

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029756.D
 Acq On : 23 Jun 2022 19:57
 Operator : JC/MD
 Sample : N3366-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Jun 24 05:41:35 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)

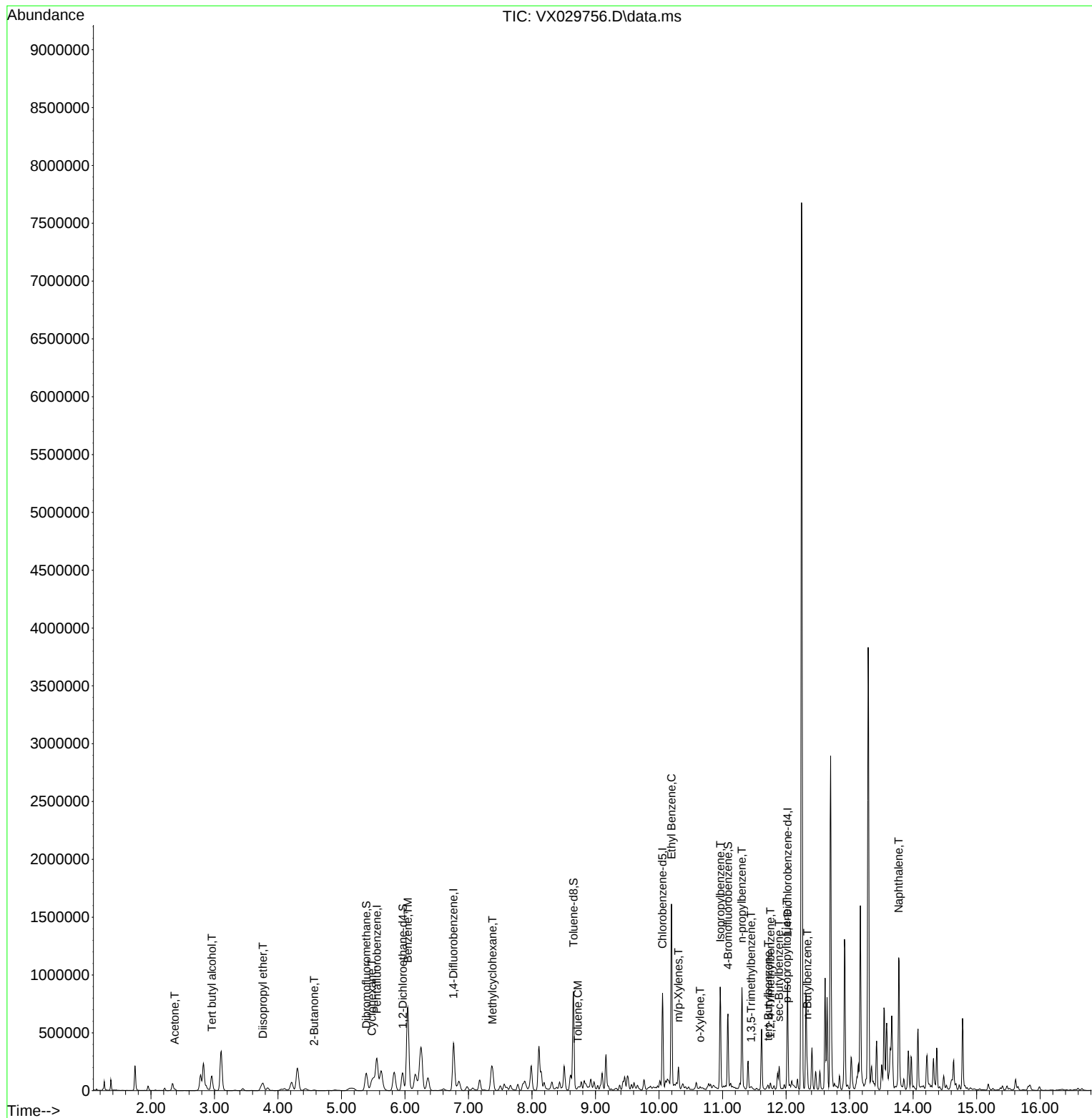
Internal Standards						
1) Pentafluorobenzene	5.556	168	260095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145614	42.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.580%
35) Dibromofluoromethane	5.391	113	128858	45.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.653	98	507711	49.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.085	95	196658	50.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	156724	207.304	ug/l	99
16) Acetone	2.373	43	12431	9.058	ug/l	91
22) Diisopropyl ether	3.763	45	64511	7.665	ug/l #	85
25) 2-Butanone	4.568	43	9488	4.374	ug/l	92
31) Cyclohexane	5.477	56	72644	15.716	ug/l #	89
39) Methylcyclohexane	7.379	83	73659	15.535	ug/l #	78
40) Benzene	6.044	78	925300	82.079	ug/l	99
52) Toluene	8.720	92	8830	1.223	ug/l	96
67) Ethyl Benzene	10.195	91	917148	66.919	ug/l	99
68) m/p-Xylenes	10.305	106	36923	6.908	ug/l	99
69) o-Xylene	10.646	106	2254	0.427	ug/l	97
73) Isopropylbenzene	10.963	105	466782	33.451	ug/l	99
78) n-propylbenzene	11.305	91	533400	33.939	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7791	0.663	ug/l	99
83) tert-Butylbenzene	11.719	119	12649	1.104	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	23734	2.025	ug/l	95
85) sec-Butylbenzene	11.890	105	93401	6.577	ug/l	97
86) p-Isopropyltoluene	12.012	119	24774	2.084	ug/l #	51
89) n-Butylbenzene	12.335	91	150685	15.015	ug/l #	45
95) Naphthalene	13.774	128	747562	57.265	ug/l	98

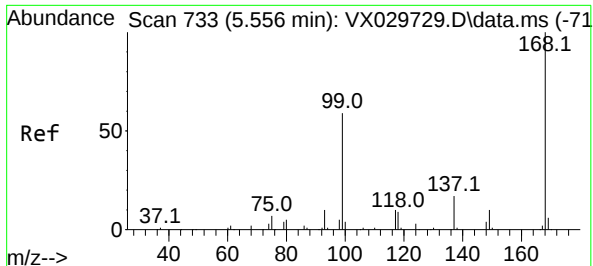
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

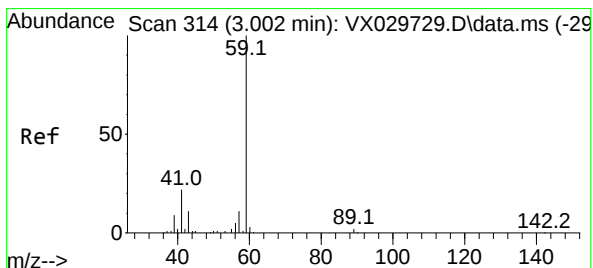
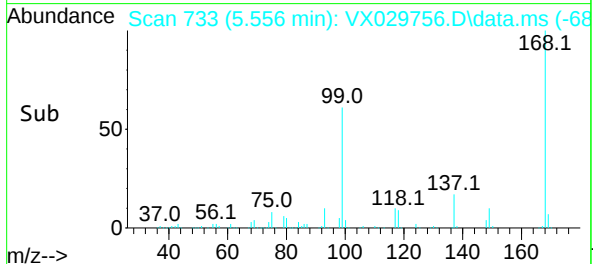
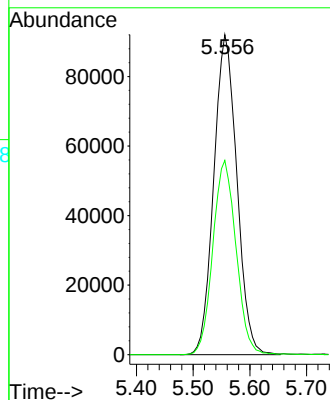
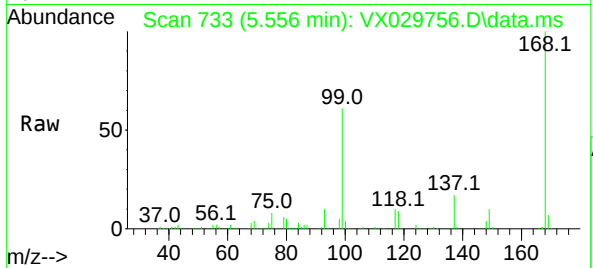




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

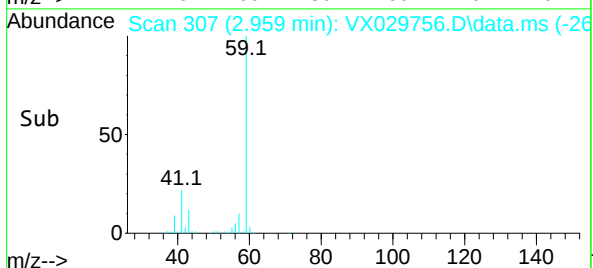
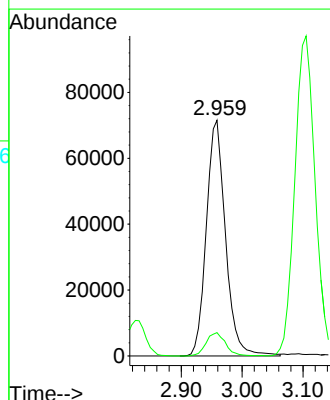
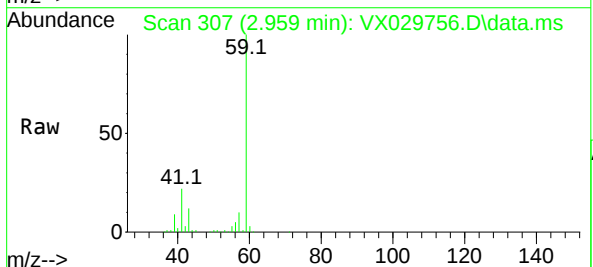
Instrument :
MSVOA_X
ClientSampleId :
MW-14

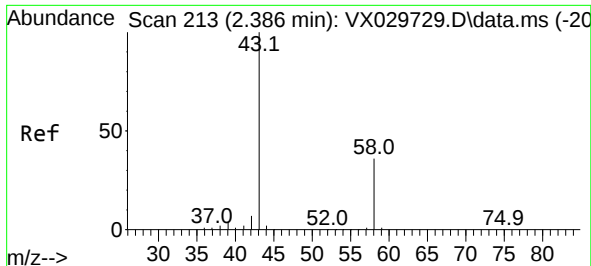
Tgt Ion:168 Resp: 260095
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 207.304 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 59 Resp: 156724
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

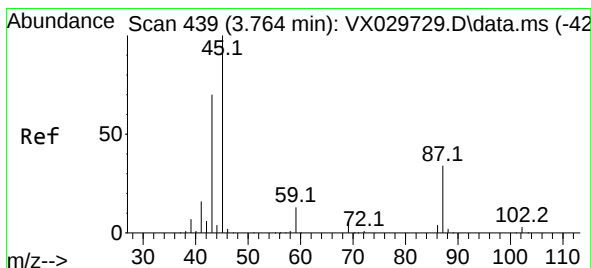
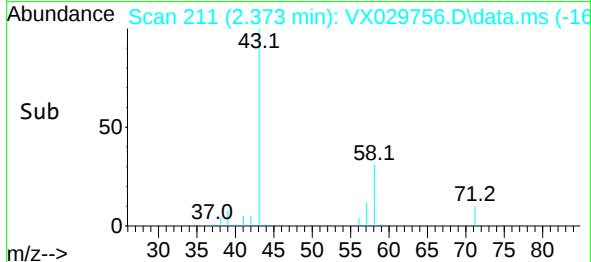
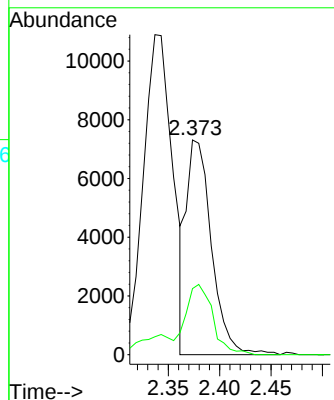
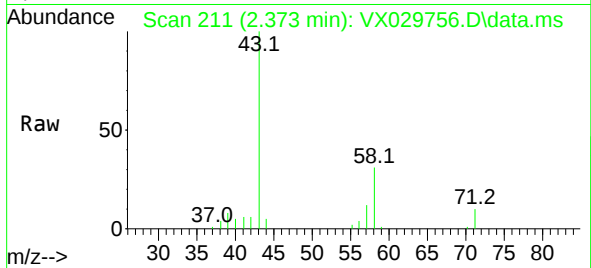




#16
Acetone
Concen: 9.058 ug/l
RT: 2.373 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

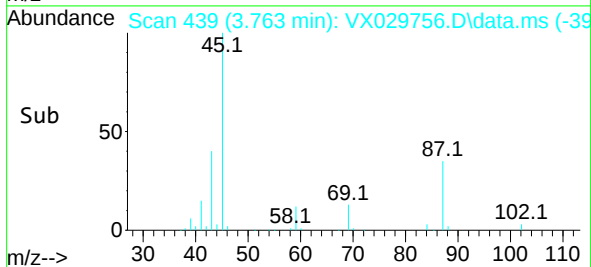
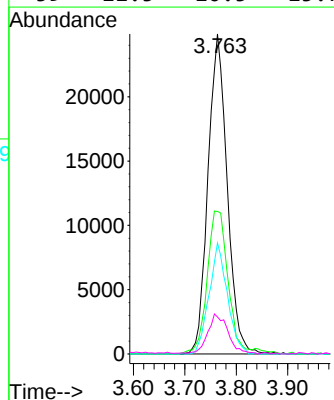
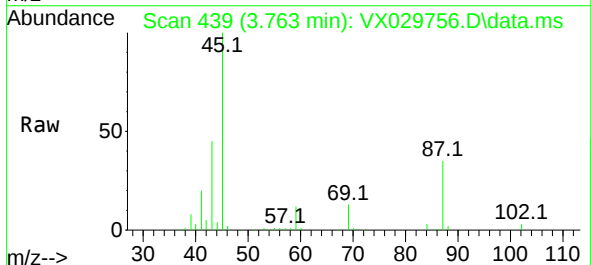
Instrument :
MSVOA_X
ClientSampleId :
MW-14

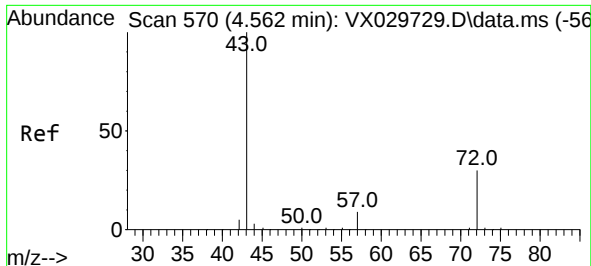
Tgt Ion: 43 Resp: 12431
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2



#22
Diisopropyl ether
Concen: 7.665 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 45 Resp: 64511
Ion Ratio Lower Upper
45 100
43 44.3 50.8 76.2#
87 34.7 26.6 39.8
59 11.5 10.5 15.7

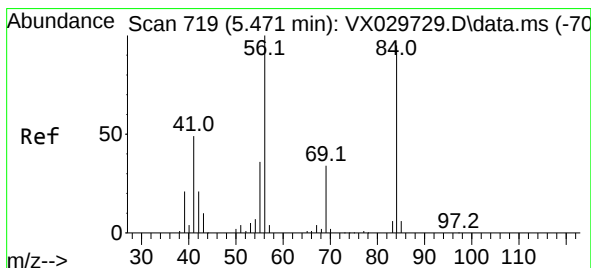
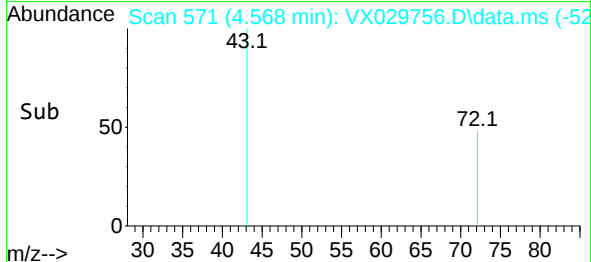
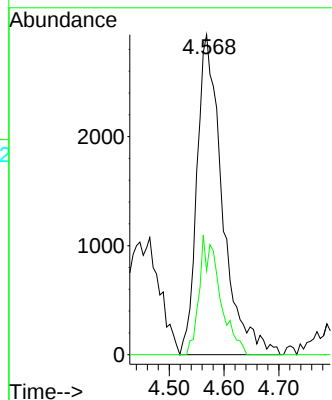
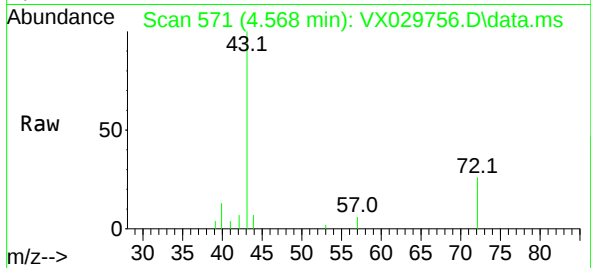




#25
2-Butanone
Concen: 4.374 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

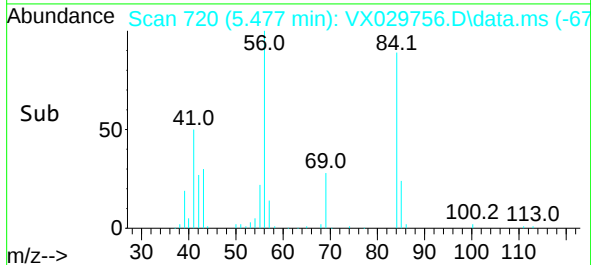
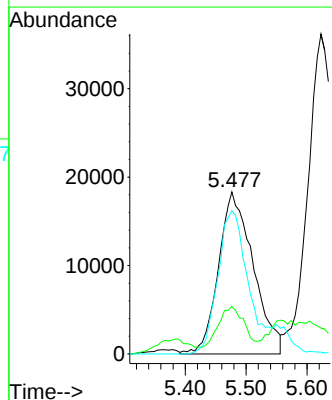
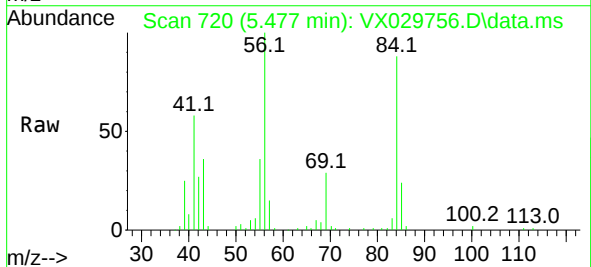
Instrument :
MSVOA_X
ClientSampleId :
MW-14

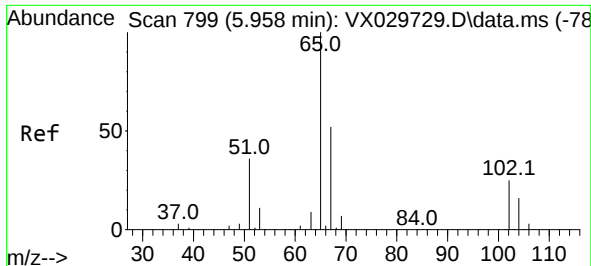
Tgt Ion: 43 Resp: 9488
Ion Ratio Lower Upper
43 100
72 26.3 24.4 36.6



#31
Cyclohexane
Concen: 15.716 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 56 Resp: 72644
Ion Ratio Lower Upper
56 100
69 20.8 26.7 40.1#
84 89.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 42.293 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029756.D

Acq: 23 Jun 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

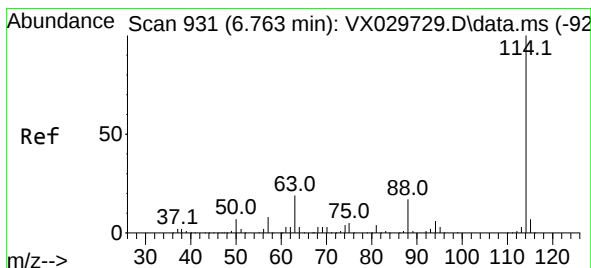
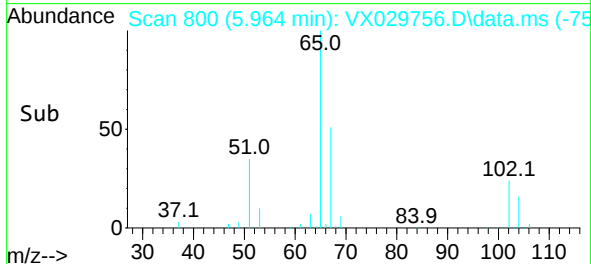
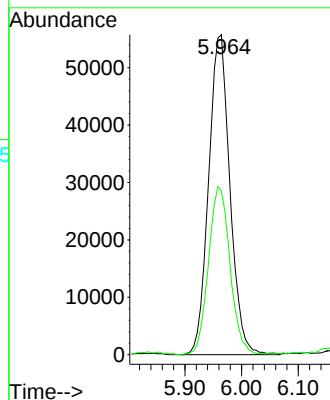
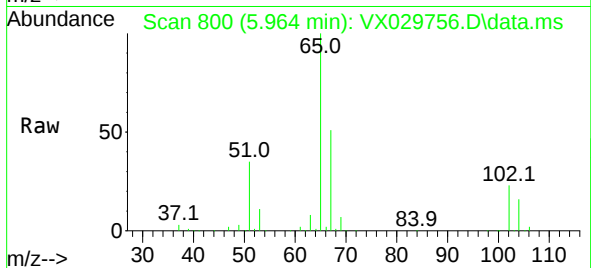
MW-14

Tgt Ion: 65 Resp: 145614

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029756.D

Acq: 23 Jun 2022 19:57

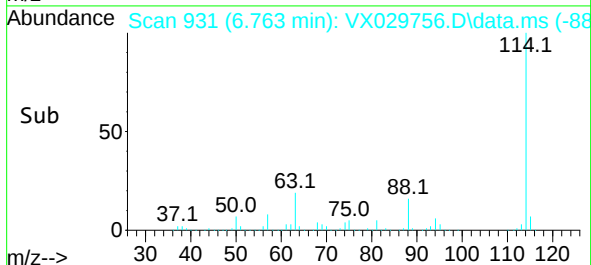
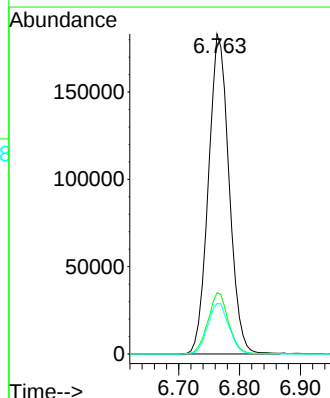
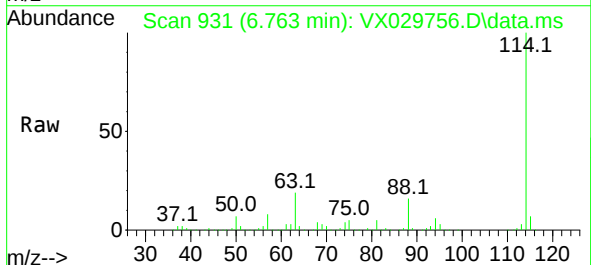
Tgt Ion: 114 Resp: 431182

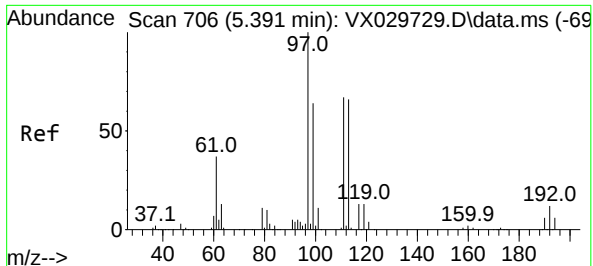
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.858 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029756.D

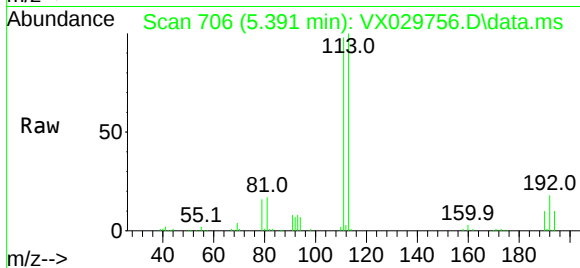
Acq: 23 Jun 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

MW-14



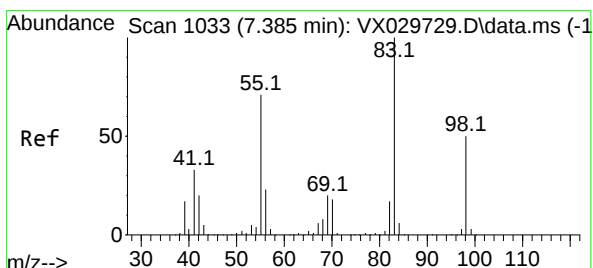
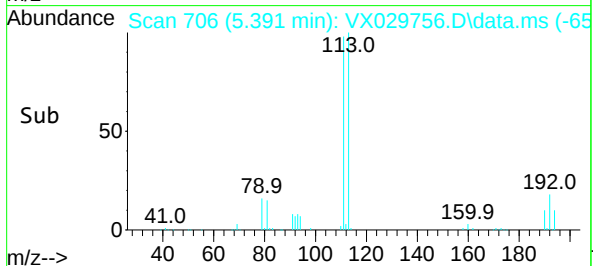
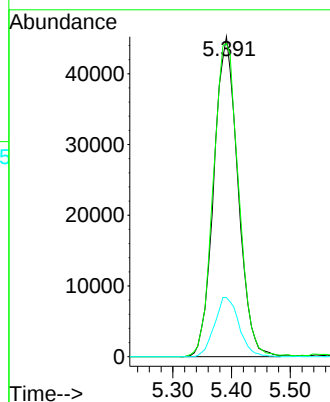
Tgt Ion:113 Resp: 128858

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.8 16.9 25.3



#39

Methylcyclohexane

Concen: 15.535 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029756.D

Acq: 23 Jun 2022 19:57

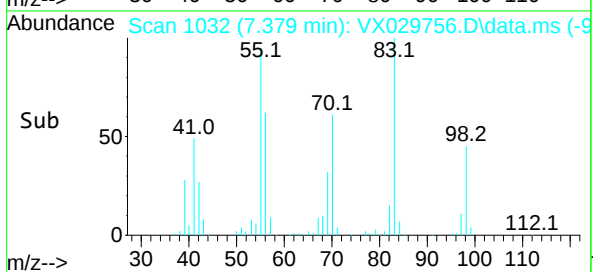
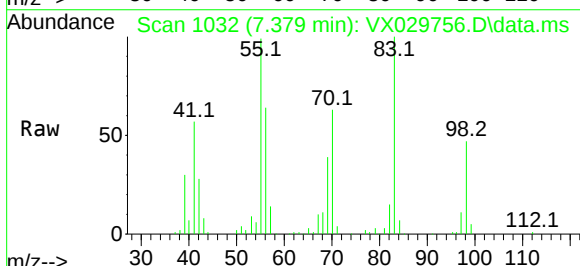
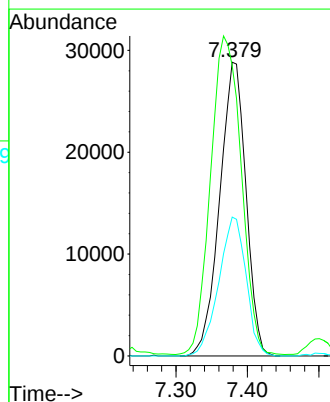
Tgt Ion: 83 Resp: 73659

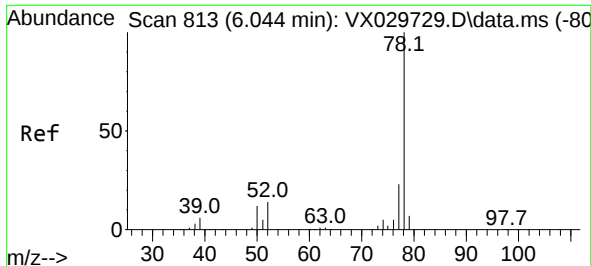
Ion Ratio Lower Upper

83 100

55 98.2 54.6 81.8#

98 47.2 37.4 56.2

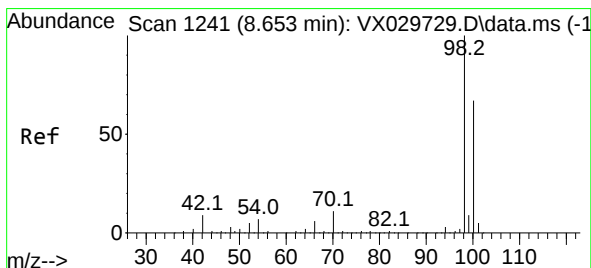
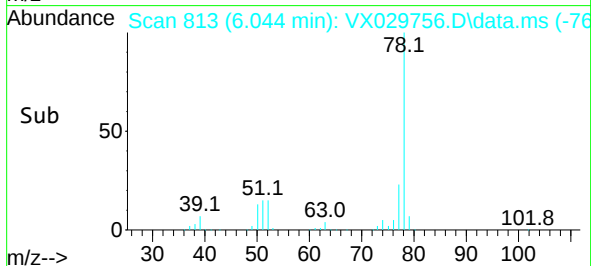
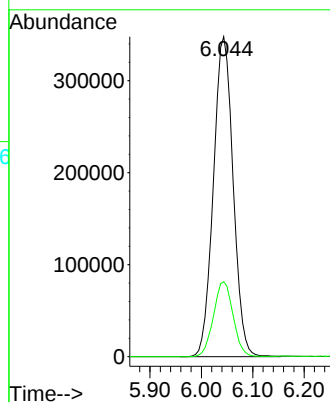
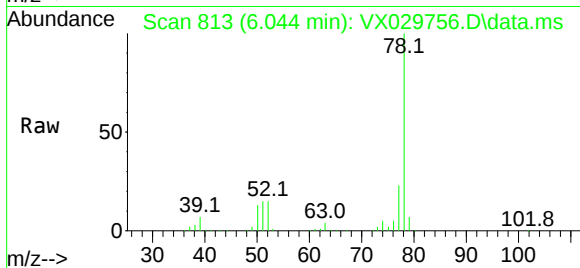




#40
Benzene
Concen: 82.079 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

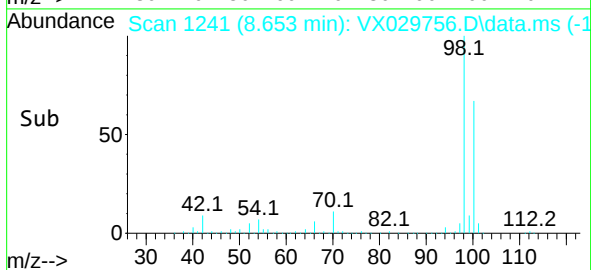
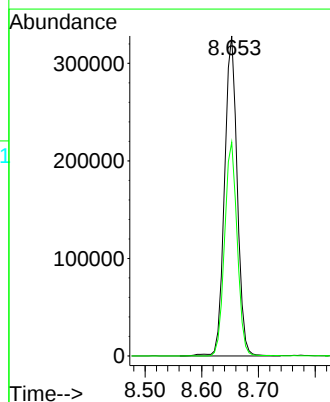
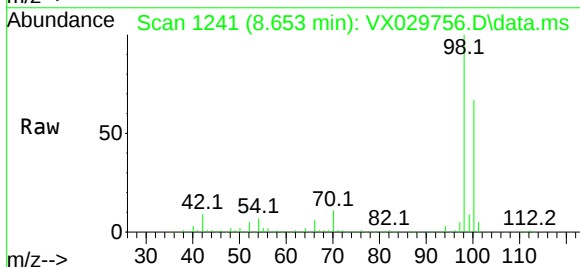
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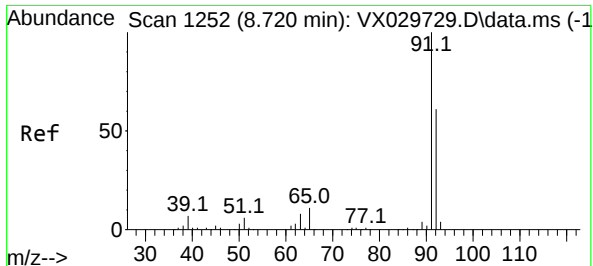
Tgt Ion: 78 Resp: 925300
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9



#50
Toluene-d8
Concen: 49.459 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 98 Resp: 507711
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

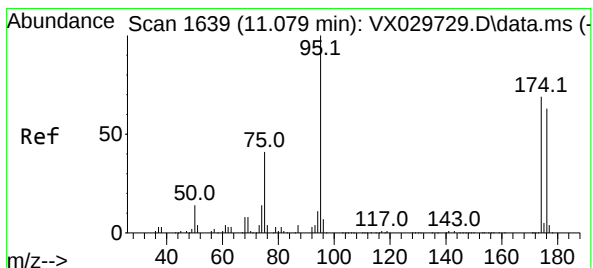
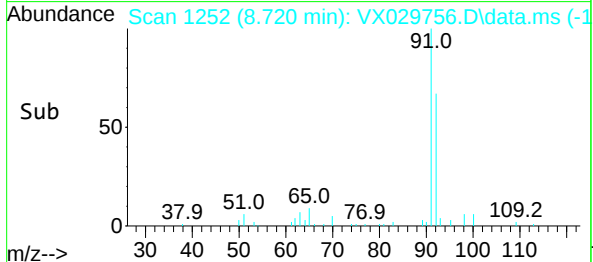
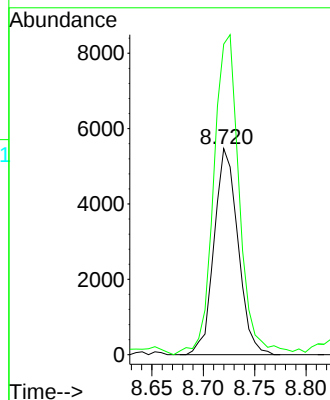
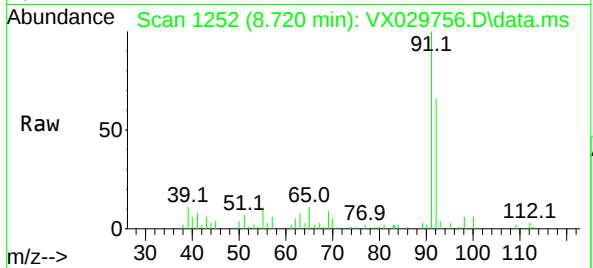




#52
Toluene
Concen: 1.223 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

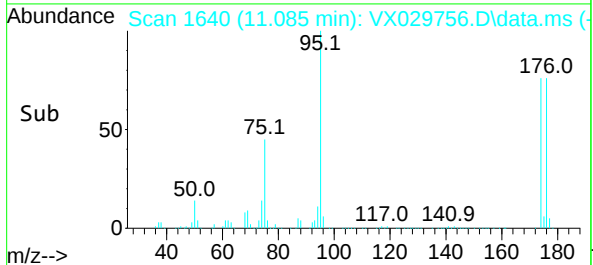
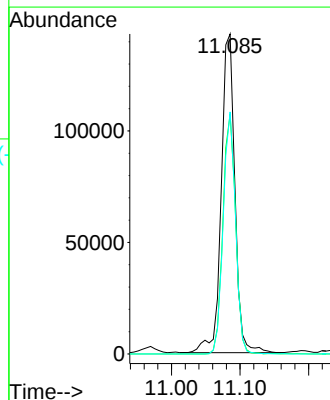
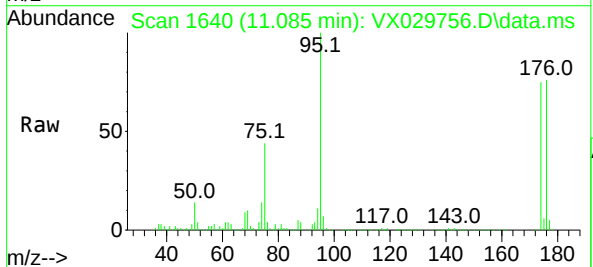
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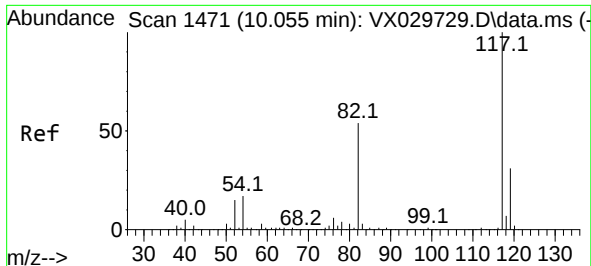
Tgt Ion: 92 Resp: 8830
Ion Ratio Lower Upper
92 100
91 166.6 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 50.801 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 95 Resp: 196658
Ion Ratio Lower Upper
95 100
174 69.6 0.0 163.0
176 68.4 0.0 155.0

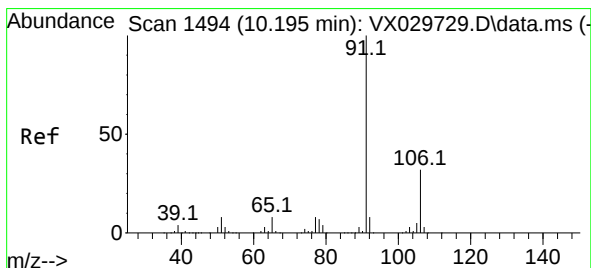
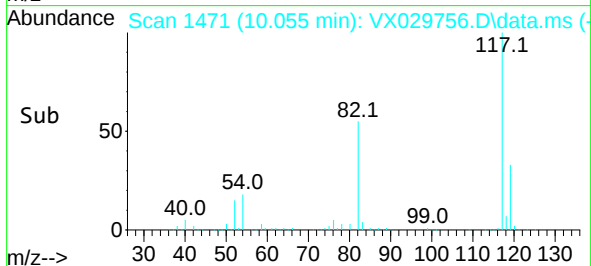
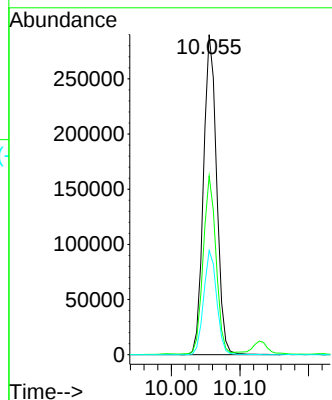
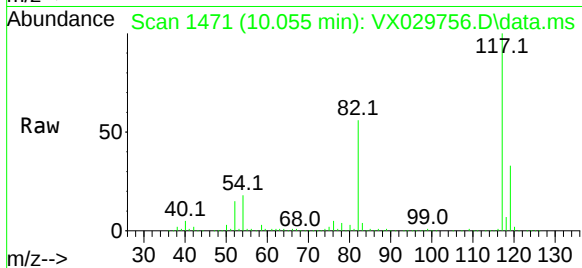




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

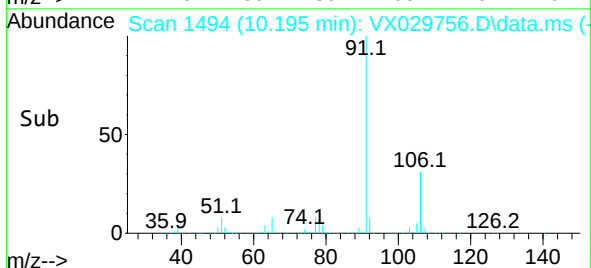
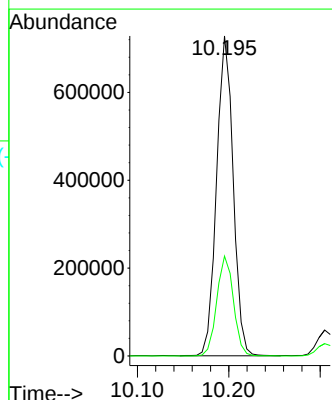
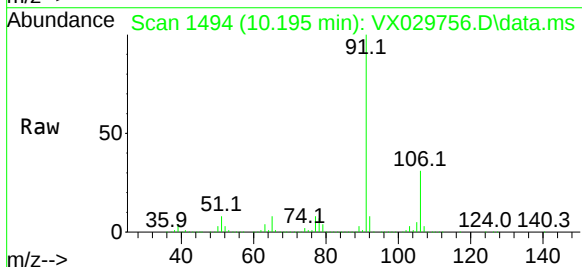
Instrument :
MSVOA_X
ClientSampleId :
MW-14

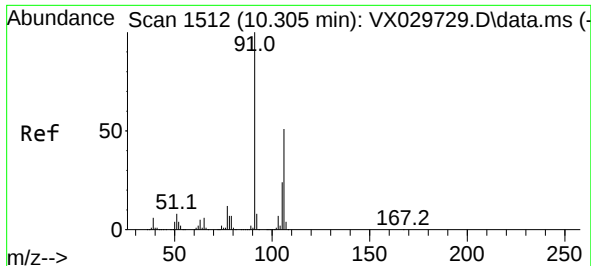
Tgt Ion:117 Resp: 388274
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 66.919 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 91 Resp: 917148
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

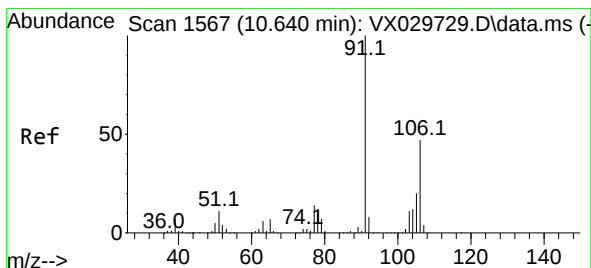
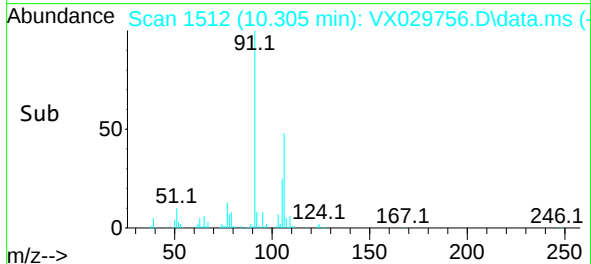
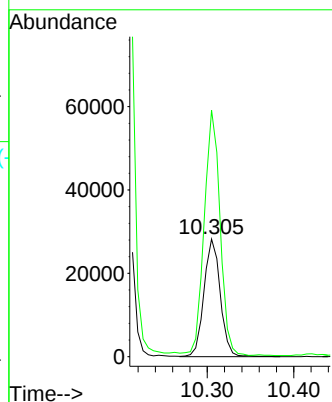
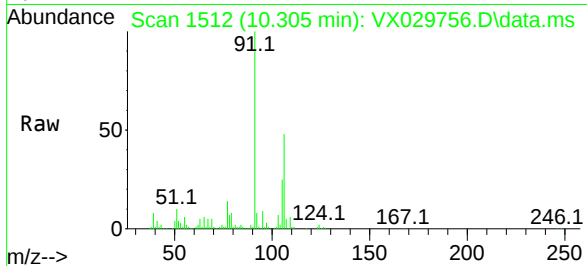




#68
m/p-Xylenes
Concen: 6.908 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

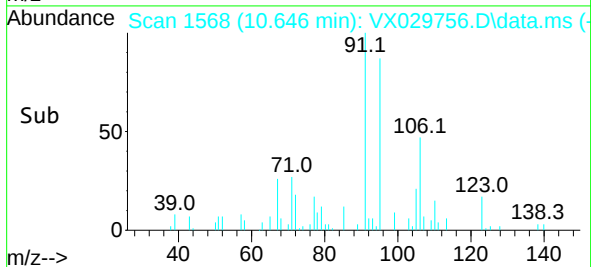
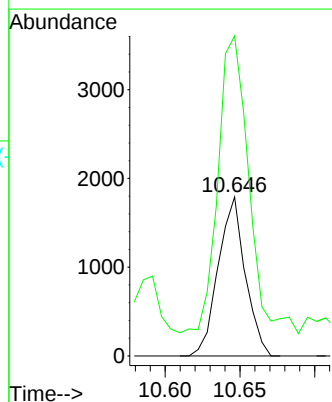
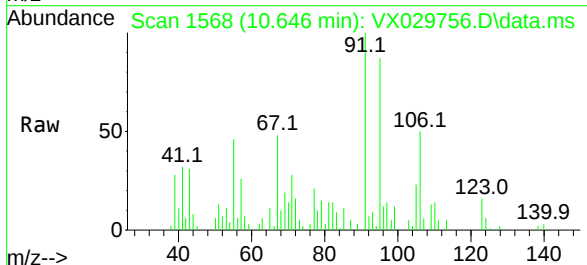
Instrument :
MSVOA_X
ClientSampleId :
MW-14

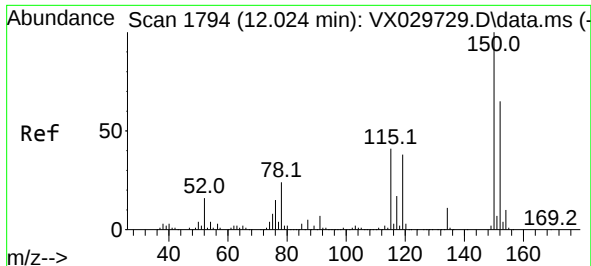
Tgt Ion:106 Resp: 36923
Ion Ratio Lower Upper
106 100
91 201.7 160.4 240.6



#69
o-Xylene
Concen: 0.427 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion:106 Resp: 2254
Ion Ratio Lower Upper
106 100
91 216.1 106.1 318.1

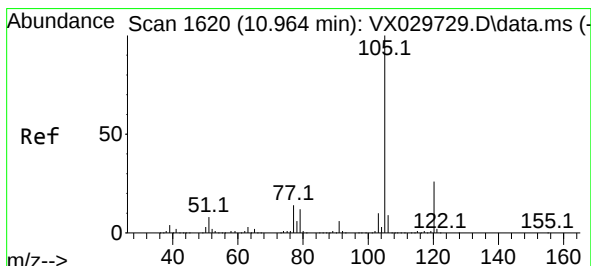
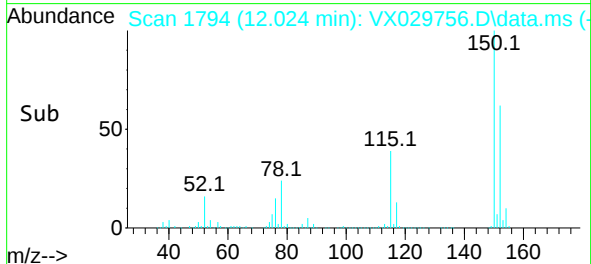
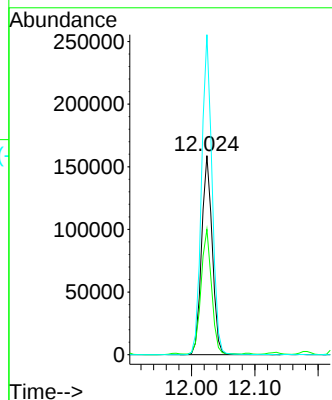
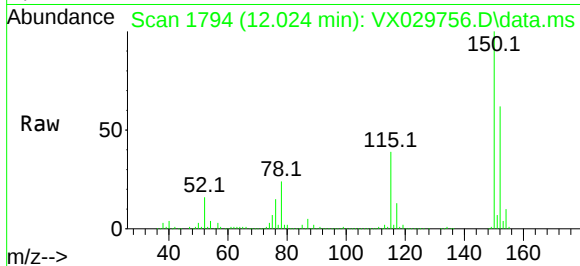




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

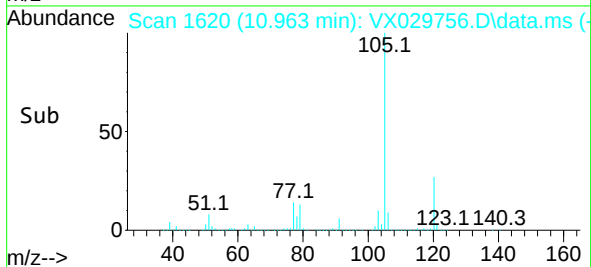
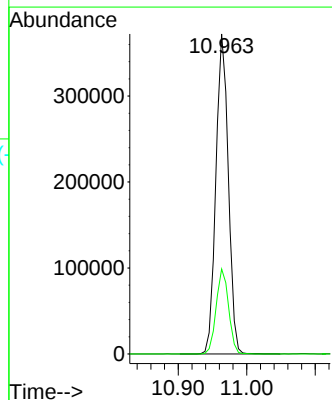
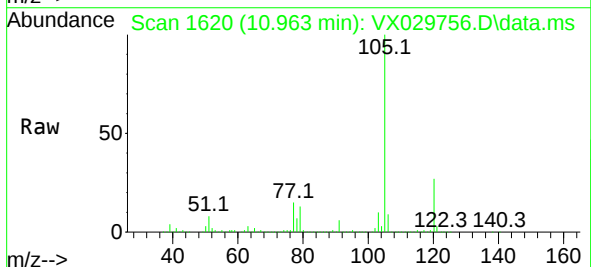
Instrument :
MSVOA_X
ClientSampleId :
MW-14

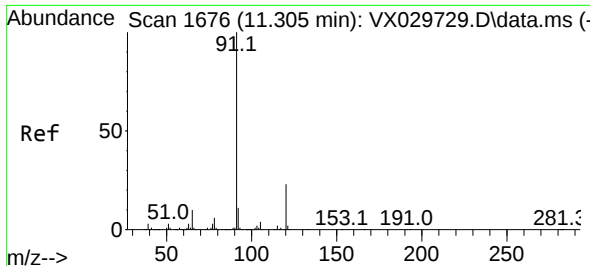
Tgt Ion:152 Resp: 186109
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.4 0.0 338.2



#73
Isopropylbenzene
Concen: 33.451 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion:105 Resp: 466782
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

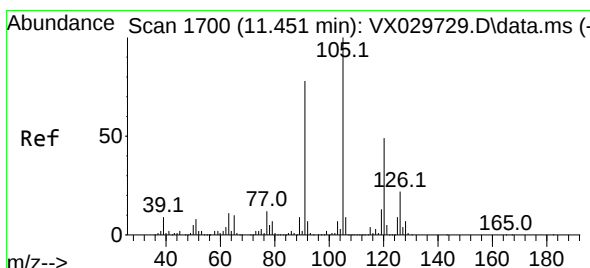
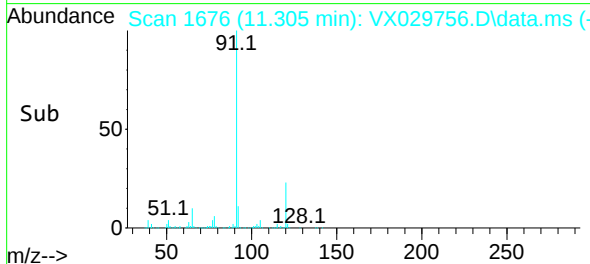
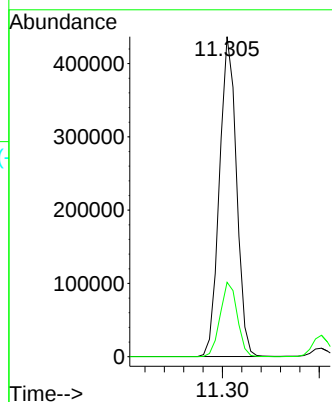
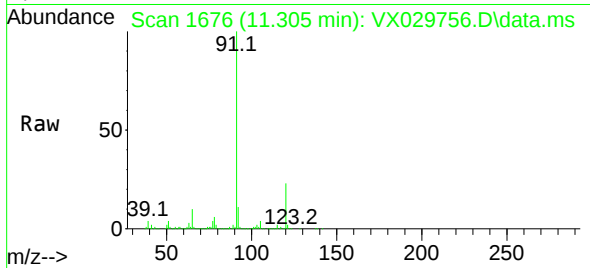




#78
n-propylbenzene
Concen: 33.939 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

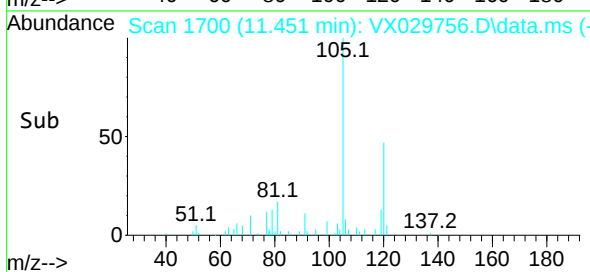
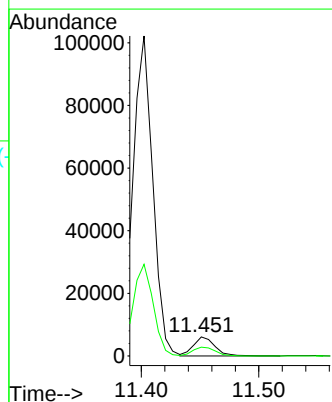
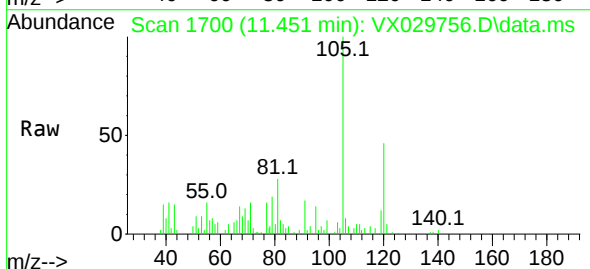
Instrument :
MSVOA_X
ClientSampleId :
MW-14

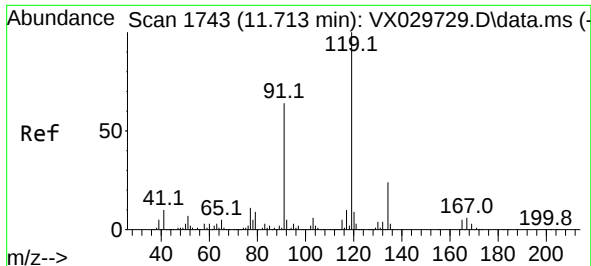
Tgt Ion: 91 Resp: 533400
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.663 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 105 Resp: 7791
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9

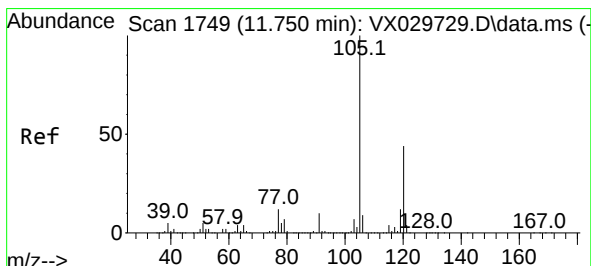
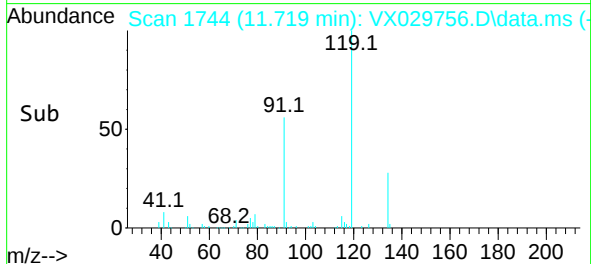
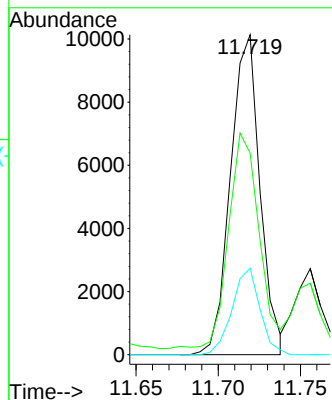
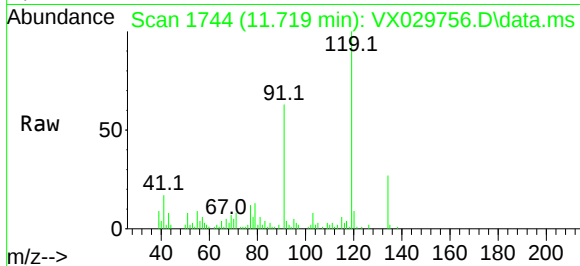




#83
tert-Butylbenzene
Concen: 1.104 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

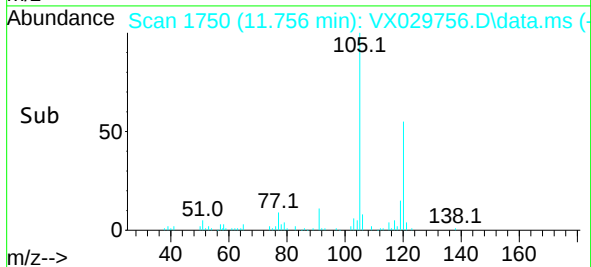
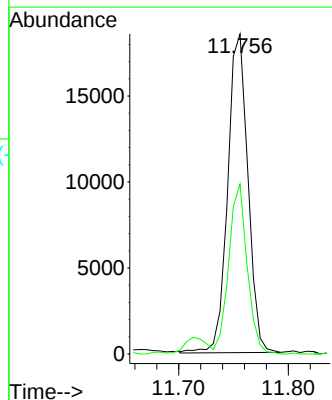
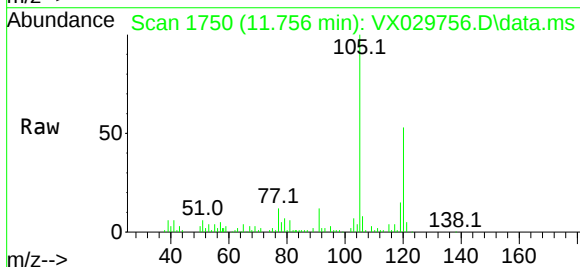
Instrument :
MSVOA_X
ClientSampleId :
MW-14

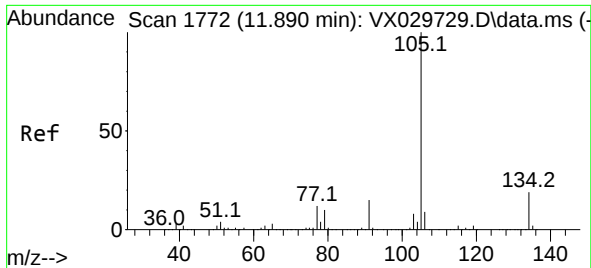
Tgt Ion:119 Resp: 12649
Ion Ratio Lower Upper
119 100
91 69.7 26.9 80.6
134 25.5 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 2.025 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion:105 Resp: 23734
Ion Ratio Lower Upper
105 100
120 48.6 22.6 67.8

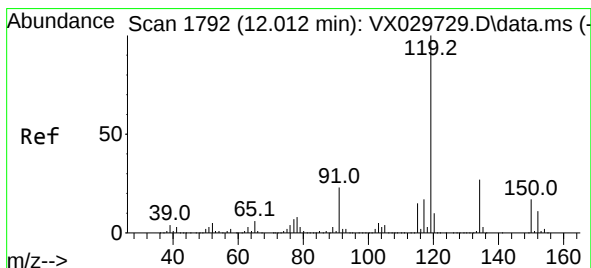
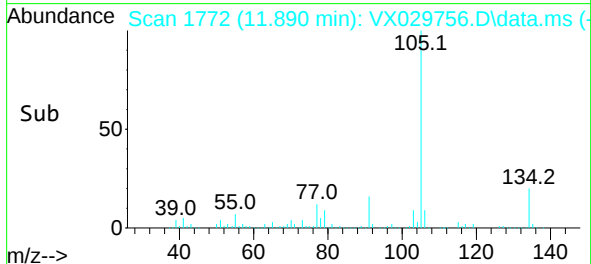
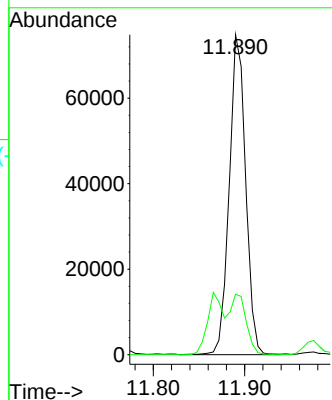
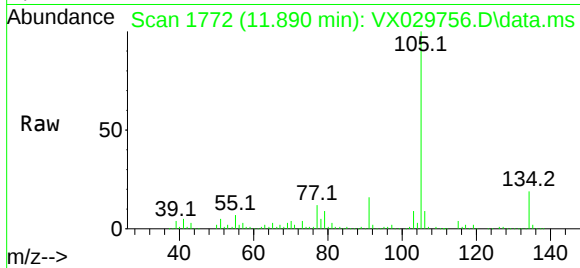




#85
 sec-Butylbenzene
 Concen: 6.577 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029756.D
 Acq: 23 Jun 2022 19:57

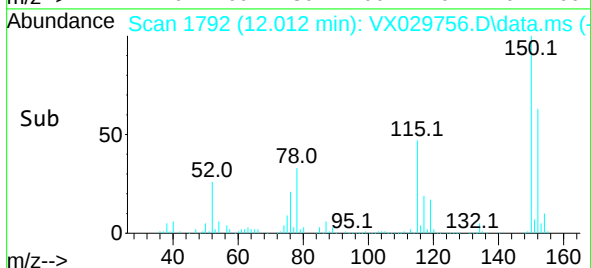
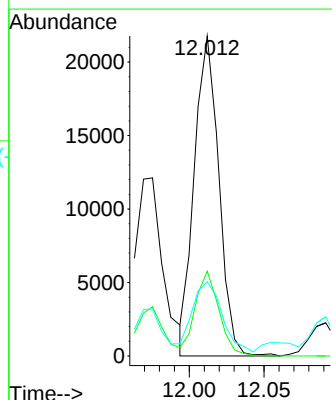
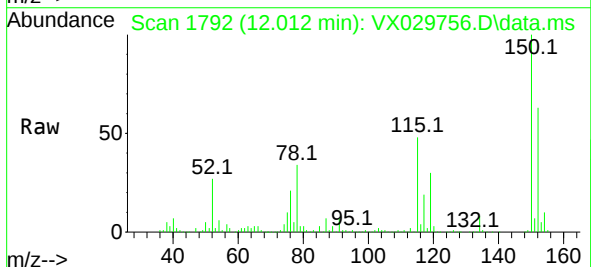
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

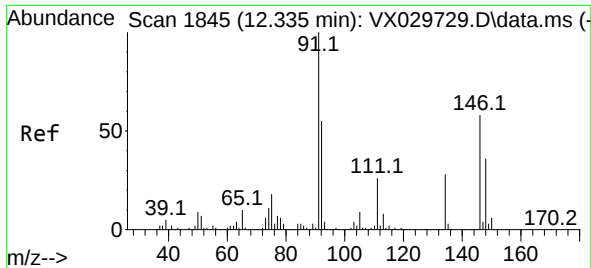
Tgt Ion:105 Resp: 93401
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.084 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029756.D
 Acq: 23 Jun 2022 19:57

Tgt Ion:119 Resp: 24774
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 39.0#
 91 0.0 11.3 33.9#

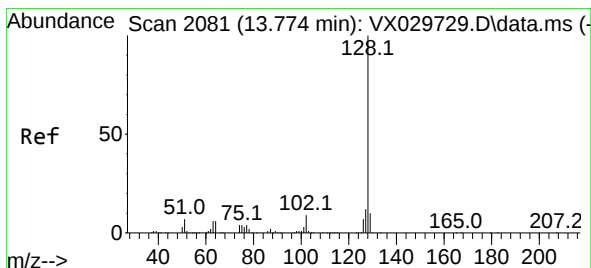
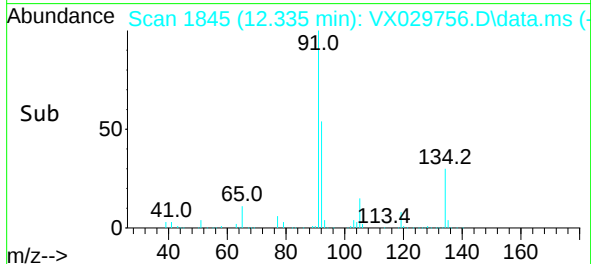
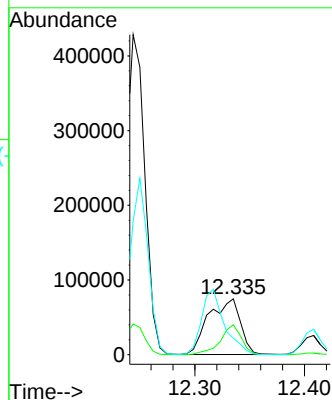
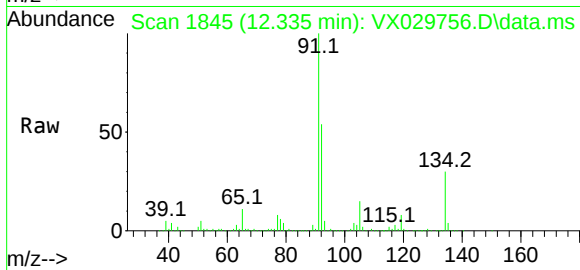




#89
n-Butylbenzene
Concen: 15.015 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion: 91 Resp: 150685
Ion Ratio Lower Upper
91 100
92 35.7 27.8 83.3
134 84.1 13.3 39.8#



#95
Naphthalene
Concen: 57.265 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029756.D
Acq: 23 Jun 2022 19:57

Tgt Ion: 128 Resp: 747562
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 12.1 8.7 13.1

