

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016338.D
 Acq On : 19 May 2020 16:36
 Operator : JC/SP
 Sample : L2673-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 102

Quant Time: May 20 07:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

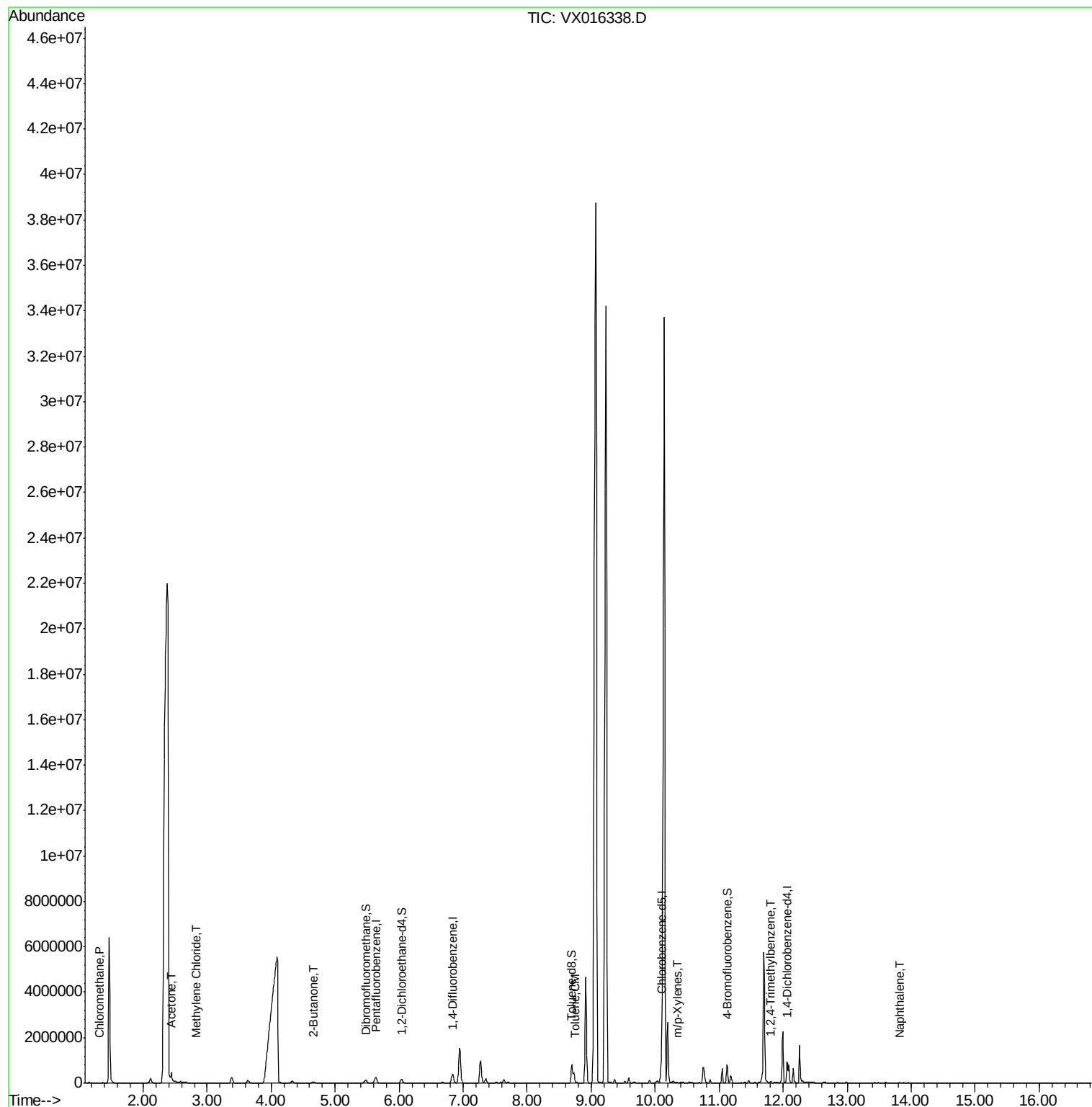
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	247489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	419854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	148097	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.48	113	123389	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	8.70	98	504290	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.12	95	196888	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	1152	0.379	ug/l #	80
16) Acetone	2.44	43	265988	183.047	ug/l #	50
20) Methylene Chloride	2.84	84	1592	0.531	ug/l	92
25) 2-Butanone	4.65	43	87204	37.242	ug/l	94
52) Toluene	8.76	92	10464	1.388	ug/l	96
68) m/p-Xylenes	10.35	106	2098	0.395	ug/l	92
84) 1,2,4-Trimethylbenzene	11.79	105	7199	0.576	ug/l	84
95) Naphthalene	13.82	128	10722	0.685	ug/l	99

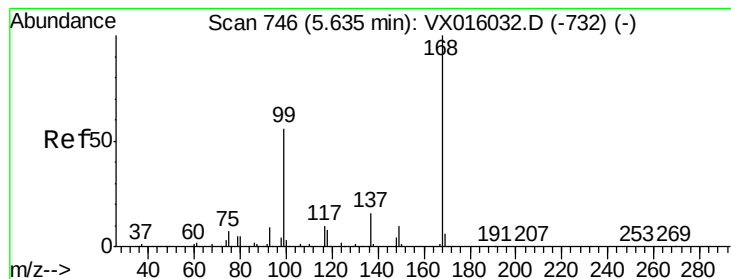
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

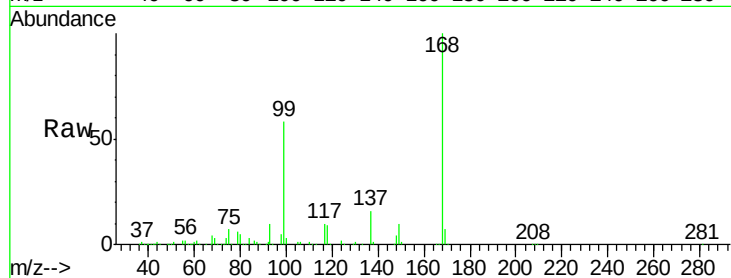
102

Tot Ion:168 Resp: 247489

Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

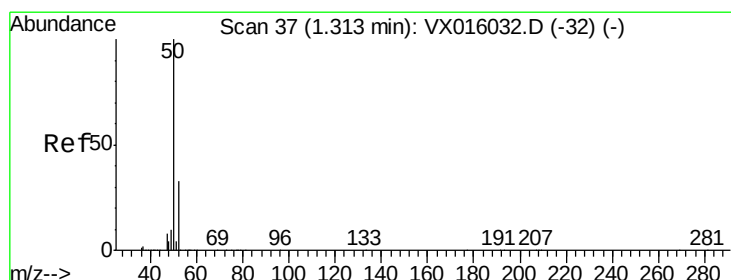
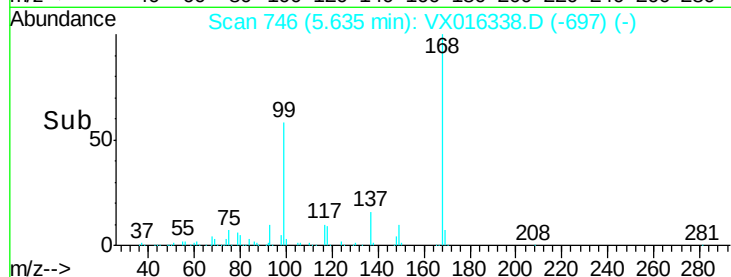
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.379 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016338.D

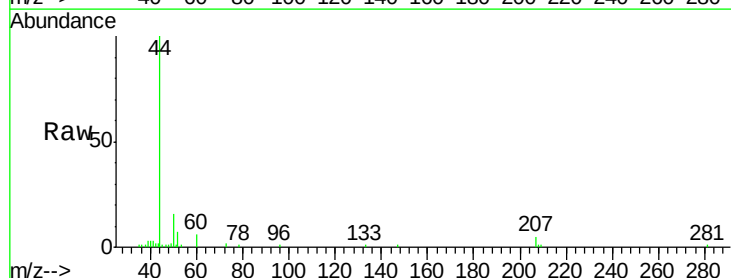
Acq: 19 May 2020 16:36

Tgt Ion: 50 Resp: 1152

Ion Ratio Lower Upper

50 100

52 44.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

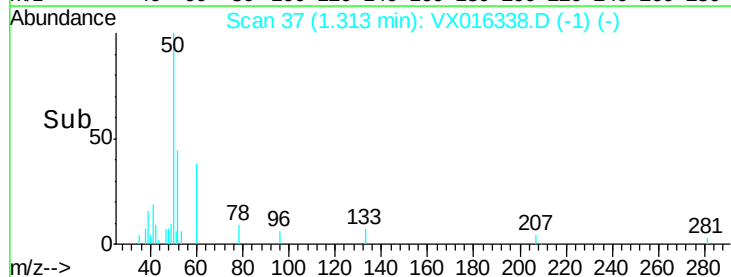
1.31

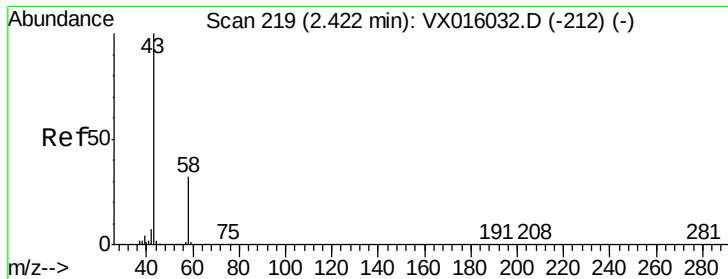
1000

500

0

Time-->

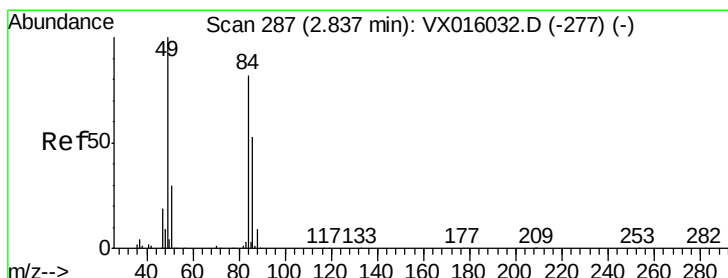
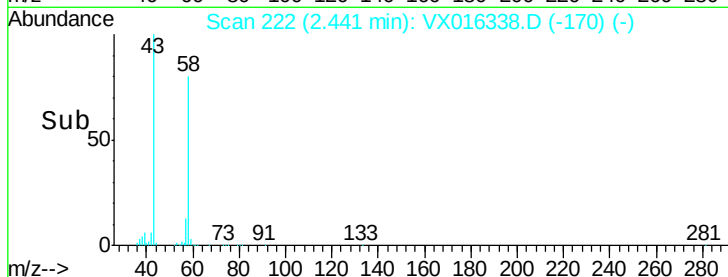
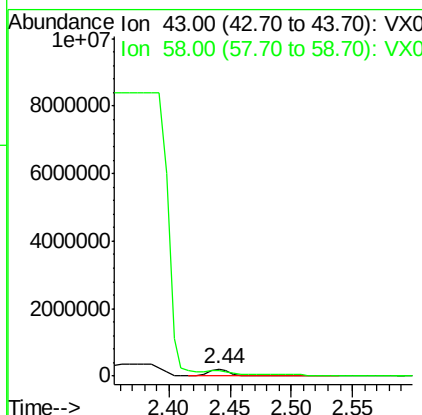
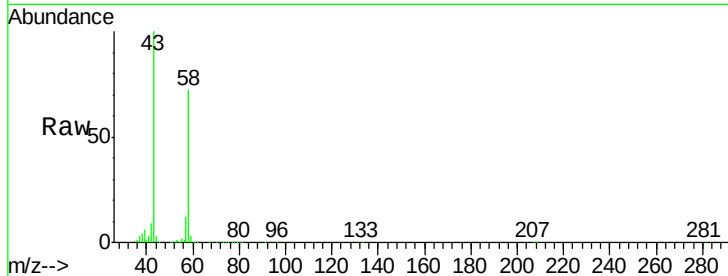




#16
Acetone
Concen: 183.047 ug/l
RT: 2.44 min Scan# 222
Delta R.T. 0.02 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

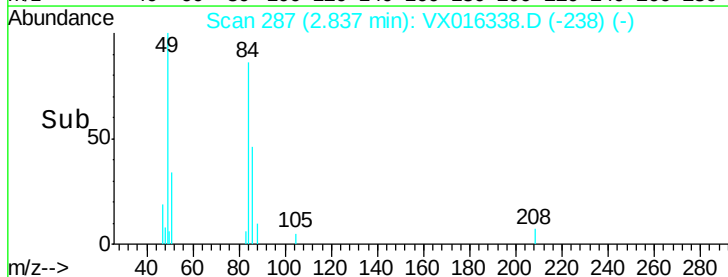
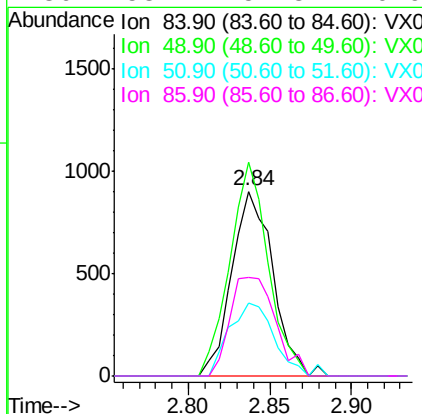
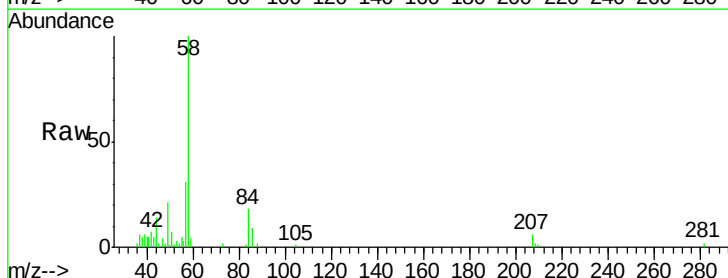
Instrument :
MSVOA_X
ClientSampleId :
102

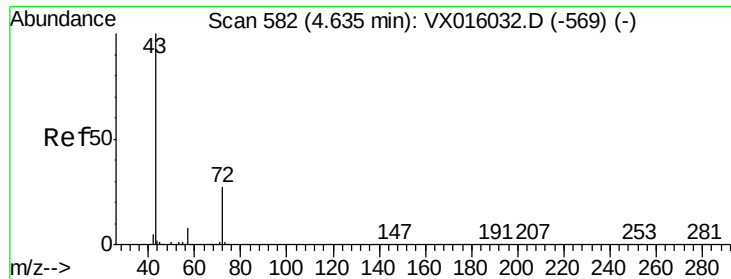
Tot Ion: 43 Resp: 265988
Ion Ratio Lower Upper
43 100
58 59.5 25.4 38.0#



#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion: 84 Resp: 1592
Ion Ratio Lower Upper
84 100
49 115.9 97.3 145.9
51 39.8 29.3 43.9
86 53.2 51.3 76.9

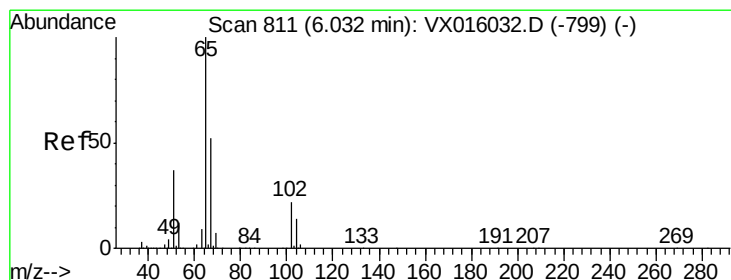
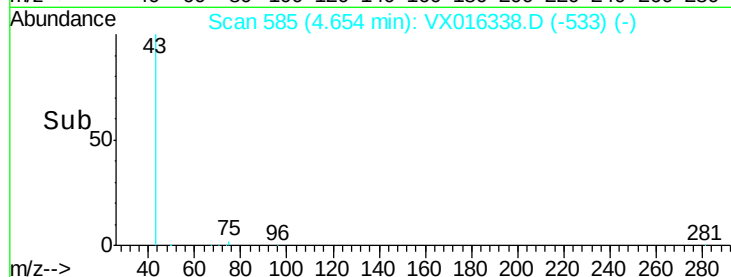
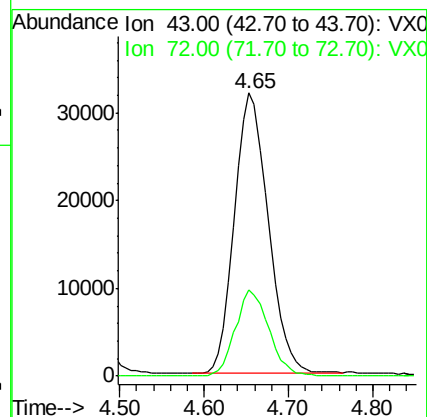
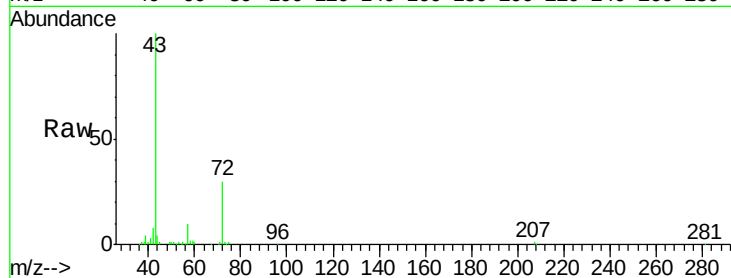




#25
2-Butanone
Concen: 37.242 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

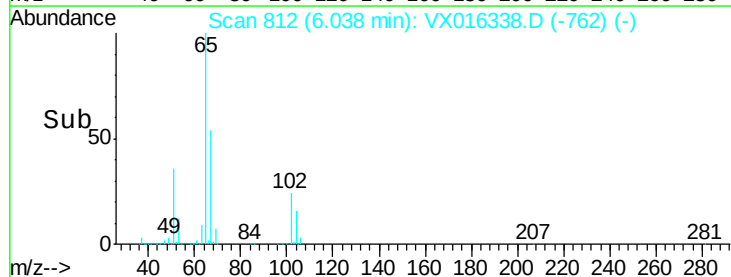
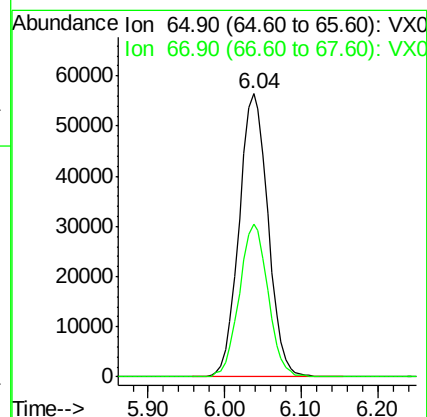
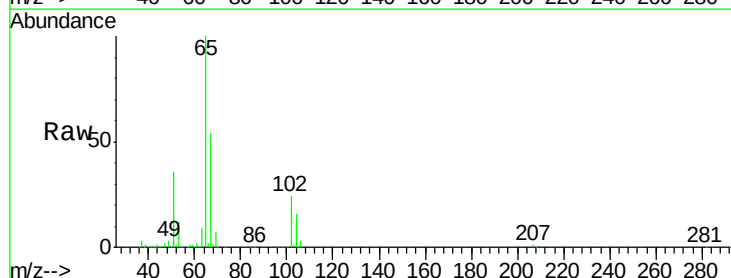
Instrument :
MSVOA_X
ClientSampleId :
102

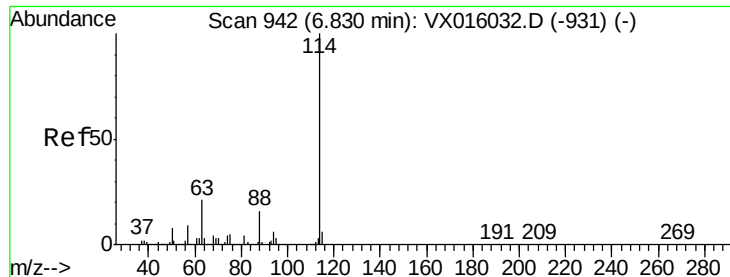
Tot Ion: 43 Resp: 87204
Ion Ratio Lower Upper
43 100
72 30.7 21.8 32.8



#33
1,2-Dichloroethane-d4
Concen: 45.475 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion: 65 Resp: 148097
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

102

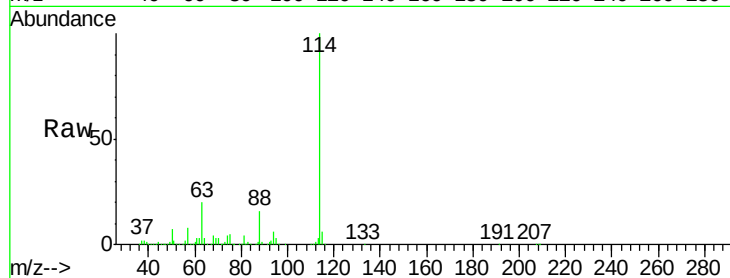
Tot Ion:114 Resp: 419854

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

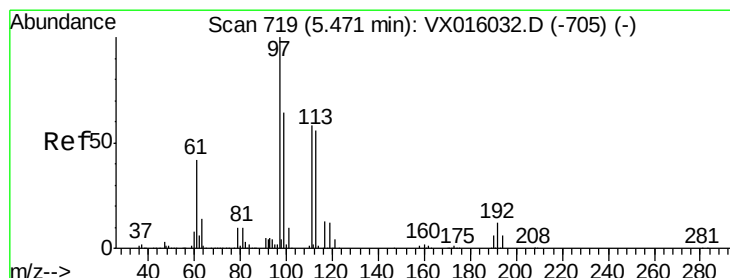
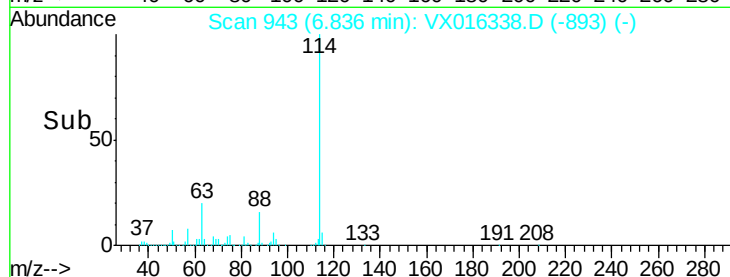
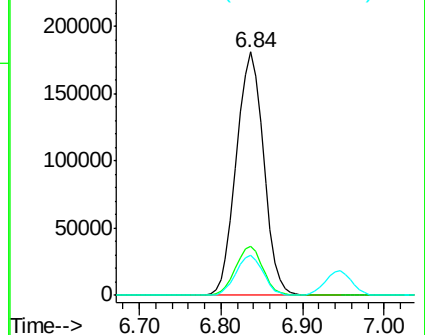
88 16.5 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 46.388 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

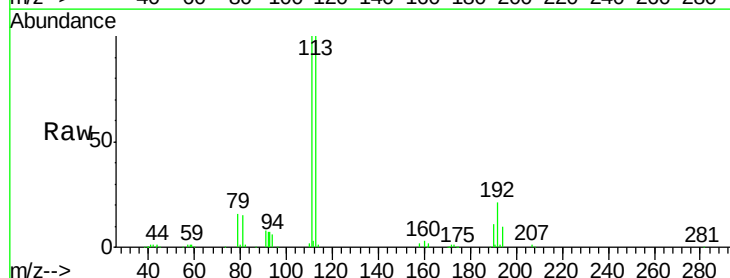
Tgt Ion:113 Resp: 123389

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

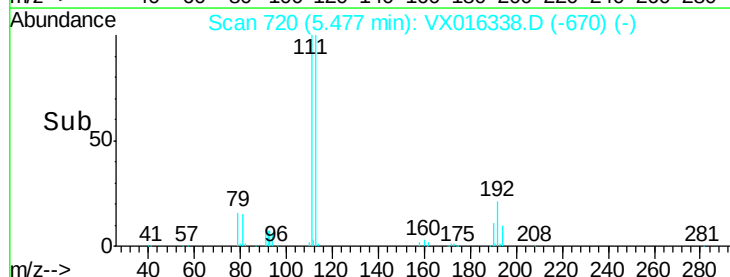
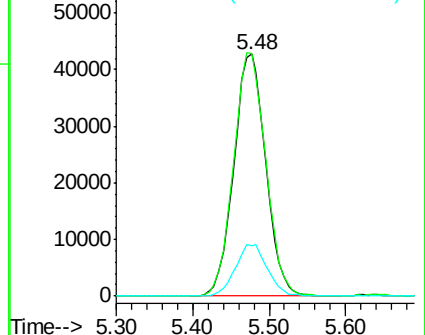
192 21.2 17.0 25.4

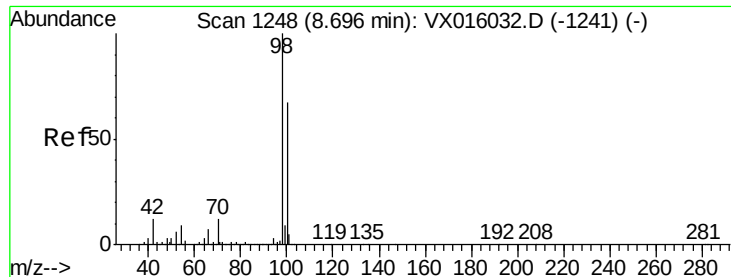


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

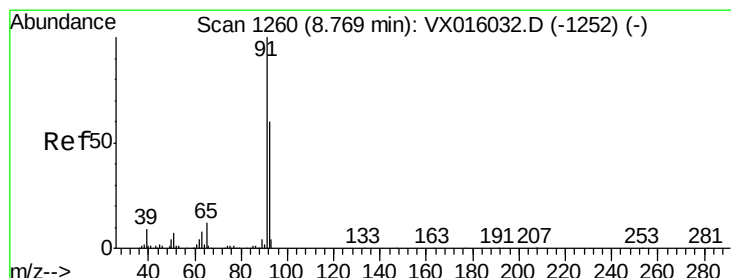
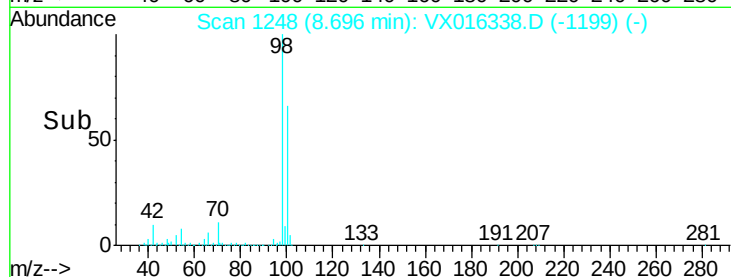
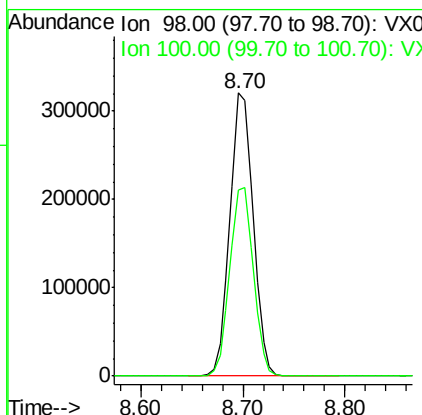
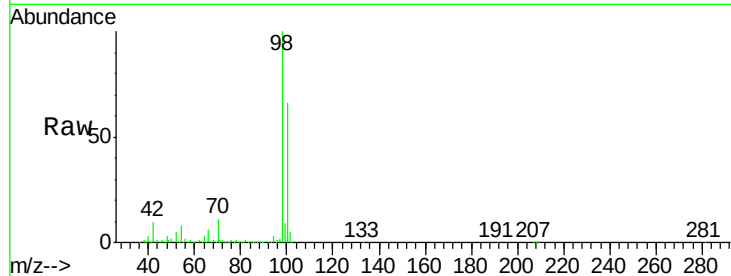




#50
Toluene-d8
Concen: 49.204 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

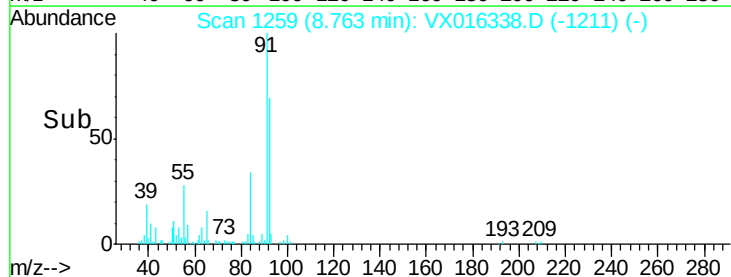
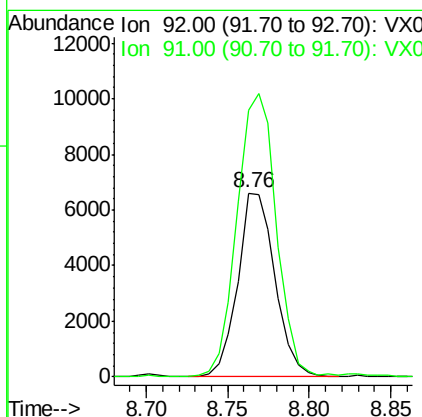
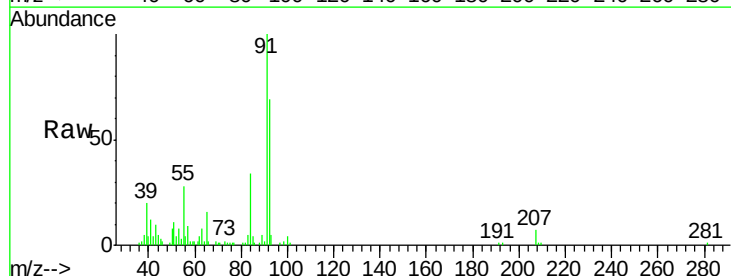
Instrument :
MSVOA_X
ClientSampleId :
102

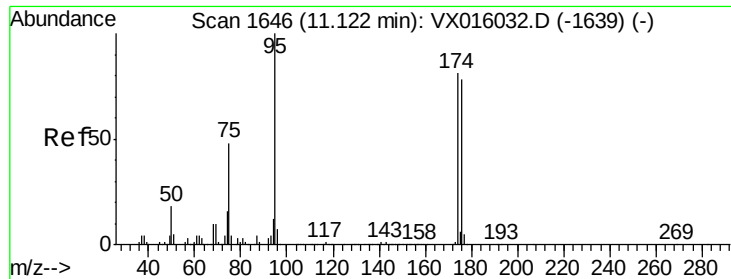
Tot Ion: 98 Resp: 504290
Ion Ratio Lower Upper
98 100
100 67.4 53.7 80.5



#52
Toluene
Concen: 1.388 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016338.D
Acq: 19 May 2020 16:36

Tgt Ion: 92 Resp: 10464
Ion Ratio Lower Upper
92 100
91 163.3 134.5 201.7





#62

4-Bromofluorobenzene

Concen: 50.507 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampled :

102

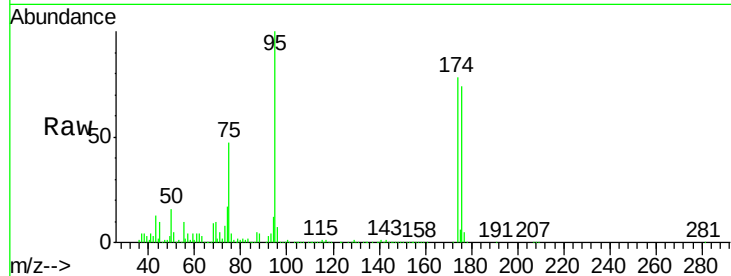
Tot Ion: 95 Resp: 196888

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.4

176 77.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

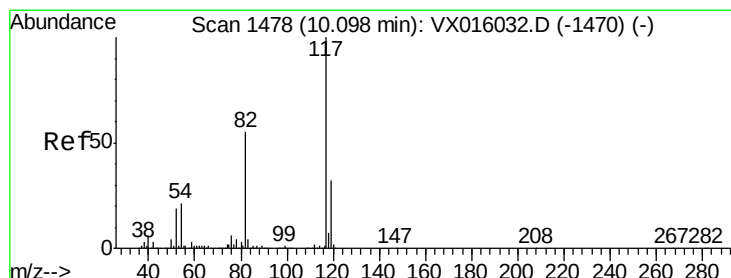
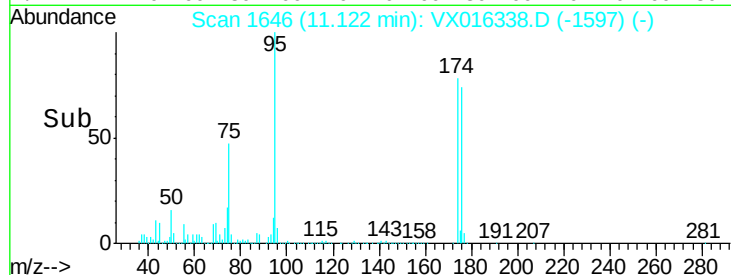
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

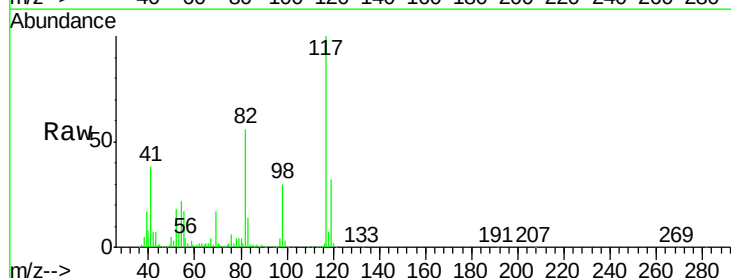
Tgt Ion: 117 Resp: 379353

Ion Ratio Lower Upper

117 100

82 56.1 44.4 66.6

119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.10

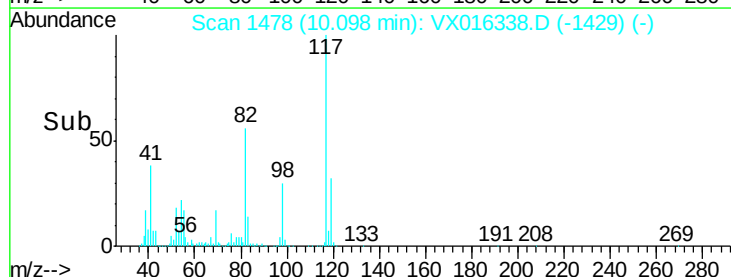
300000

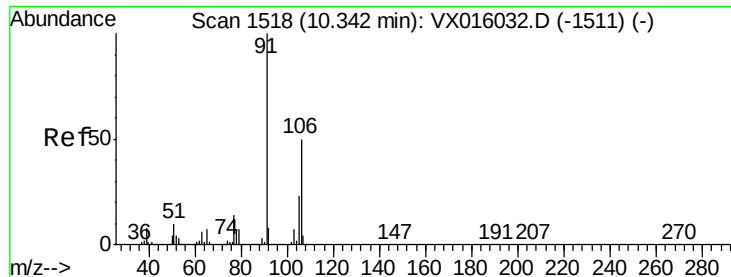
200000

100000

0

Time-->





#68

m/p-Xvlenes

Concen: 0.395 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampled :

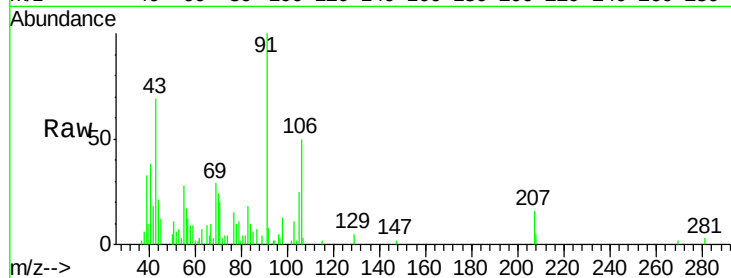
102

Tot Ion:106 Resp: 2098

Ion Ratio Lower Upper

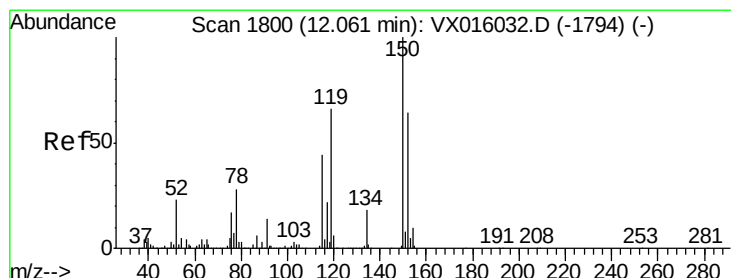
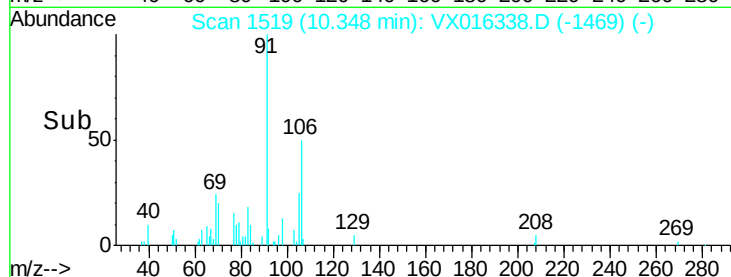
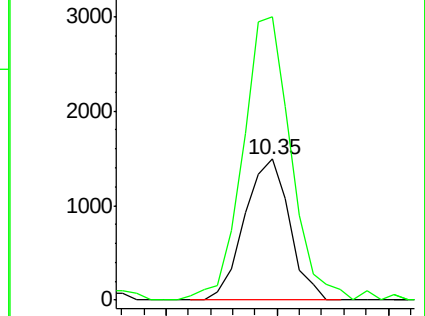
106 100

91 213.6 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

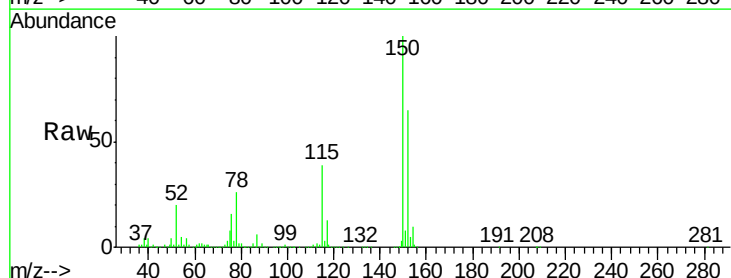
Tgt Ion:152 Resp: 201289

Ion Ratio Lower Upper

152 100

115 59.3 41.3 124.1

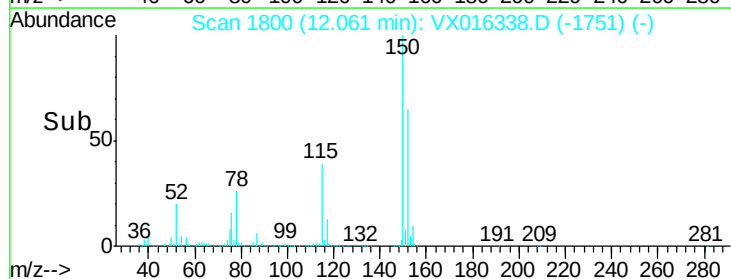
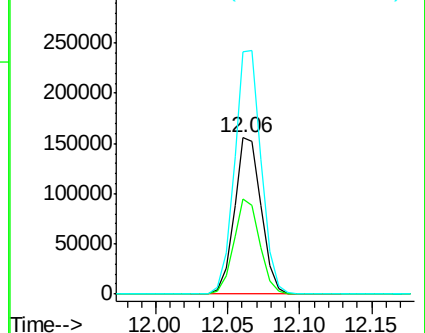
150 155.8 0.0 352.2

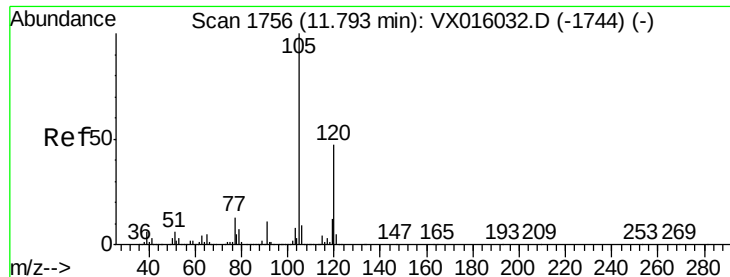


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.576 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

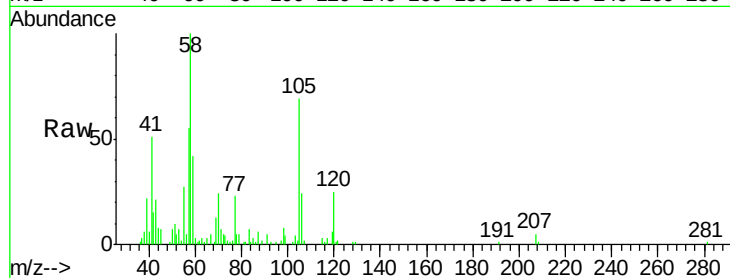
102

Tot Ion:105 Resp: 7199

Ion Ratio Lower Upper

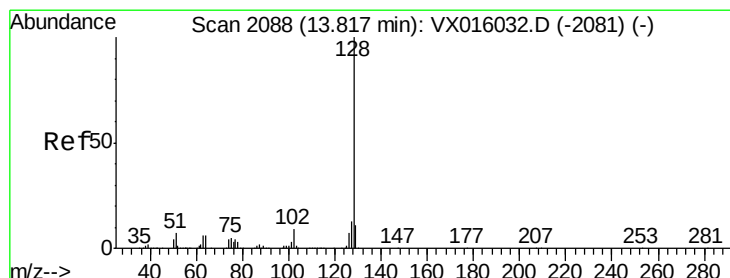
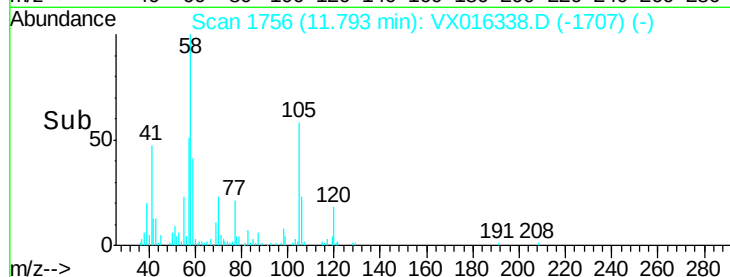
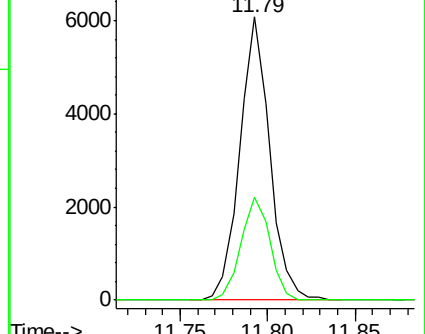
105 100

120 35.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.685 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016338.D

Acq: 19 May 2020 16:36

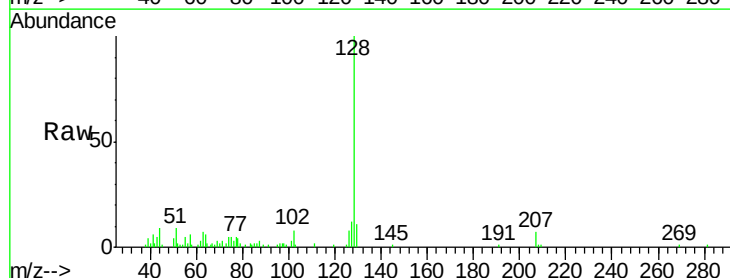
Tgt Ion:128 Resp: 10722

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

