

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029615.D
 Acq On : 20 Jun 2022 12:10
 Operator : JC/MD
 Sample : N3325-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Jun 21 01:49:10 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)

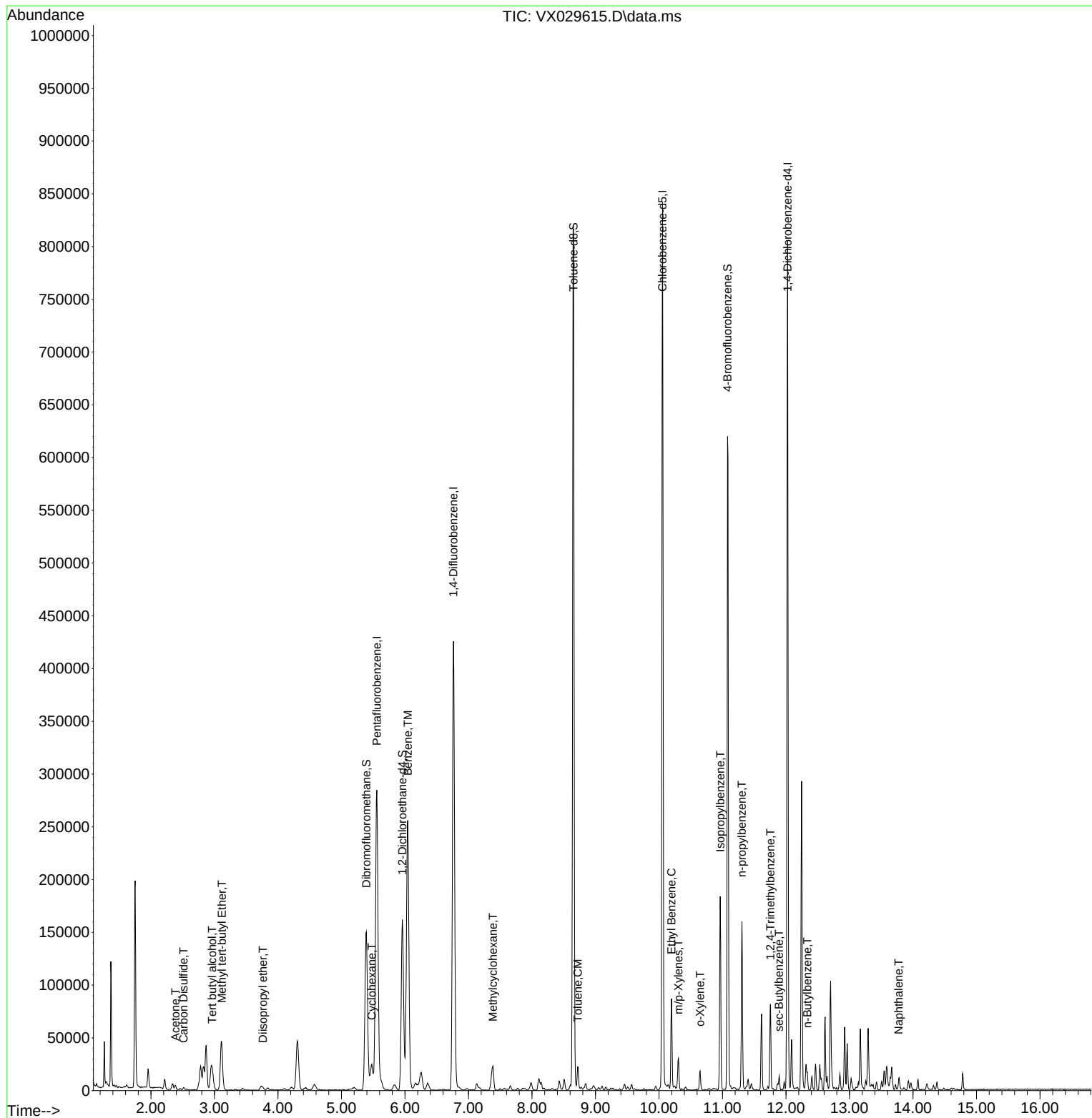
Internal Standards						
1) Pentafluorobenzene	5.556	168	270882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154184	42.999	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.000%
35) Dibromofluoromethane	5.391	113	134792	45.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.653	98	515596	47.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.079	95	182412	44.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	29113	29.080	ug/l #	92
16) Acetone	2.386	43	4575	3.201	ug/l	99
17) Carbon Disulfide	2.514	76	2710	0.381	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	33455	3.511	ug/l #	42
22) Diisopropyl ether	3.764	45	2330	0.266	ug/l #	81
31) Cyclohexane	5.477	56	17067	3.545	ug/l	91
39) Methylcyclohexane	7.385	83	10175	2.026	ug/l	99
40) Benzene	6.044	78	327551	27.427	ug/l	96
52) Toluene	8.720	92	8285	1.083	ug/l	97
67) Ethyl Benzene	10.195	91	51431	3.712	ug/l	99
68) m/p-Xylenes	10.305	106	7313	1.353	ug/l	100
69) o-Xylene	10.647	106	3970	0.744	ug/l	97
73) Isopropylbenzene	10.964	105	95490	7.650	ug/l	100
78) n-propylbenzene	11.305	91	99003	7.042	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	36926	3.522	ug/l	100
85) sec-Butylbenzene	11.890	105	6225	0.490	ug/l	97
89) n-Butylbenzene	12.335	91	7186	0.800	ug/l #	69
95) Naphthalene	13.774	128	7815	0.669	ug/l #	94

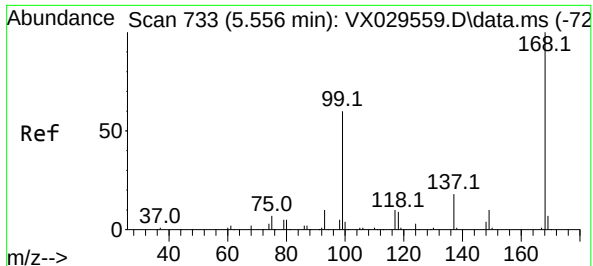
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

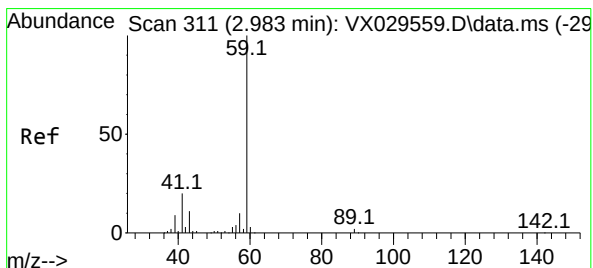
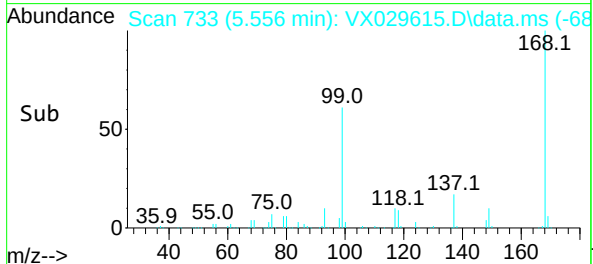
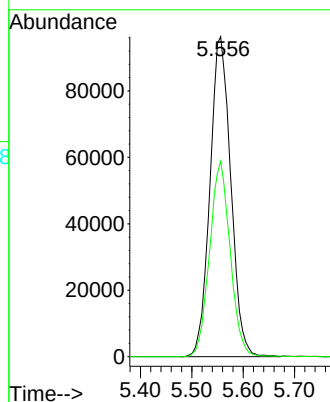
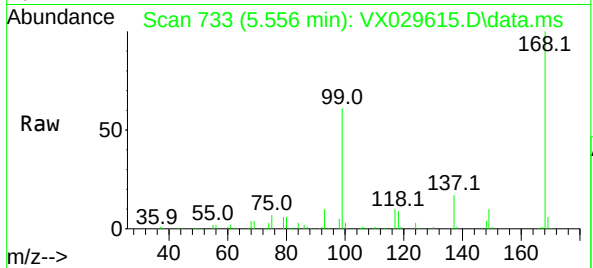




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

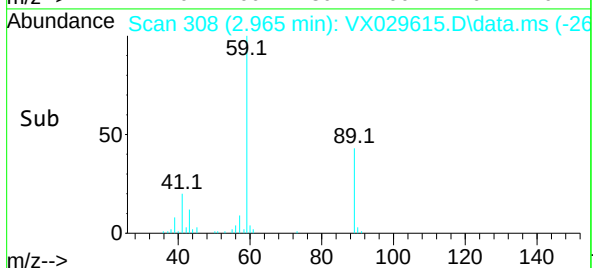
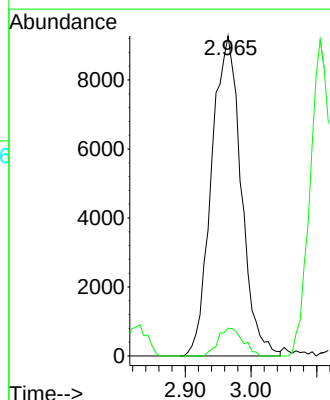
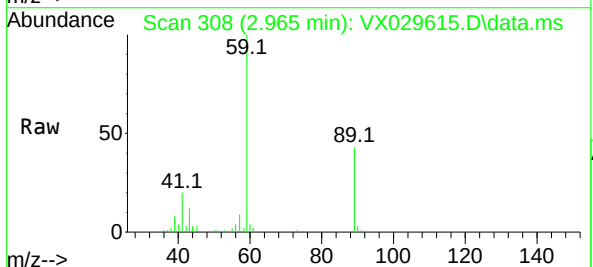
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

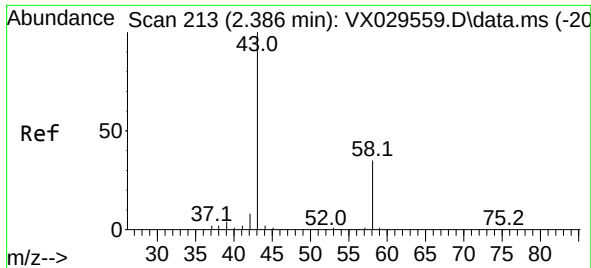
Tgt Ion:168 Resp: 270882
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5



#11
Tert butyl alcohol
Concen: 29.080 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 59 Resp: 29113
Ion Ratio Lower Upper
59 100
57 7.3 8.3 12.5#

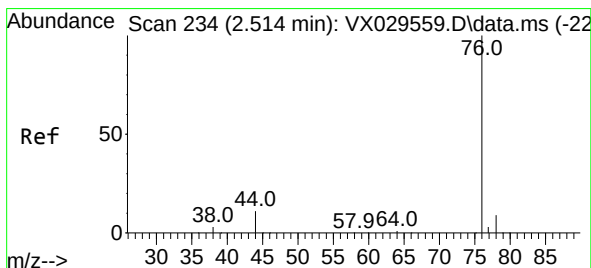
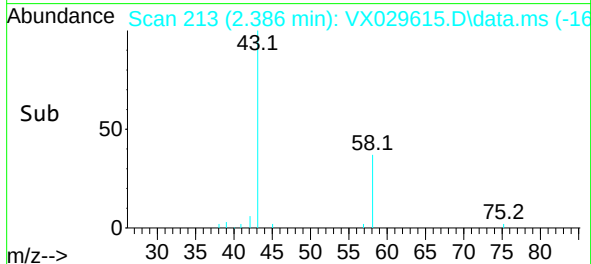
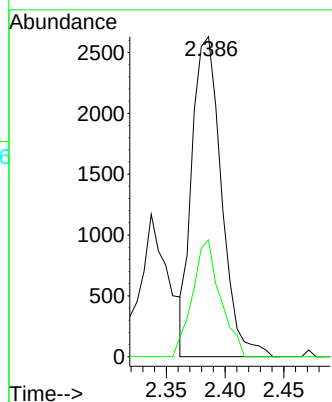
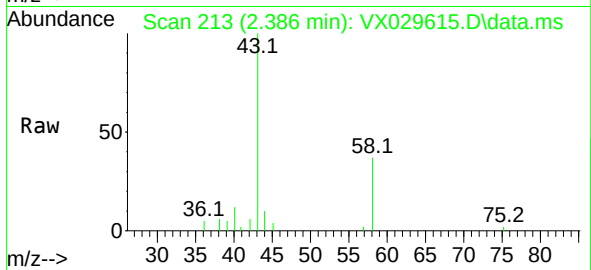




#16
Acetone
Concen: 3.201 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

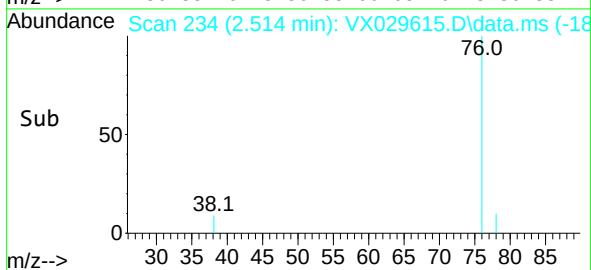
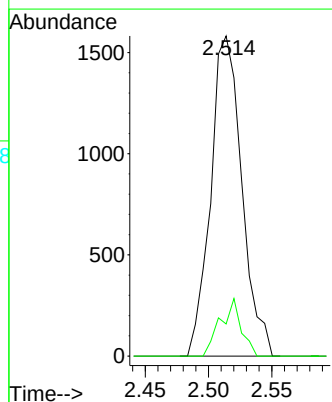
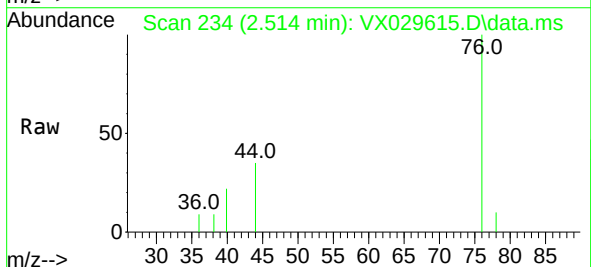
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

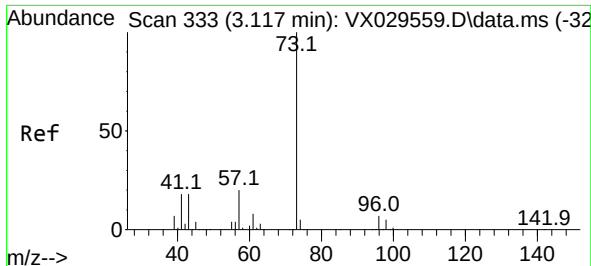
Tgt Ion: 43 Resp: 4575
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2



#17
Carbon Disulfide
Concen: 0.381 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 76 Resp: 2710
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

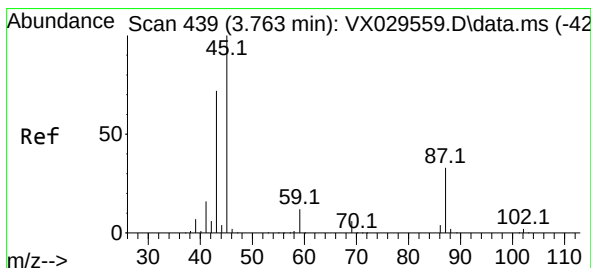
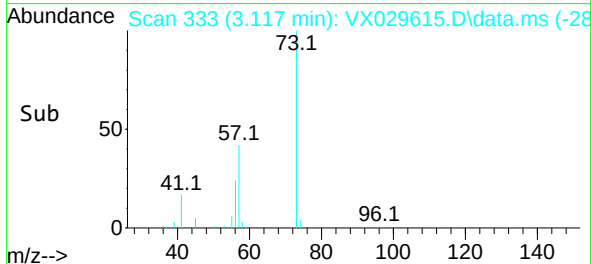
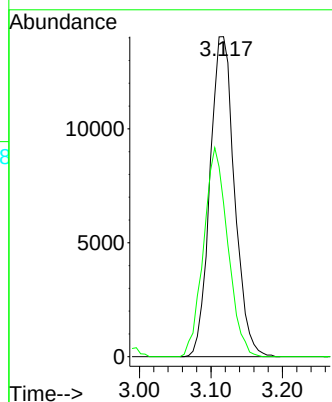
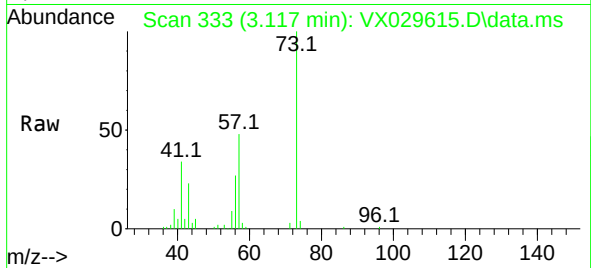




#19
Methyl tert-butyl Ether
Concen: 3.511 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

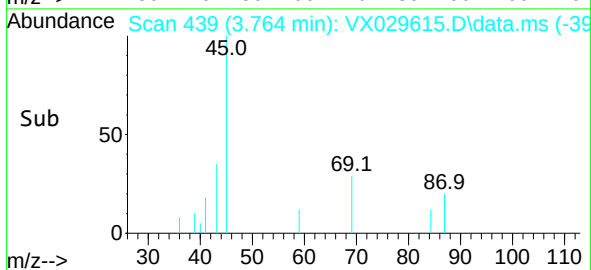
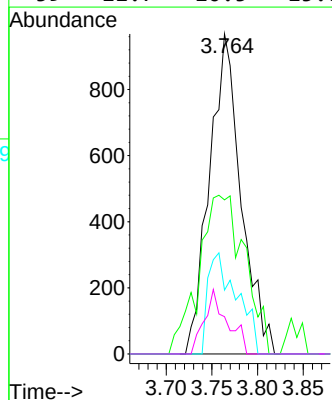
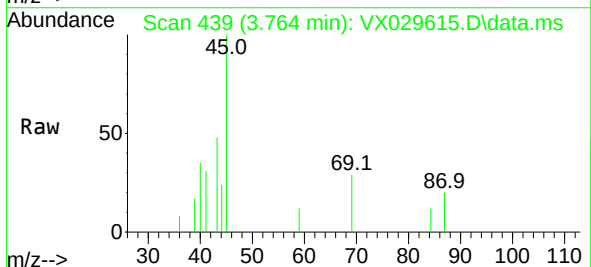
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

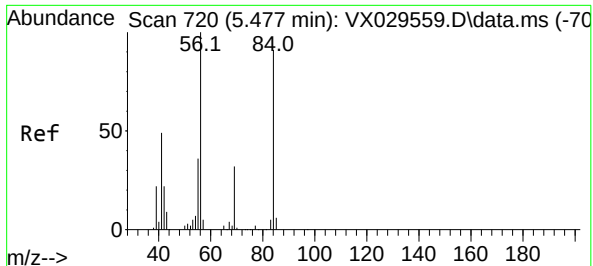
Tgt Ion: 73 Resp: 33455
Ion Ratio Lower Upper
73 100
57 48.0 16.8 25.2#



#22
Diisopropyl ether
Concen: 0.266 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 45 Resp: 2330
Ion Ratio Lower Upper
45 100
43 48.1 50.8 76.2#
87 19.9 26.6 39.8#
59 11.7 10.5 15.7

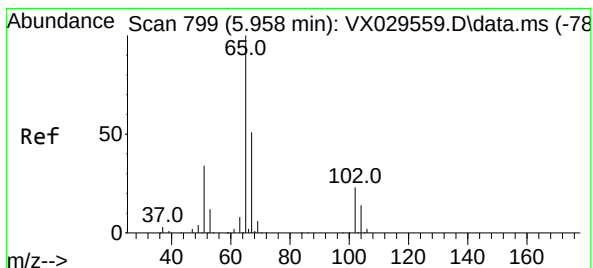
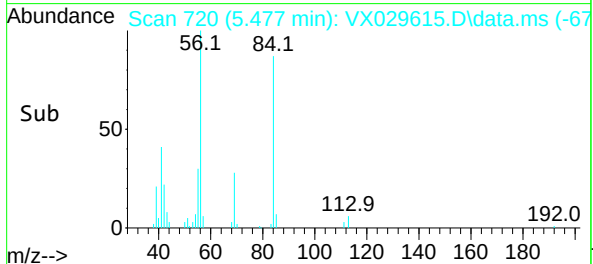
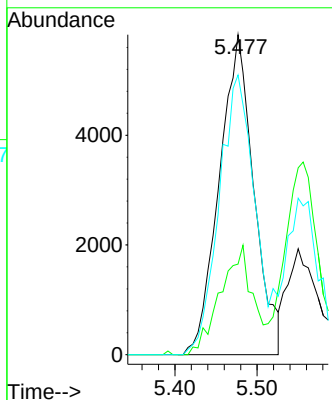
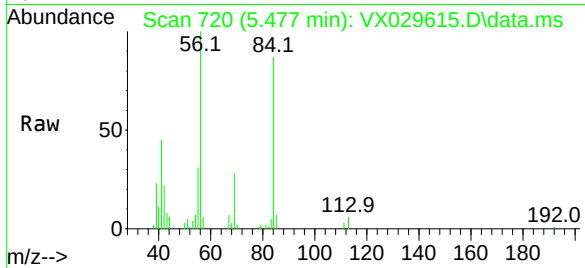




#31
Cyclohexane
Concen: 3.545 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

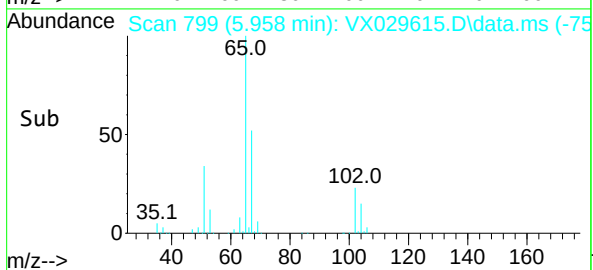
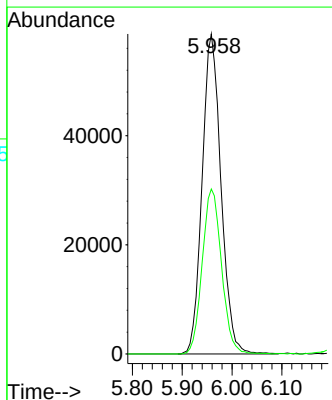
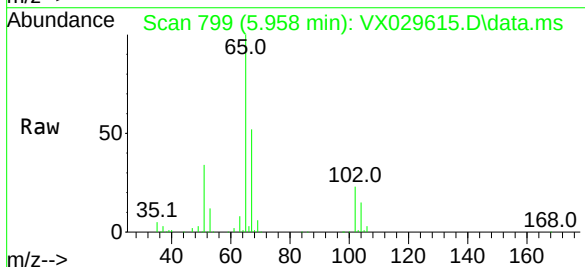
Instrument :
MSVOA_X
ClientSampleId :
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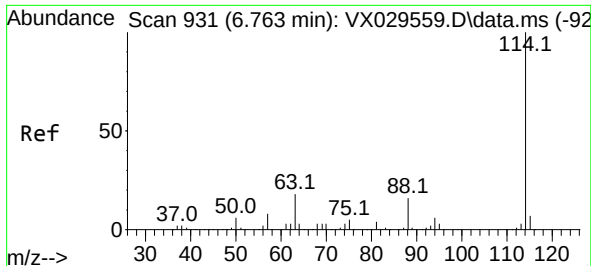
Tgt Ion: 56 Resp: 17067
Ion Ratio Lower Upper
56 100
69 28.3 26.7 40.1
84 87.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 42.999 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 65 Resp: 154184
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

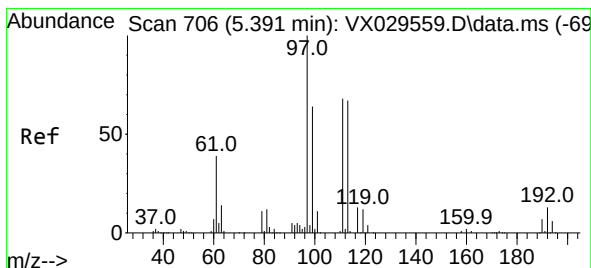
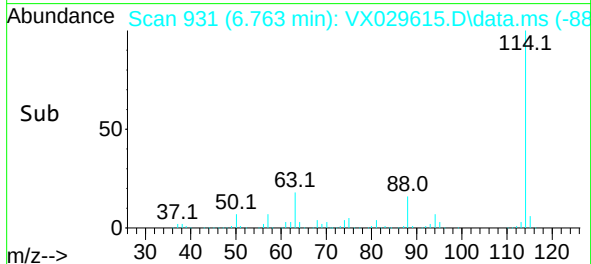
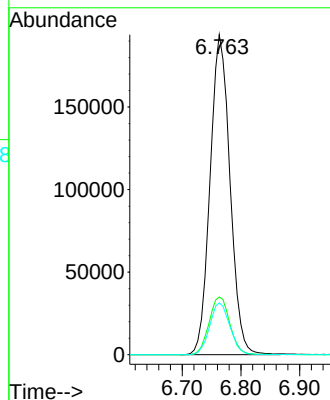
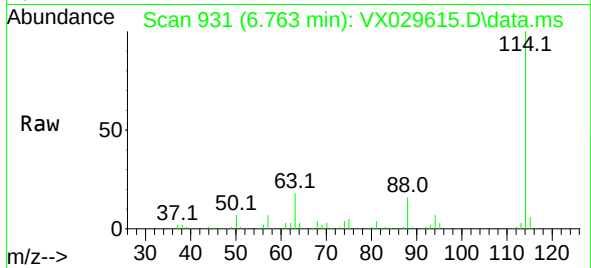




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

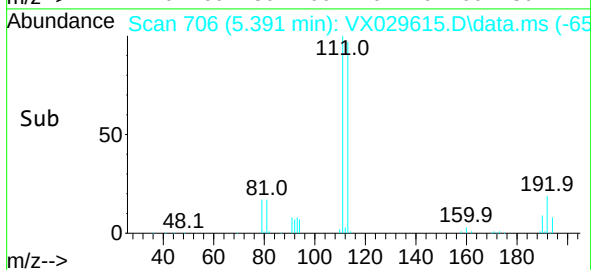
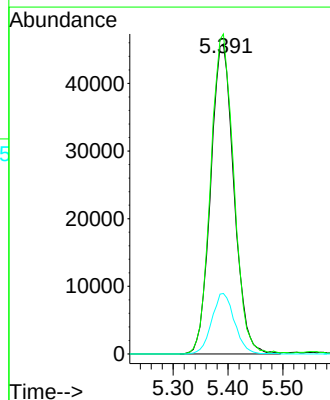
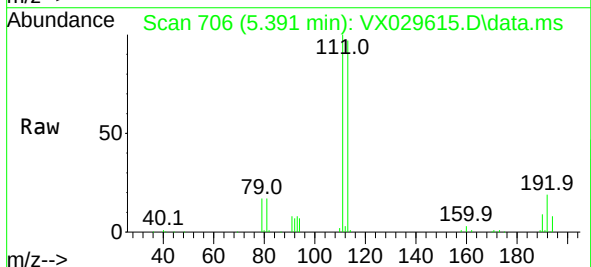
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ClientSampleId :
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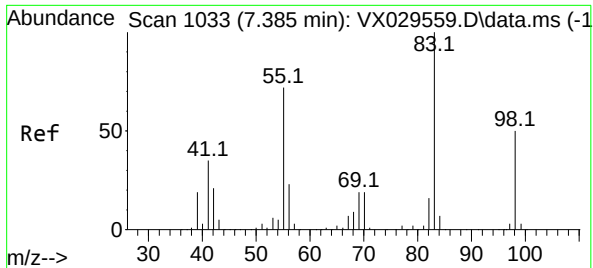
Tgt Ion:114 Resp: 456782
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.281 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion:113 Resp: 134792
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.1 16.9 25.3

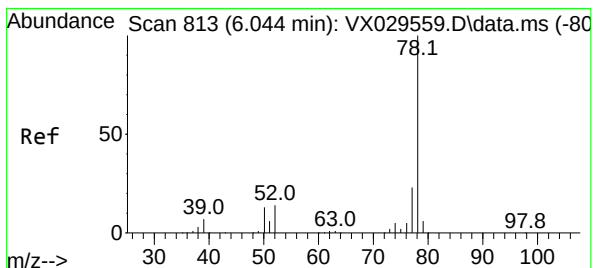
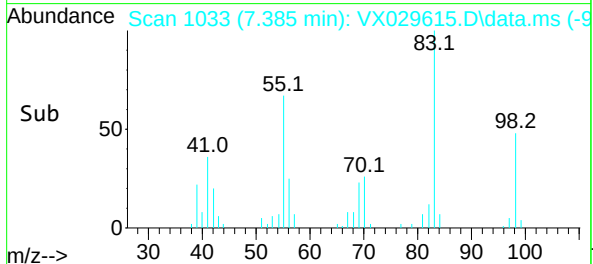
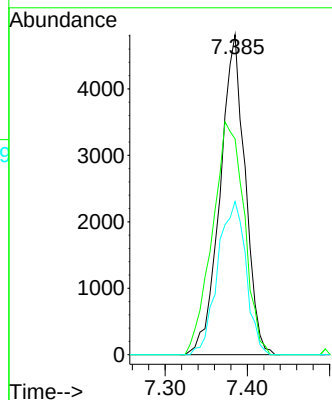
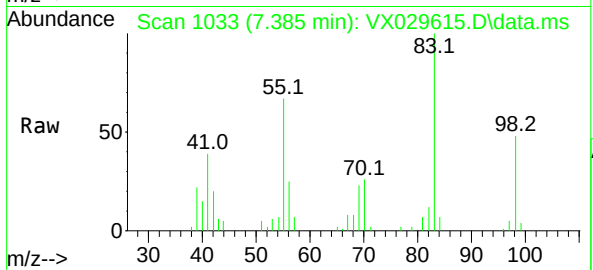




#39
Methylcyclohexane
Concen: 2.026 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

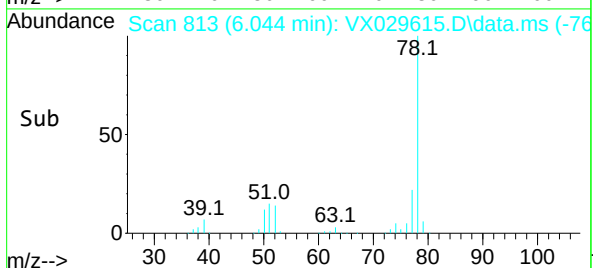
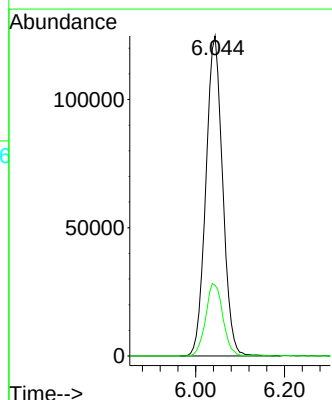
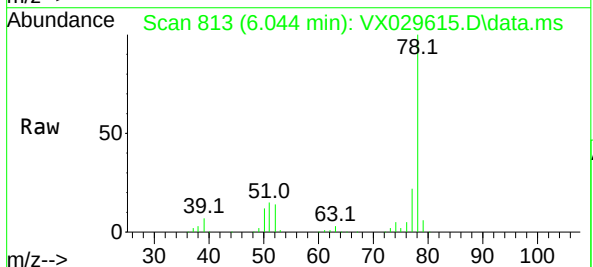
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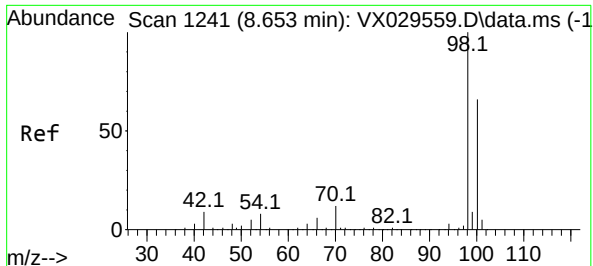
Tgt Ion: 83 Resp: 10175
Ion Ratio Lower Upper
83 100
55 67.5 54.6 81.8
98 47.8 37.4 56.2



#40
Benzene
Concen: 27.427 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 78 Resp: 327551
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9

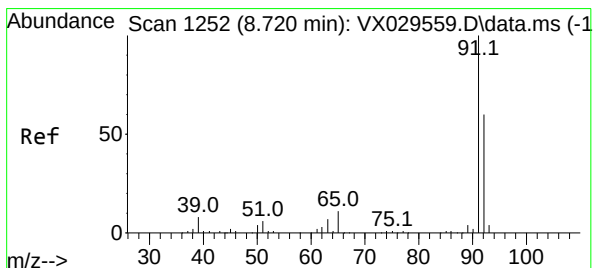
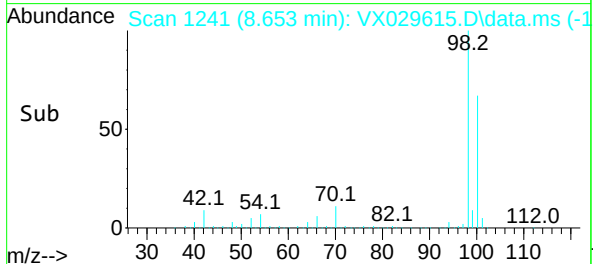
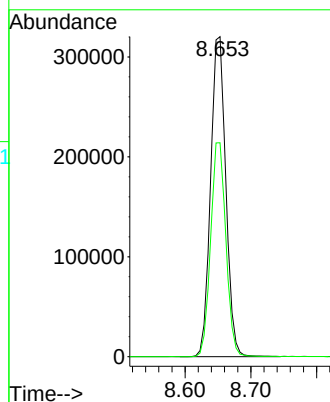
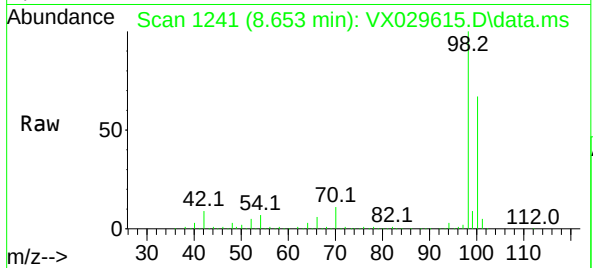




#50
Toluene-d8
Concen: 47.412 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

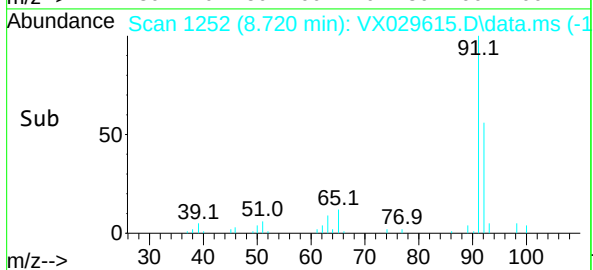
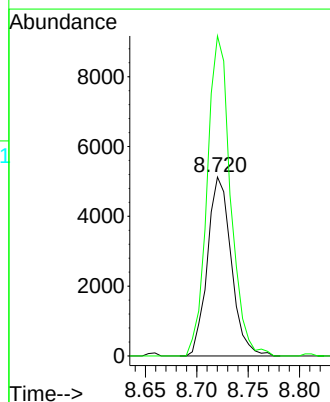
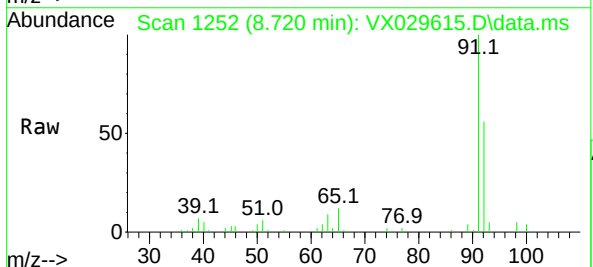
Instrument :
MSVOA_X
ClientSampleId :
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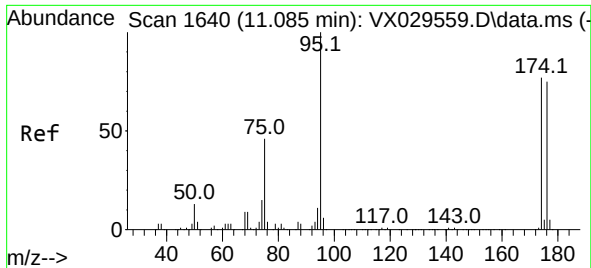
Tgt Ion: 98 Resp: 515596
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#52
Toluene
Concen: 1.083 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 92 Resp: 8285
Ion Ratio Lower Upper
92 100
91 175.5 137.5 206.3

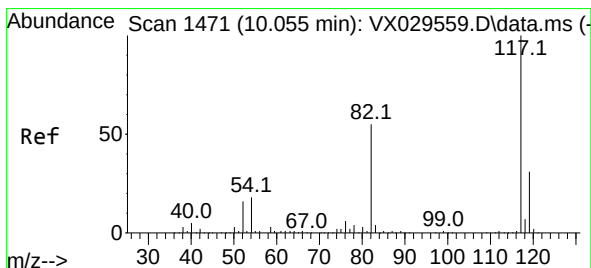
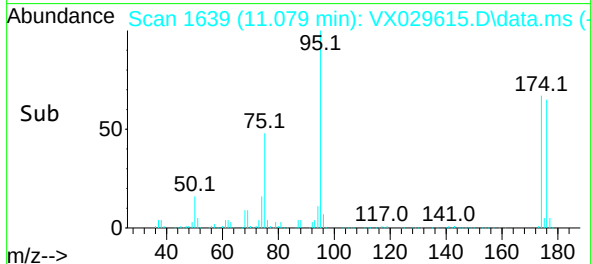
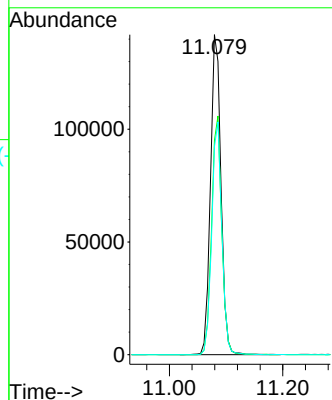
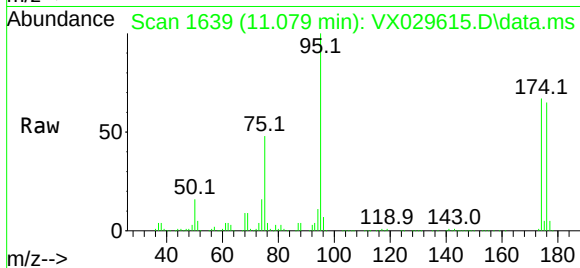




#62
4-Bromofluorobenzene
Concen: 44.480 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

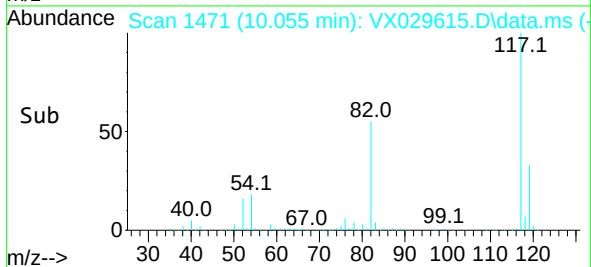
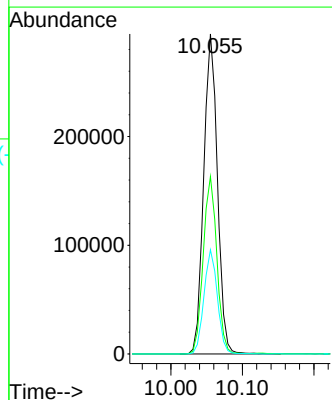
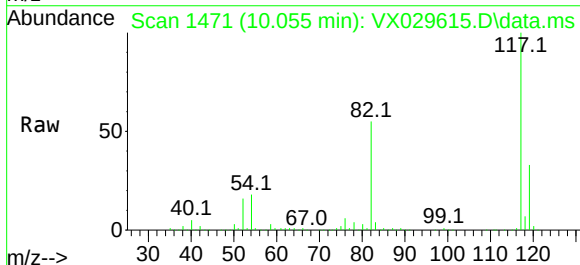
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

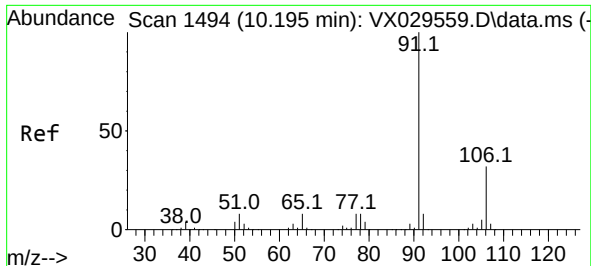
Tgt Ion: 95 Resp: 182412
Ion Ratio Lower Upper
95 100
174 72.1 0.0 163.0
176 70.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 117 Resp: 392554
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.5 24.8 37.2

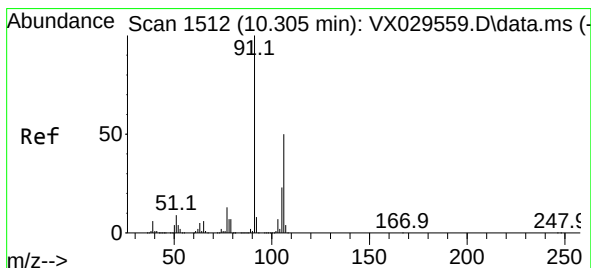
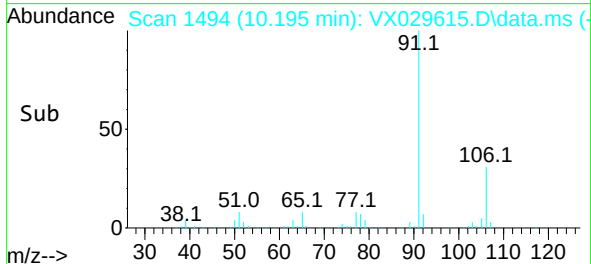
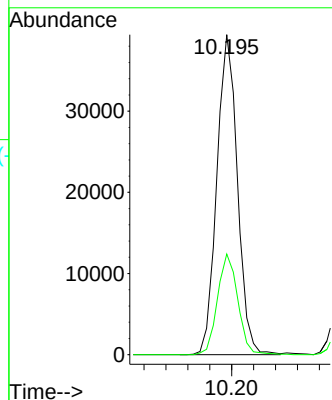
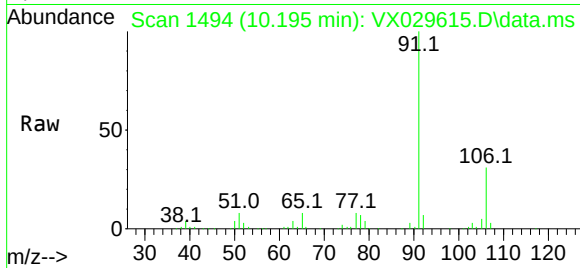




#67
Ethyl Benzene
Concen: 3.712 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

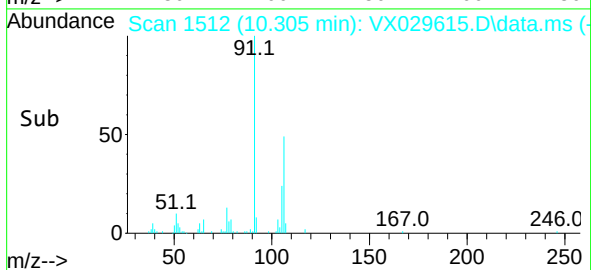
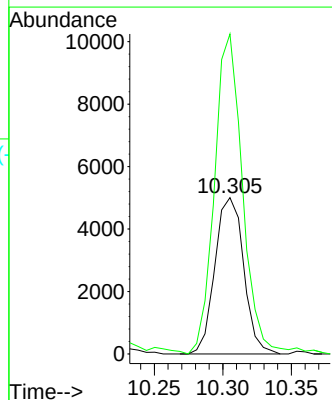
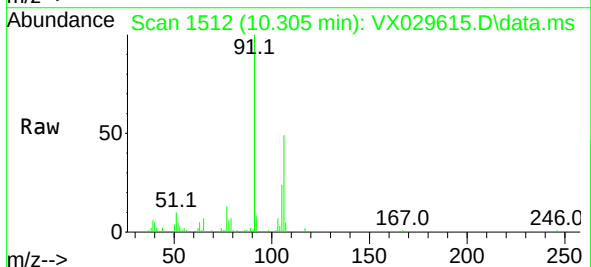
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

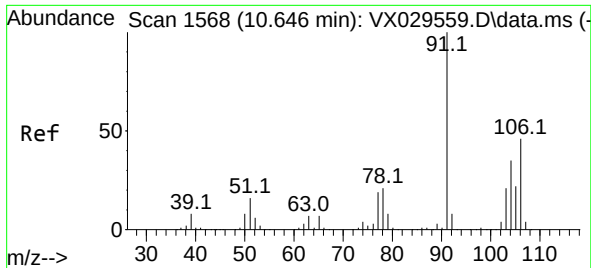
Tgt Ion: 91 Resp: 51431
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 1.353 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 106 Resp: 7313
Ion Ratio Lower Upper
106 100
91 200.8 160.4 240.6

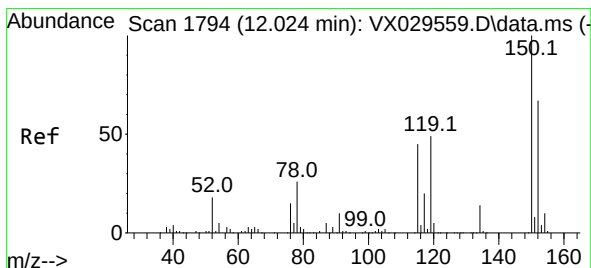
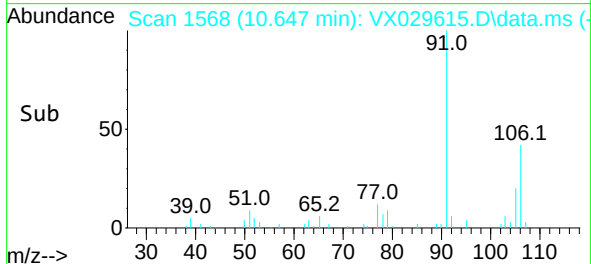
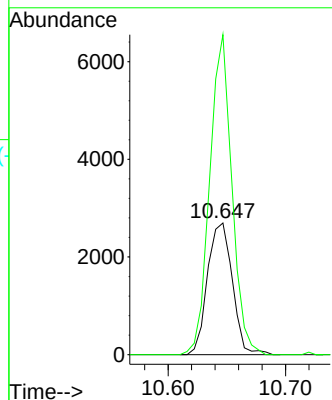
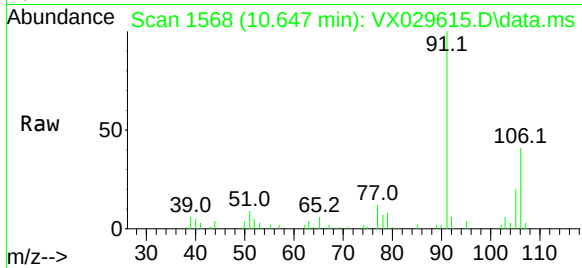




#69
o-Xylene
Concen: 0.744 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

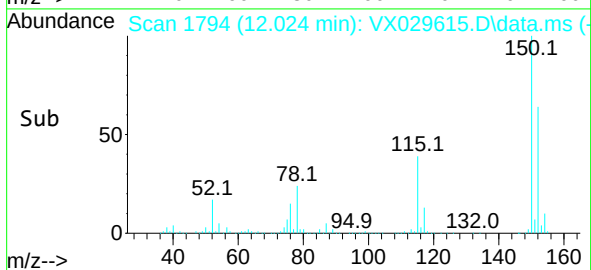
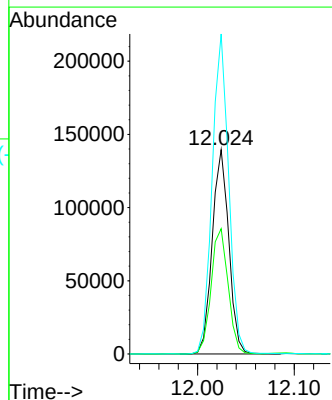
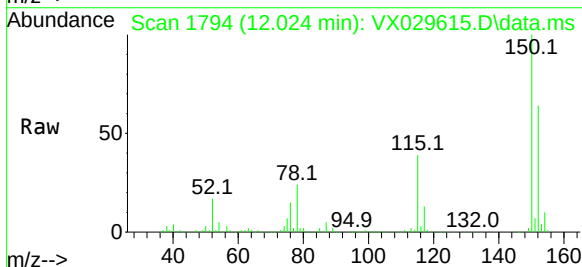
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

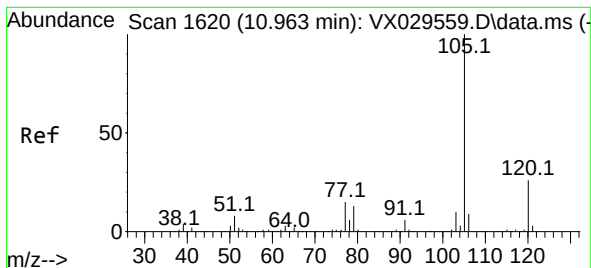
Tgt Ion:106 Resp: 3970
Ion Ratio Lower Upper
106 100
91 216.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion:152 Resp: 166486
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 155.5 0.0 338.2





#73

Isopropylbenzene

Concen: 7.650 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX029615.D

Acq: 20 Jun 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

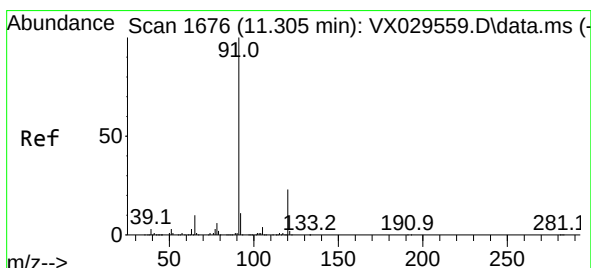
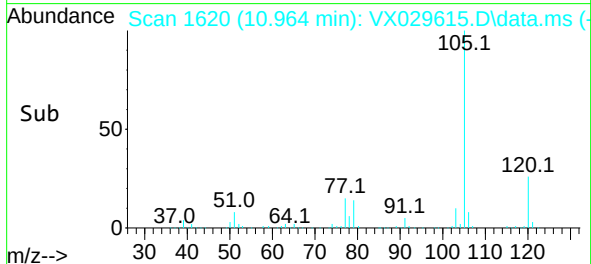
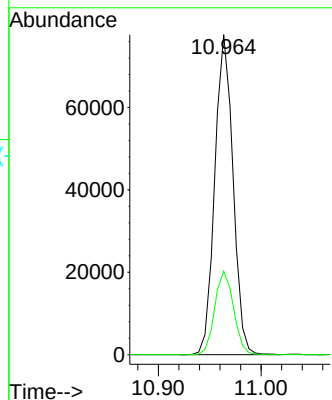
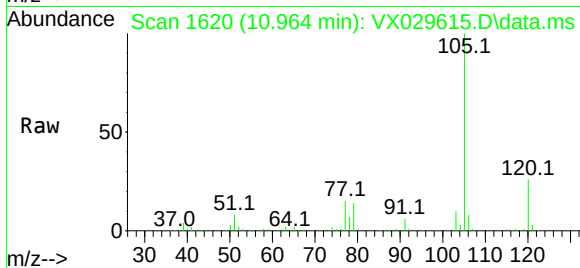
MW-3DL

Tgt Ion:105 Resp: 95490

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#78

n-propylbenzene

Concen: 7.042 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX029615.D

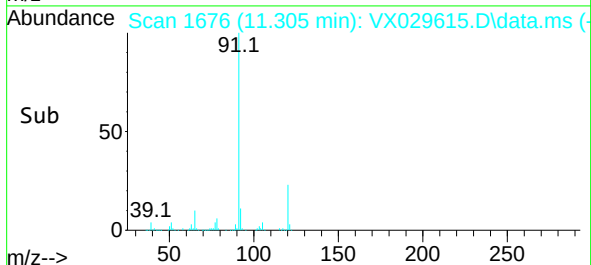
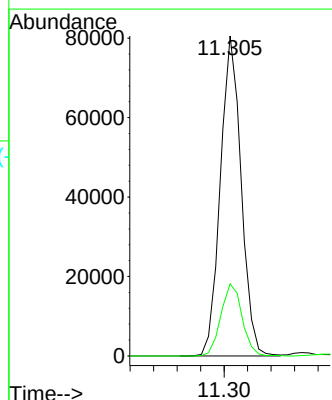
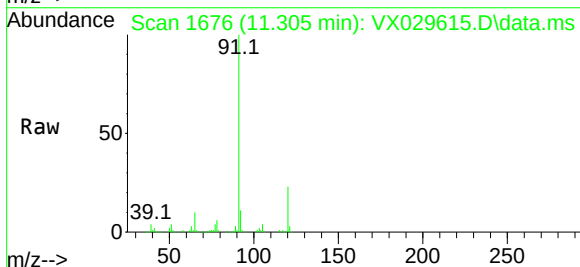
Acq: 20 Jun 2022 12:10

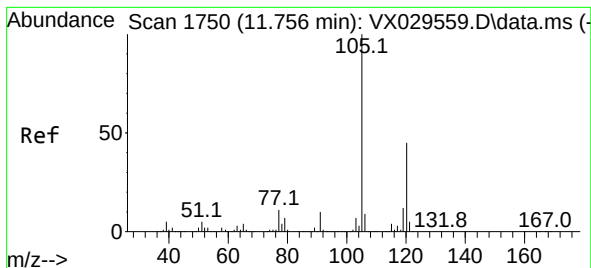
Tgt Ion: 91 Resp: 99003

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 3.522 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029615.D

Acq: 20 Jun 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

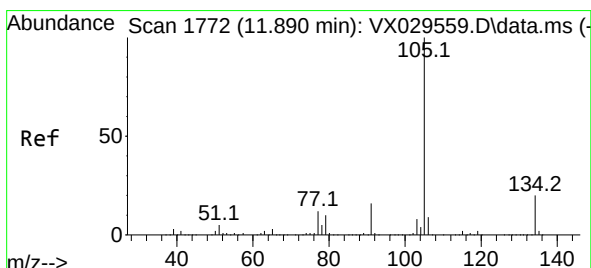
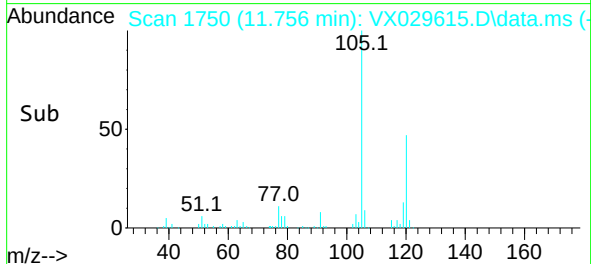
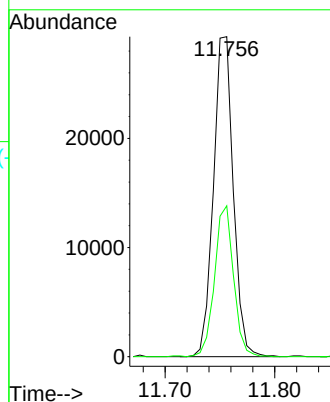
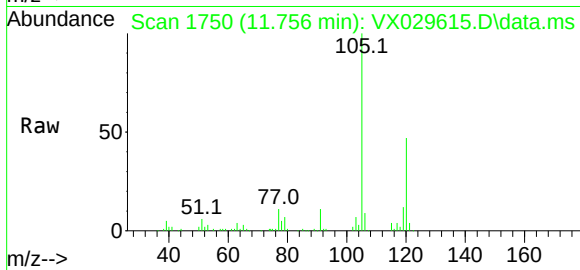
MW-3DL

Tgt Ion:105 Resp: 36926

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.490 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX029615.D

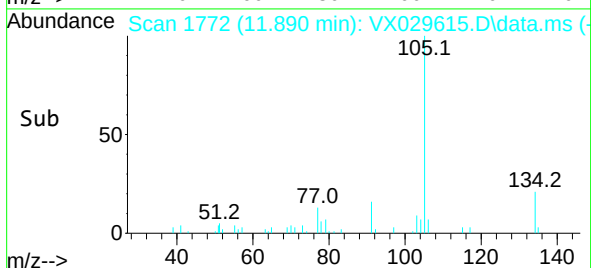
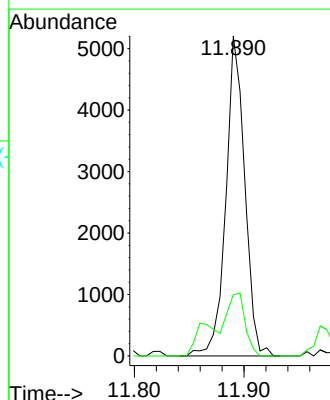
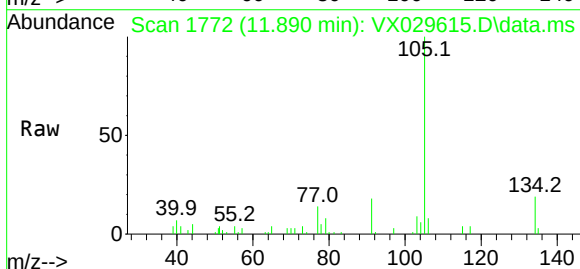
Acq: 20 Jun 2022 12:10

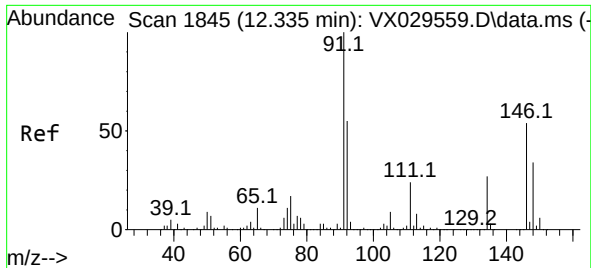
Tgt Ion:105 Resp: 6225

Ion Ratio Lower Upper

105 100

134 18.9 10.2 30.4

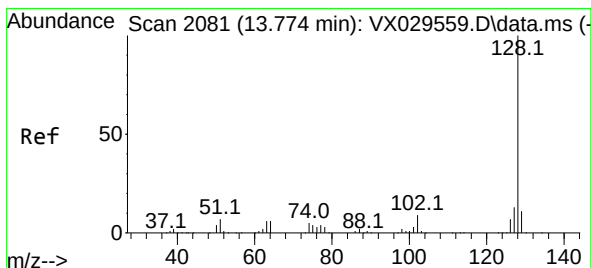
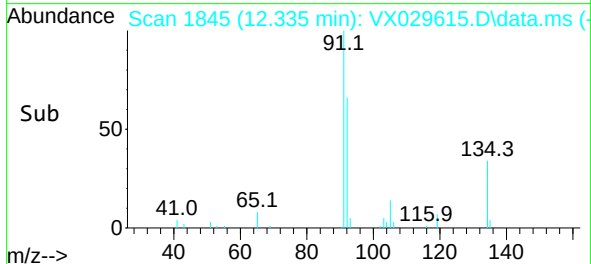
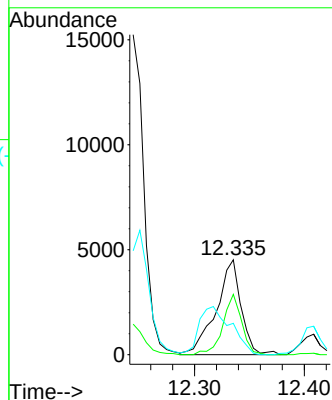
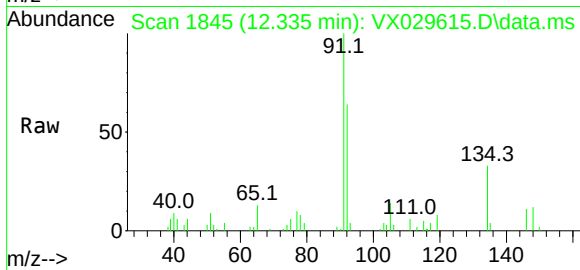




#89
n-Butylbenzene
Concen: 0.800 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 91	Resp:	7186
Ion Ratio	Lower	Upper
91	100	
92	47.8	27.8 83.3
134	64.6	13.3 39.8



#95
Naphthalene
Concen: 0.669 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX029615.D
Acq: 20 Jun 2022 12:10

Tgt Ion: 128	Resp:	7815
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.2 15.4
129	15.1	8.7 13.1

