

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019734.D
 Acq On : 04 Dec 2020 22:00
 Operator : JC/MD
 Sample : L4953-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE1D-120220

Quant Time: Dec 05 05:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	340915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	552259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	497759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226428	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	204085	45.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.10%	
35) Dibromofluoromethane		5.46	113	164760	46.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.32%	
50) Toluene-d8		8.70	98	654633	48.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.08%	
62) 4-Bromofluorobenzene		11.12	95	239150	46.11	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.22%	

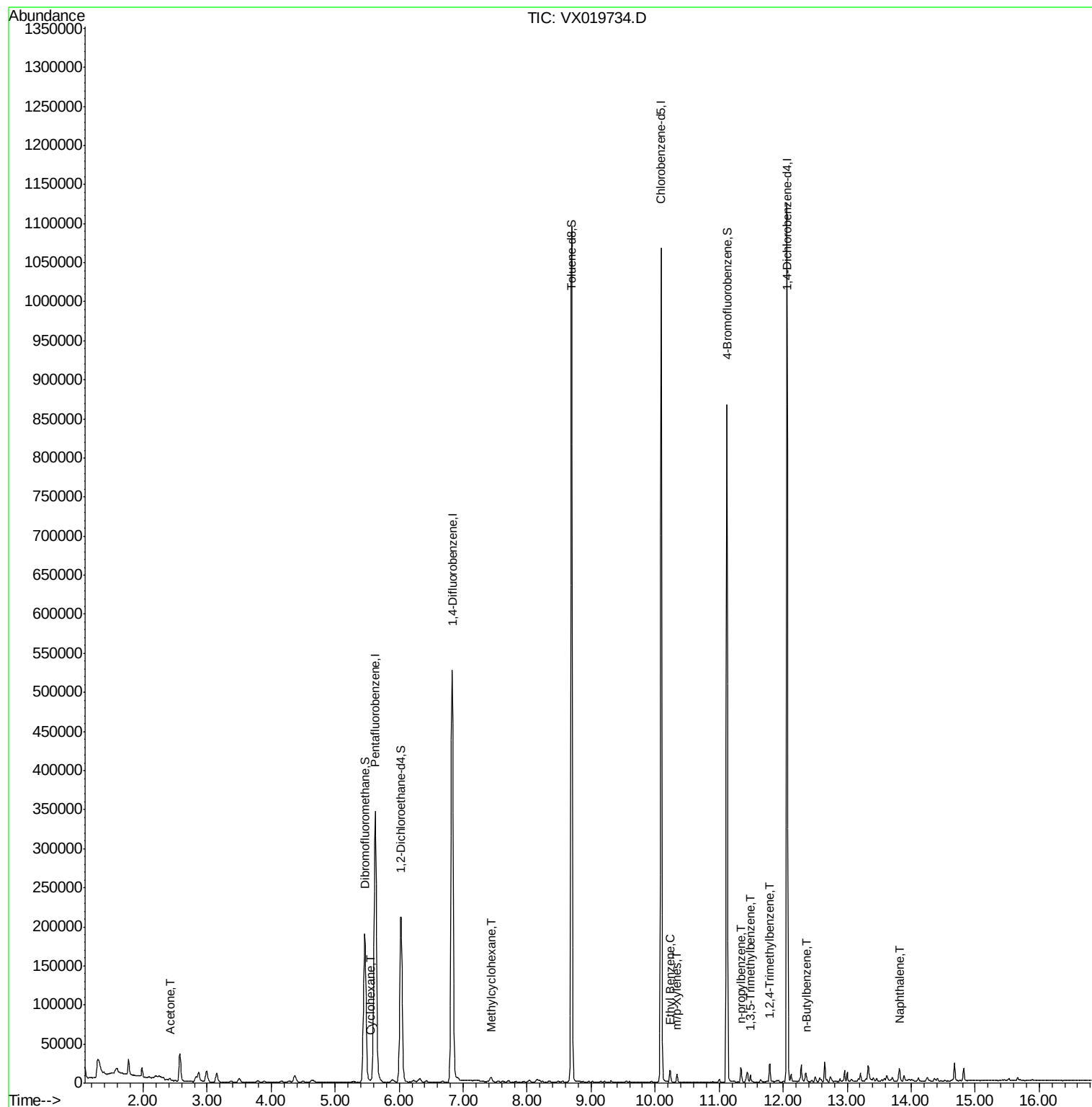
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	3298	1.958	ug/l	99
31) Cyclohexane	5.54	56	1516	0.272	ug/l #	82
39) Methylcyclohexane	7.44	83	2598	0.443	ug/l	92
67) Ethyl Benzene	10.23	91	9103	0.517	ug/l	98
68) m/p-Xylenes	10.35	106	2220	0.335	ug/l	88
78) n-propylbenzene	11.34	91	10748	0.608	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	3769	0.289	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	10412	0.792	ug/l	99
89) n-Butylbenzene	12.37	91	2589	0.218	ug/l #	55
95) Naphthalene	13.82	128	13107	0.877	ug/l	98

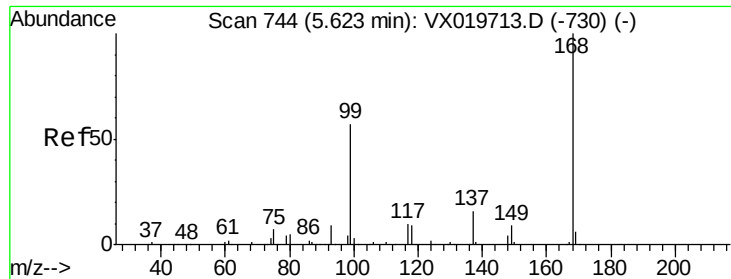
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120420\
Data File : VX019734.D
Acq On : 04 Dec 2020 22:00
Operator : JC/MD
Sample : L4953-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE1D-120220

Quant Time: Dec 05 05:34:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

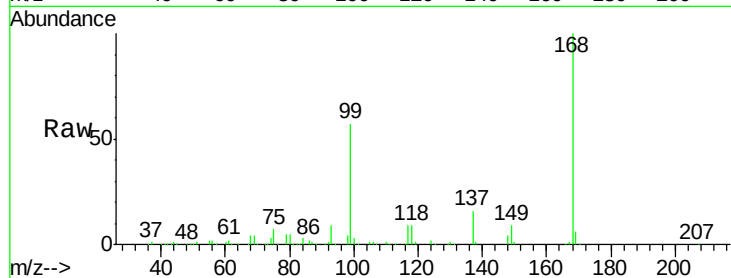
ID039-39MWE1D-120220

Tot Ion:168 Resp: 340915

Ion Ratio Lower Upper

168 100

99 57.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

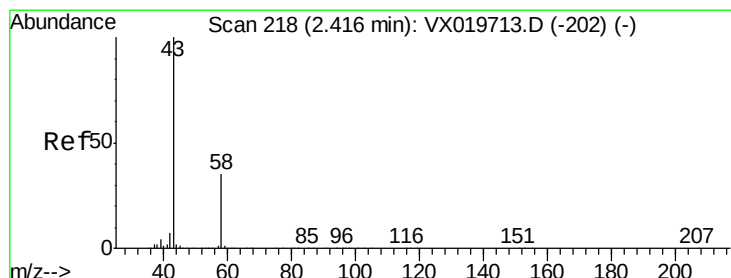
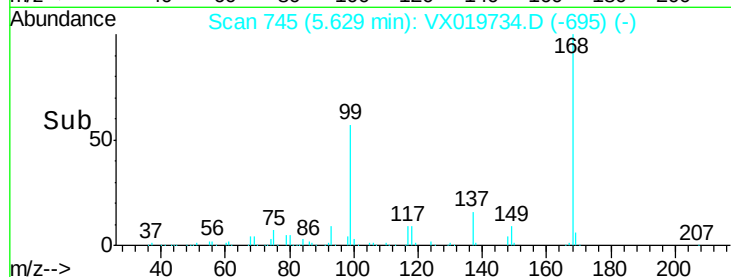
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 1.958 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019734.D

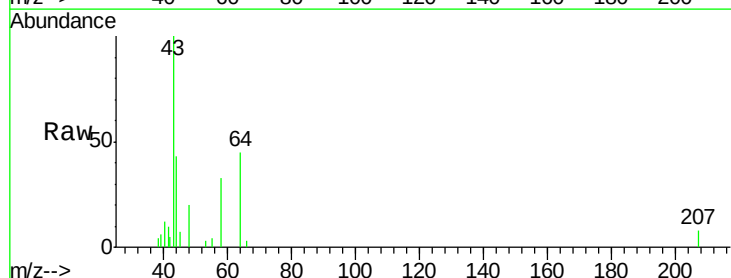
Acq: 04 Dec 2020 22:00

Tgt Ion: 43 Resp: 3298

Ion Ratio Lower Upper

43 100

58 35.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

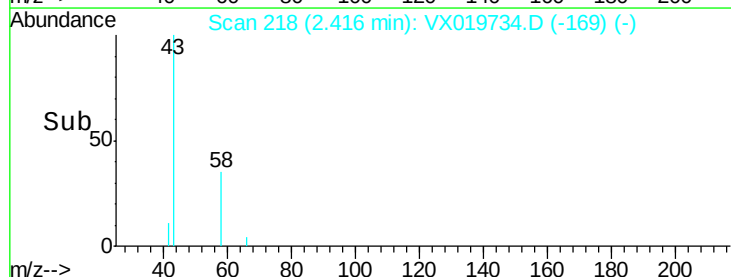
1500

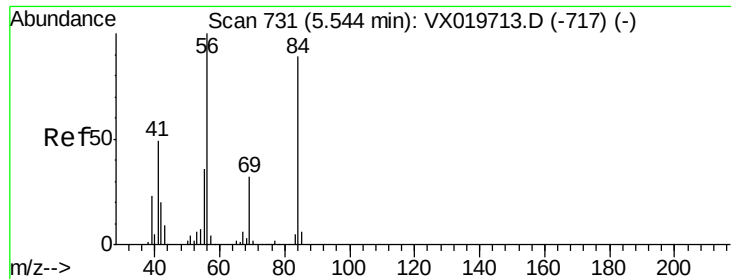
1000

500

0

Time-->

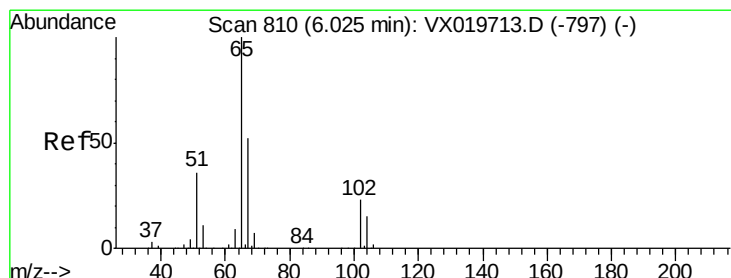
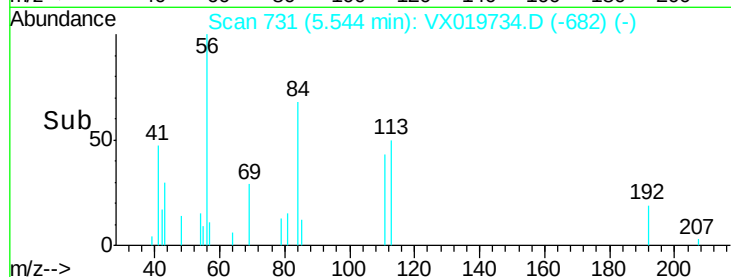
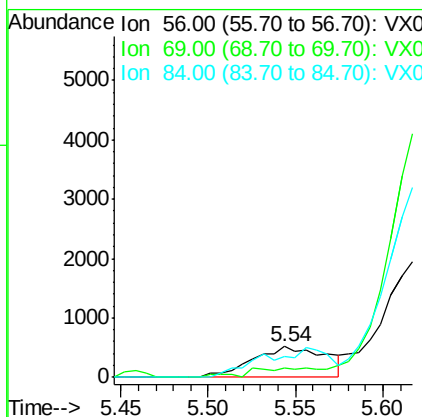
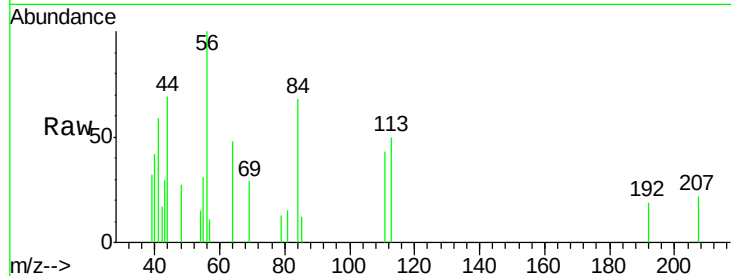




#31
Cyclohexane
Concen: 0.272 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019734.D
Acq: 04 Dec 2020 22:00

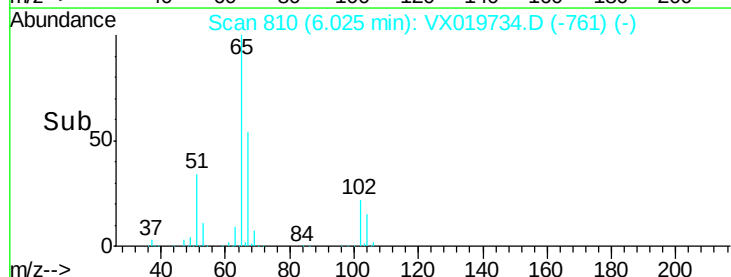
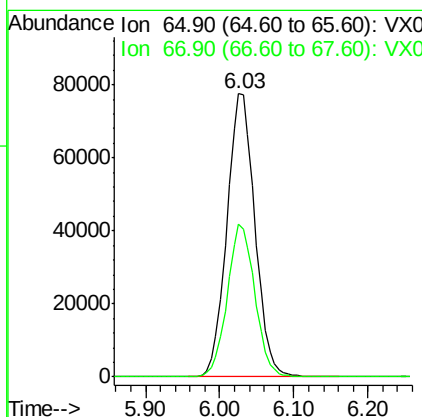
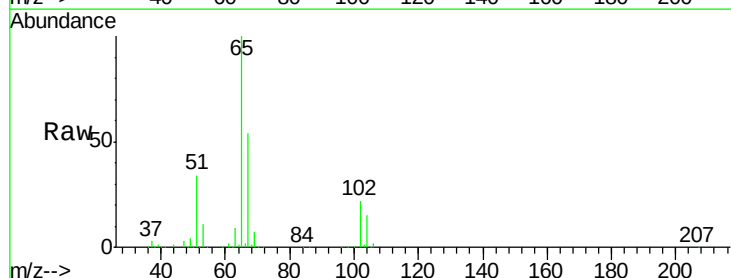
Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE1D-120220

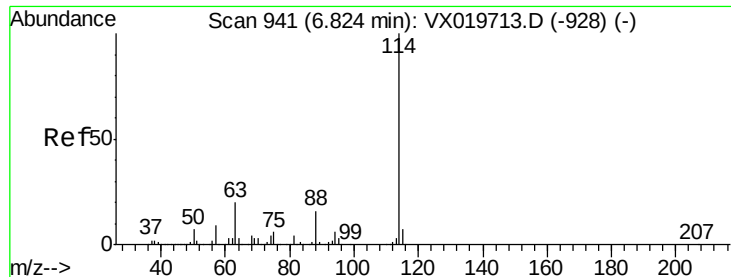
Tot Ion: 56 Resp: 1516
Ion Ratio Lower Upper
56 100
69 28.8 25.3 37.9
84 67.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 45.548 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019734.D
Acq: 04 Dec 2020 22:00

Tgt Ion: 65 Resp: 204085
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE1D-120220

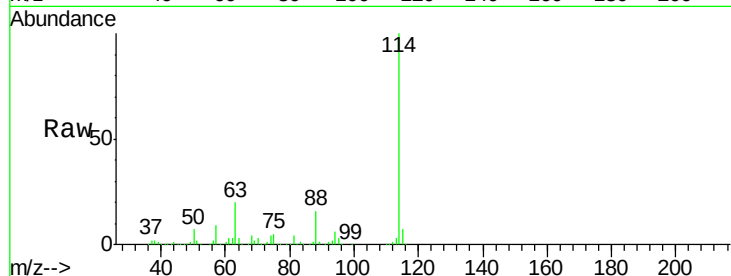
Tot Ion:114 Resp: 552259

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

250000

200000

150000

100000

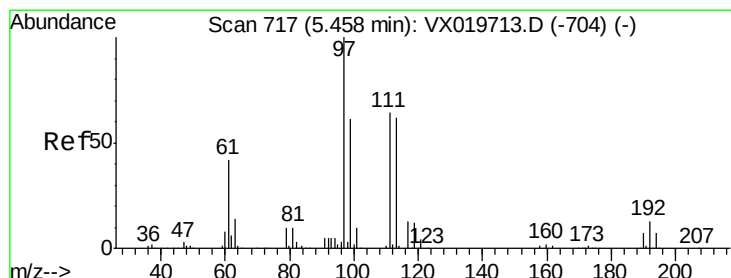
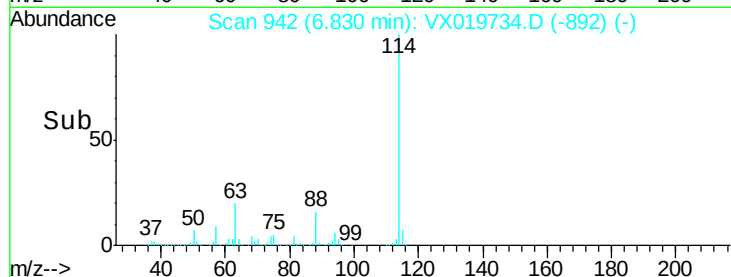
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.162 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

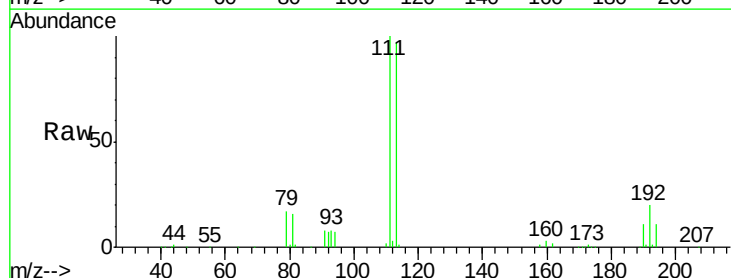
Tgt Ion:113 Resp: 164760

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 20.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

80000

60000

40000

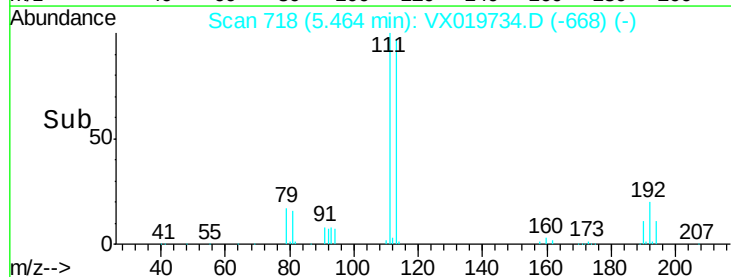
20000

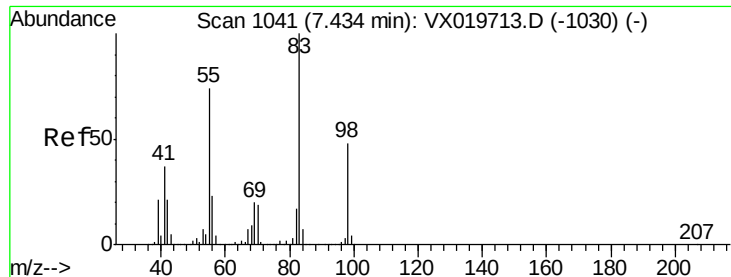
0

5.46

5.30 5.40 5.50 5.60

Time-->

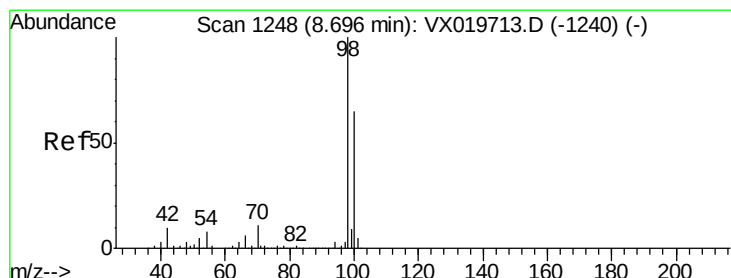
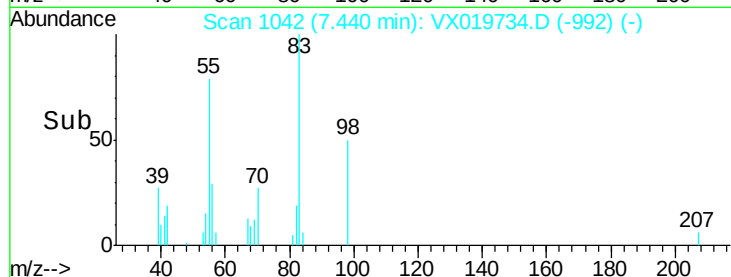
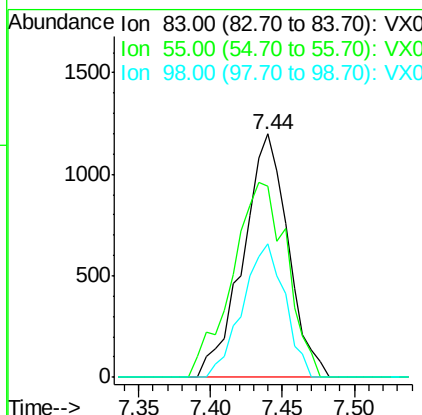
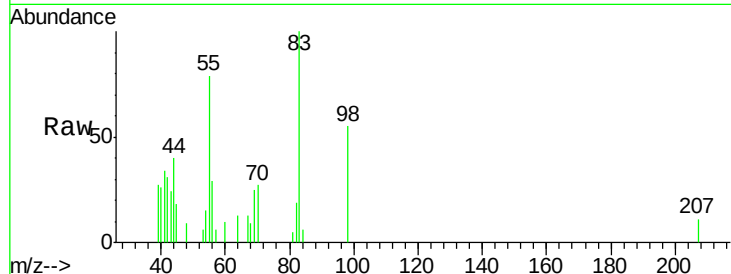




#39
Methylvlcyclohexane
Concen: 0.443 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019734.D
Acq: 04 Dec 2020 22:00

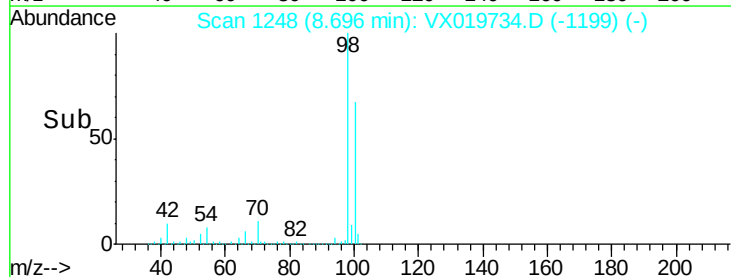
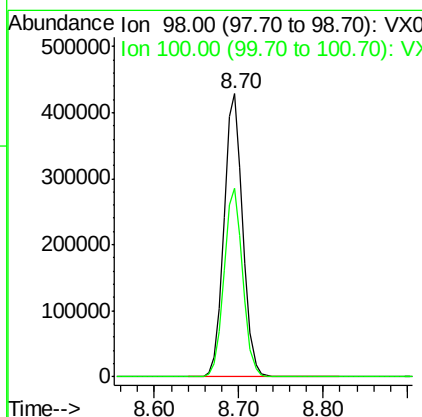
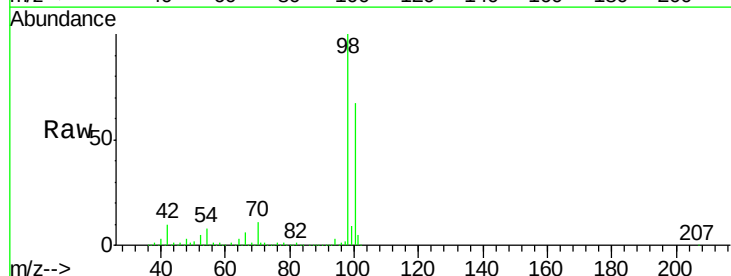
Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE1D-120220

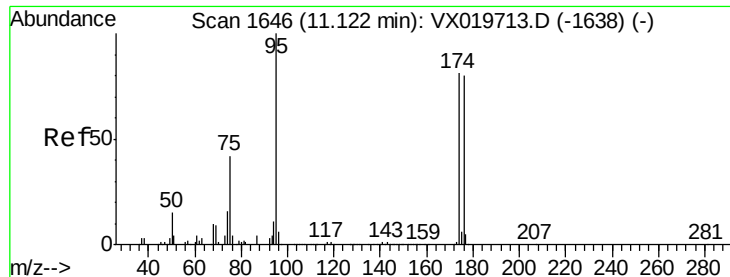
Tot Ion: 83 Resp: 2598
Ion Ratio Lower Upper
83 100
55 78.7 58.9 88.3
98 54.7 38.1 57.1



#50
Toluene-d8
Concen: 48.042 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019734.D
Acq: 04 Dec 2020 22:00

Tgt Ion: 98 Resp: 654633
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 46.112 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE1D-120220

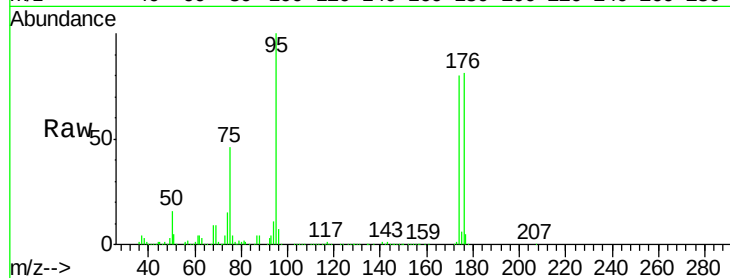
Tot Ion: 95 Resp: 239150

Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.6

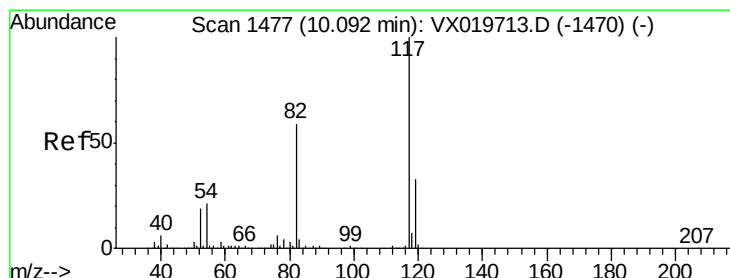
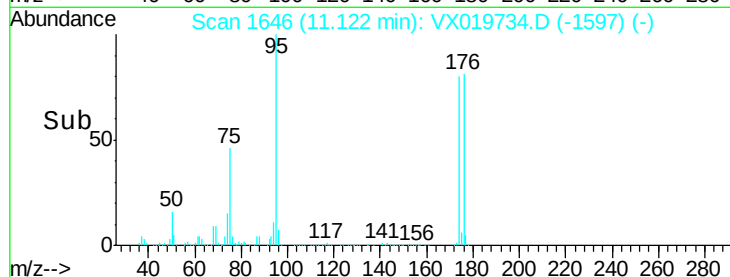
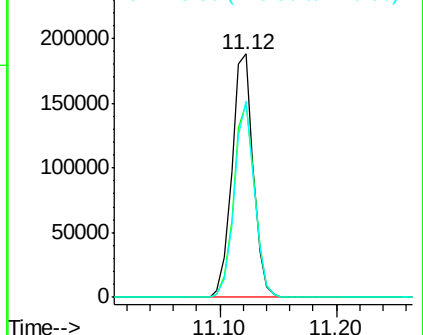
176 76.3 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

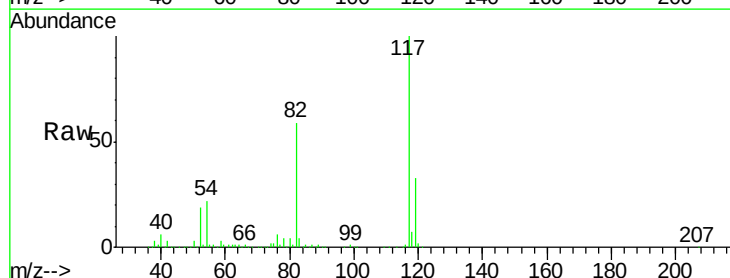
Tgt Ion: 117 Resp: 497759

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.2

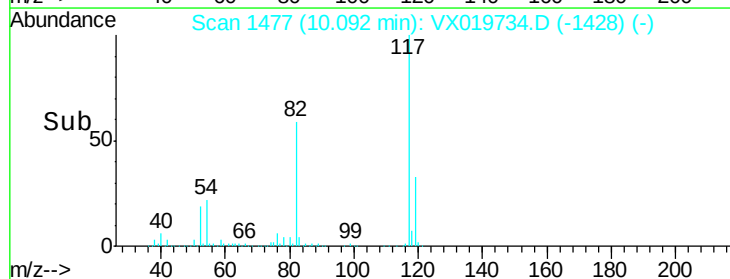
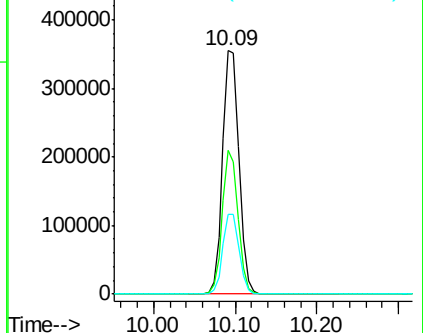
119 32.9 26.6 39.8

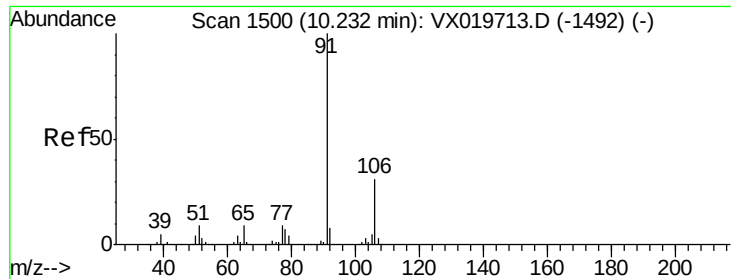


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

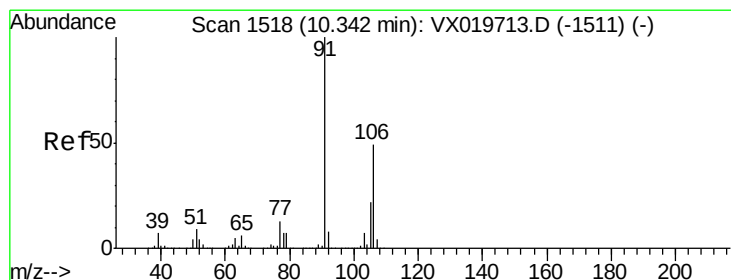
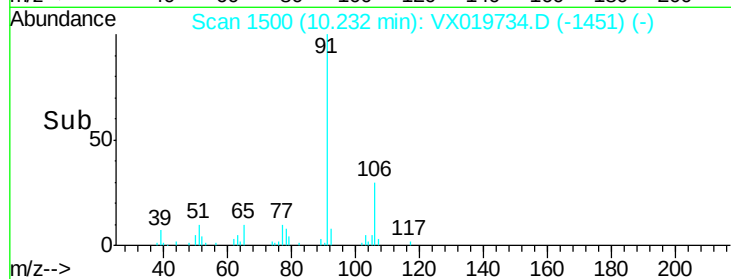
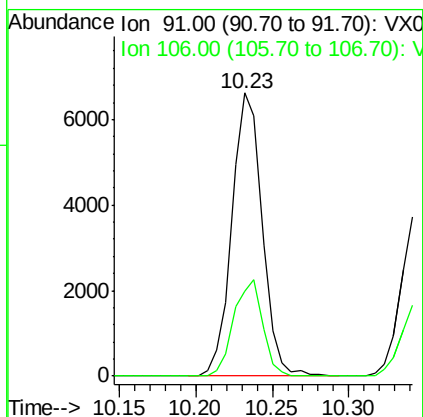
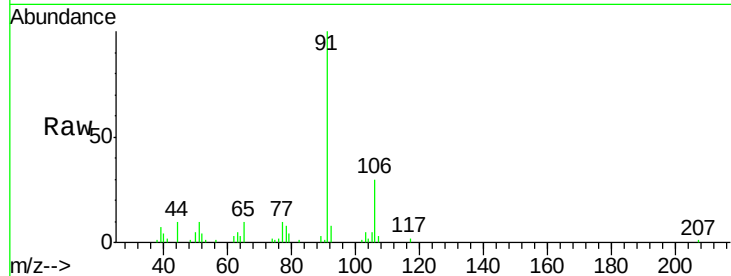




#67
Ethyl Benzene
Concen: 0.517 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019734.D
Acq: 04 Dec 2020 22:00

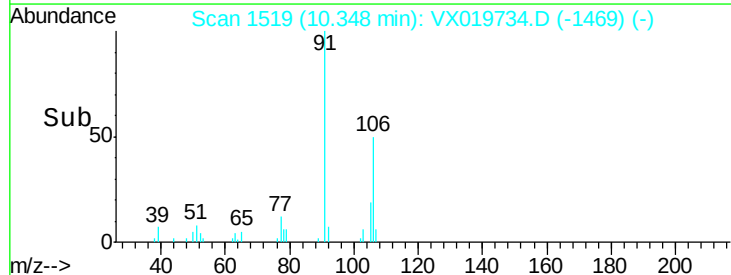
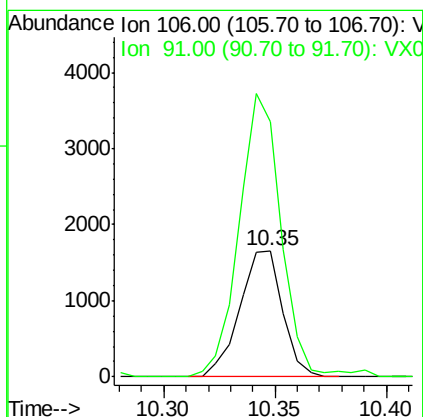
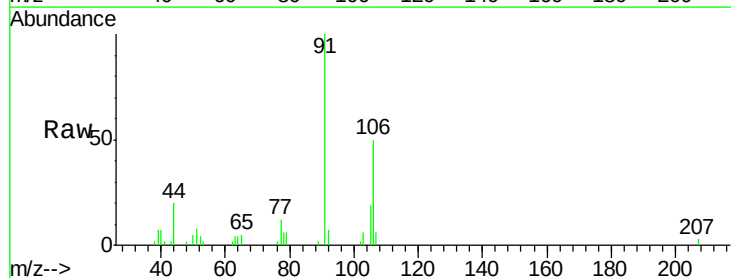
Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE1D-120220

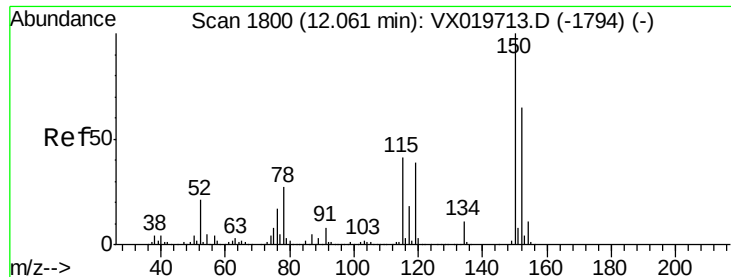
Tot Ion: 91 Resp: 9103
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



#68
m/p-Xylenes
Concen: 0.335 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX019734.D
Acq: 04 Dec 2020 22:00

Tgt Ion: 106 Resp: 2220
Ion Ratio Lower Upper
106 100
91 221.2 162.8 244.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE1D-120220

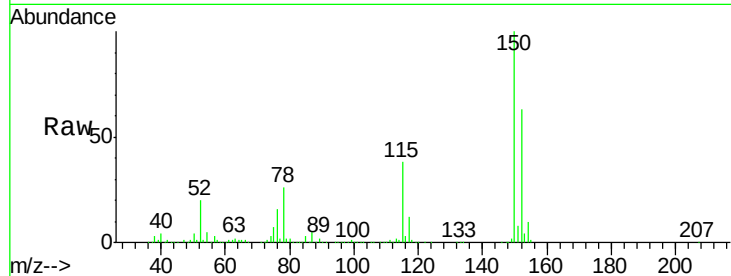
Tot Ion:152 Resp: 226428

Ion Ratio Lower Upper

152 100

115 60.1 41.1 123.3

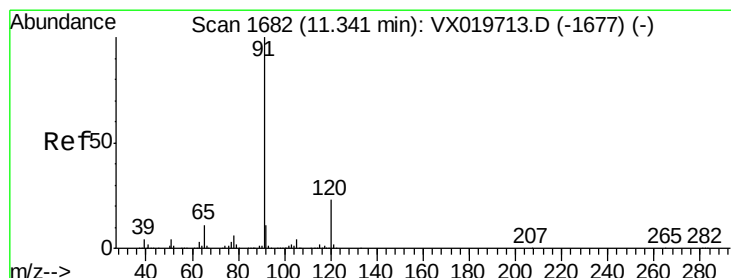
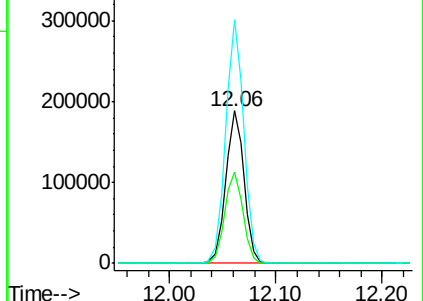
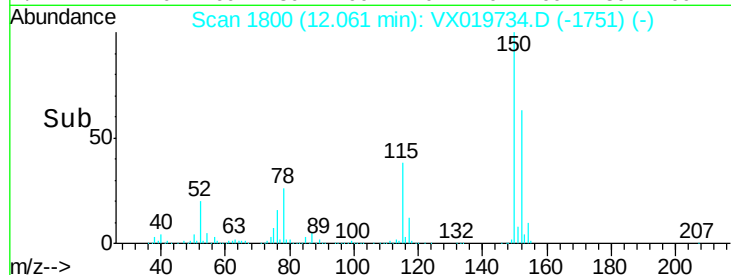
150 158.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 0.608 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019734.D

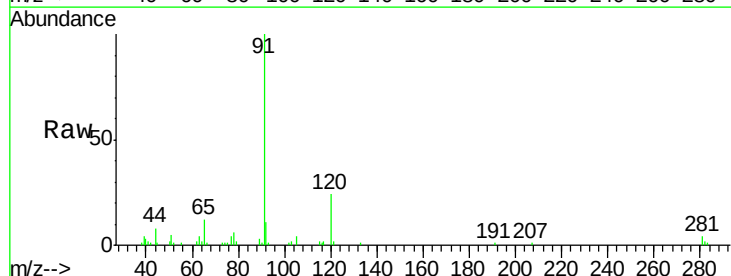
Acq: 04 Dec 2020 22:00

Tgt Ion: 91 Resp: 10748

Ion Ratio Lower Upper

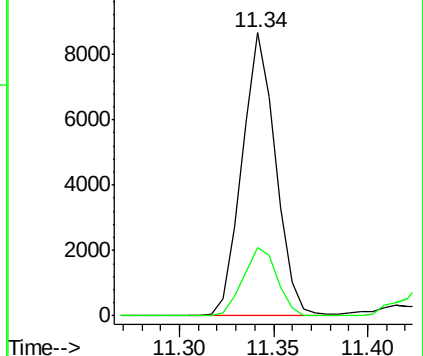
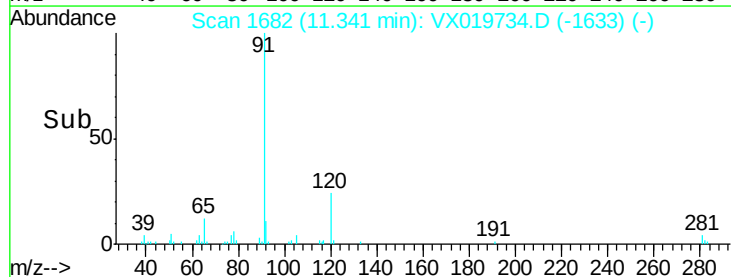
91 100

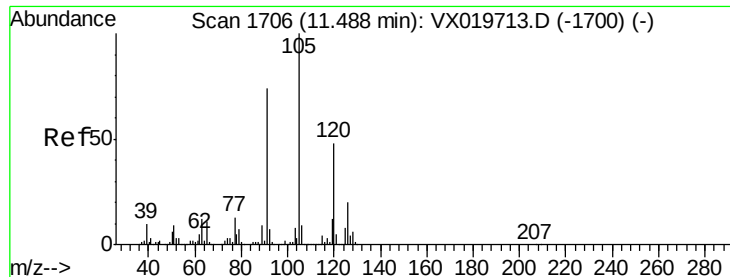
120 24.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.289 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

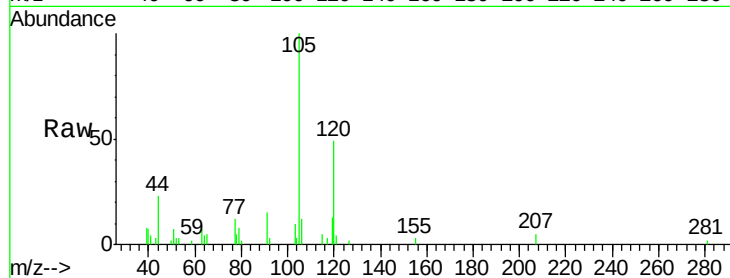
ID039-39MWE1D-120220

Tot Ion:105 Resp: 3769

Ion Ratio Lower Upper

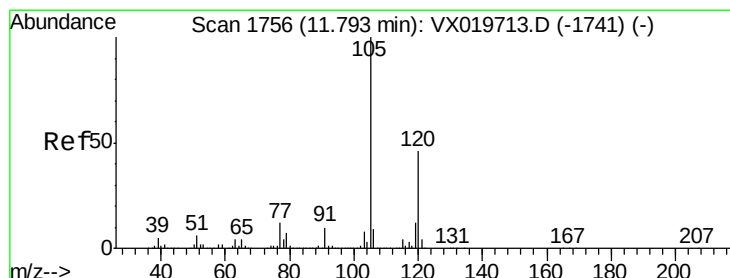
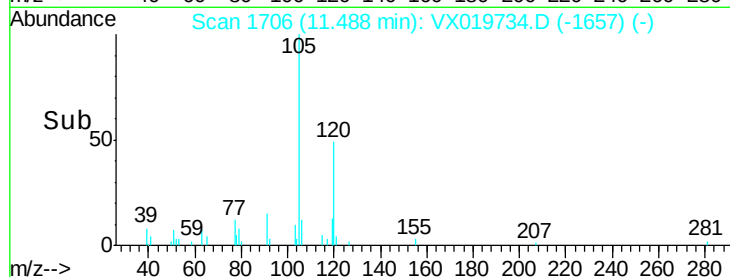
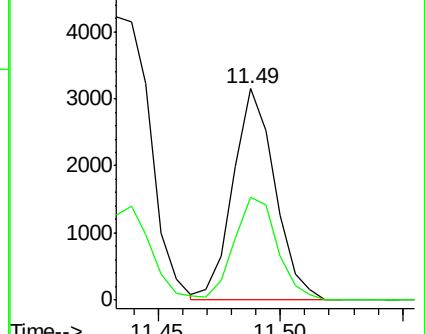
105 100

120 49.6 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.792 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019734.D

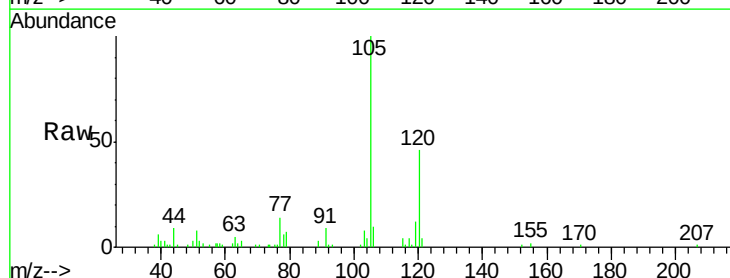
Acq: 04 Dec 2020 22:00

Tgt Ion:105 Resp: 10412

Ion Ratio Lower Upper

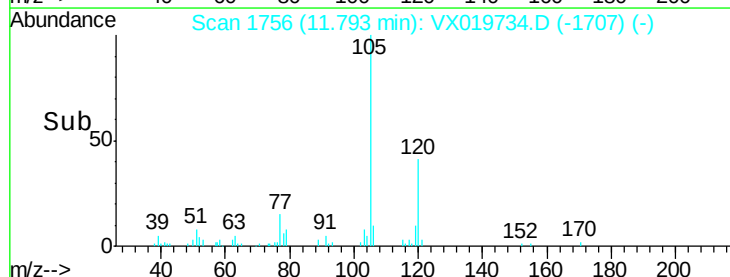
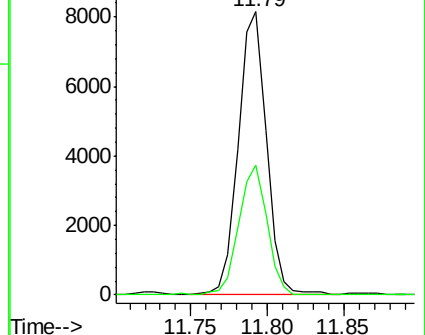
105 100

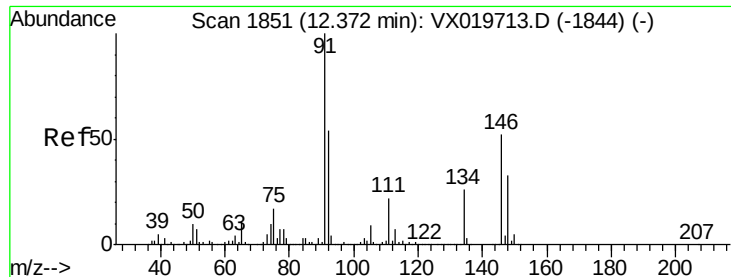
120 45.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.218 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE1D-120220

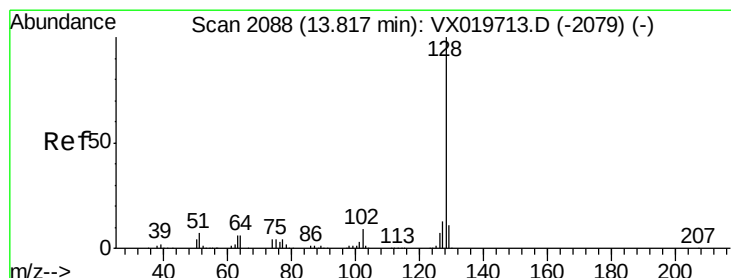
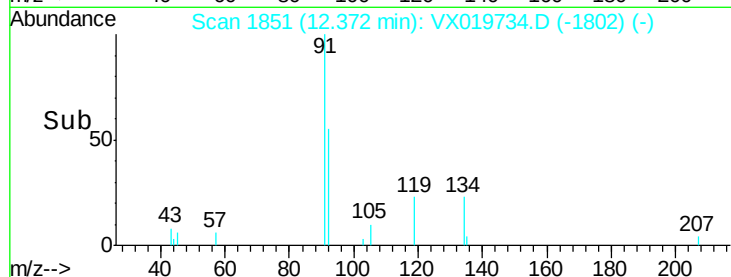
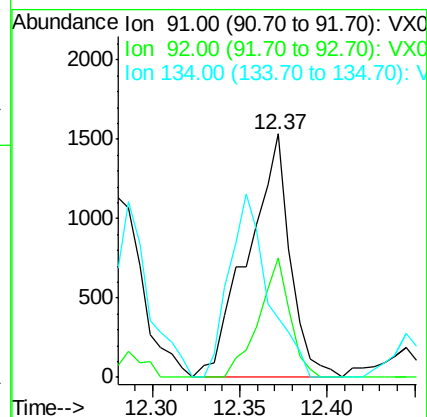
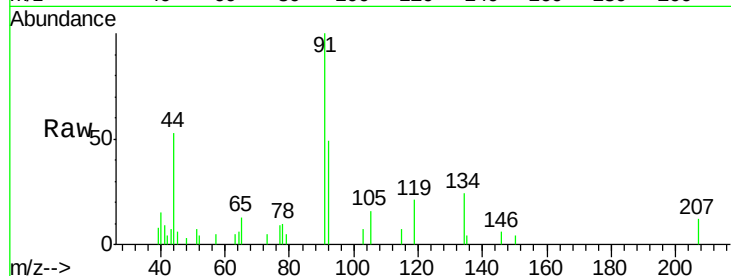
Tot Ion: 91 Resp: 2589

Ion Ratio Lower Upper

91 100

92 36.0 27.4 82.0

134 69.8 13.2 39.5#



#95

Naphthalene

Concen: 0.877 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019734.D

Acq: 04 Dec 2020 22:00

Tgt Ion:128 Resp: 13107

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.4 8.8 13.2

