

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029515.D
 Acq On : 15 Jun 2022 19:05
 Operator : JC/MD
 Sample : N3293-06ME
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40804ME

Quant Time: Jun 16 04:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

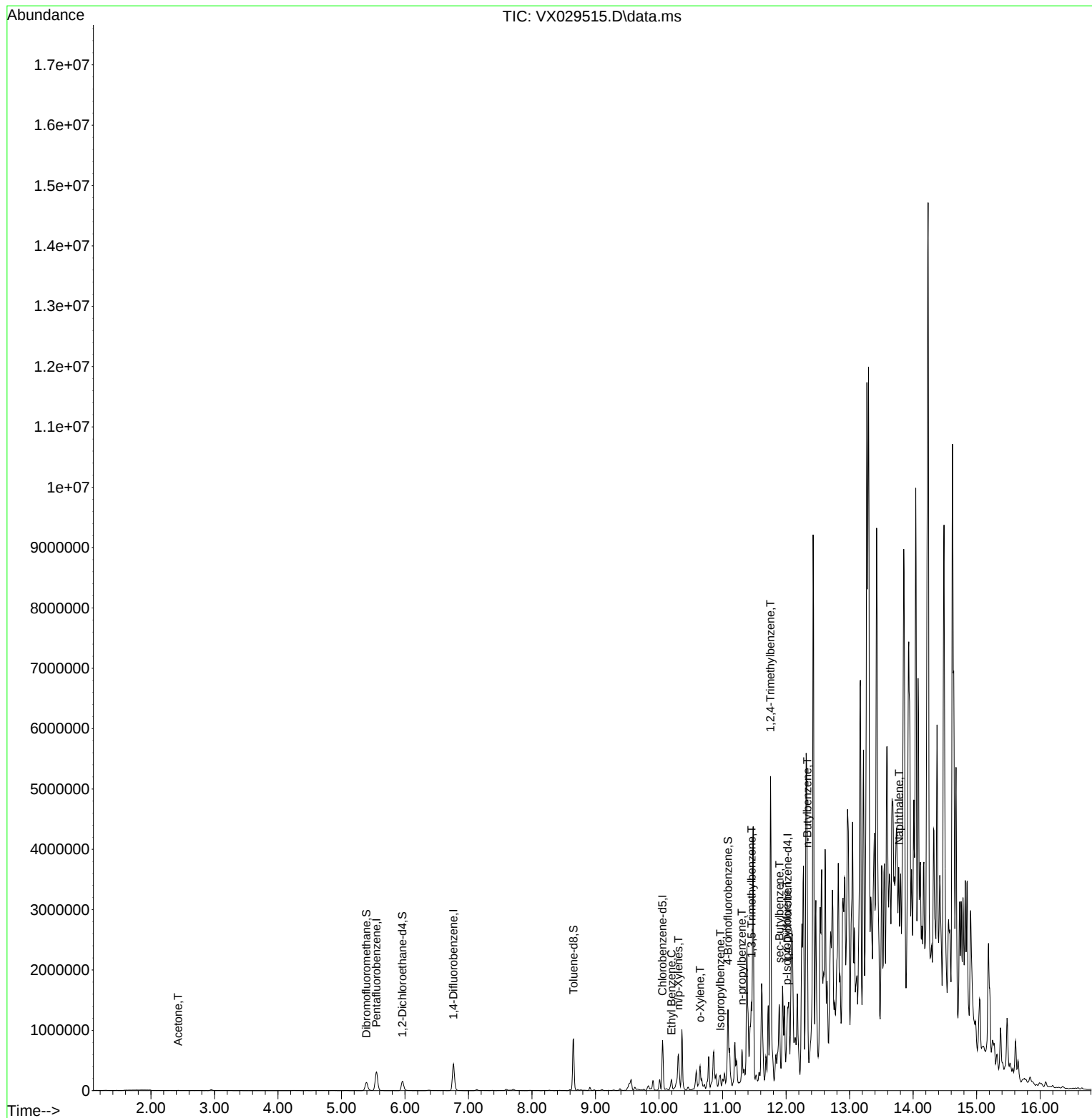
Internal Standards						
1) Pentafluorobenzene	5.550	168	300052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159059	34.273	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	68.540%		
35) Dibromofluoromethane	5.391	113	129829	31.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	63.060%#		
50) Toluene-d8	8.653	98	542819	37.272	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	74.540%		
62) 4-Bromofluorobenzene	11.085	95	192501	33.776	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	67.560%		
Target Compounds						
					Qvalue	
16) Acetone	2.428	43	7949	3.275	ug/l #	76
67) Ethyl Benzene	10.195	91	81073	4.189	ug/l	99
68) m/p-Xylenes	10.305	106	133708	17.855	ug/l	98
69) o-Xylene	10.646	106	85151	11.701	ug/l	97
73) Isopropylbenzene	10.964	105	74689	5.248	ug/l	98
78) n-propylbenzene	11.305	91	378365	23.430	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	494509	40.922	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2075721	174.029	ug/l	99
85) sec-Butylbenzene	11.896	105	293864	20.410	ug/l	87
86) p-Isopropyltoluene	12.012	119	198615	16.455	ug/l	98
89) n-Butylbenzene	12.335	91	934776	91.856	ug/l #	53
95) Naphthalene	13.780	128	617566	46.883	ug/l #	87

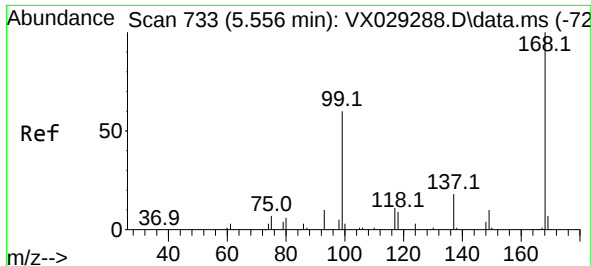
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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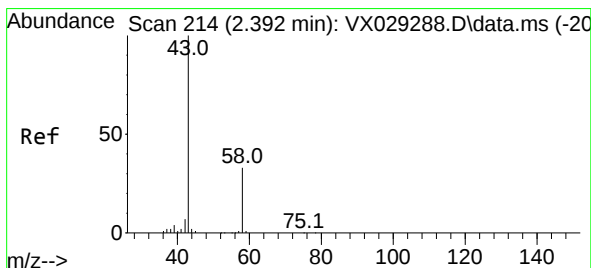
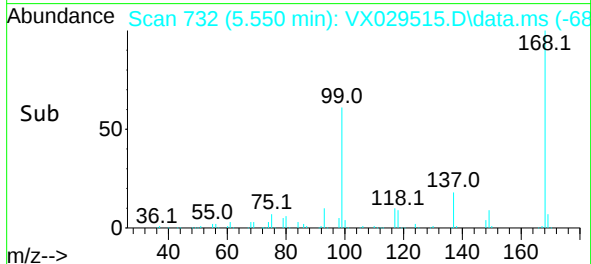
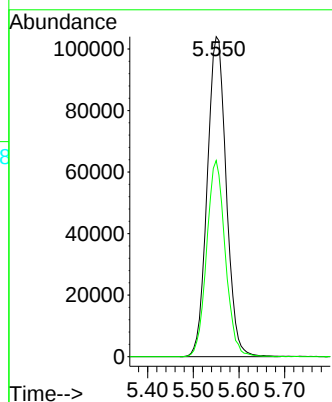
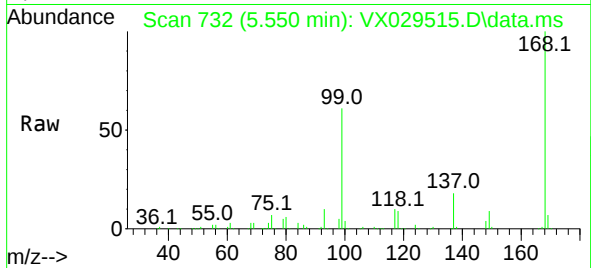




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

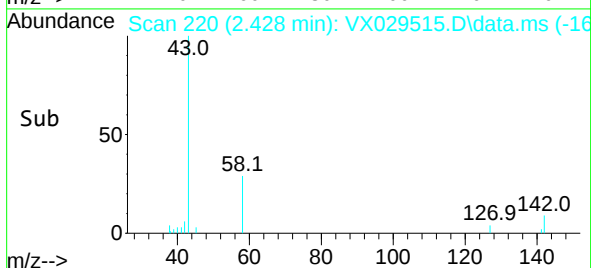
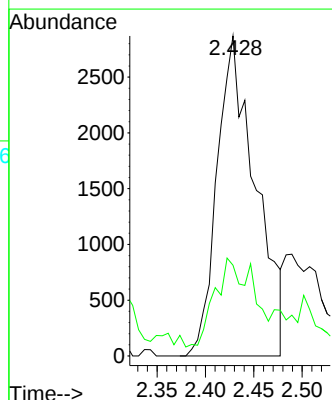
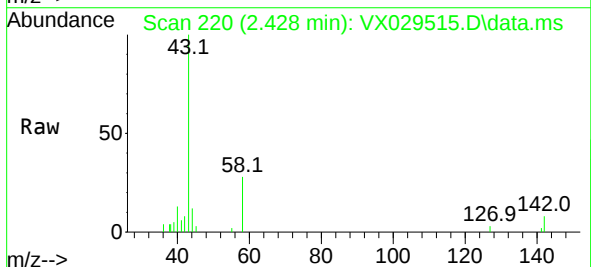
Instrument :
MSVOA_X
ClientSampleId :
40804ME

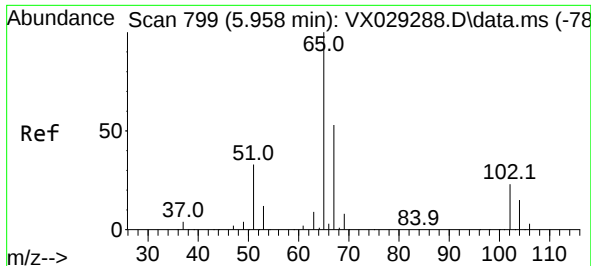
Tgt Ion:168 Resp: 300052
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#16
Acetone
Concen: 3.275 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.037 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

Tgt Ion: 43 Resp: 7949
Ion Ratio Lower Upper
43 100
58 21.9 28.8 43.2#





#33

1,2-Dichloroethane-d4

Concen: 34.273 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029515.D

Acq: 15 Jun 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

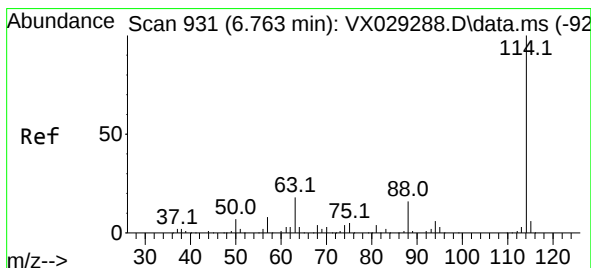
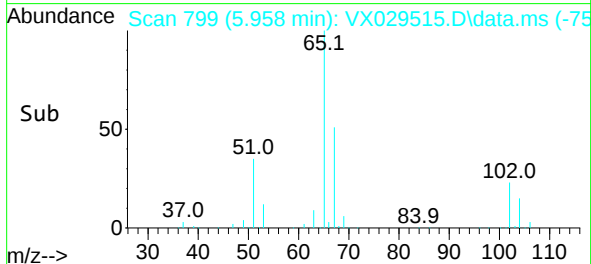
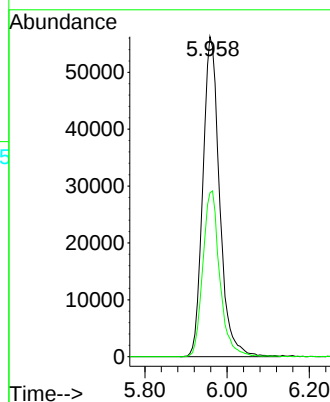
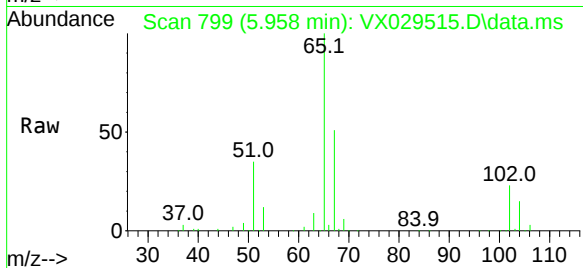
40804ME

Tgt Ion: 65 Resp: 159059

Ion Ratio Lower Upper

65 100

67 52.2 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: VX029515.D

Acq: 15 Jun 2022 19:05

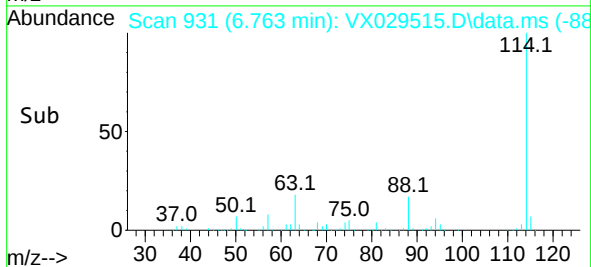
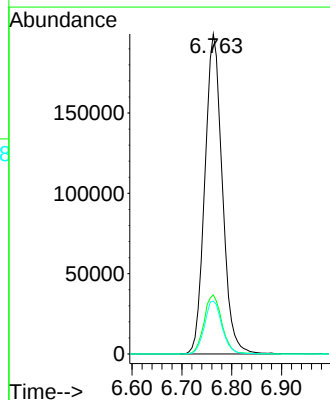
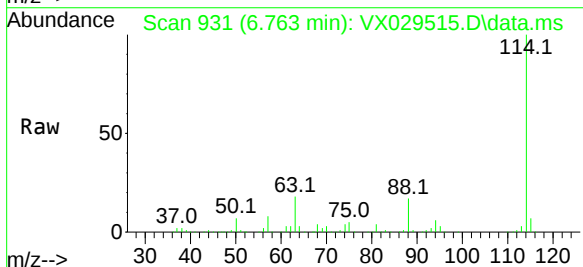
Tgt Ion: 114 Resp: 484377

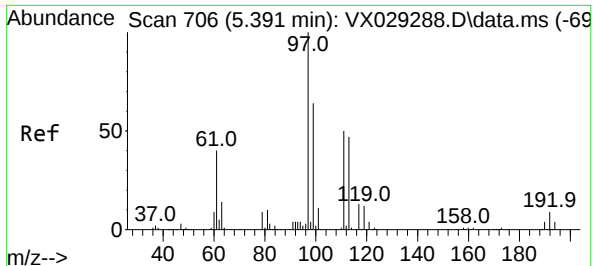
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 31.528 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029515.D

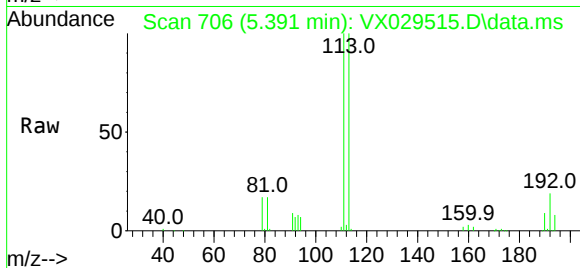
Acq: 15 Jun 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

40804ME



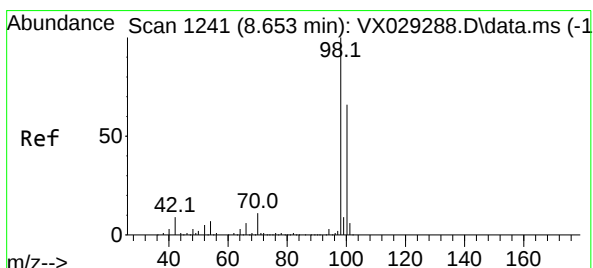
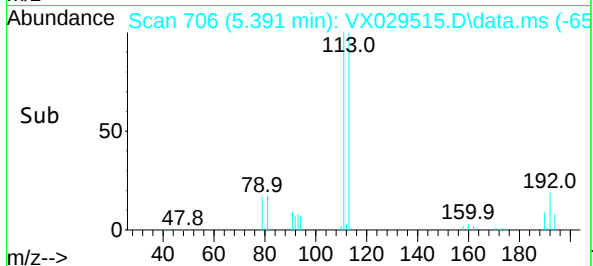
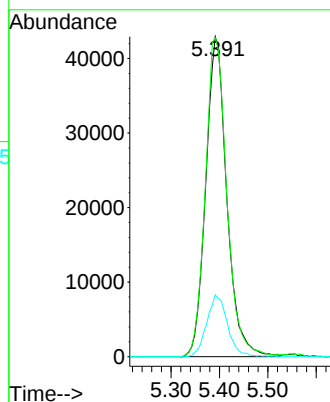
Tgt Ion:113 Resp: 129829

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 19.1 16.9 25.3



#50

Toluene-d8

Concen: 37.272 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029515.D

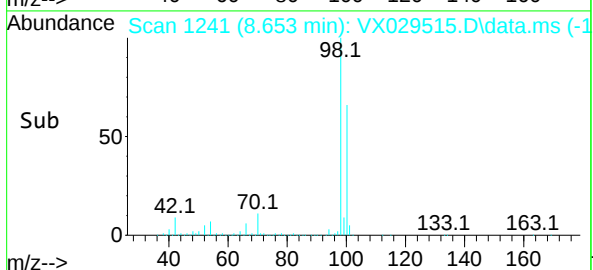
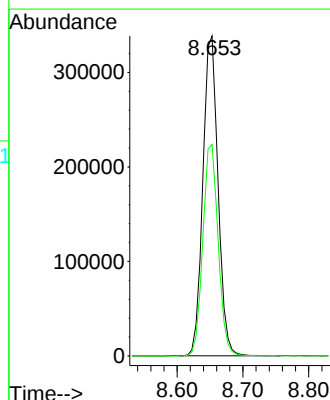
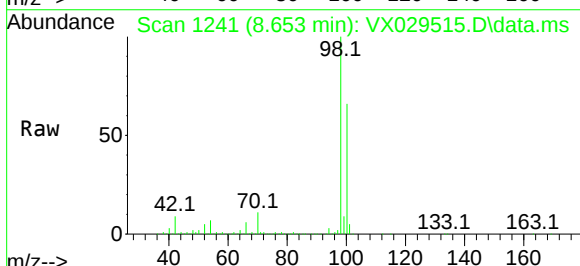
Acq: 15 Jun 2022 19:05

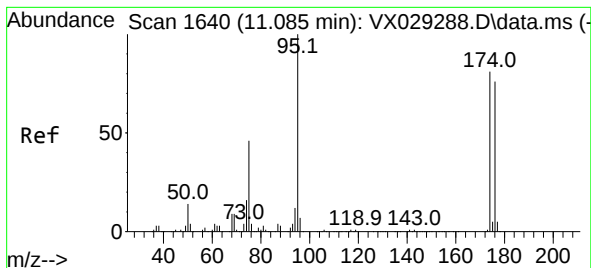
Tgt Ion: 98 Resp: 542819

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 33.776 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029515.D

Acq: 15 Jun 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

40804ME

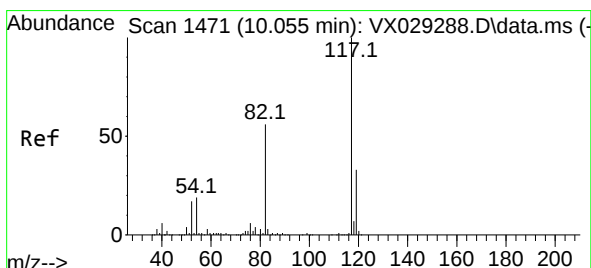
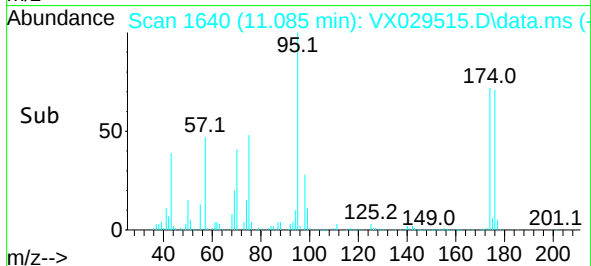
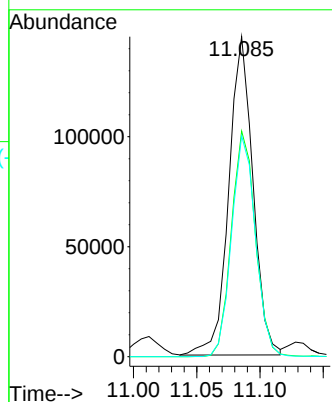
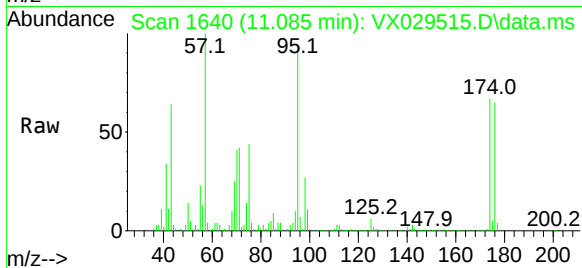
Tgt Ion: 95 Resp: 192501

Ion Ratio Lower Upper

95 100

174 70.4 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: VX029515.D

Acq: 15 Jun 2022 19:05

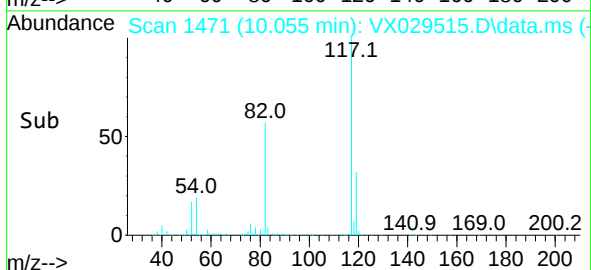
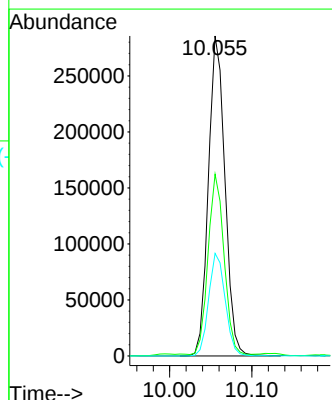
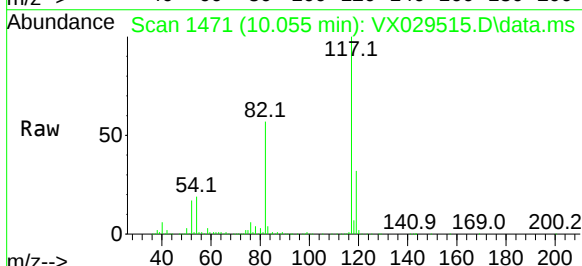
Tgt Ion: 117 Resp: 399516

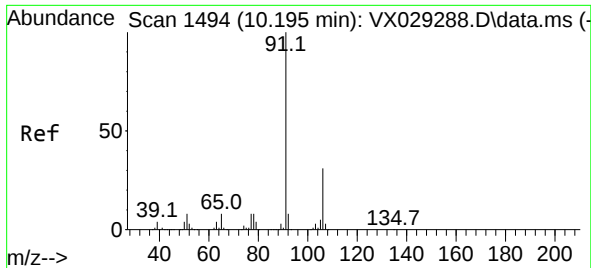
Ion Ratio Lower Upper

117 100

82 56.2 41.8 62.8

119 32.0 24.8 37.2





#67

Ethyl Benzene

Concen: 4.189 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029515.D

Acq: 15 Jun 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

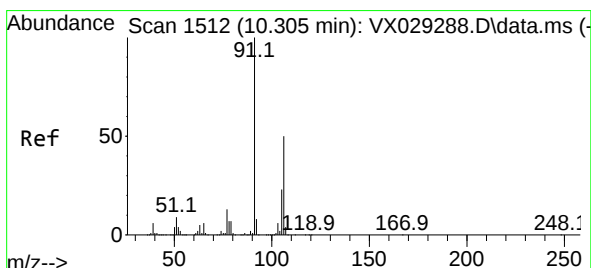
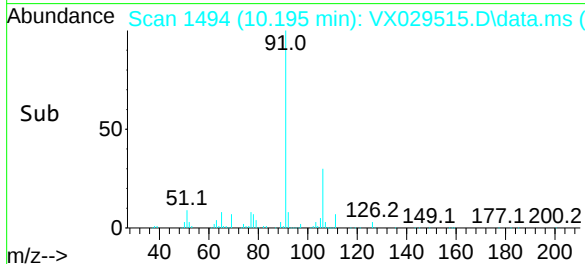
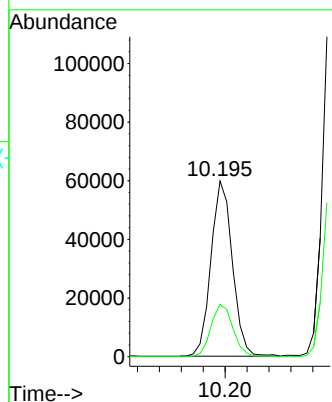
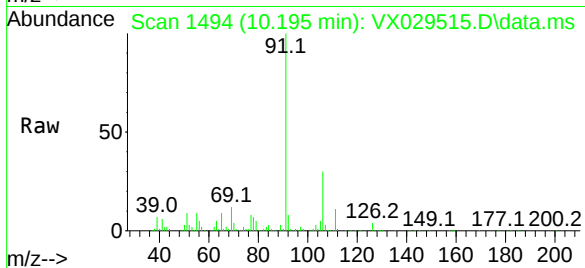
40804ME

Tgt Ion: 91 Resp: 81073

Ion Ratio Lower Upper

91 100

106 29.9 24.6 36.8



#68

m/p-Xylenes

Concen: 17.855 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029515.D

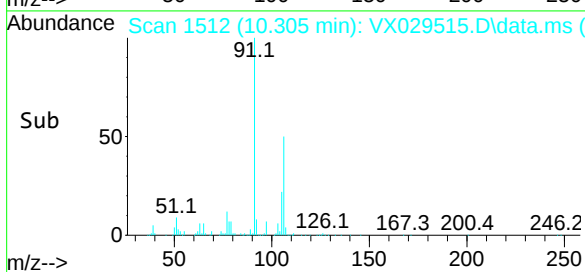
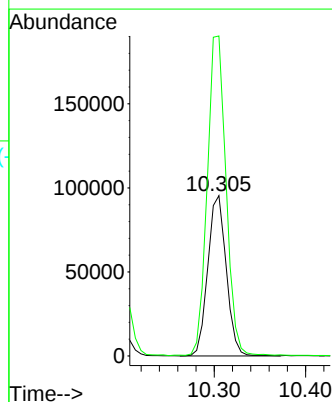
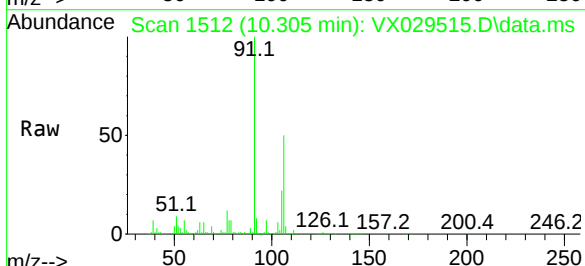
Acq: 15 Jun 2022 19:05

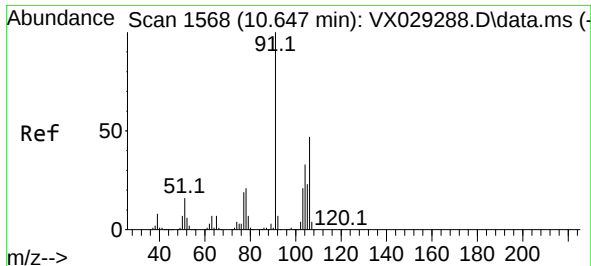
Tgt Ion:106 Resp: 133708

Ion Ratio Lower Upper

106 100

91 203.0 160.4 240.6

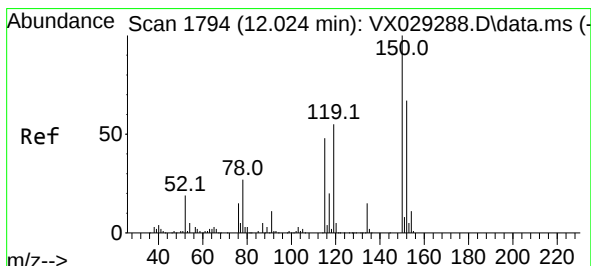
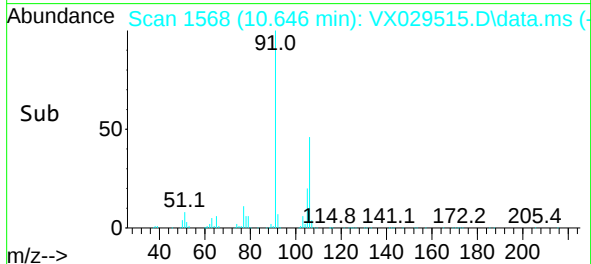
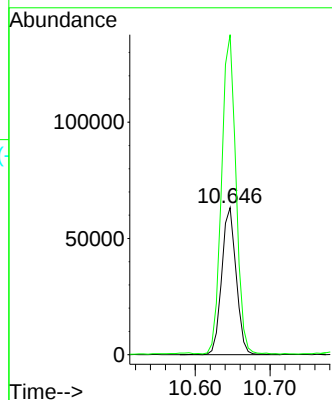
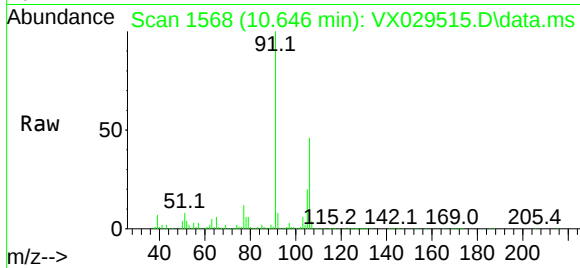




#69
o-Xylene
Concen: 11.701 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

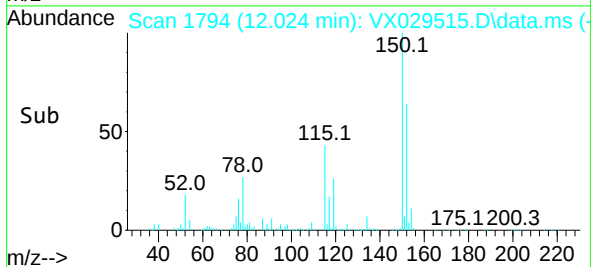
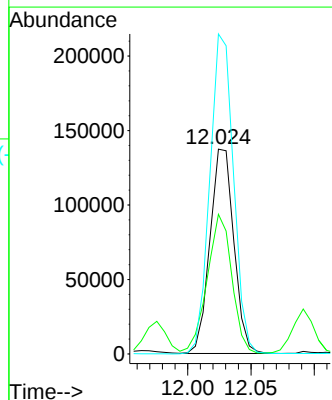
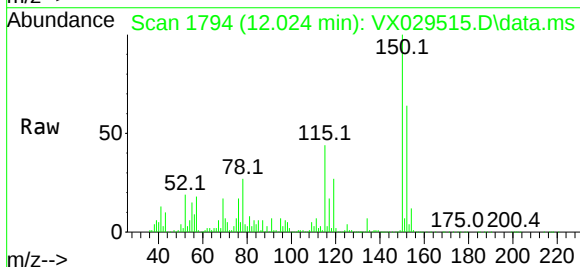
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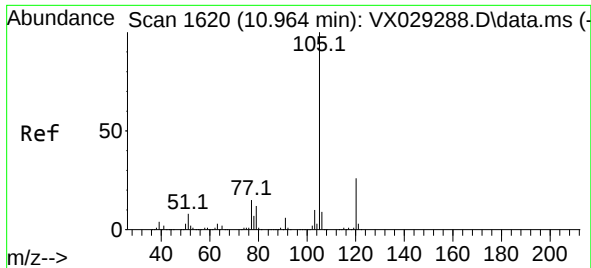
Tgt Ion:106 Resp: 85151
Ion Ratio Lower Upper
106 100
91 216.5 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

Tgt Ion:152 Resp: 180772
Ion Ratio Lower Upper
152 100
115 70.2 37.5 112.7
150 154.9 0.0 338.2

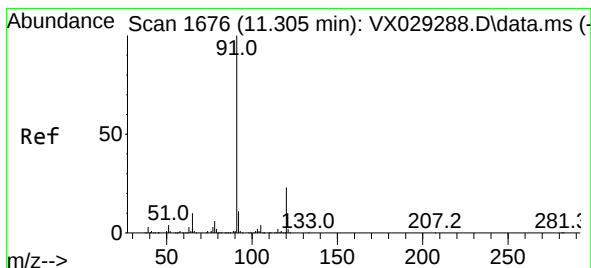
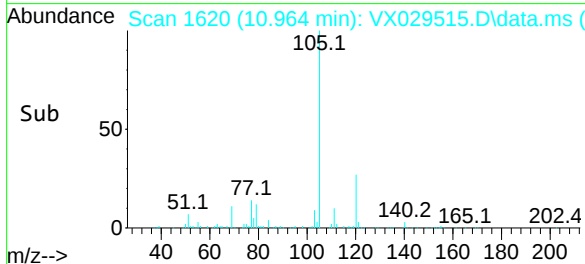
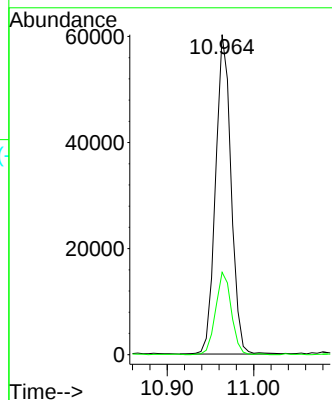
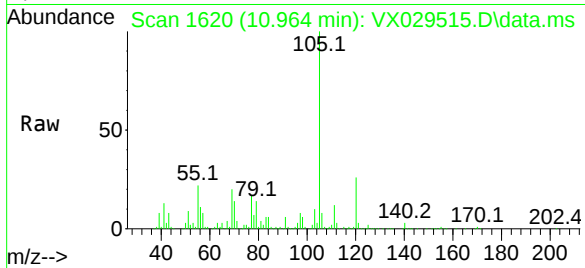




#73
Isopropylbenzene
Concen: 5.248 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

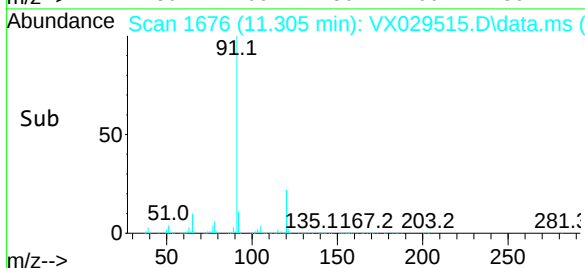
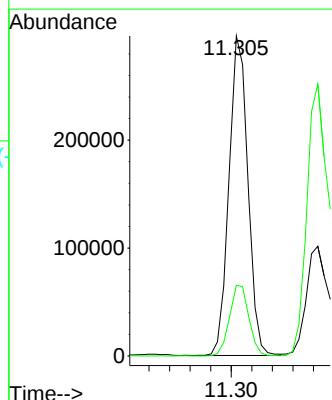
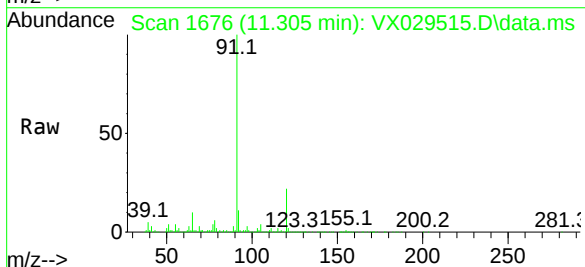
Instrument :
MSVOA_X
ClientSampleId :
40804ME

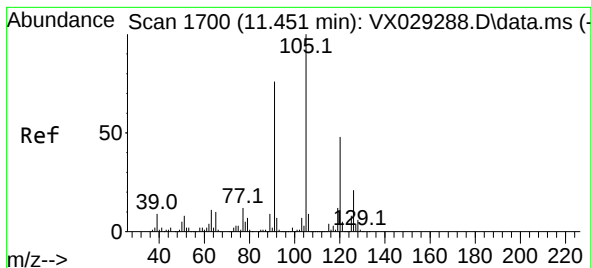
Tgt Ion:105 Resp: 74689
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5



#78
n-propylbenzene
Concen: 23.430 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

Tgt Ion: 91 Resp: 378365
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 40.922 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029515.D

Acq: 15 Jun 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

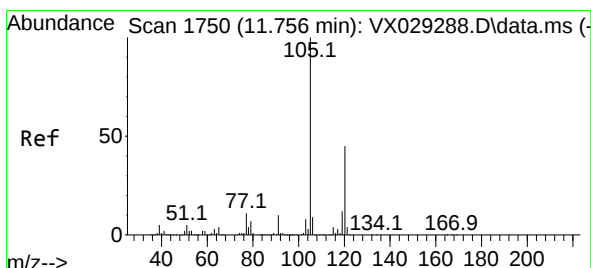
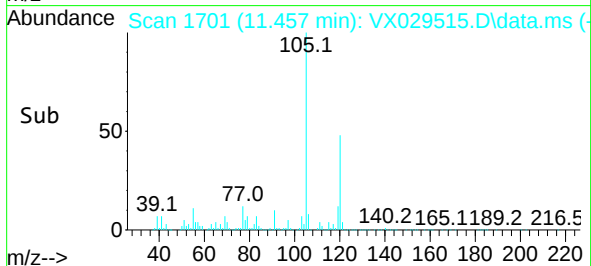
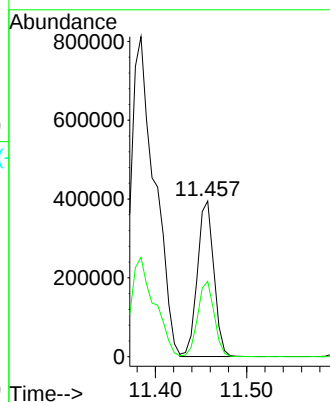
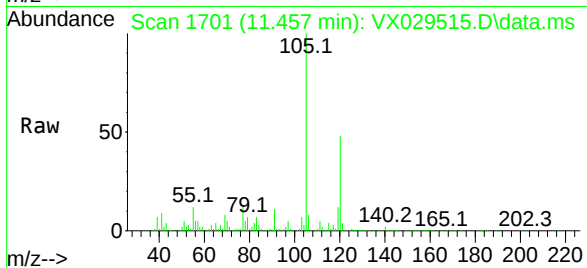
40804ME

Tgt Ion:105 Resp: 494509

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 174.029 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029515.D

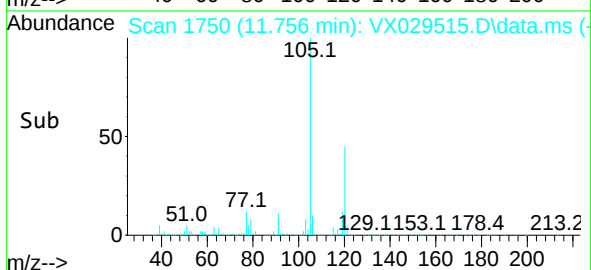
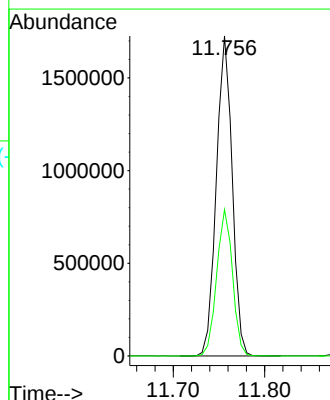
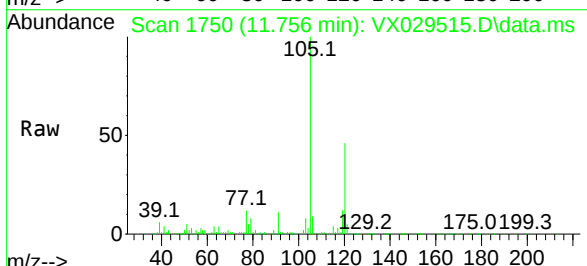
Acq: 15 Jun 2022 19:05

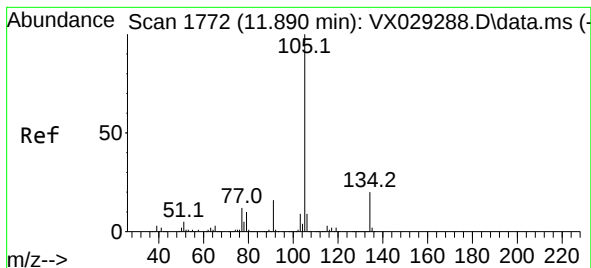
Tgt Ion:105 Resp: 2075721

Ion Ratio Lower Upper

105 100

120 45.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.410 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX029515.D

Acq: 15 Jun 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

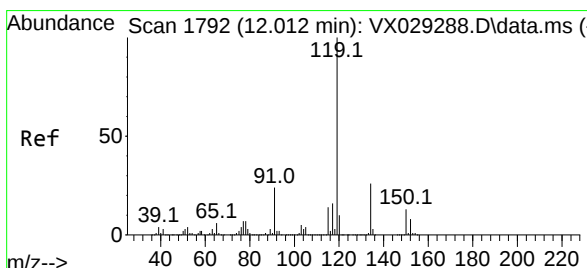
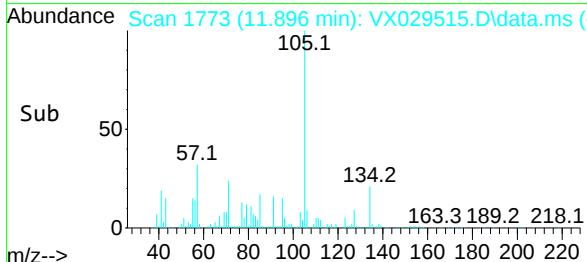
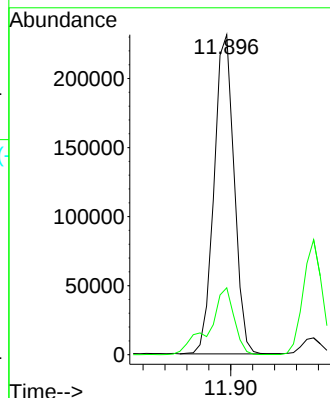
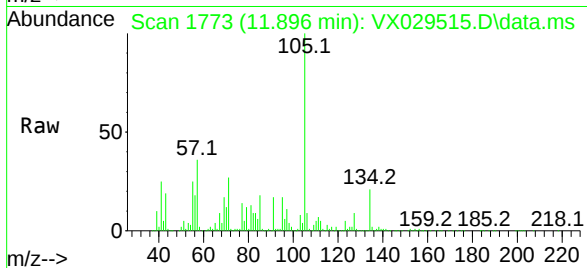
40804ME

Tgt Ion:105 Resp: 293864

Ion Ratio Lower Upper

105 100

134 26.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 16.455 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX029515.D

Acq: 15 Jun 2022 19:05

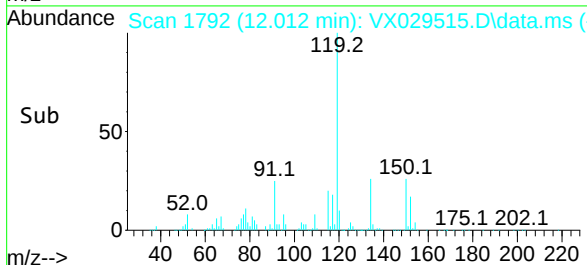
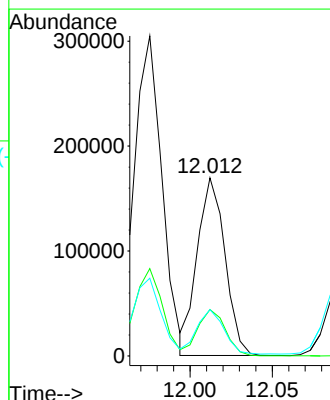
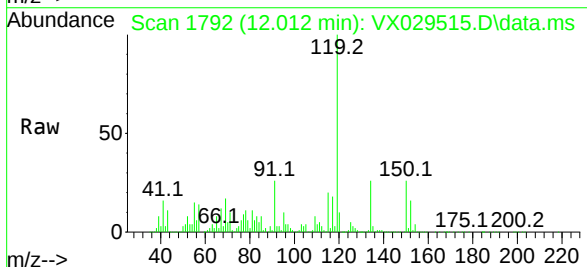
Tgt Ion:119 Resp: 198615

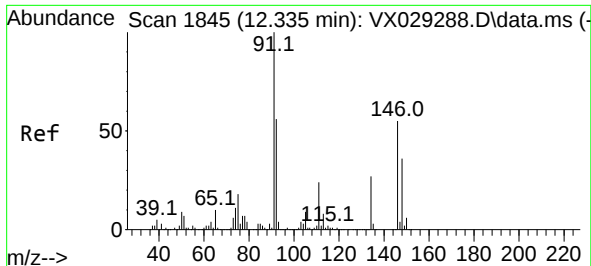
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.1 11.3 33.9

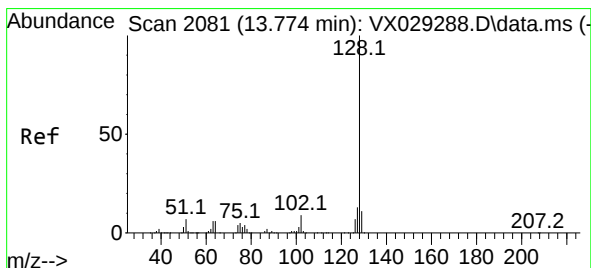
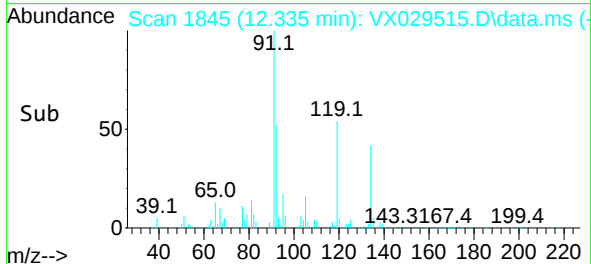
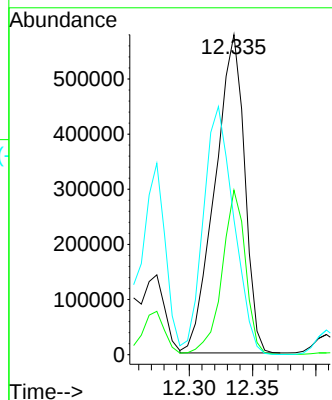
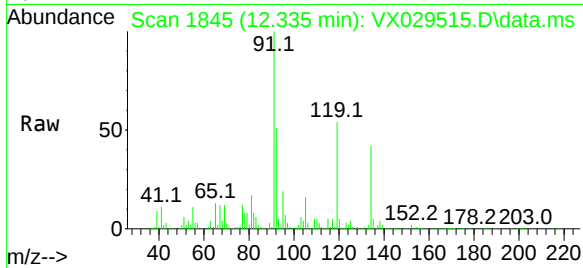




#89
n-Butylbenzene
Concen: 91.856 ug/l
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

Instrument :
MSVOA_X
ClientSampleId :
40804ME

Tgt Ion: 91 Resp: 934776
Ion Ratio Lower Upper
91 100
92 41.0 27.8 83.3
134 80.5 13.3 39.8#



#95
Naphthalene
Concen: 46.883 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029515.D
Acq: 15 Jun 2022 19:05

Tgt Ion: 128 Resp: 617566
Ion Ratio Lower Upper
128 100
127 15.5 10.2 15.4#
129 18.7 8.7 13.1#

