

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016259.D
 Acq On : 15 May 2020 02:58
 Operator : JC/SP
 Sample : L2501-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-051320

Quant Time: May 15 06:12:51 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	242554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	399918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	147565	46.23	ug/l	0.00
Spiked Amount						
			Recovery	=	92.46%	
35) Dibromofluoromethane	5.47	113	119109	47.01	ug/l	0.00
Spiked Amount						
			Recovery	=	94.02%	
50) Toluene-d8	8.70	98	499632	51.18	ug/l	0.00
Spiked Amount						
			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.12	95	201065	54.15	ug/l	0.00
Spiked Amount						
			Recovery	=	108.30%	

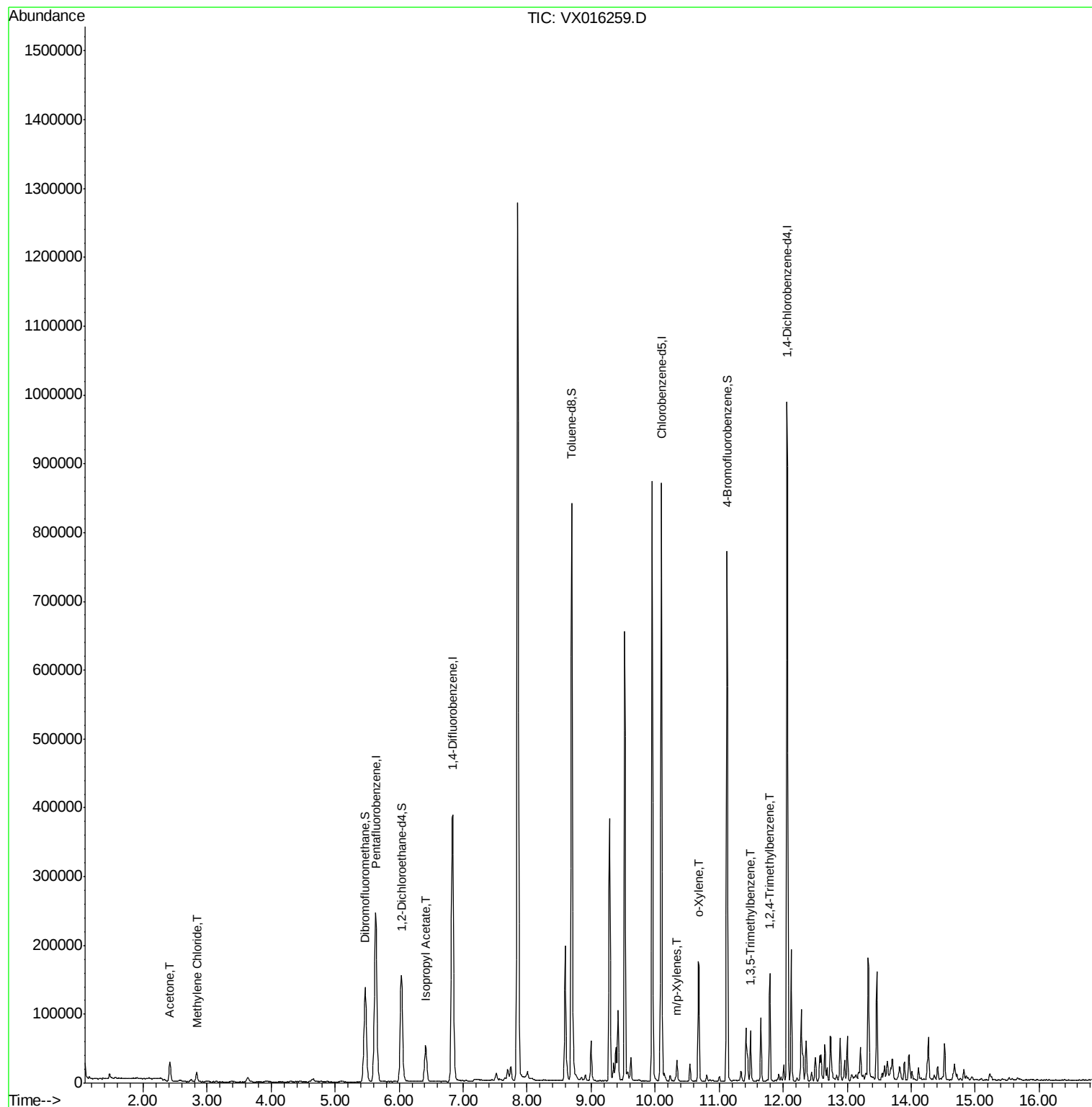
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	28757	20.193	ug/l	100
20) Methylene Chloride	2.84	84	6544	2.229	ug/l	99
43) Isopropyl Acetate	6.42	43	71410	9.809	ug/l	99
68) m/p-Xylenes	10.34	106	6671	1.206	ug/l	96
69) o-Xylene	10.68	106	14282	2.686	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	32066	2.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	66884	5.256	ug/l	99

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

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Quant Title : SW846 8260
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: VX016259.D

Acq: 15 May 2020 02:58

Instrument :

MSVOA_X

ClientSampleId :

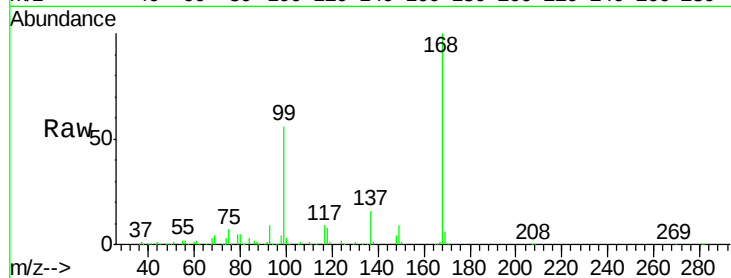
EO-01-051320

Tot Ion:168 Resp: 242554

Ion Ratio Lower Upper

168 100

99 55.8 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

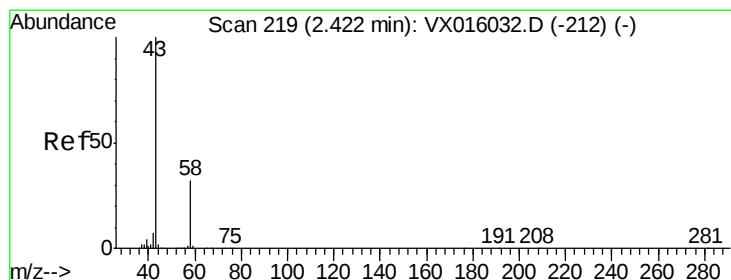
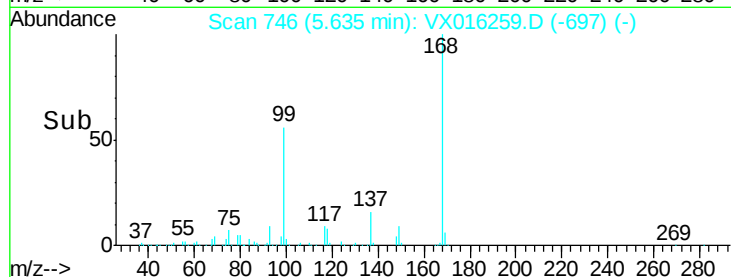
40000

20000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 20.193 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016259.D

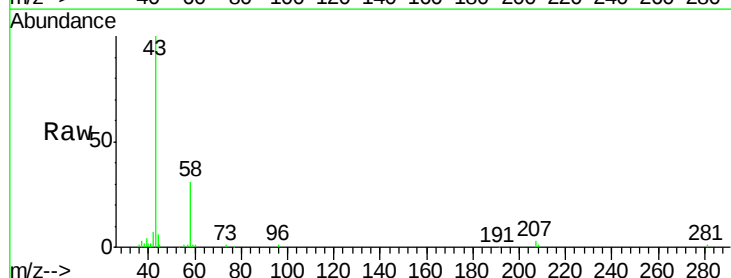
Acq: 15 May 2020 02:58

Tgt Ion: 43 Resp: 28757

Ion Ratio Lower Upper

43 100

58 31.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

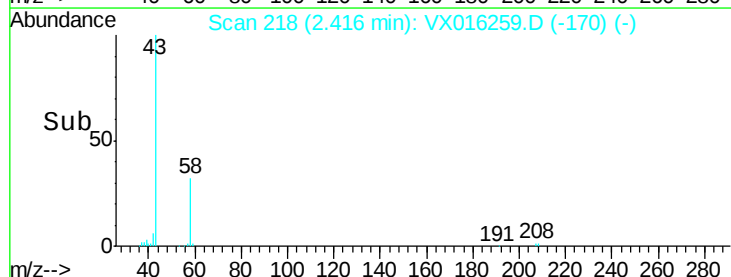
10000

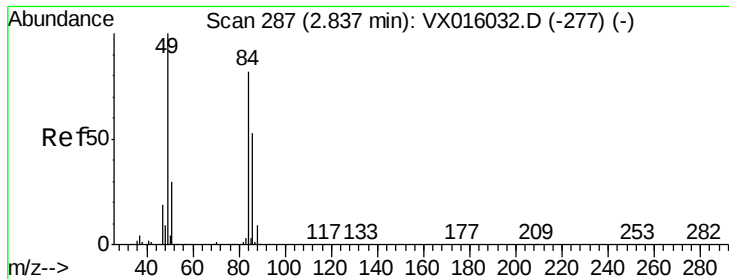
5000

0

2.30 2.40 2.50

Time-->

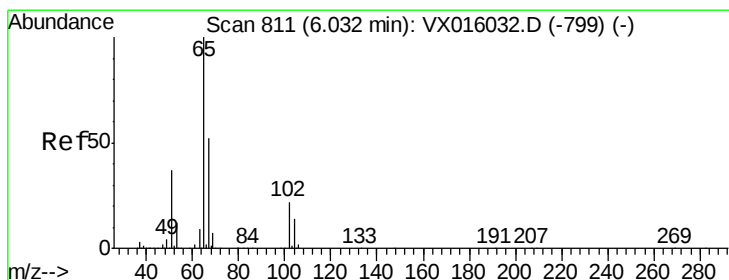
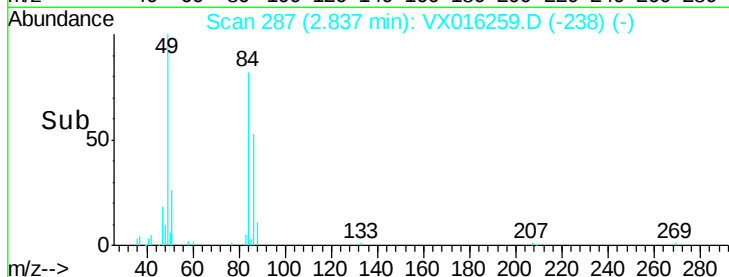
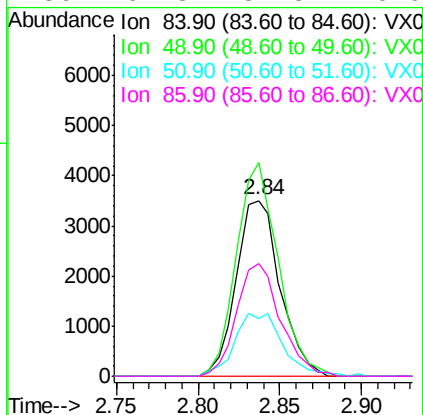
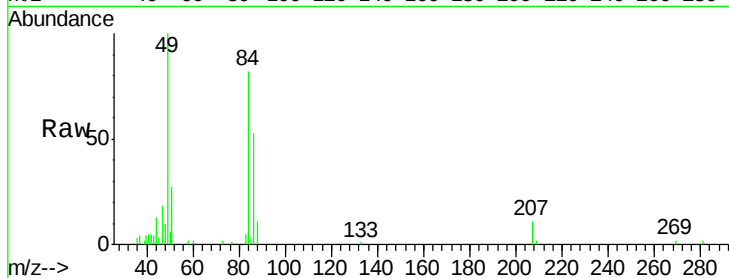




#20
Methvlene Chloride
Concen: 2.229 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016259.D
Acq: 15 May 2020 02:58

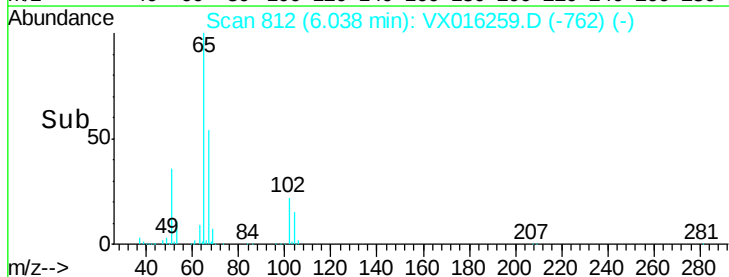
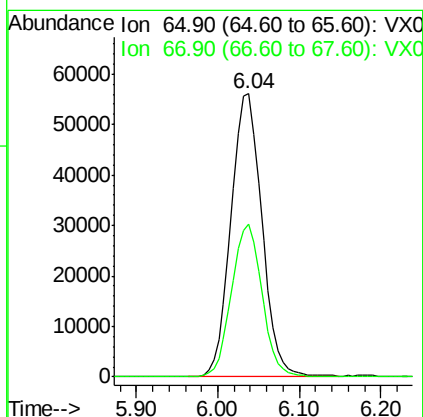
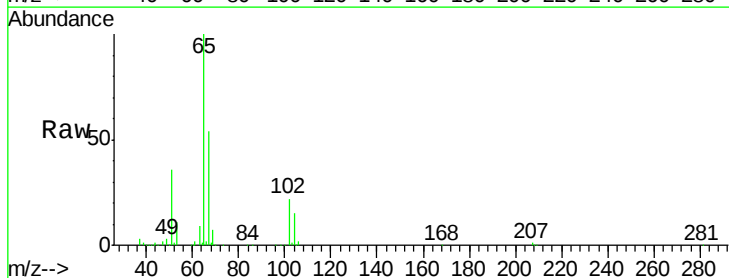
Instrument :
MSVOA_X
ClientSampleId :
EO-01-051320

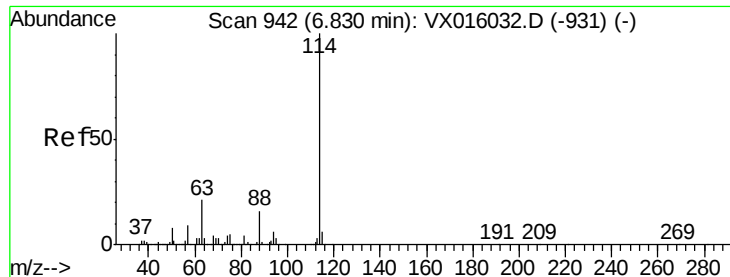
Tot Ion:	84	Resp:	6544
Ion	Ratio	Lower	Upper
84	100		
49	121.6	97.3	145.9
51	33.1	29.3	43.9
86	64.3	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 46.233 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016259.D
Acq: 15 May 2020 02:58

Tgt Ion:	65	Resp:	147565
Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VX016259.D

Acq: 15 May 2020 02:58

Instrument :

MSVOA_X

ClientSampleId :

EO-01-051320

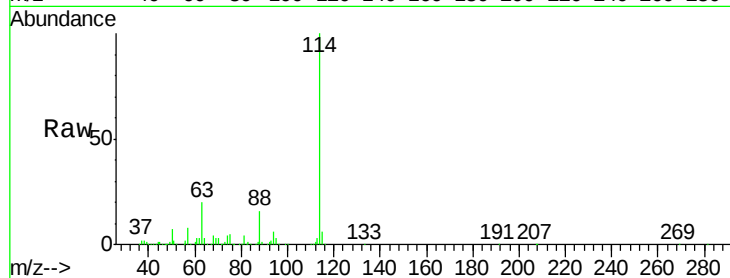
Tot Ion:114 Resp: 399918

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

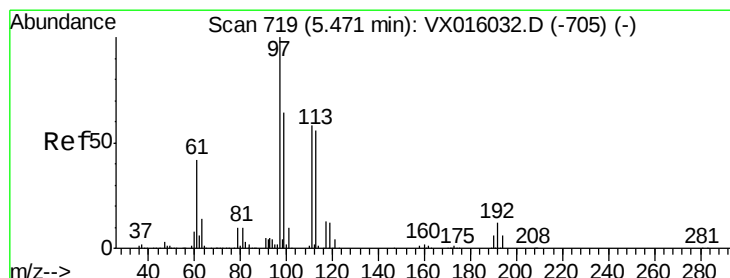
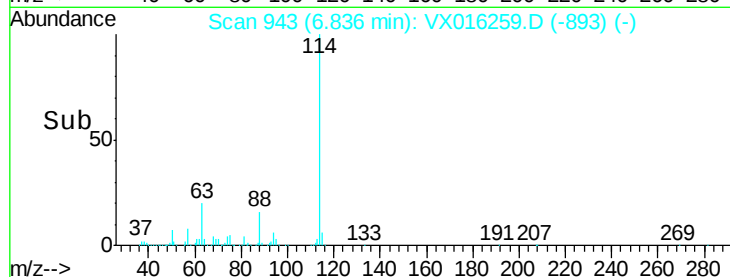
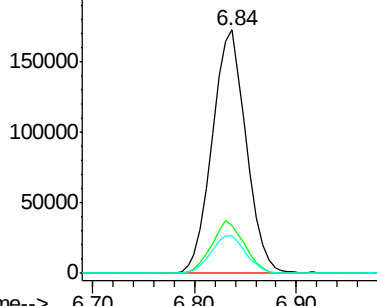
88 15.6 0.0 31.4



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: 47.011 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016259.D

Acq: 15 May 2020 02:58

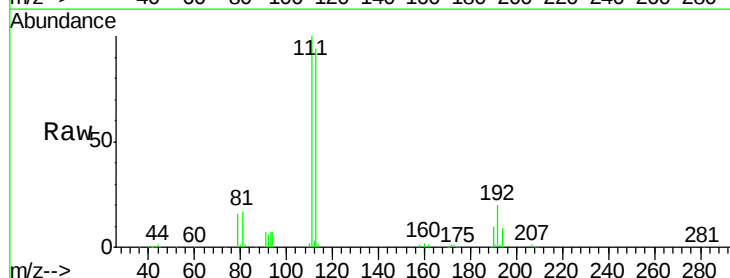
Tgt Ion:113 Resp: 119109

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

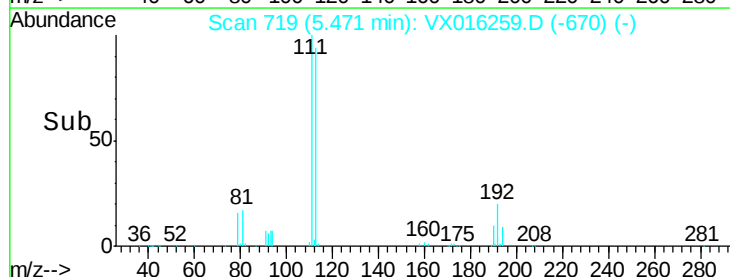
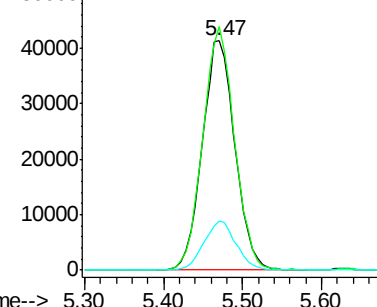
192 20.9 17.0 25.4

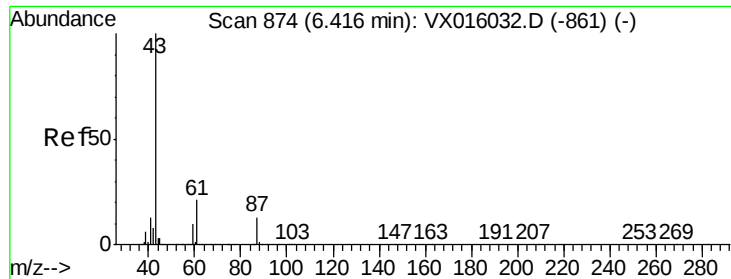


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.809 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016259.D

Acq: 15 May 2020 02:58

Instrument :

MSVOA_X

ClientSampleId :

EO-01-051320

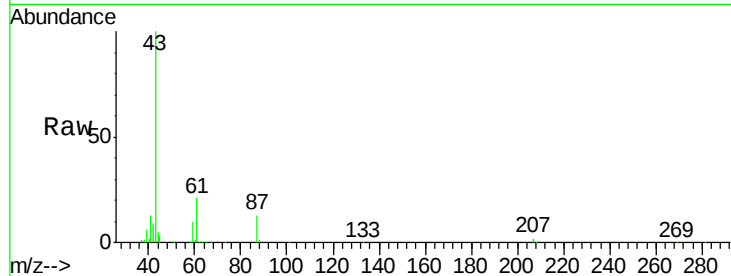
Tot Ion: 43 Resp: 71410

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

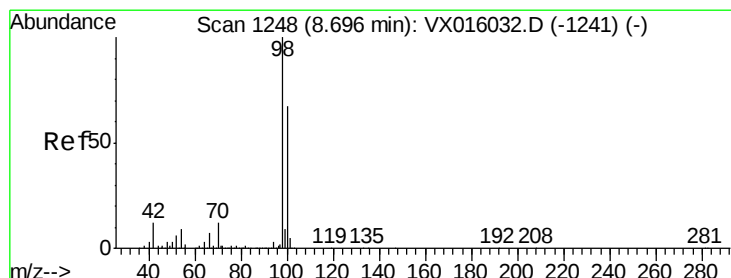
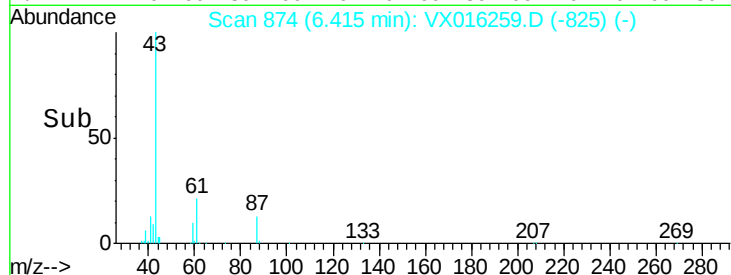
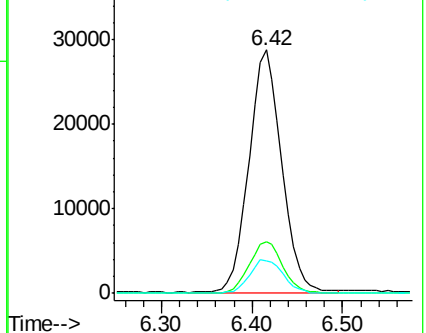
87 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.180 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016259.D

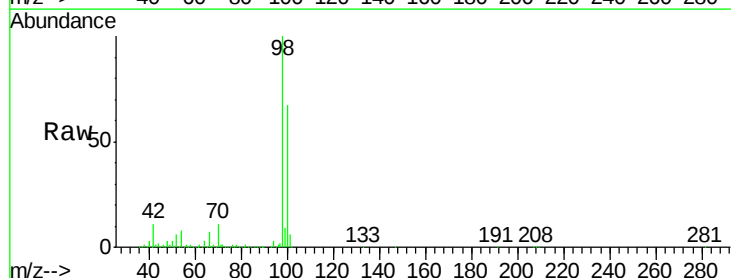
Acq: 15 May 2020 02:58

Tgt Ion: 98 Resp: 499632

Ion Ratio Lower Upper

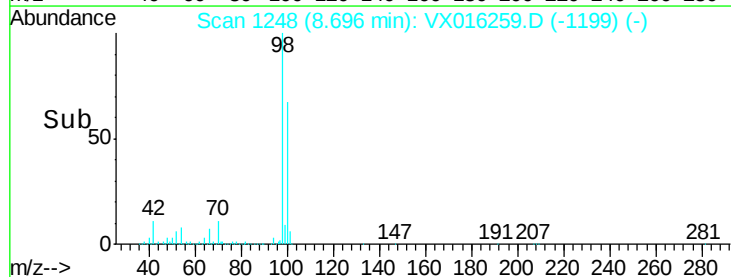
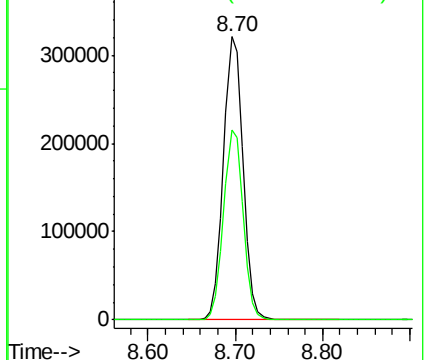
98 100

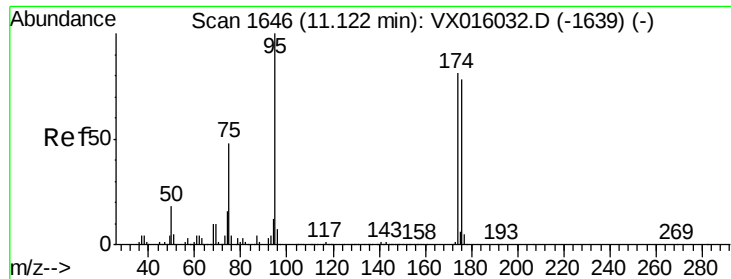
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.150 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016259.D

Acq: 15 May 2020 02:58

Instrument :

MSVOA_X

ClientSampleId :

EO-01-051320

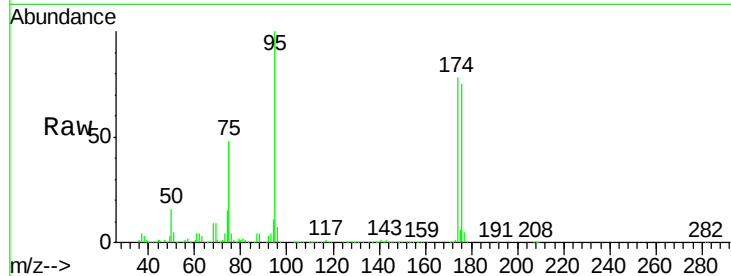
Tot Ion: 95 Resp: 201065

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

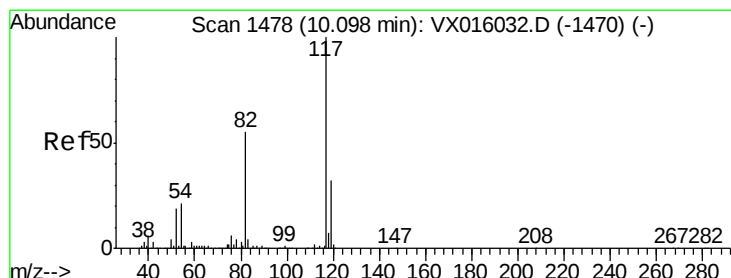
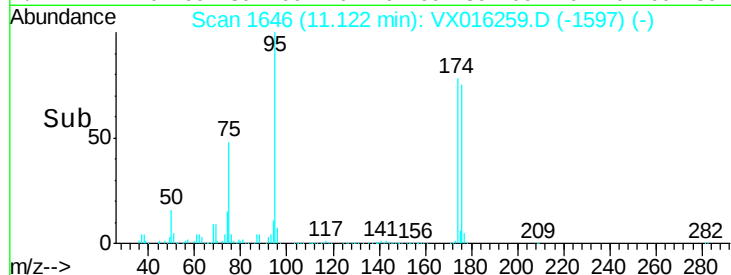
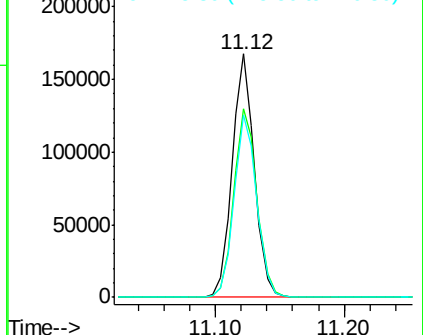
176 76.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016259.D

Acq: 15 May 2020 02:58

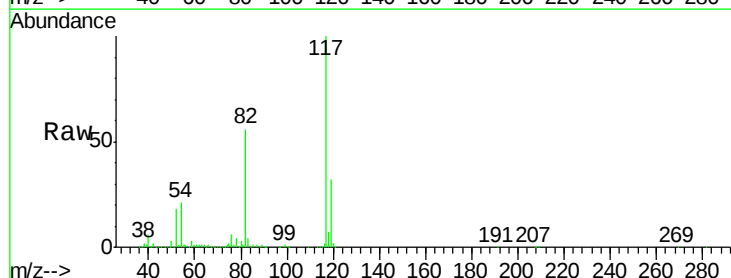
Tgt Ion: 117 Resp: 395168

Ion Ratio Lower Upper

117 100

82 55.9 44.4 66.6

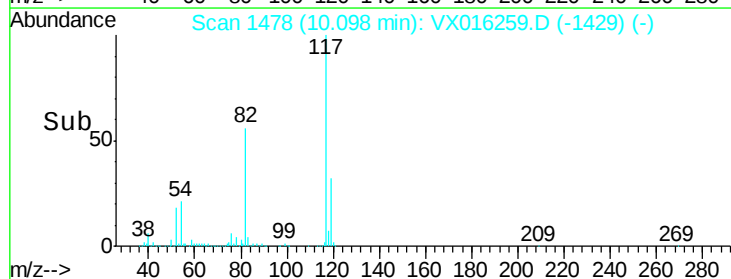
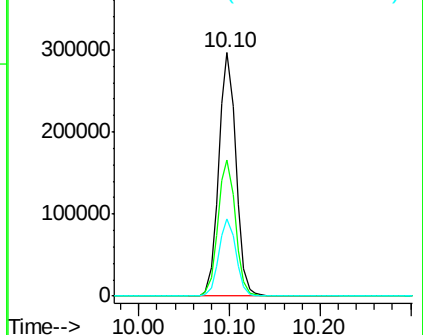
119 31.9 25.5 38.3

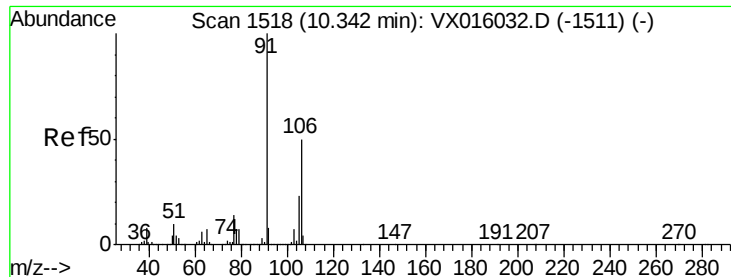


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#68

m/p-Xylenes

Concen: 1.206 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016259.D

Acq: 15 May 2020 02:58

Instrument :

MSVOA_X

ClientSampleId :

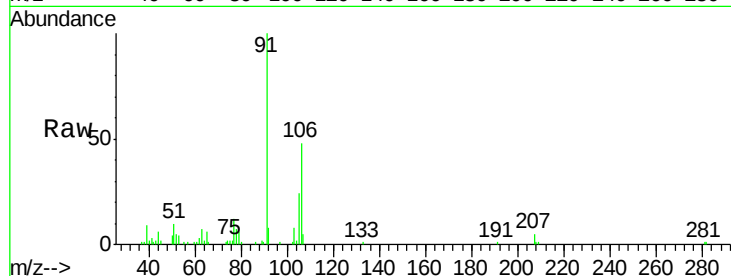
EO-01-051320

Tot Ion:106 Resp: 6671

Ion Ratio Lower Upper

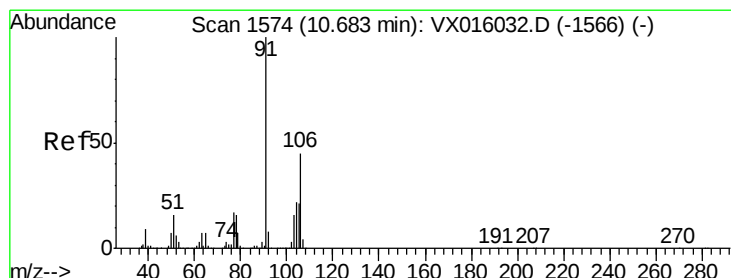
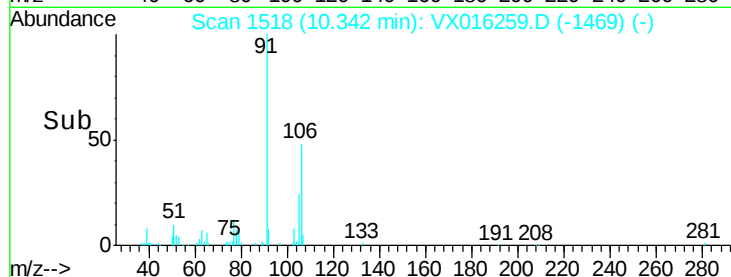
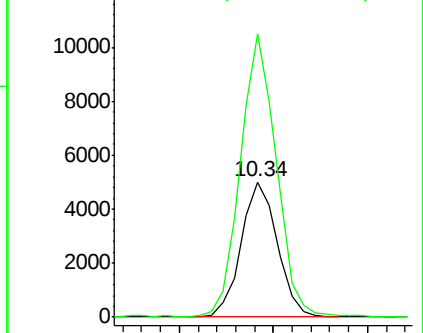
106 100

91 208.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.686 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016259.D

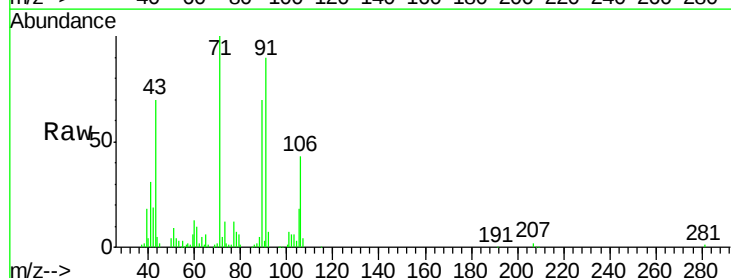
Acq: 15 May 2020 02:58

Tgt Ion:106 Resp: 14282

Ion Ratio Lower Upper

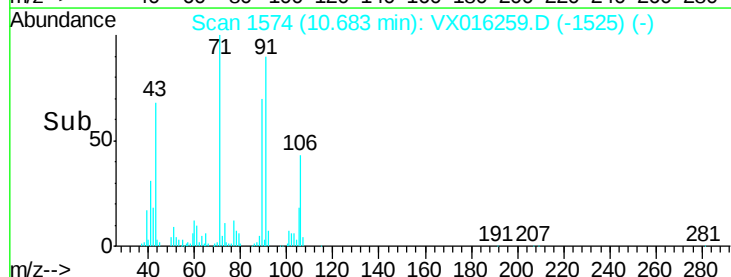
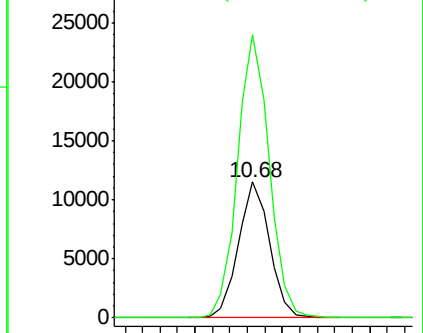
106 100

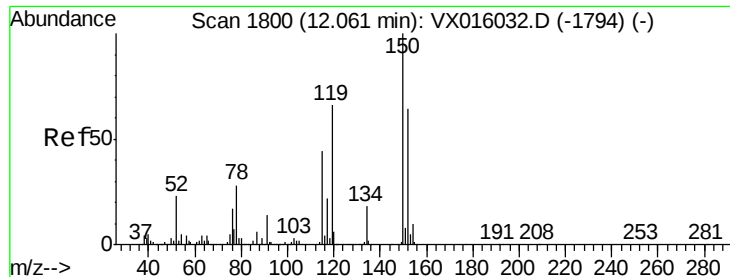
91 211.2 107.5 322.6



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: VX016259.D

Acq: 15 May 2020 02:58

Instrument :

MSVOA_X

ClientSampleId :

EO-01-051320

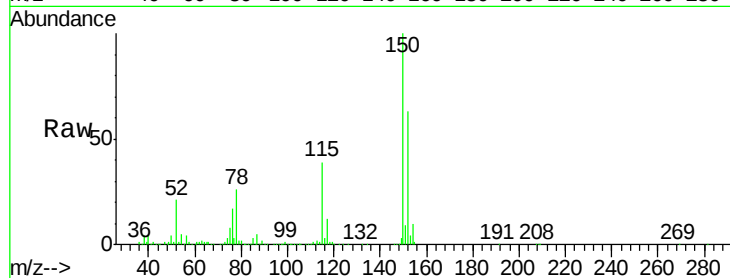
Tot Ion:152 Resp: 204977

Ion Ratio Lower Upper

152 100

115 59.5 41.3 124.1

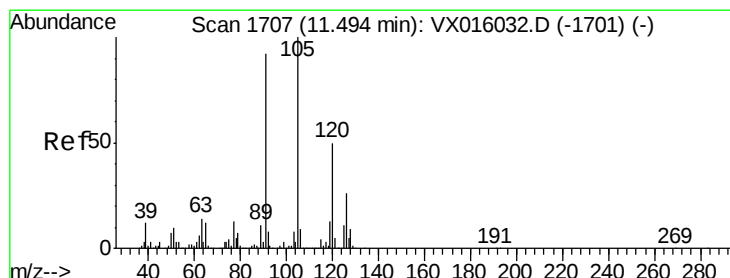
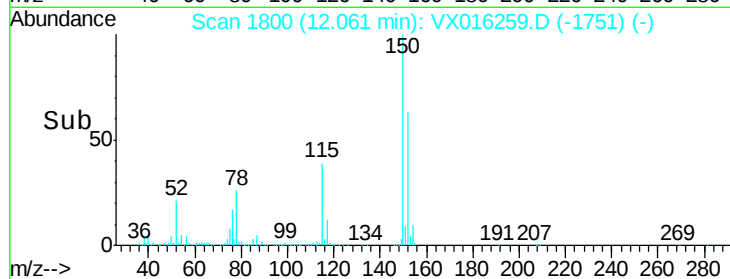
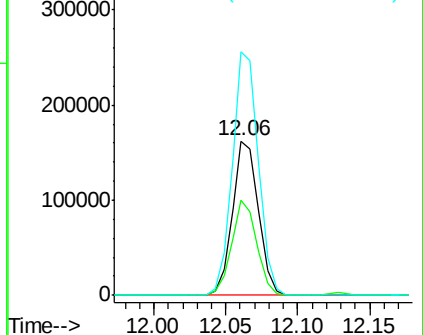
150 157.8 0.0 352.2



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



#80

1,3,5-Trimethylbenzene

Concen: 2.547 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016259.D

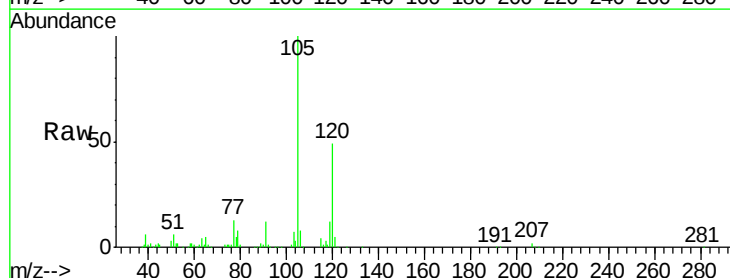
Acq: 15 May 2020 02:58

Tgt Ion:105 Resp: 32066

Ion Ratio Lower Upper

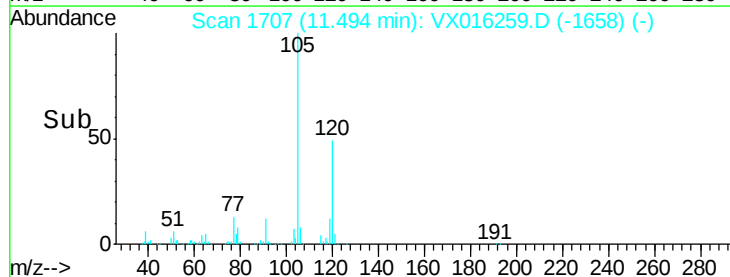
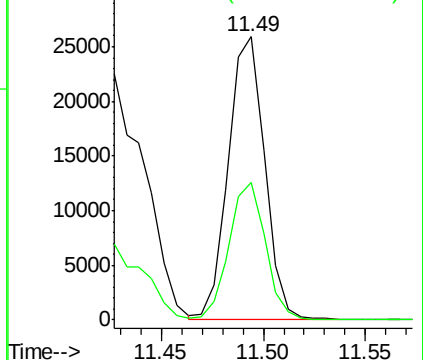
105 100

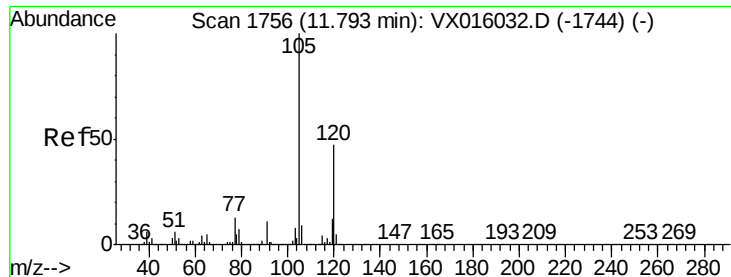
120 48.4 24.6 74.0



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: 5.256 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016259.D
 Acq: 15 May 2020 02:58

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-051320

Tot Ion:105 Resp: 66884
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0

