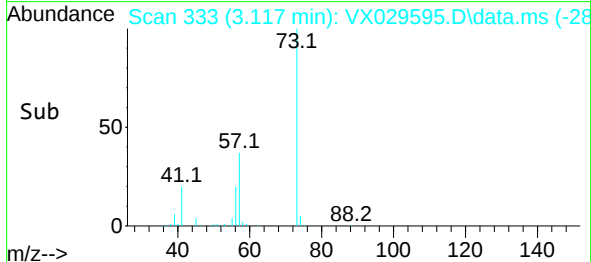
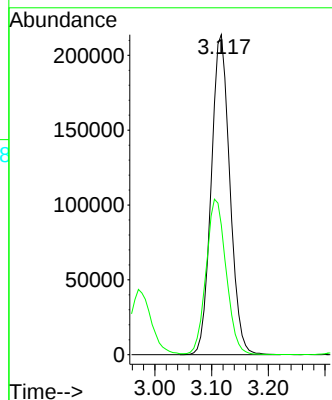
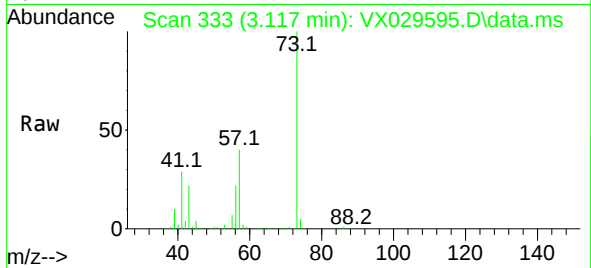




#19
Methyl tert-butyl Ether
Concen: 52.380 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

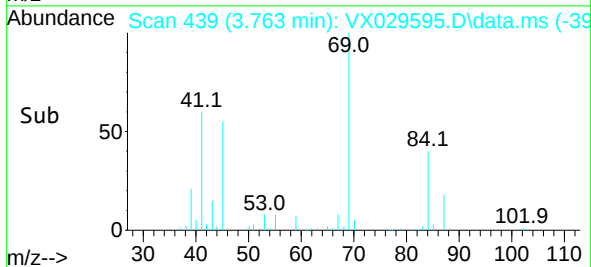
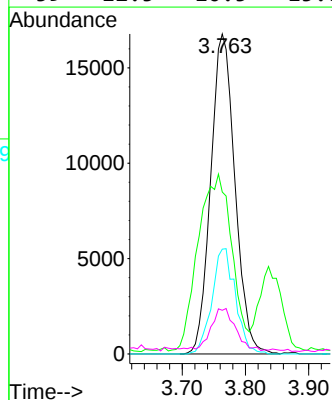
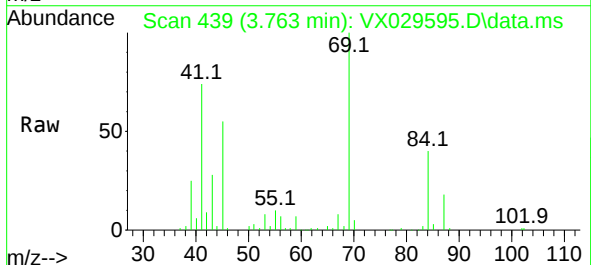
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

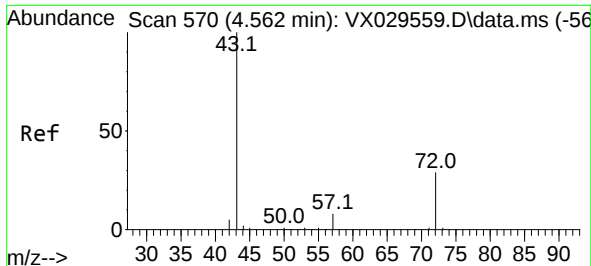
Tgt Ion: 73 Resp: 487066
Ion Ratio Lower Upper
73 100
57 40.4 16.8 25.2#



#22
Diisopropyl ether
Concen: 5.224 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 45 Resp: 44691
Ion Ratio Lower Upper
45 100
43 48.0 50.8 76.2#
87 32.8 26.6 39.8
59 12.5 10.5 15.7

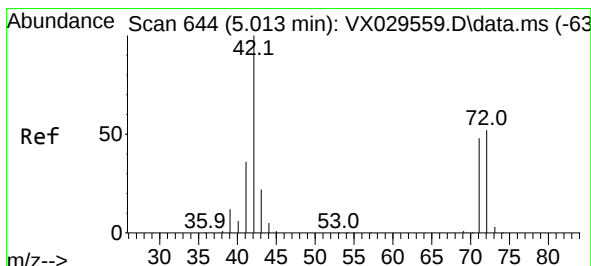
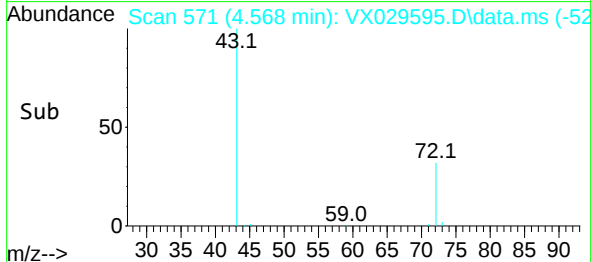
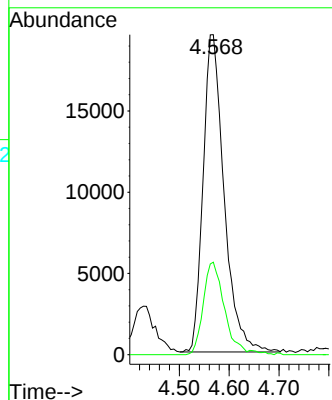
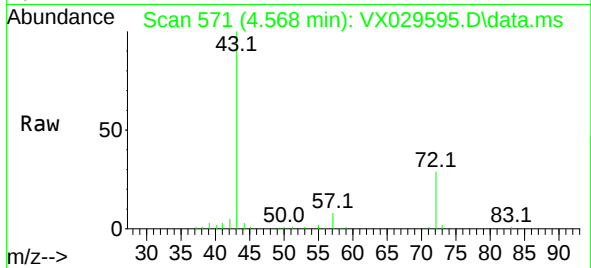




#25
2-Butanone
Concen: 25.907 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

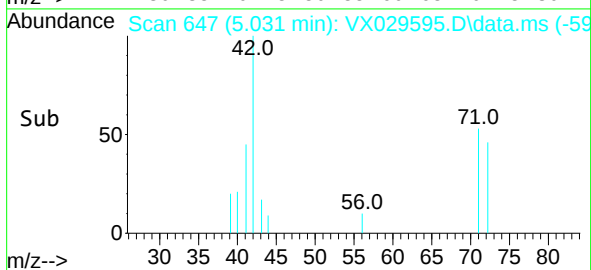
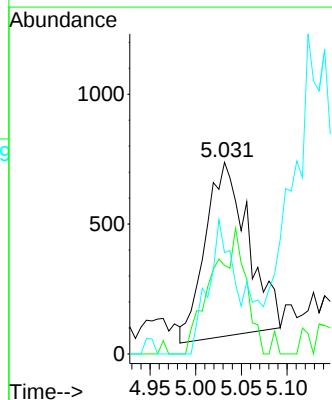
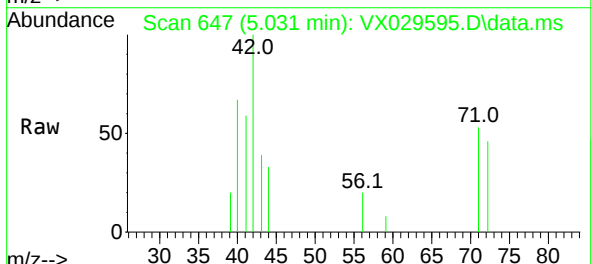
Instrument :
MSVOA_X
ClientSampleId :
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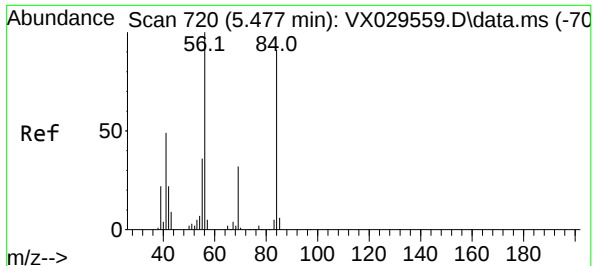
Tgt Ion: 43 Resp: 57124
Ion Ratio Lower Upper
43 100
72 29.1 24.4 36.6



#29
Tetrahydrofuran
Concen: 1.486 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 42 Resp: 2184
Ion Ratio Lower Upper
42 100
72 57.0 44.1 66.1
71 44.7 40.5 60.7

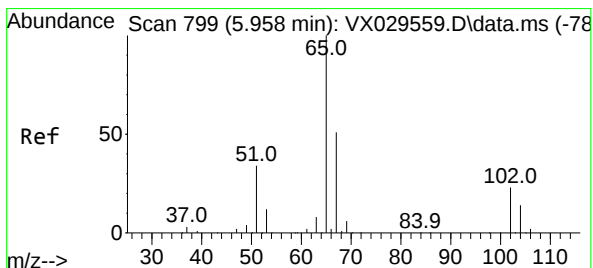
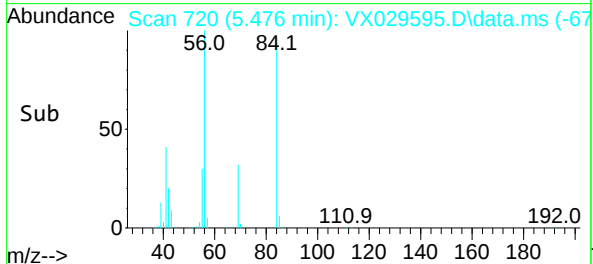
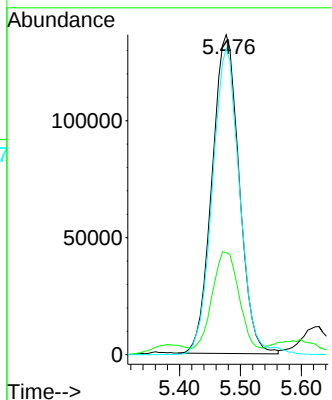
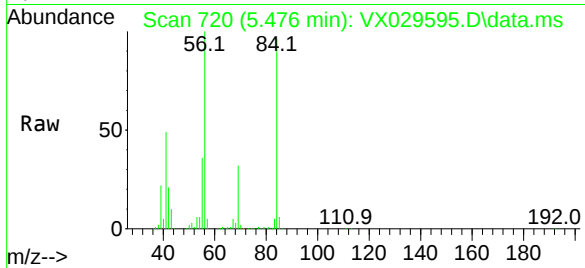




#31
Cyclohexane
Concen: 89.789 ug/l
RT: 5.476 min Scan# 712
Delta R.T. -0.001 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

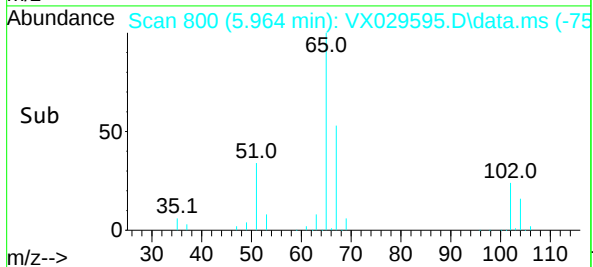
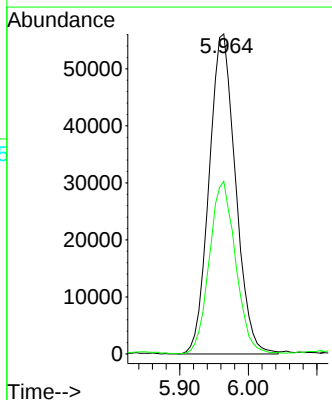
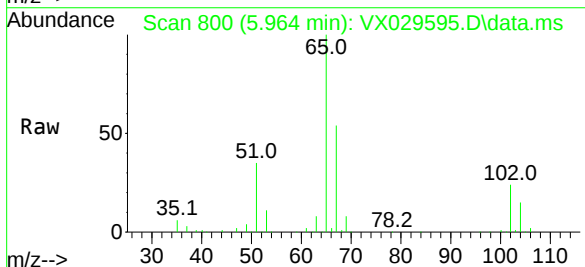
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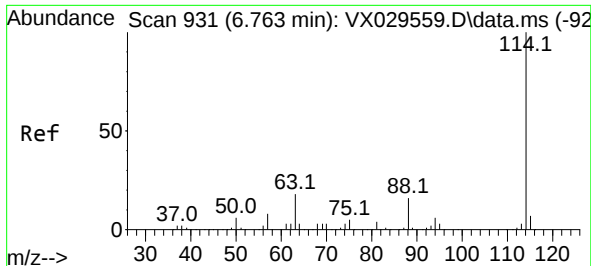
Tgt Ion: 56 Resp: 421872
Ion Ratio Lower Upper
56 100
69 29.2 26.7 40.1
84 96.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 42.974 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 65 Resp: 150395
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

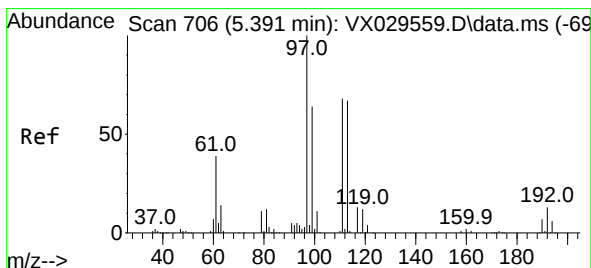
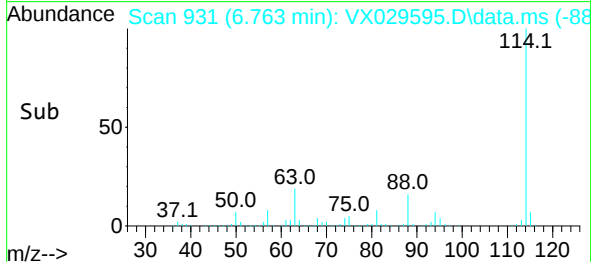
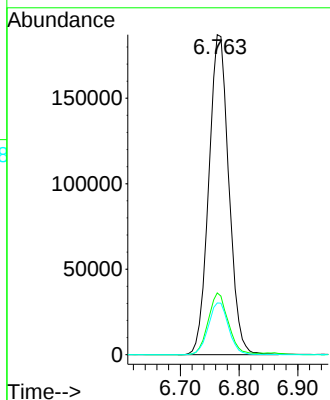
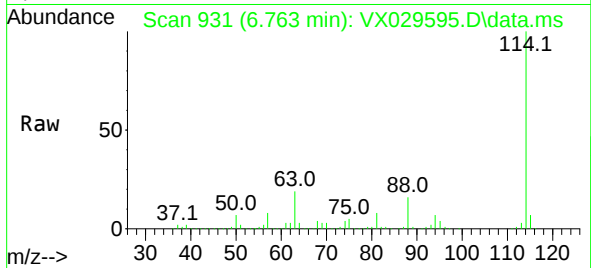




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

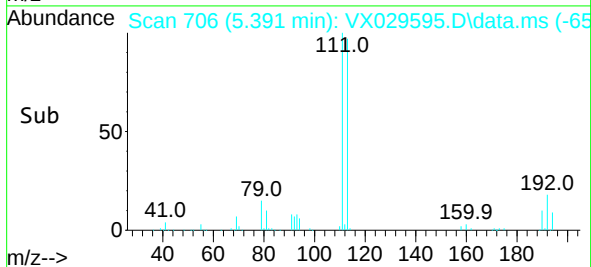
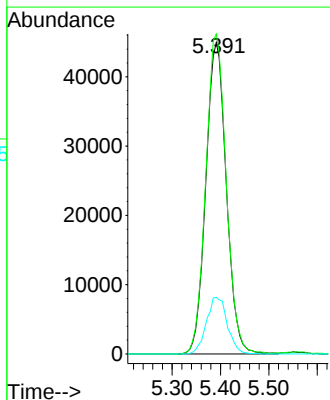
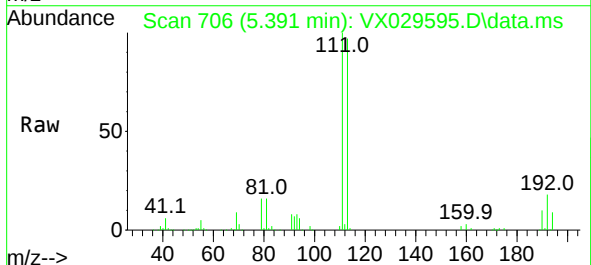
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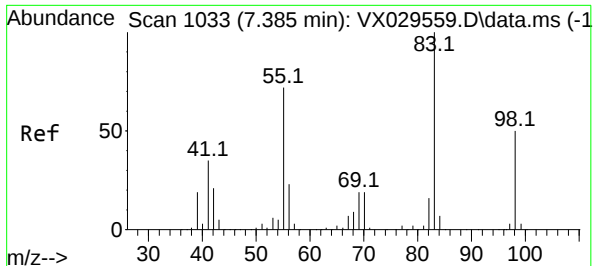
Tgt Ion:114 Resp: 443313
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.889 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion:113 Resp: 132575
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.5 16.9 25.3





#39

Methylcyclohexane

Concen: 36.427 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX029595.D

Acq: 19 Jun 2022 01:53

Instrument :

MSVOA_X

ClientSampleId :

MW-28D

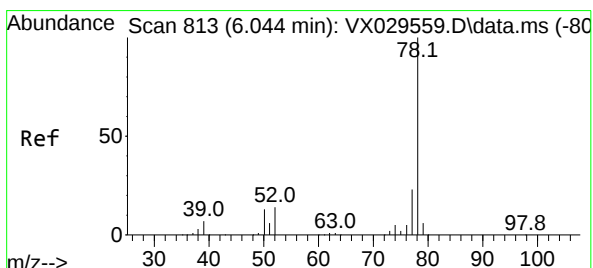
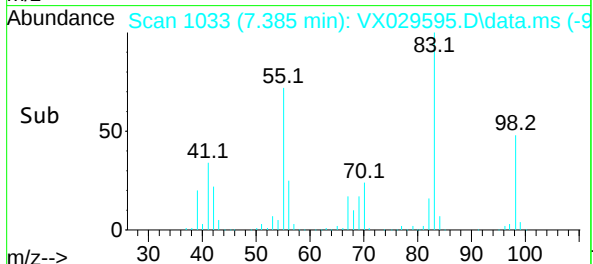
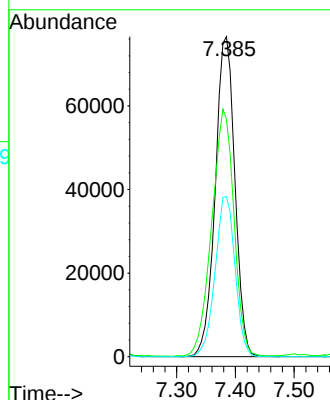
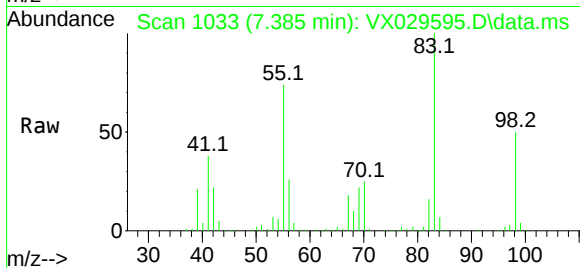
Tgt Ion: 83 Resp: 177583

Ion Ratio Lower Upper

83 100

55 73.9 54.6 81.8

98 50.0 37.4 56.2



#40

Benzene

Concen: 717.354 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX029595.D

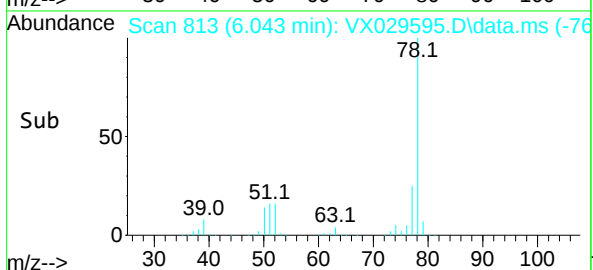
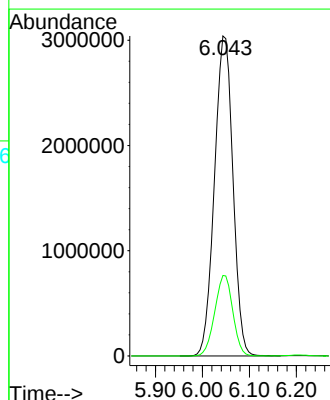
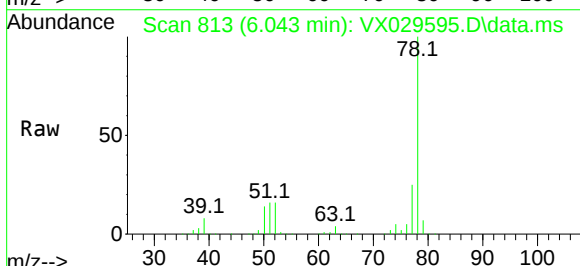
Acq: 19 Jun 2022 01:53

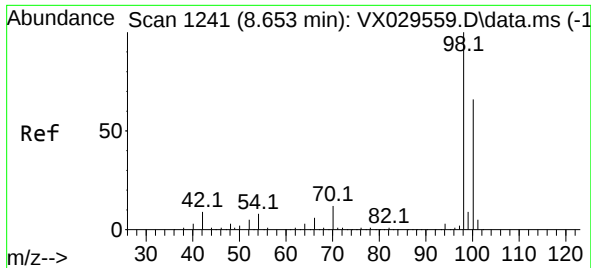
Tgt Ion: 78 Resp: 8314462

Ion Ratio Lower Upper

78 100

77 25.2 19.3 28.9

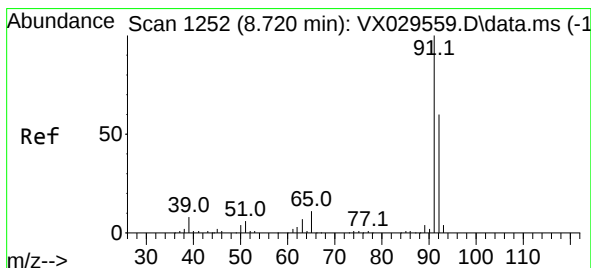
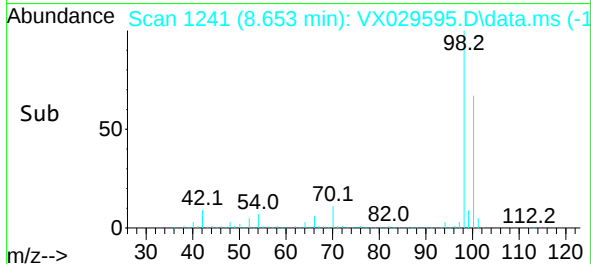
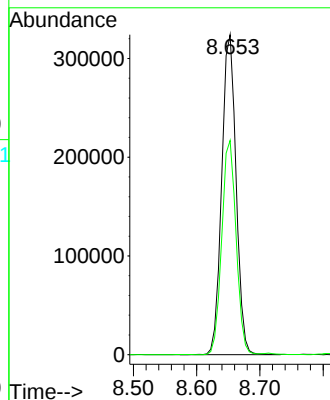
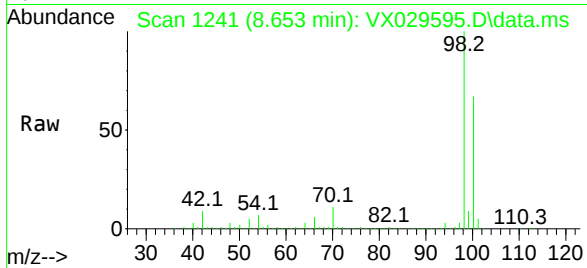




#50
Toluene-d8
Concen: 48.115 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

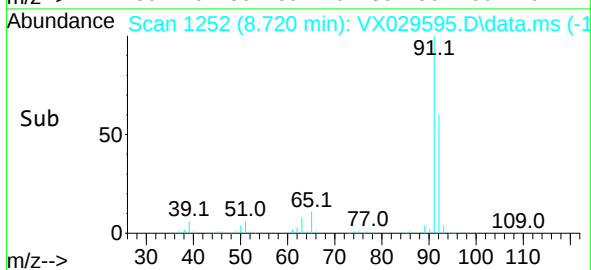
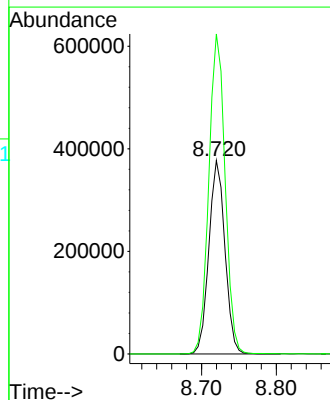
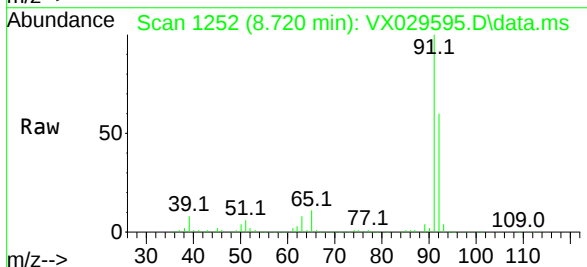
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

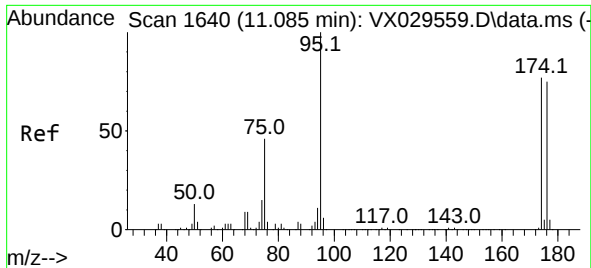
Tgt Ion: 98 Resp: 507811
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#52
Toluene
Concen: 75.836 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 92 Resp: 562847
Ion Ratio Lower Upper
92 100
91 167.7 137.5 206.3

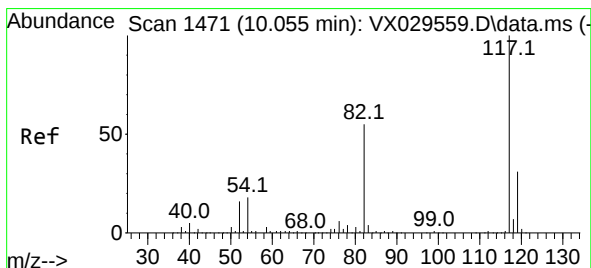
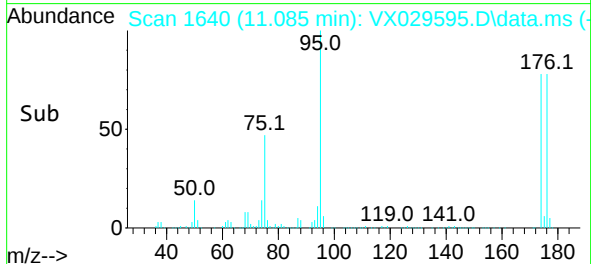
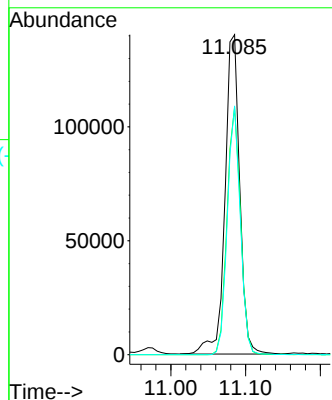
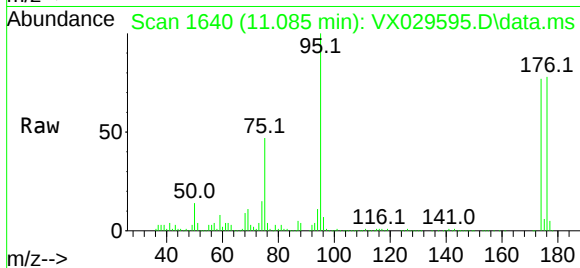




#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

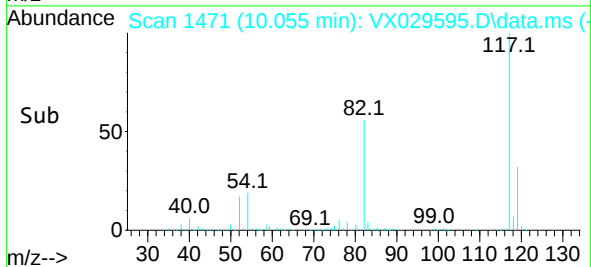
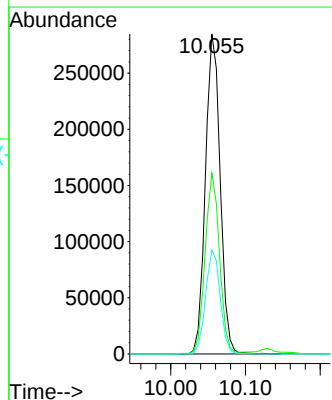
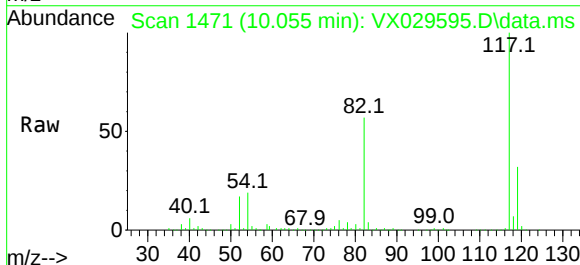
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

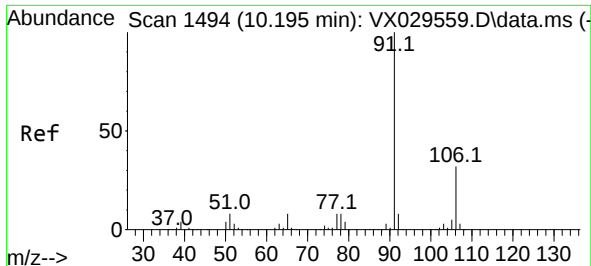
Tgt Ion: 95 Resp: 192303
Ion Ratio Lower Upper
95 100
174 70.7 0.0 163.0
176 68.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 117 Resp: 389721
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.4 24.8 37.2

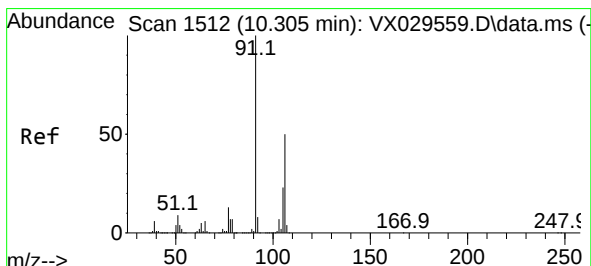
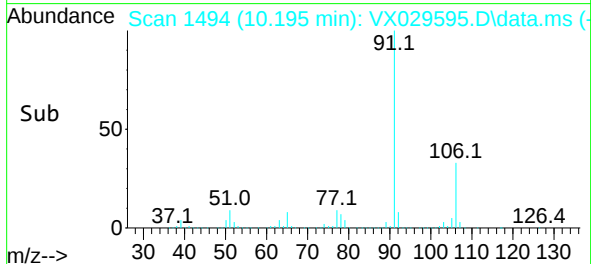
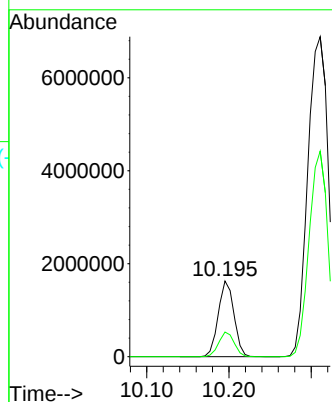
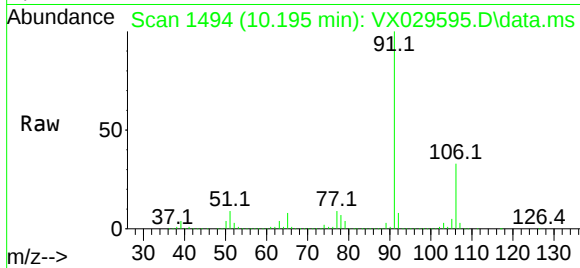




#67
Ethyl Benzene
Concen: 157.121 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

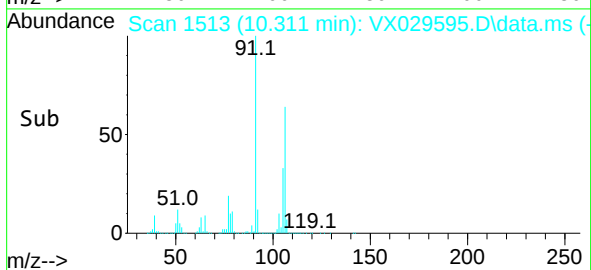
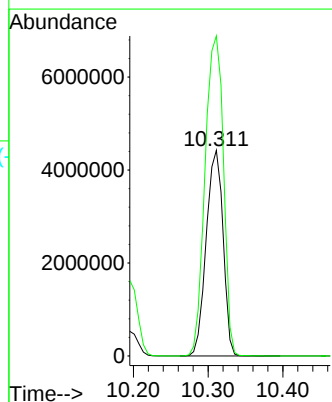
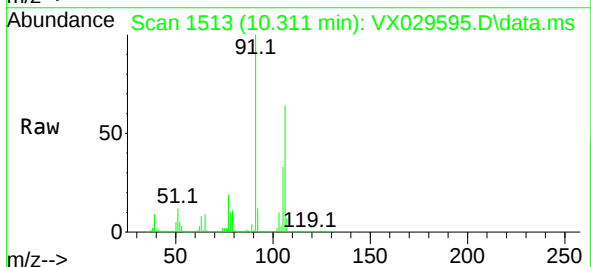
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

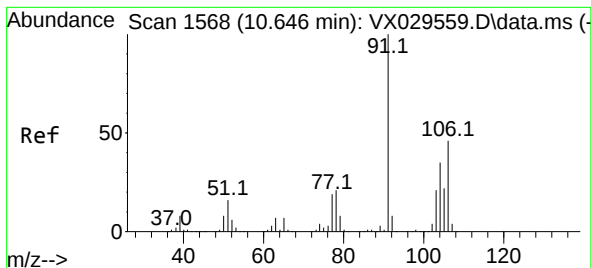
Tgt Ion: 91 Resp: 2161416
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8



#68
m/p-Xylenes
Concen: 1289.739 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 106 Resp: 6919030
Ion Ratio Lower Upper
106 100
91 170.0 160.4 240.6





#69

o-Xylene

Concen: 225.972 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029595.D

Acq: 19 Jun 2022 01:53

Instrument :

MSVOA_X

ClientSampleId :

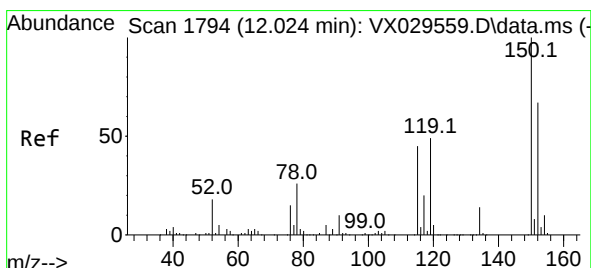
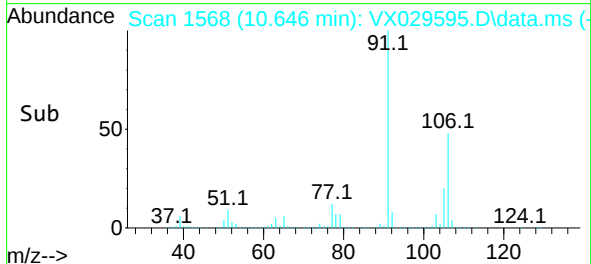
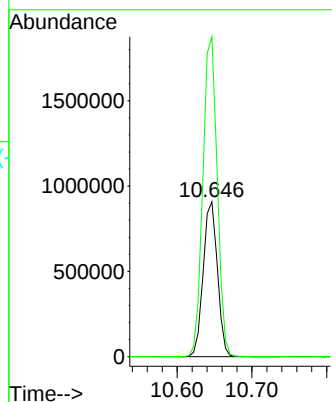
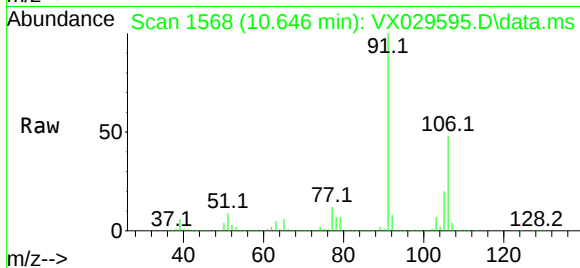
MW-28D

Tgt Ion:106 Resp: 1197702

Ion Ratio Lower Upper

106 100

91 209.0 106.1 318.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029595.D

Acq: 19 Jun 2022 01:53

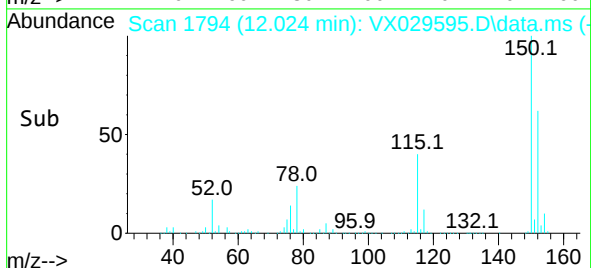
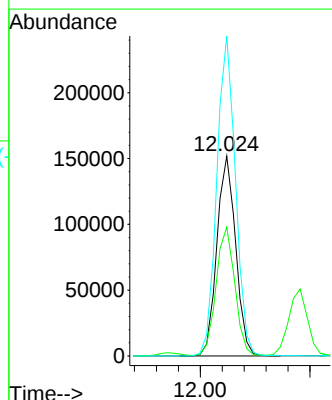
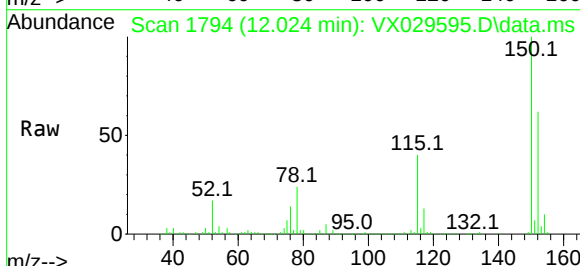
Tgt Ion:152 Resp: 180711

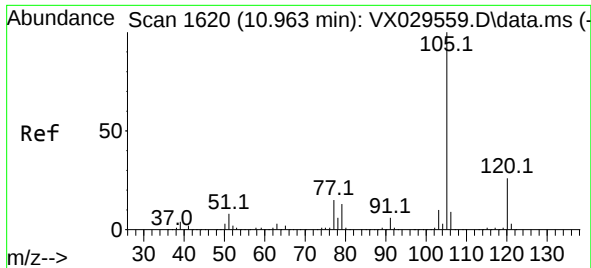
Ion Ratio Lower Upper

152 100

115 63.8 37.5 112.7

150 159.2 0.0 338.2

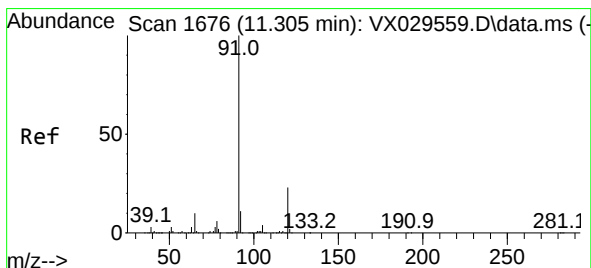
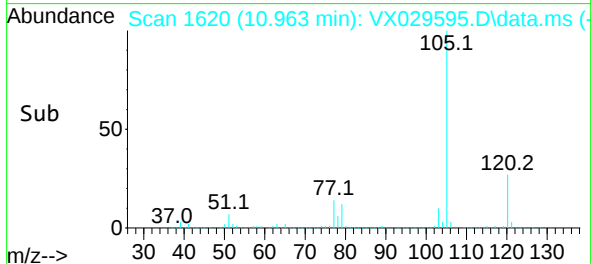
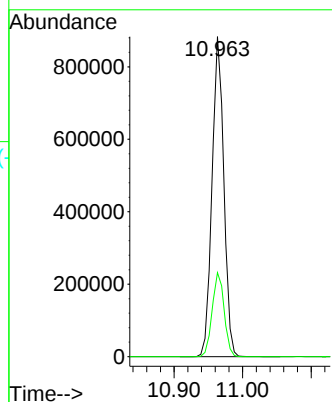
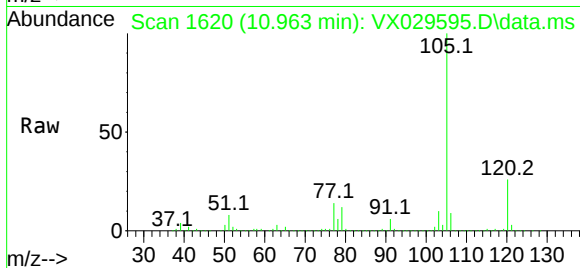




#73
Isopropylbenzene
Concen: 77.828 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

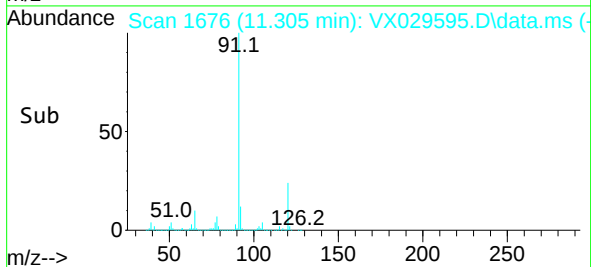
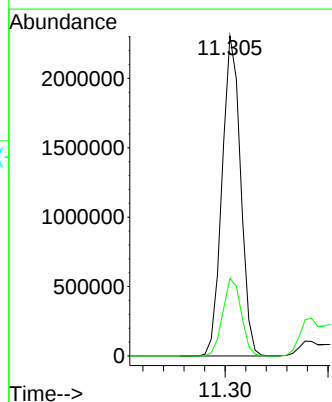
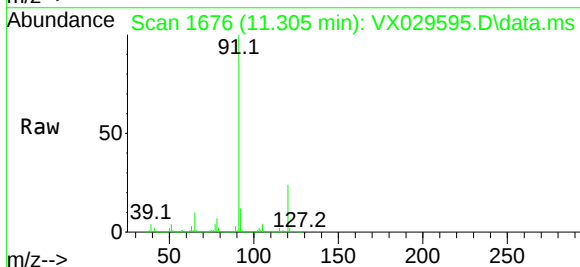
Instrument :
MSVOA_X
ClientSampleId :
MW-28D

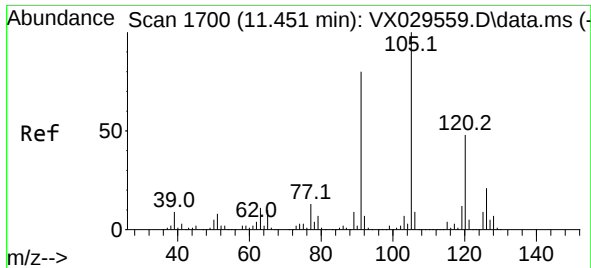
Tgt Ion:105 Resp: 1054528
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5



#78
n-propylbenzene
Concen: 188.418 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029595.D
Acq: 19 Jun 2022 01:53

Tgt Ion: 91 Resp: 2875336
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8

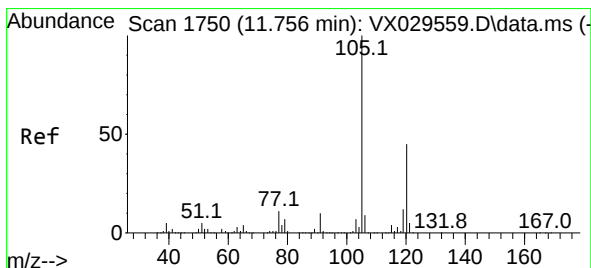
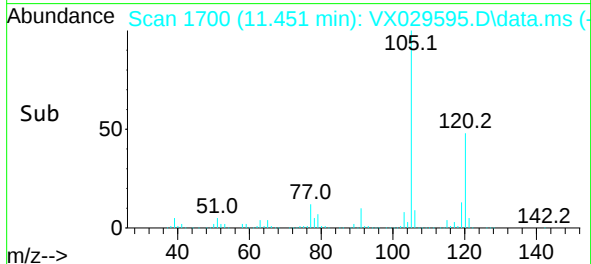
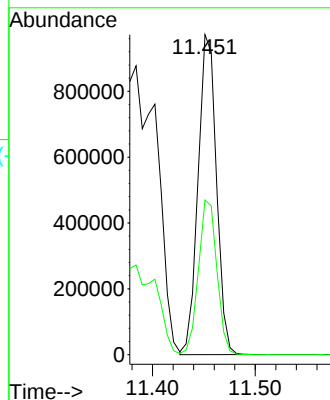
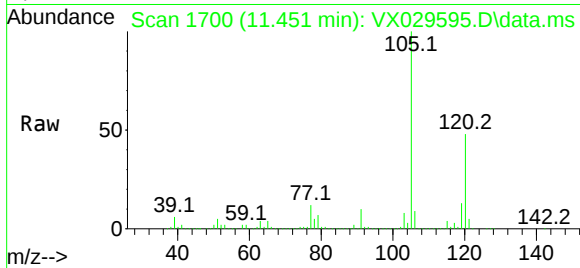




#80
 1,3,5-Trimethylbenzene
 Concen: 105.995 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX029595.D
 Acq: 19 Jun 2022 01:53

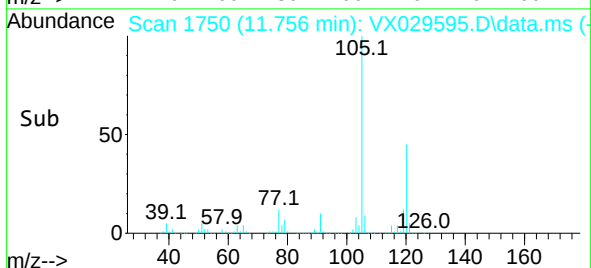
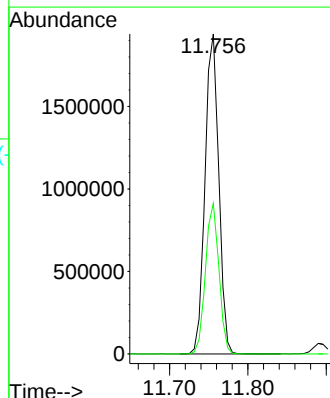
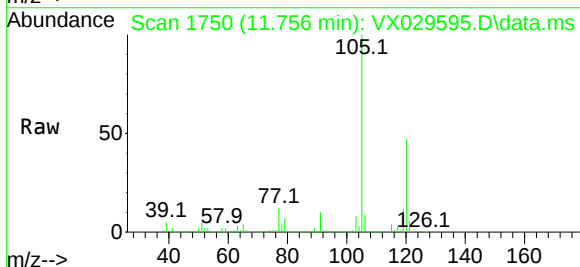
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D

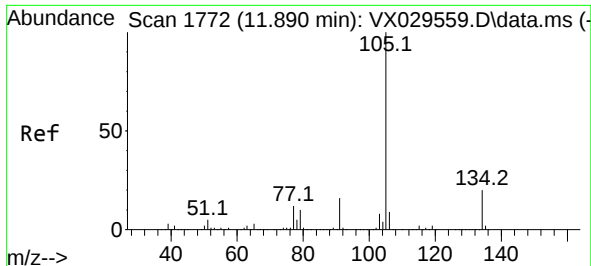
Tgt Ion:105 Resp: 1209502
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 206.784 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029595.D
 Acq: 19 Jun 2022 01:53

Tgt Ion:105 Resp: 2353339
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.8

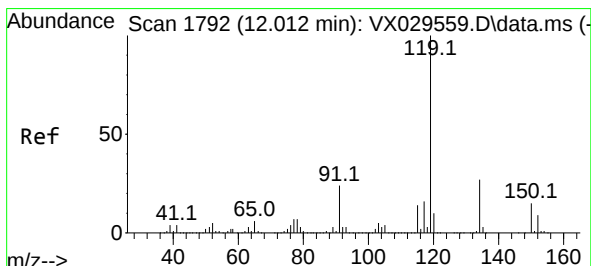
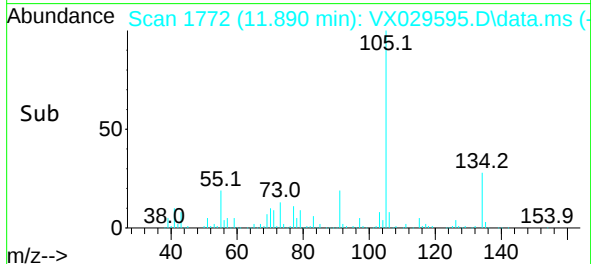
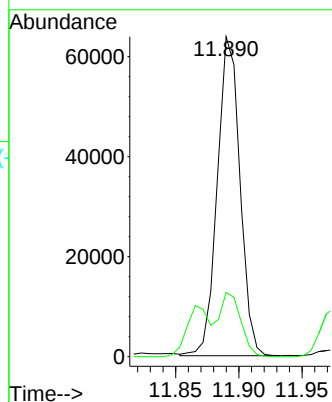
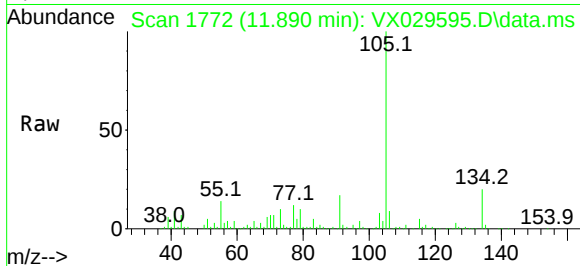




#85
 sec-Butylbenzene
 Concen: 5.763 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029595.D
 Acq: 19 Jun 2022 01:53

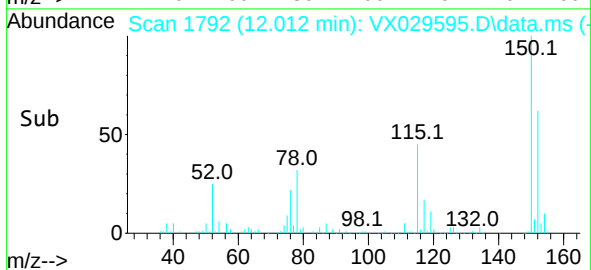
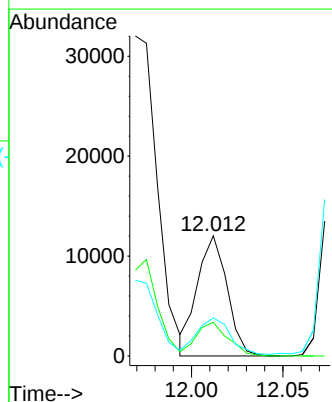
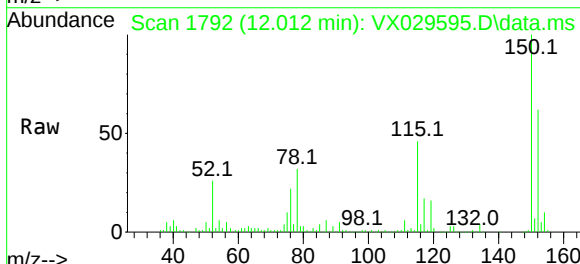
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28D

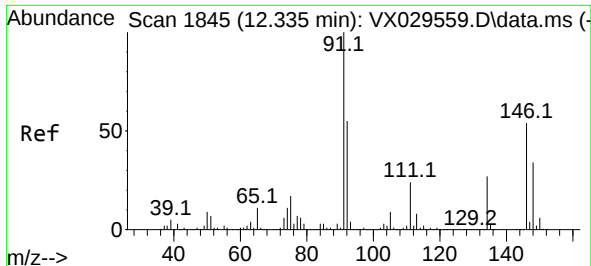
Tgt Ion:105 Resp: 79463
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.183 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029595.D
 Acq: 19 Jun 2022 01:53

Tgt Ion:119 Resp: 13664
 Ion Ratio Lower Upper
 119 100
 134 29.6 13.0 39.0
 91 0.0 11.3 33.9#





#89

n-Butylbenzene

Concen: 11.932 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029595.D

Acq: 19 Jun 2022 01:53

Instrument :

MSVOA_X

ClientSampleId :

MW-28D

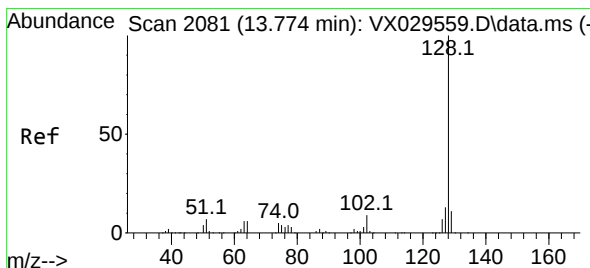
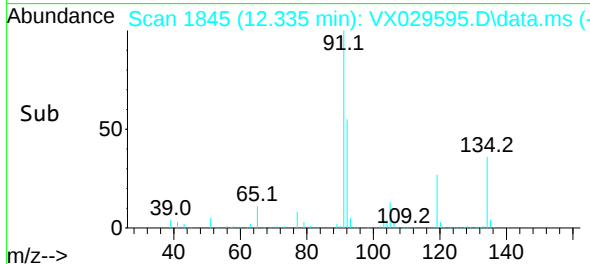
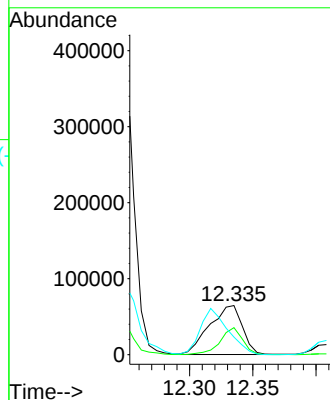
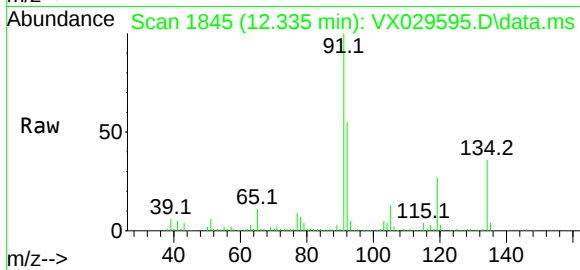
Tgt Ion: 91 Resp: 116266

Ion Ratio Lower Upper

91 100

92 37.9 27.8 83.3

134 79.9 13.3 39.8#



#95

Naphthalene

Concen: 230.856 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029595.D

Acq: 19 Jun 2022 01:53

Tgt Ion:128 Resp: 2926303

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.5 8.7 13.1

