

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028163.D
 Acq On : 19 Apr 2022 16:29
 Operator : JC/MD
 Sample : N2452-11ME
 Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-5-GRME

Quant Time: Apr 20 08:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

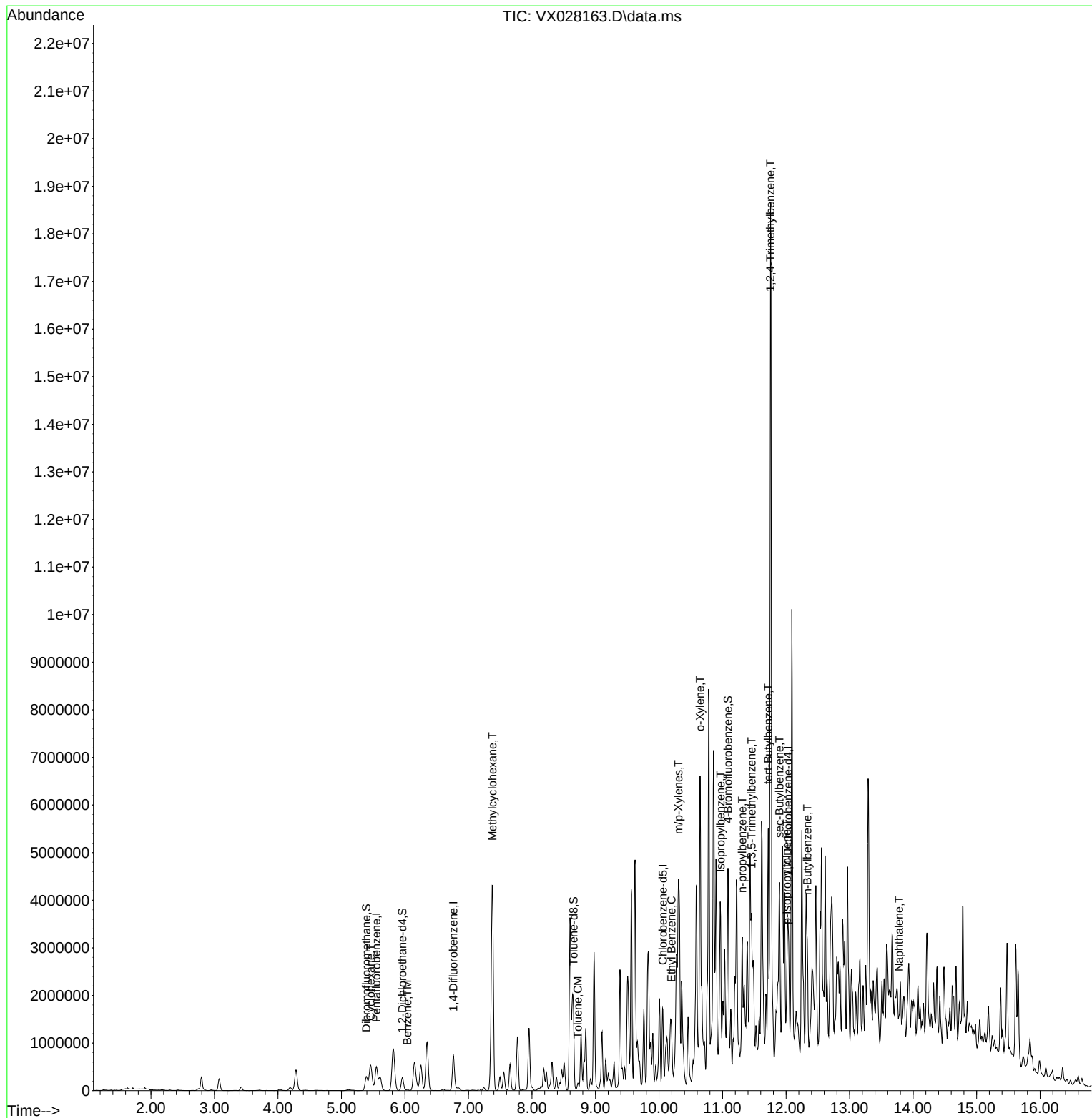
Internal Standards						
1) Pentafluorobenzene	5.550	168	517459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	825070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	814931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	466412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	270107	40.033	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.060%		
35) Dibromofluoromethane	5.391	113	259970	44.930	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.860%		
50) Toluene-d8	8.653	98	994412	44.746	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.500%		
62) 4-Bromofluorobenzene	11.085	95	455483	53.603	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.200%		
Target Compounds					Qvalue	
31) Cyclohexane	5.458	56	371461	45.189	ug/l	93
39) Methylcyclohexane	7.379	83	2123326	222.966	ug/l	96
40) Benzene	6.037	78	26169	1.184	ug/l	99
52) Toluene	8.720	92	52916	3.448	ug/l	94
67) Ethyl Benzene	10.195	91	384868	13.210	ug/l	96
68) m/p-Xylenes	10.305	106	725969	61.224	ug/l	95
69) o-Xylene	10.646	106	1461309	123.606	ug/l	90
73) Isopropylbenzene	10.969	105	1608878	50.186	ug/l	96
78) n-propylbenzene	11.311	91	1655558	46.572	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	967783	35.564	ug/l	94
83) tert-Butylbenzene	11.719	119	152938	5.504	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	7233311	267.398	ug/l	87
85) sec-Butylbenzene	11.896	105	801712	23.914	ug/l #	70
86) p-Isopropyltoluene	12.012	119	525023	18.153	ug/l	97
89) n-Butylbenzene	12.335	91	626010	26.360	ug/l #	75
95) Naphthalene	13.780	128	387562	12.551	ug/l #	82

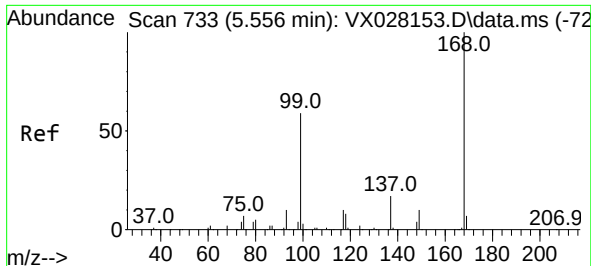
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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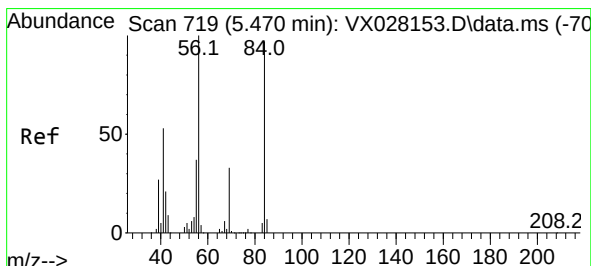
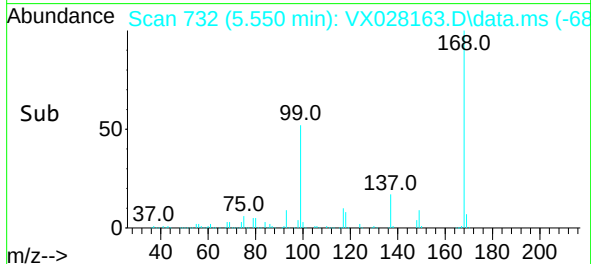
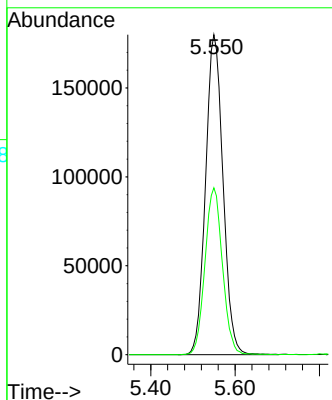
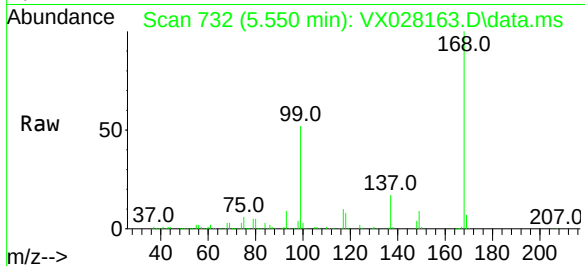




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

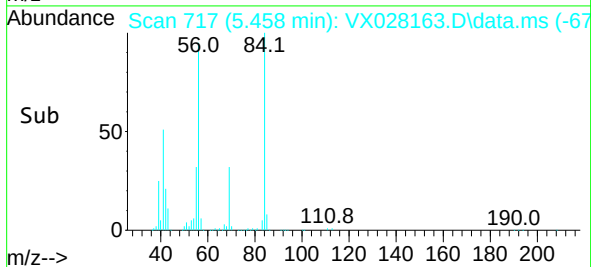
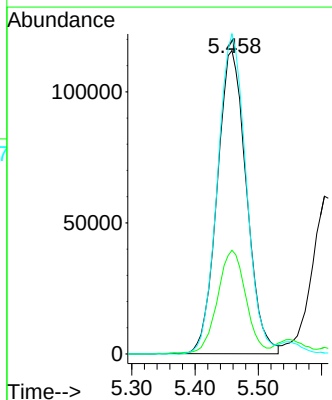
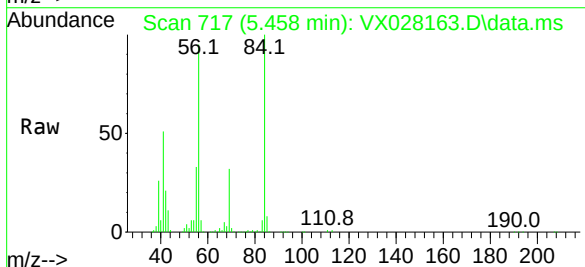
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRME

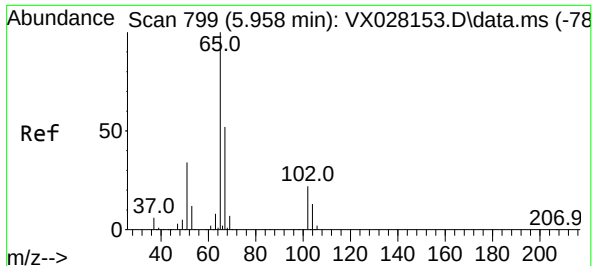
Tgt Ion:168 Resp: 517459
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#31
Cyclohexane
Concen: 45.189 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion: 56 Resp: 371461
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 105.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 40.033 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028163.D

Acq: 19 Apr 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

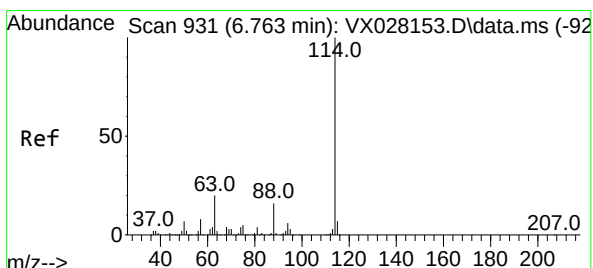
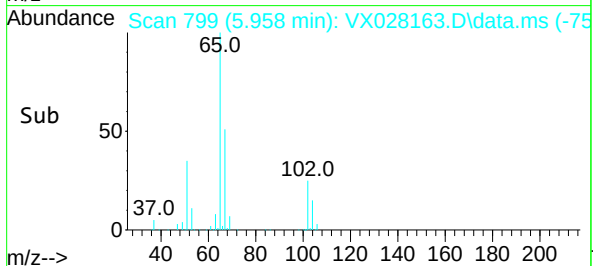
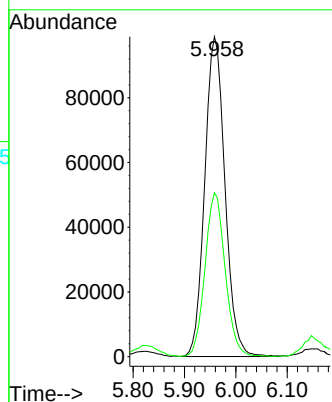
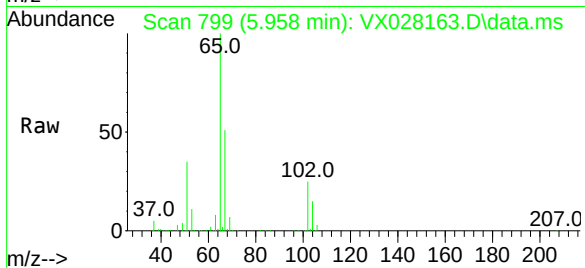
WC-15-1-5-GRME

Tgt Ion: 65 Resp: 270107

Ion Ratio Lower Upper

65 100

67 50.9 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: VX028163.D

Acq: 19 Apr 2022 16:29

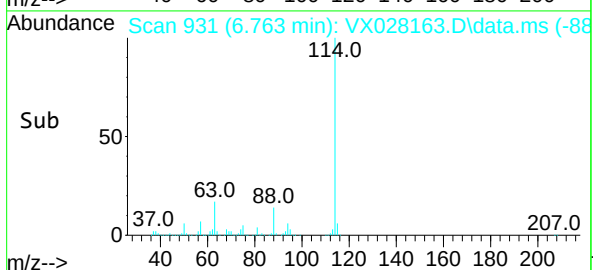
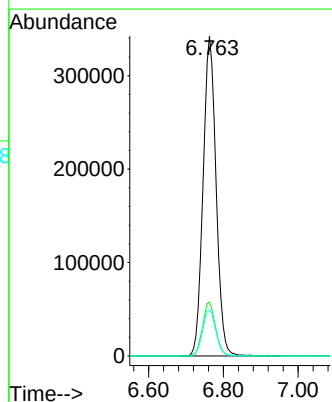
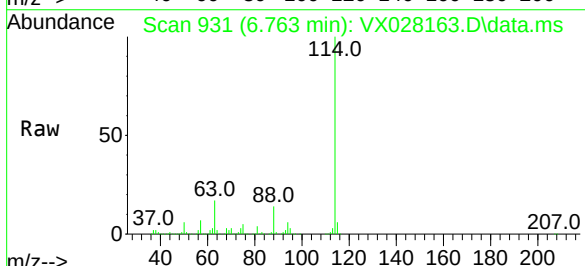
Tgt Ion: 114 Resp: 825070

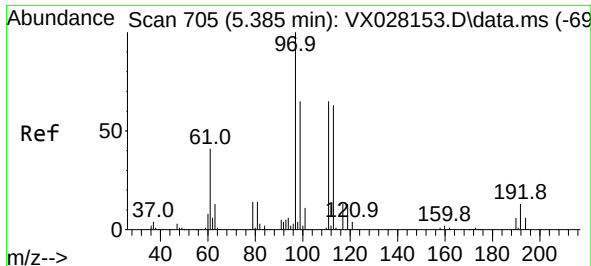
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.8

88 14.3 0.0 32.4

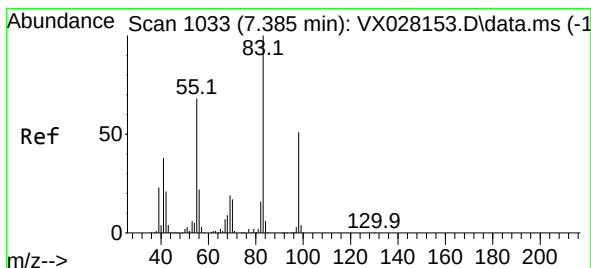
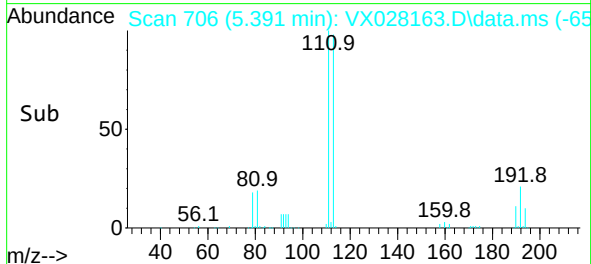
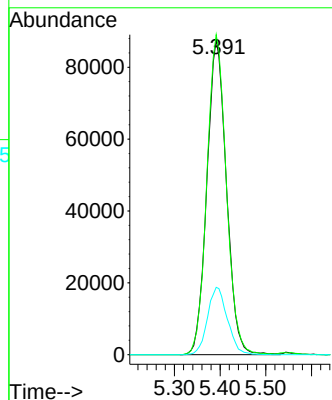
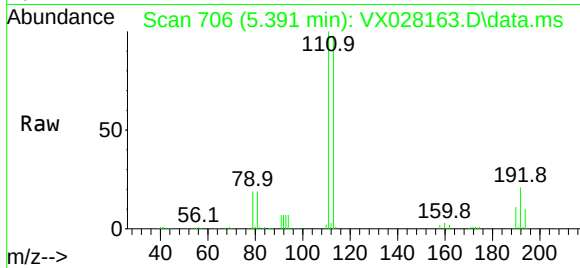




#35
Dibromofluoromethane
Concen: 44.930 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

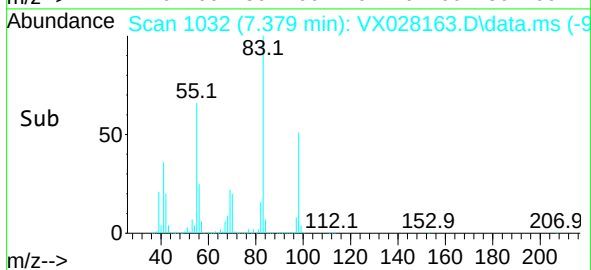
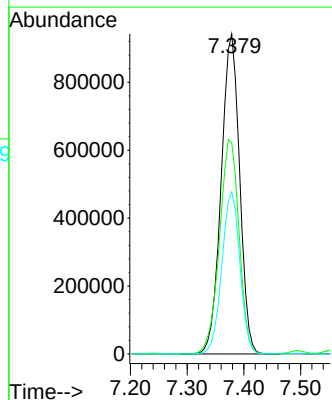
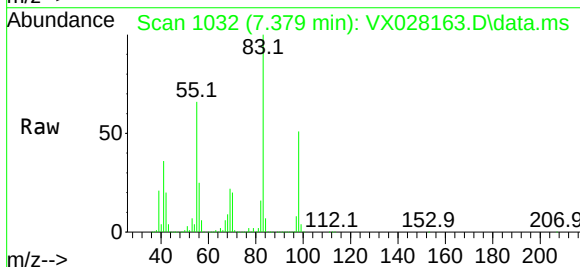
Instrument :
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WC-15-1-5-GRME

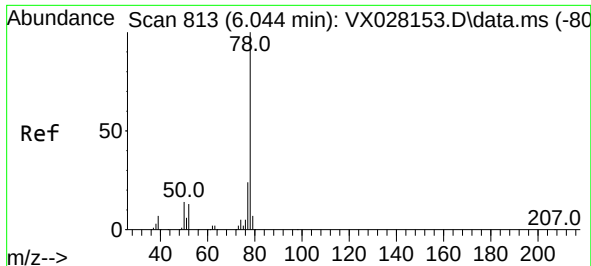
Tgt Ion:113 Resp: 259970
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 21.8 16.9 25.3



#39
Methylcyclohexane
Concen: 222.966 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion: 83 Resp: 2123326
Ion Ratio Lower Upper
83 100
55 66.0 54.6 81.8
98 50.6 37.4 56.2

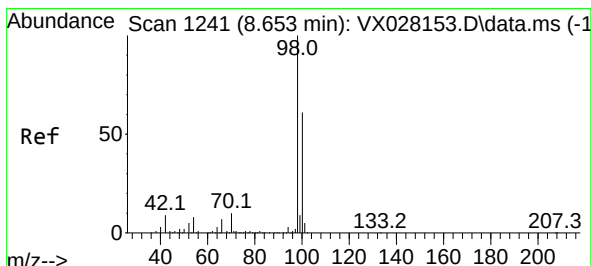
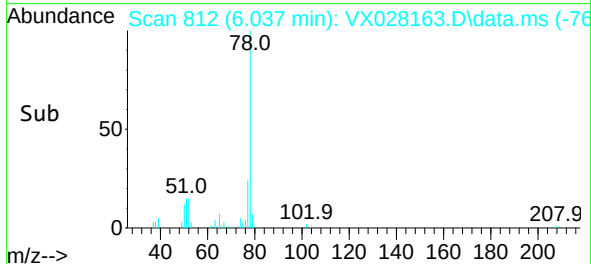
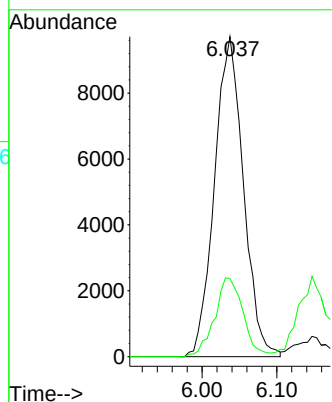
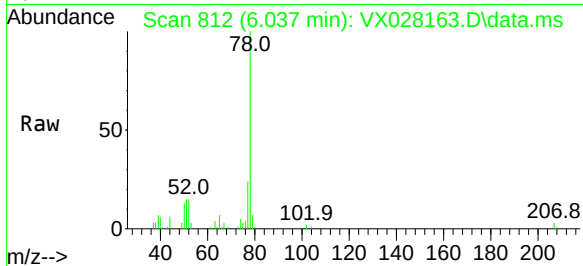




#40
Benzene
Concen: 1.184 ug/l
RT: 6.037 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

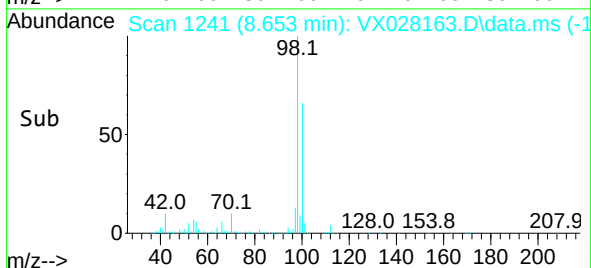
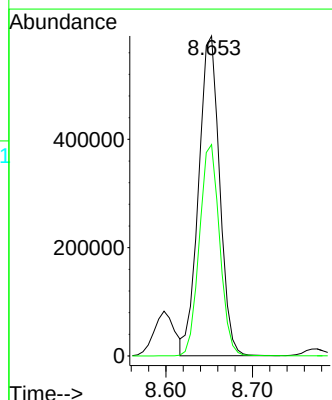
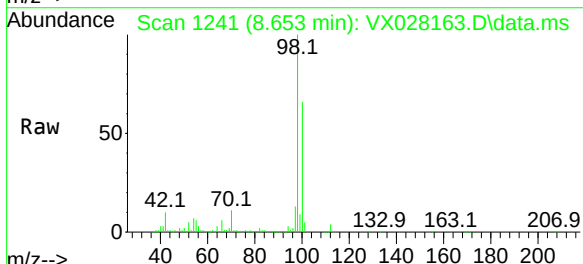
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRME

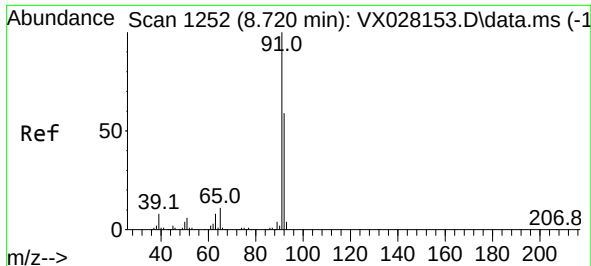
Tgt Ion: 78 Resp: 26169
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9



#50
Toluene-d8
Concen: 44.746 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion: 98 Resp: 994412
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

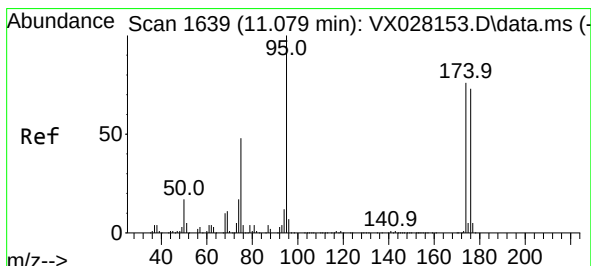
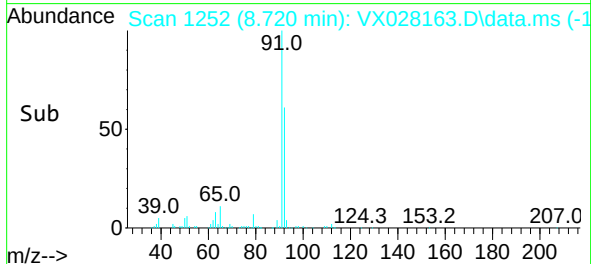
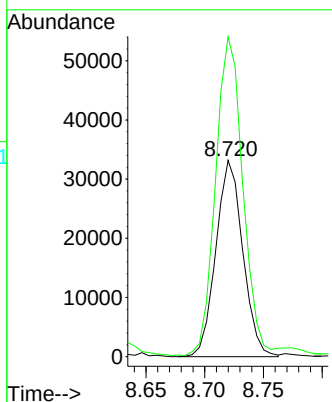
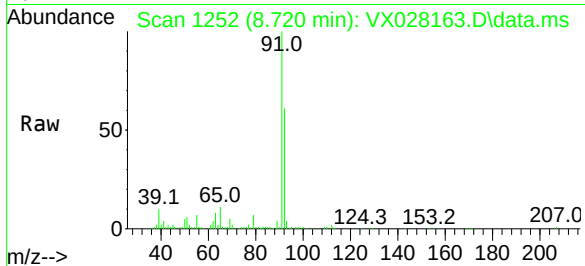




#52
Toluene
Concen: 3.448 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

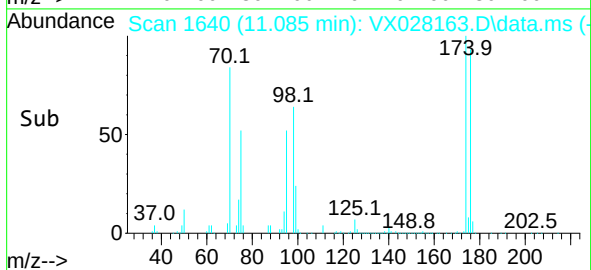
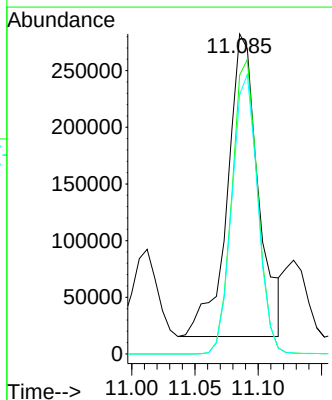
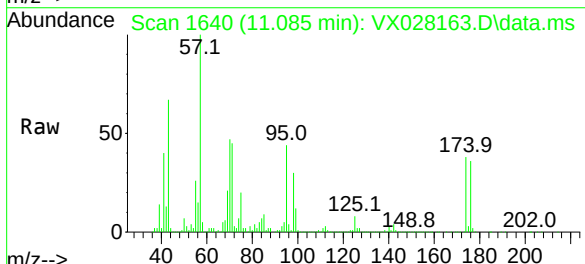
Instrument :
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ClientSampleId :
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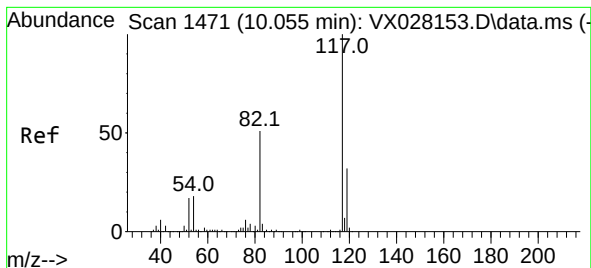
Tgt Ion: 92 Resp: 52916
Ion Ratio Lower Upper
92 100
91 163.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 53.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion: 95 Resp: 455483
Ion Ratio Lower Upper
95 100
174 80.7 0.0 163.0
176 76.9 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.061 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX028163.D

Acq: 19 Apr 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-5-GRME

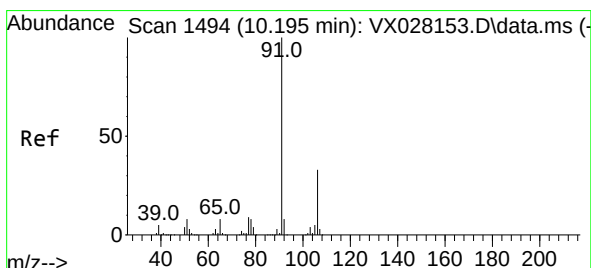
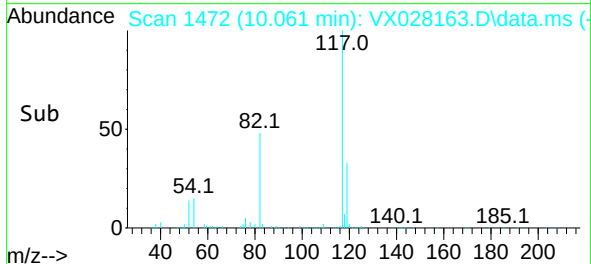
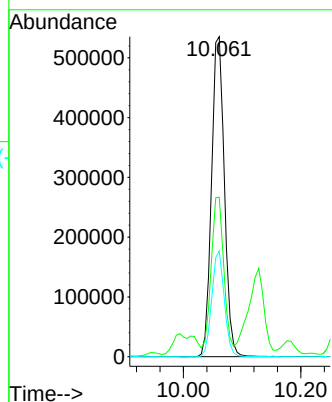
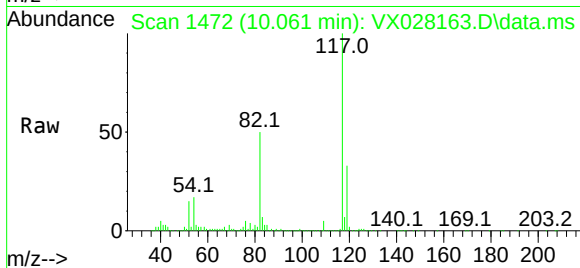
Tgt Ion:117 Resp: 814931

Ion Ratio Lower Upper

117 100

82 47.1 41.8 62.8

119 33.0 24.8 37.2



#67

Ethyl Benzene

Concen: 13.210 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028163.D

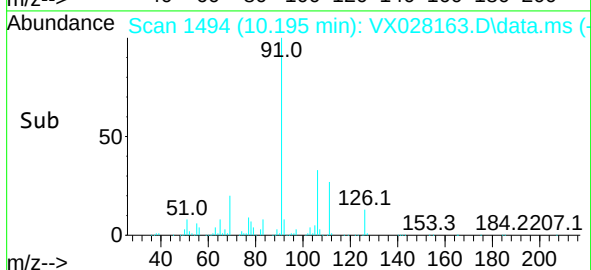
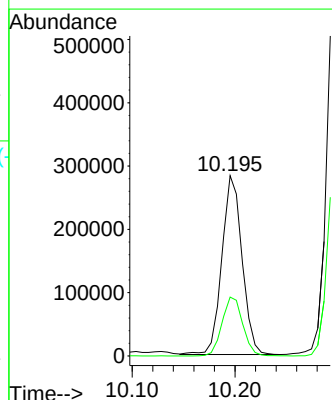
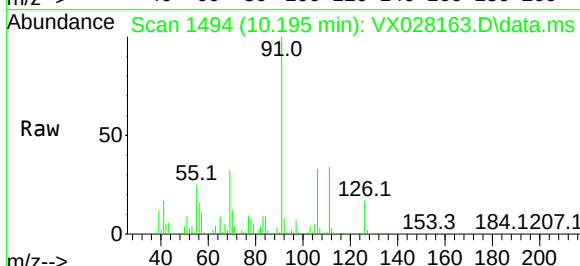
Acq: 19 Apr 2022 16:29

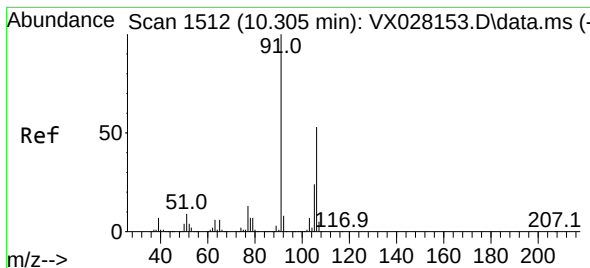
Tgt Ion: 91 Resp: 384868

Ion Ratio Lower Upper

91 100

106 32.9 24.6 36.8

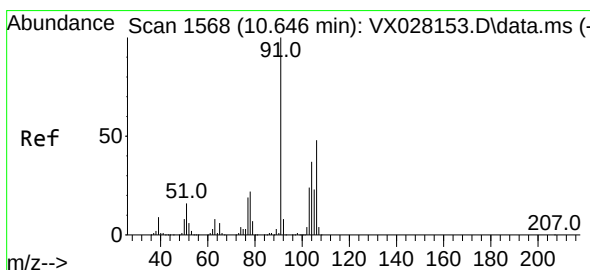
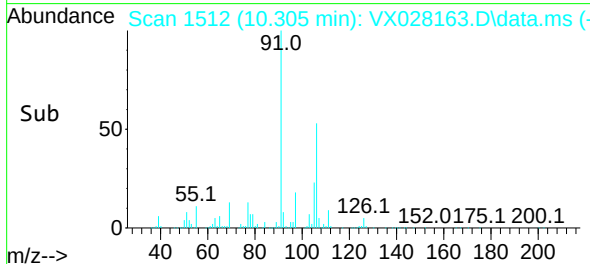
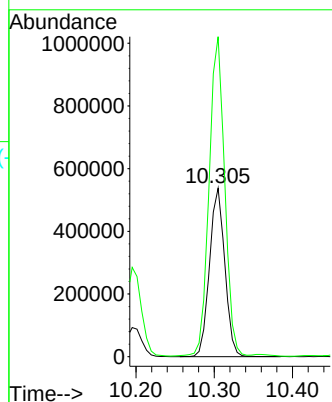
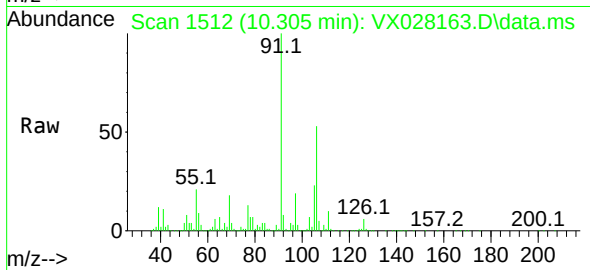




#68
m/p-Xylenes
Concen: 61.224 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

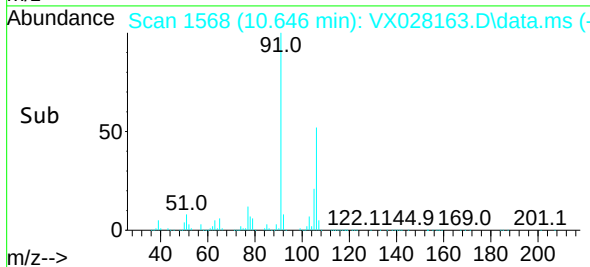
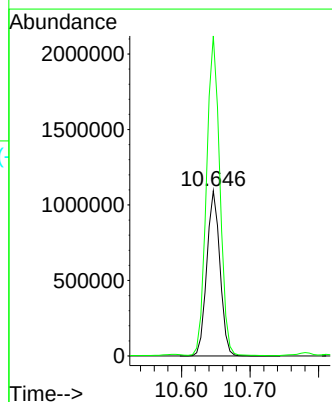
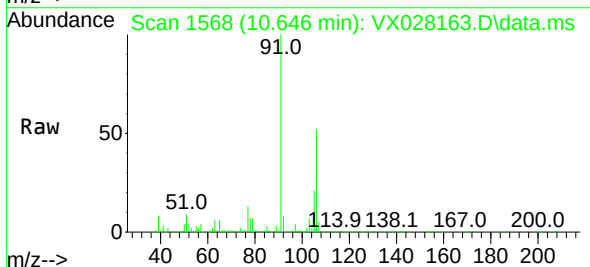
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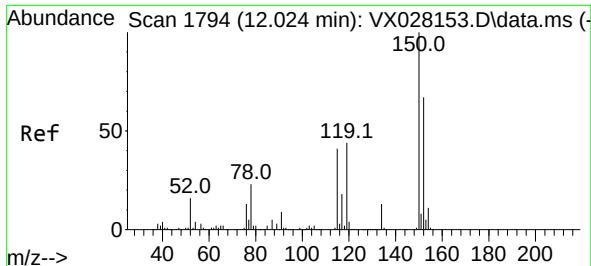
Tgt Ion:106 Resp: 725969
Ion Ratio Lower Upper
106 100
91 193.0 160.4 240.6



#69
o-Xylene
Concen: 123.606 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion:106 Resp: 1461309
Ion Ratio Lower Upper
106 100
91 196.6 106.1 318.1

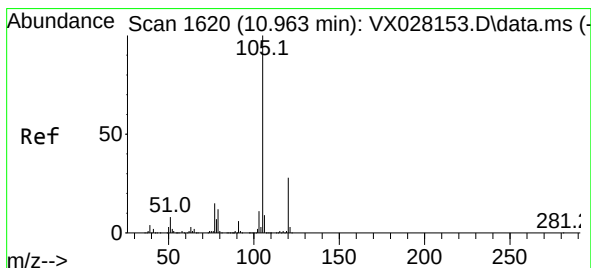
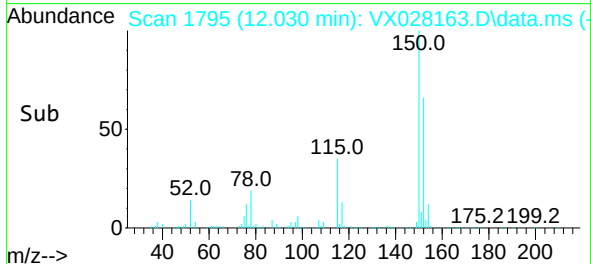
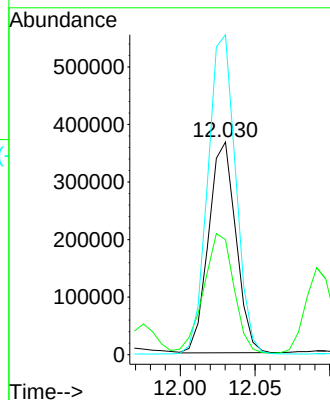
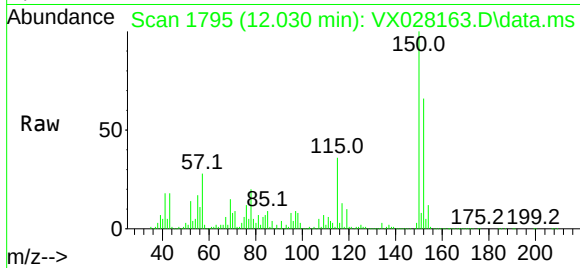




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

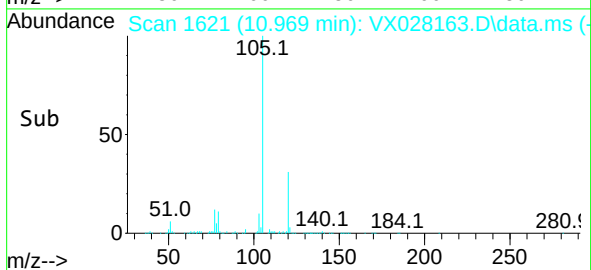
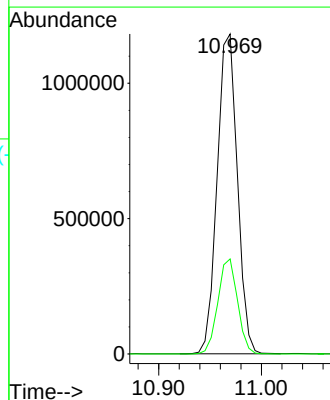
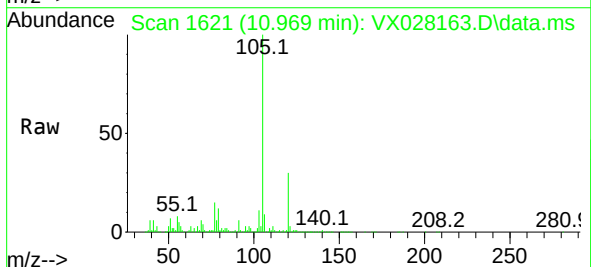
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRME

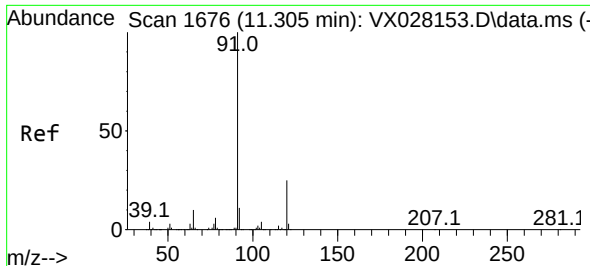
Tgt Ion:152 Resp: 466412
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 154.6 0.0 338.2



#73
Isopropylbenzene
Concen: 50.186 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion:105 Resp: 1608878
Ion Ratio Lower Upper
105 100
120 28.9 13.5 40.5

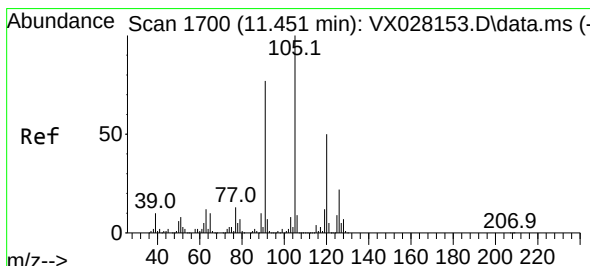
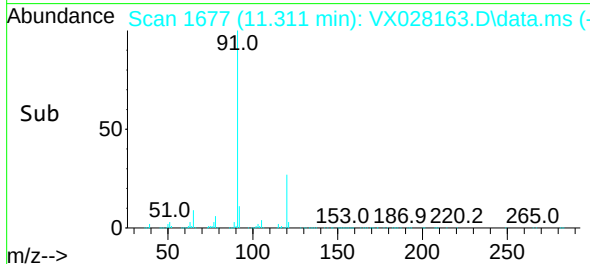
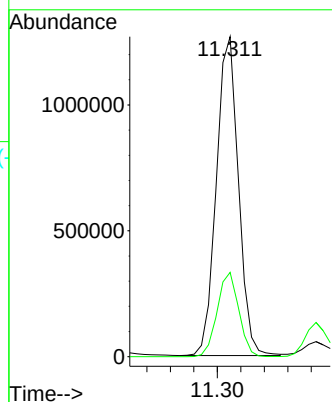
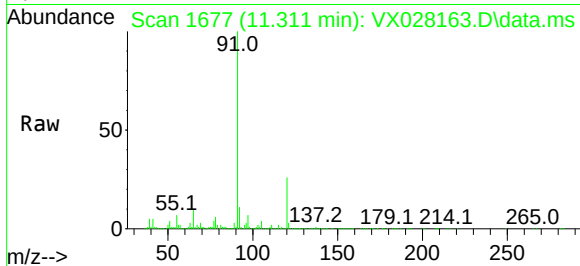




#78
n-propylbenzene
Concen: 46.572 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

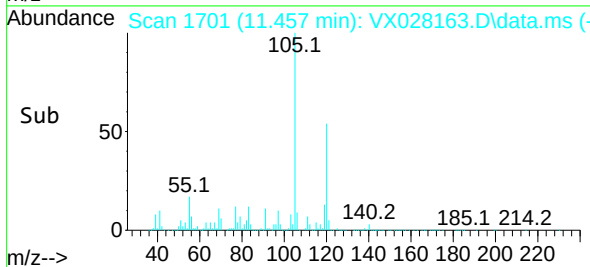
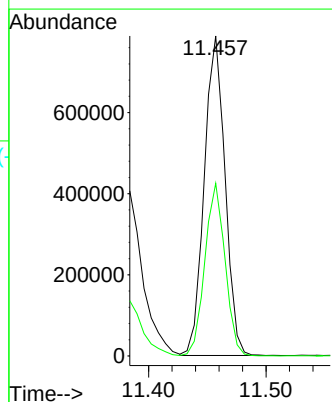
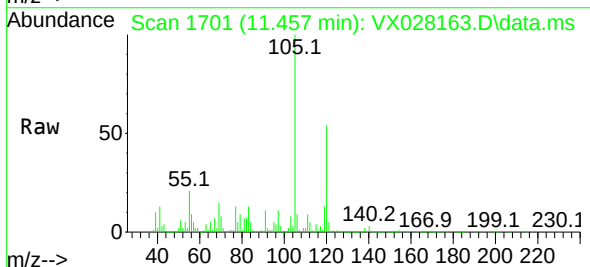
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRME

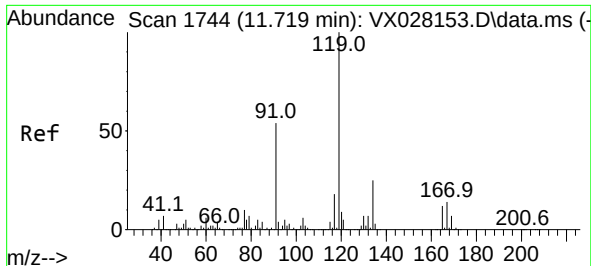
Tgt Ion: 91 Resp: 1655558
Ion Ratio Lower Upper
91 100
120 25.8 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 35.564 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion: 105 Resp: 967783
Ion Ratio Lower Upper
105 100
120 52.4 24.3 72.9

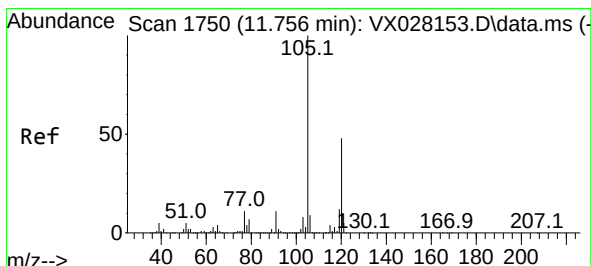
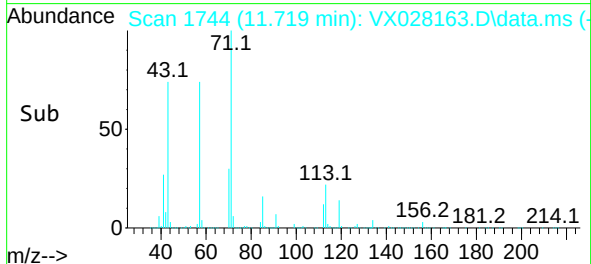
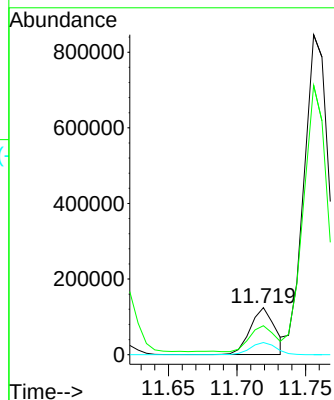
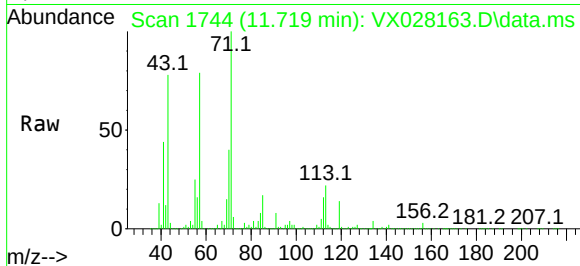




#83
tert-Butylbenzene
Concen: 5.504 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

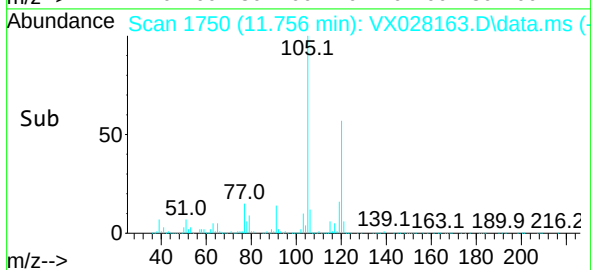
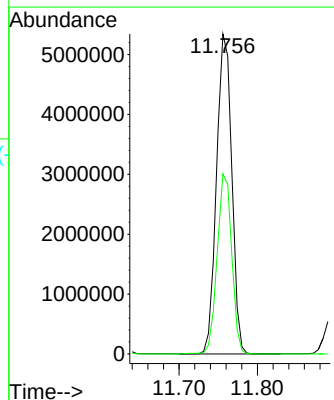
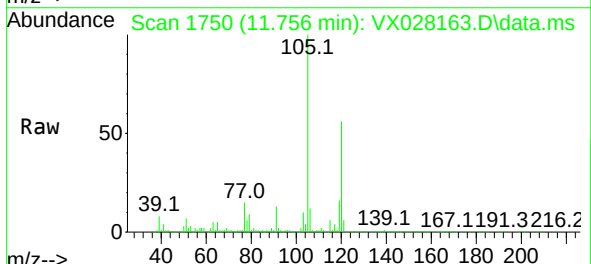
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRME

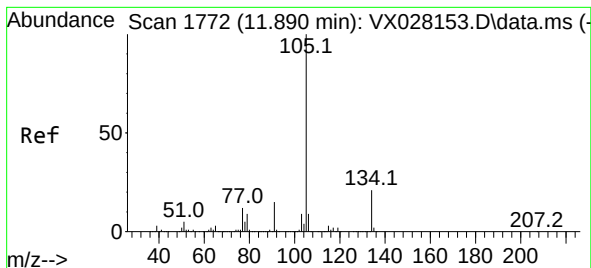
Tgt Ion:119 Resp: 152938
Ion Ratio Lower Upper
119 100
91 56.7 26.9 80.6
134 27.2 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 267.398 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion:105 Resp: 7233311
Ion Ratio Lower Upper
105 100
120 53.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 23.914 ug/l

RT: 11.896 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028163.D

Acq: 19 Apr 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

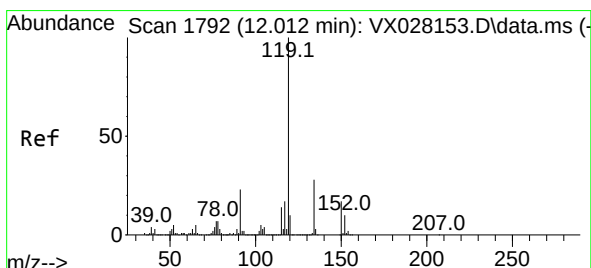
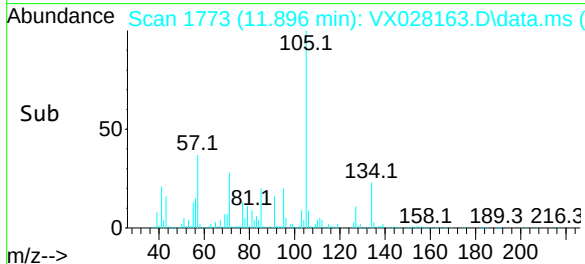
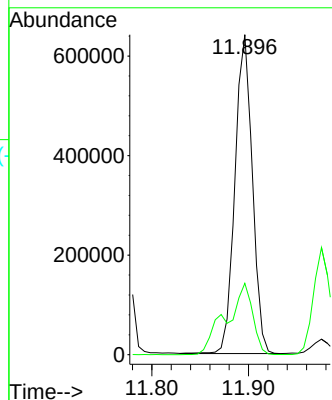
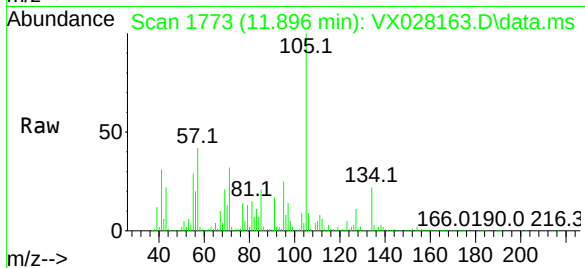
WC-15-1-5-GRME

Tgt Ion:105 Resp: 801712

Ion Ratio Lower Upper

105 100

134 34.2 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 18.153 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX028163.D

Acq: 19 Apr 2022 16:29

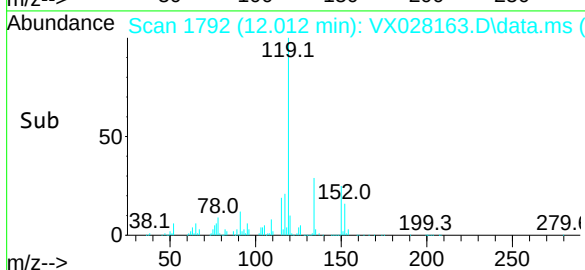
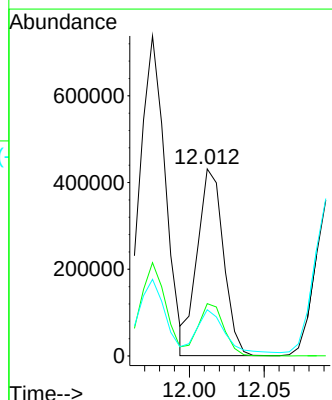
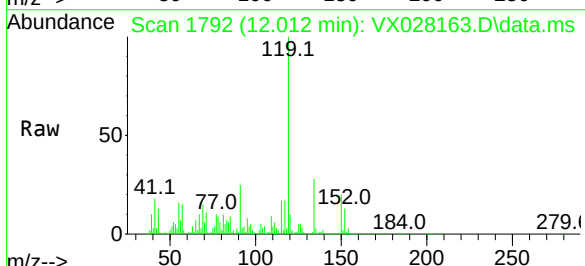
Tgt Ion:119 Resp: 525023

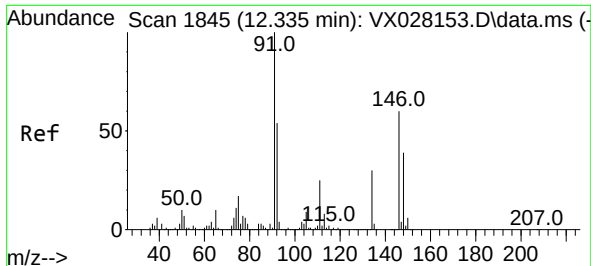
Ion Ratio Lower Upper

119 100

134 28.1 13.0 39.0

91 23.4 11.3 33.9

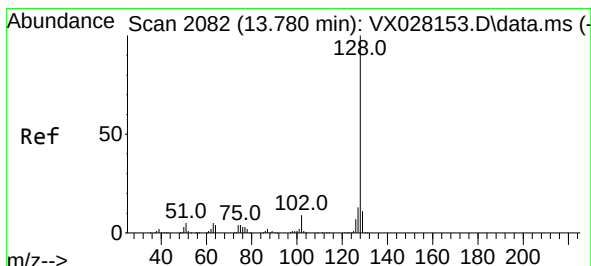
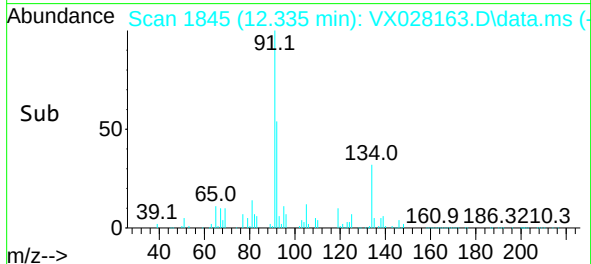
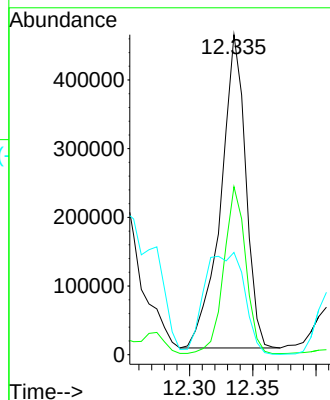
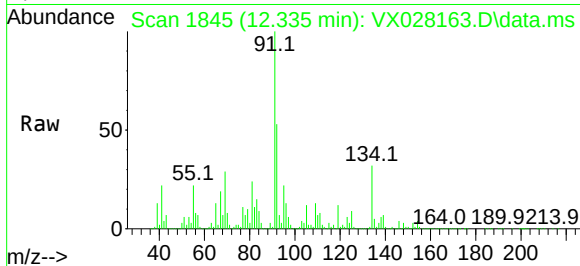




#89
n-Butylbenzene
Concen: 26.360 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-5-GRME

Tgt Ion: 91 Resp: 626010
Ion Ratio Lower Upper
91 100
92 46.6 27.8 83.3
134 52.3 13.3 39.8#



#95
Naphthalene
Concen: 12.551 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028163.D
Acq: 19 Apr 2022 16:29

Tgt Ion:128 Resp: 387562
Ion Ratio Lower Upper
128 100
127 16.1 10.2 15.4#
129 22.0 8.7 13.1#

