

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015912.D
 Acq On : 24 Apr 2020 00:11
 Operator : JC/SP
 Sample : L2362-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31005

Quant Time: Apr 24 08:14:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	846745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1286986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1251063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	727250	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	476203	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	5.47	113	378630	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
50) Toluene-d8	8.70	98	1555277	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.12	95	657560	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	

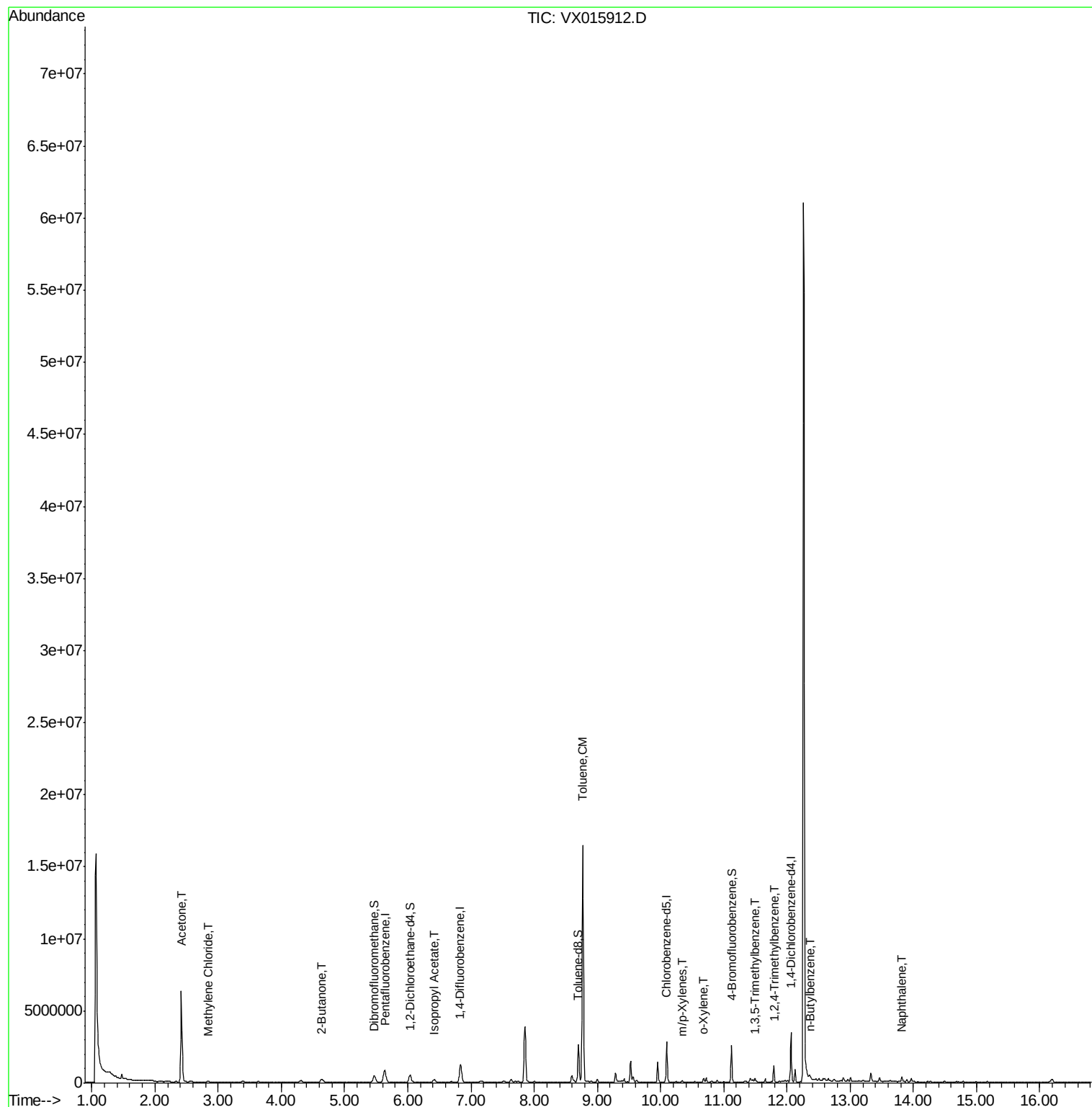
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	6694692	1596.498	ug/l	99
20) Methylene Chloride	2.84	84	39719	4.666	ug/l	97
25) 2-Butanone	4.64	43	380873	57.464	ug/l	99
43) Isopropyl Acetate	6.42	43	239404	10.452	ug/l	98
52) Toluene	8.77	92	6331388	287.448	ug/l	96
68) m/p-Xylenes	10.34	106	21268	1.290	ug/l	99
69) o-Xylene	10.68	106	17981	1.108	ug/l	92
80) 1,3,5-Trimethylbenzene	11.49	105	93077	2.363	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	488269	11.942	ug/l	98
89) n-Butylbenzene	12.37	91	40009	1.039	ug/l #	48
95) Naphthalene	13.82	128	210011	4.217	ug/l	98

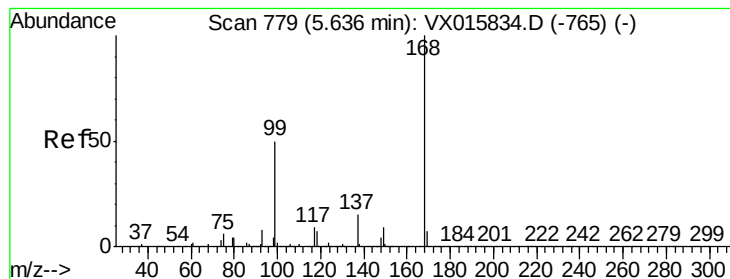
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

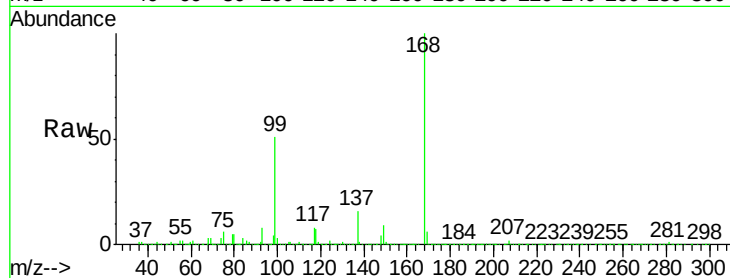
31005

Tot Ion:168 Resp: 846745

Ion Ratio Lower Upper

168 100

99 50.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

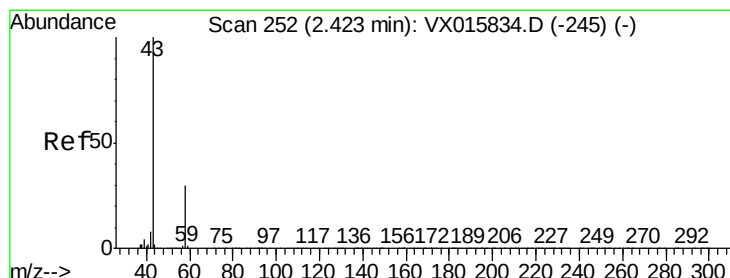
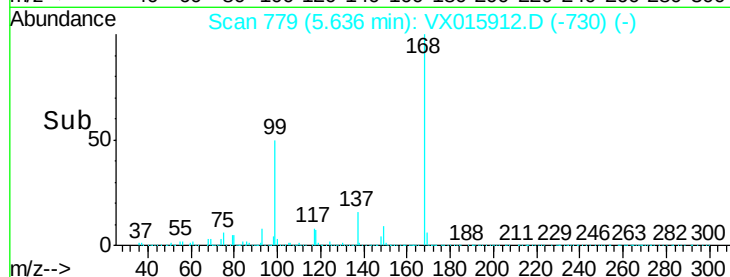
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1596.498 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015912.D

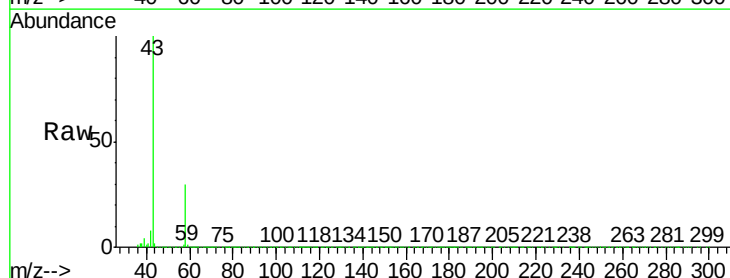
Acq: 24 Apr 2020 00:11

Tgt Ion: 43 Resp: 6694692

Ion Ratio Lower Upper

43 100

58 30.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000000

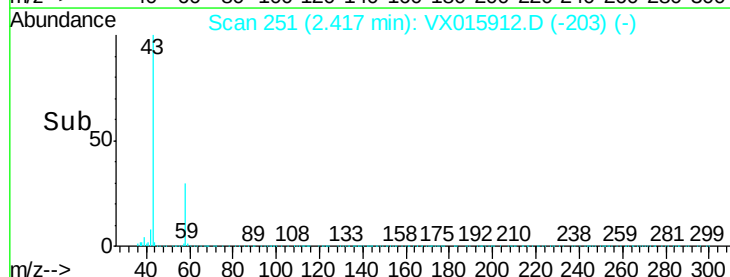
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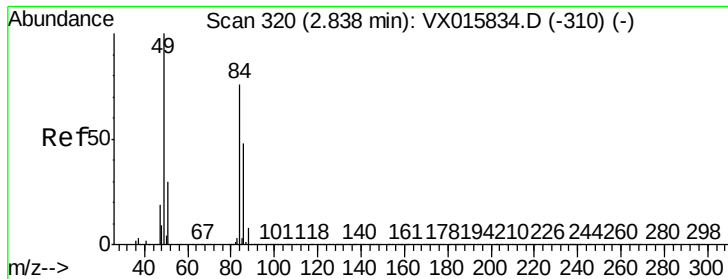
2000000

1000000

0

Time-->

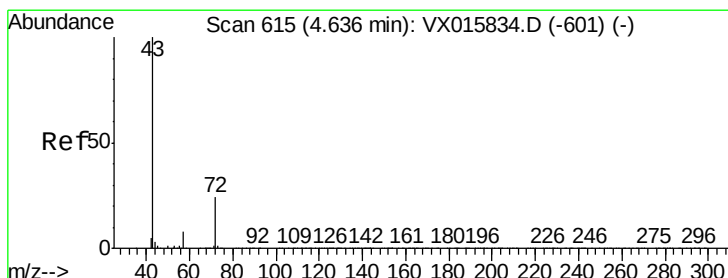
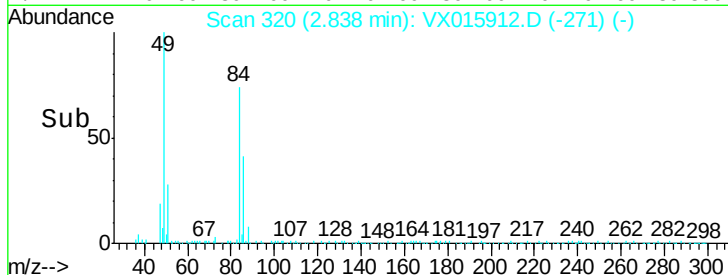
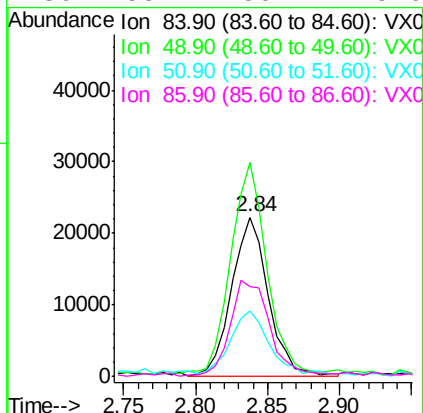
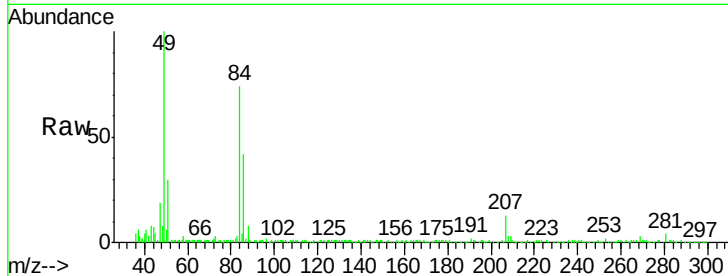




#20
Methylene Chloride
Concen: 4.666 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015912.D
Acq: 24 Apr 2020 00:11

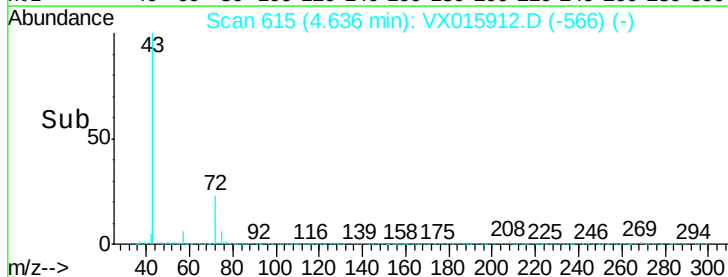
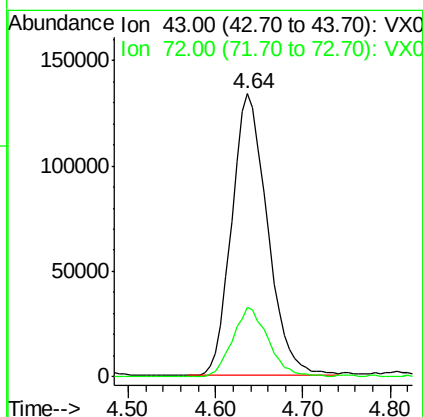
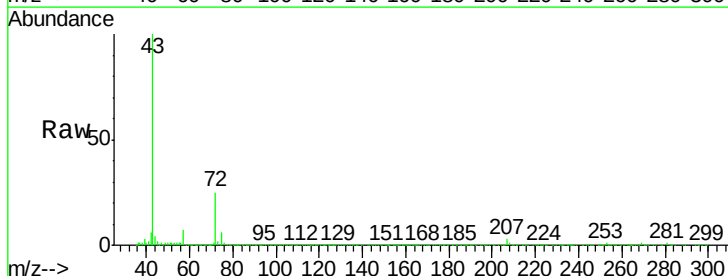
Instrument :
MSVOA_X
ClientSampleId :
31005

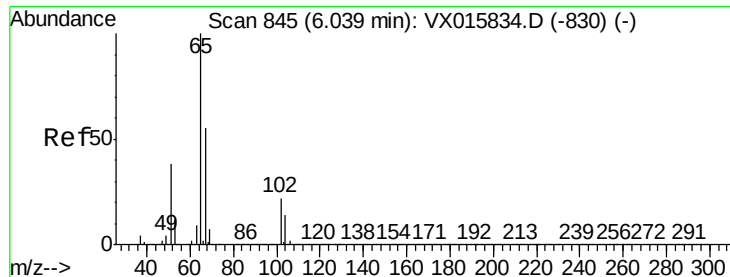
Tot Ion:	84	Resp:	39719
Ion	Ratio	Lower	Upper
84	100		
49	131.6	104.9	157.3
51	38.9	32.0	48.0
86	55.1	50.4	75.6



#25
2-Butanone
Concen: 57.464 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015912.D
Acq: 24 Apr 2020 00:11

Tgt Ion:	43	Resp:	380873
Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 49.447 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

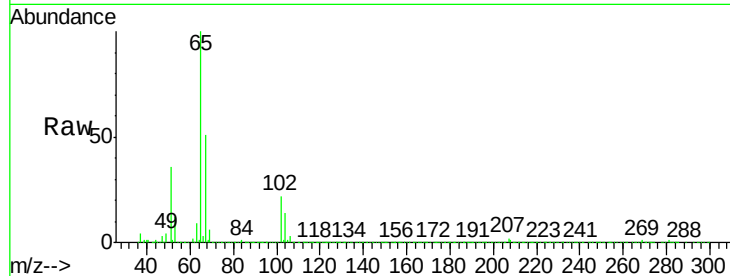
31005

Tot Ion: 65 Resp: 476203

Ion Ratio Lower Upper

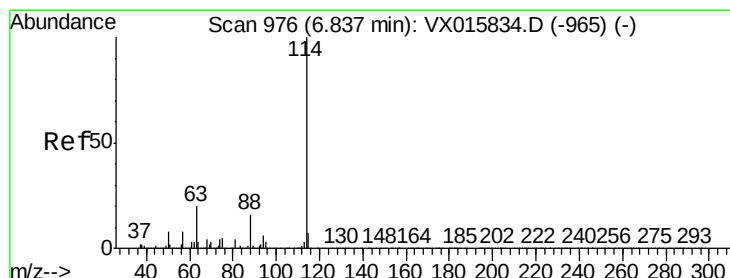
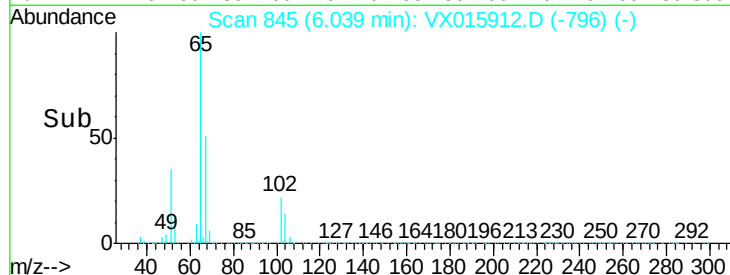
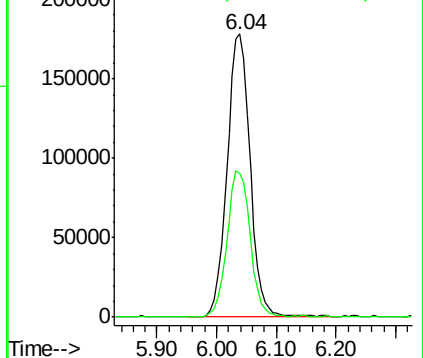
65 100

67 51.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

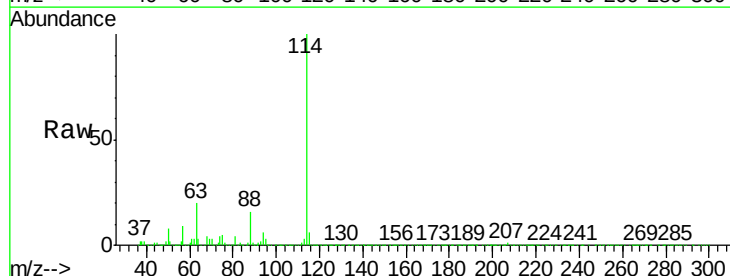
Tgt Ion: 114 Resp: 1286986

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

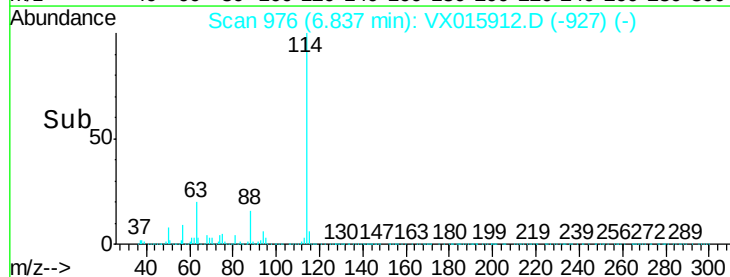
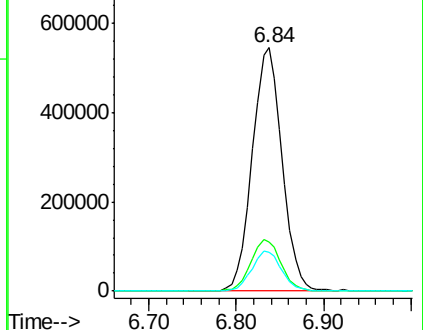
88 15.6 0.0 32.8

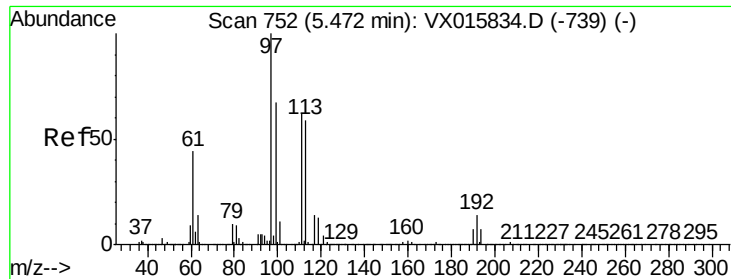


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

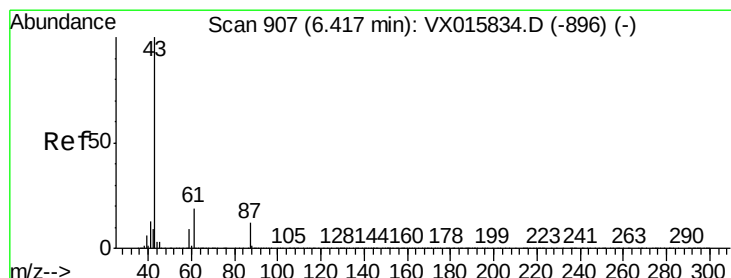
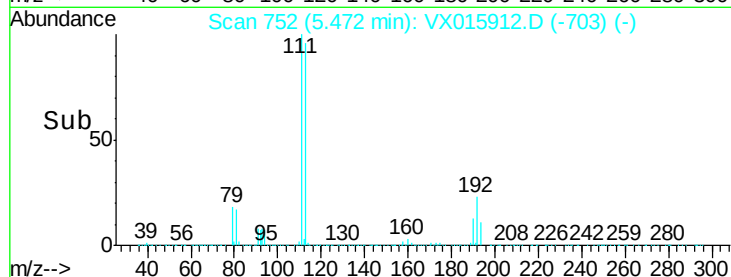
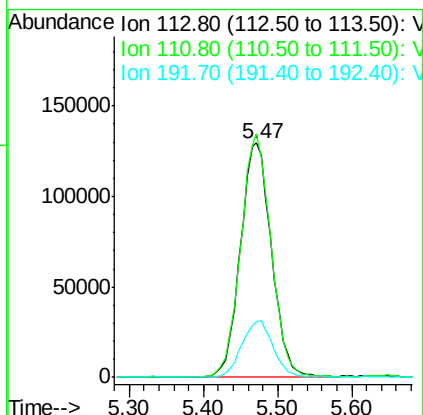
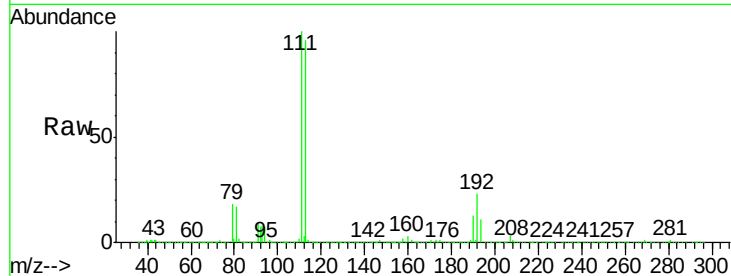




#35
 Dibromofluoromethane
 Concen: 50.968 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015912.D
 Acq: 24 Apr 2020 00:11

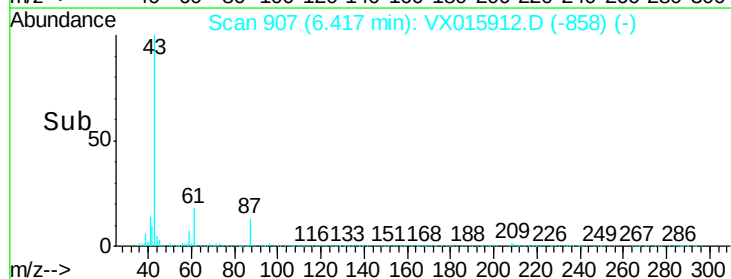
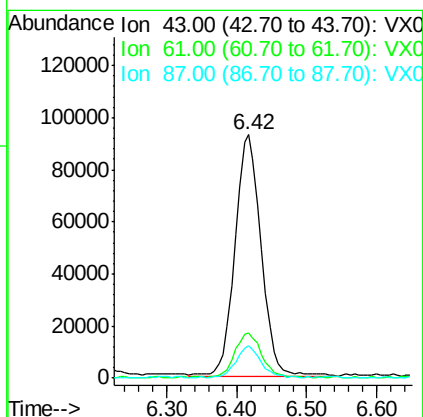
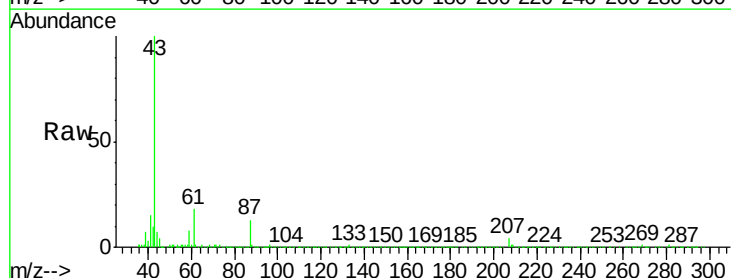
Instrument :
 MSVOA_X
 ClientSampleId :
 31005

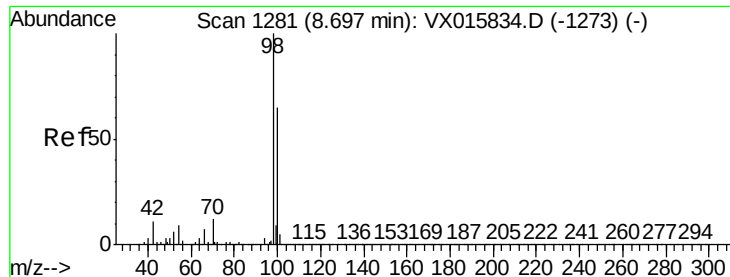
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.7	124.1
192	23.8	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 10.452 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015912.D
 Acq: 24 Apr 2020 00:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.2
87	12.9	9.8	14.6

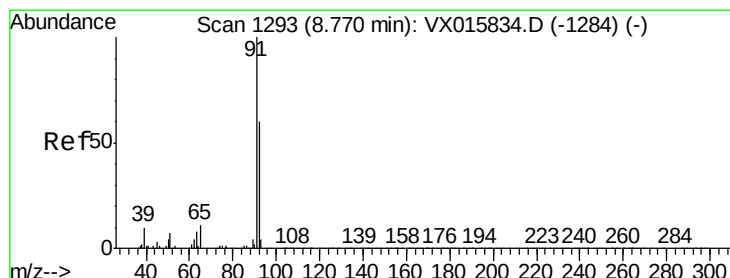
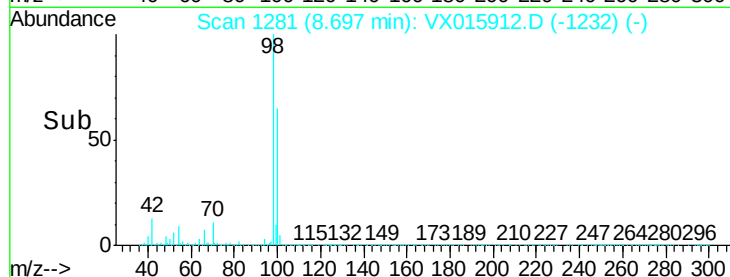
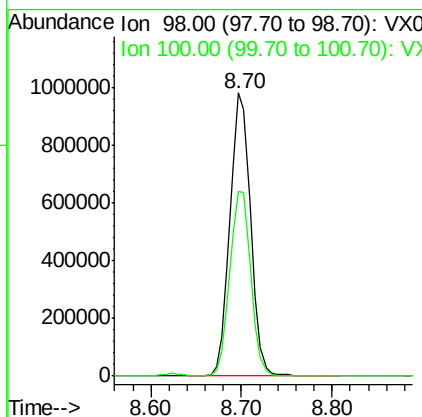
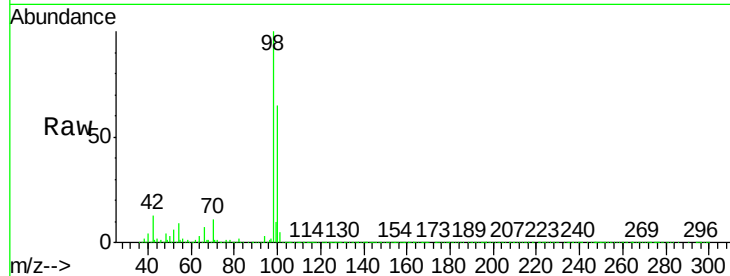




#50
Toluene-d8
Concen: 52.006 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015912.D
Acq: 24 Apr 2020 00:11

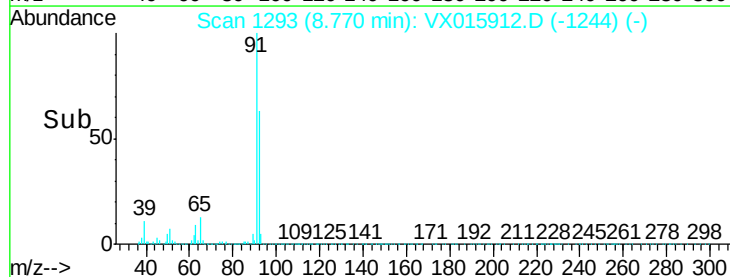
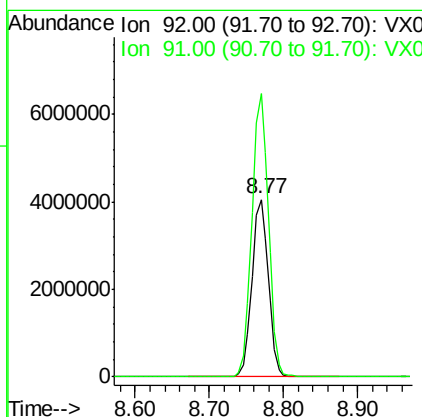
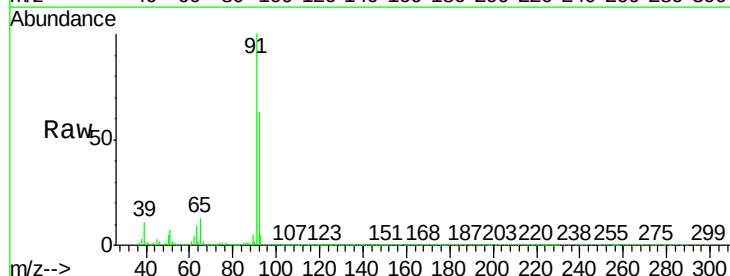
Instrument :
MSVOA_X
ClientSampled :
31005

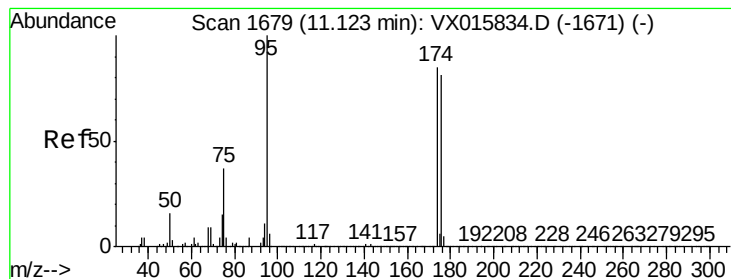
Tot Ion: 98 Resp: 1555277
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#52
Toluene
Concen: 287.448 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015912.D
Acq: 24 Apr 2020 00:11

Tgt Ion: 92 Resp: 6331388
Ion Ratio Lower Upper
92 100
91 160.8 133.4 200.0





#62

4-Bromofluorobenzene

Concen: 53.599 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

31005

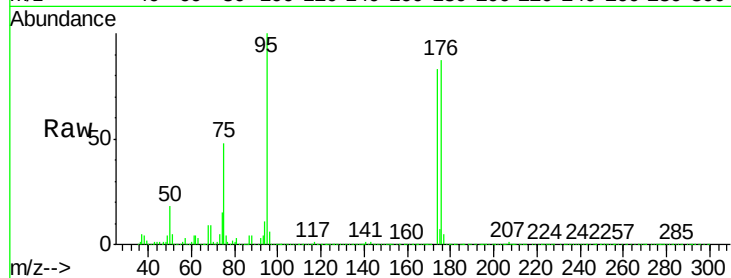
Tot Ion: 95 Resp: 657560

Ion Ratio Lower Upper

95 100

174 85.2 0.0 172.4

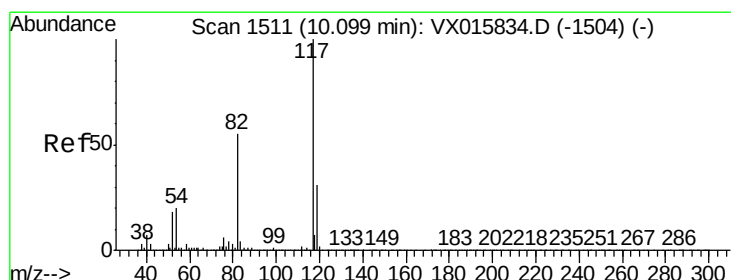
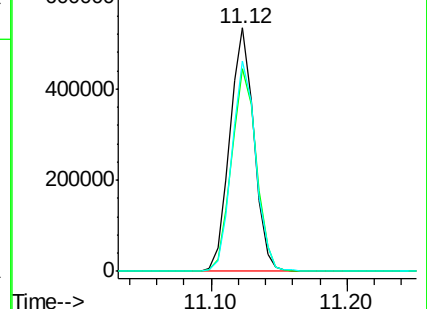
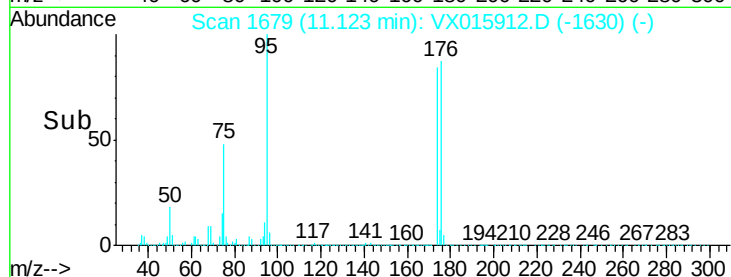
176 85.6 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX015912.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015912.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015912.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

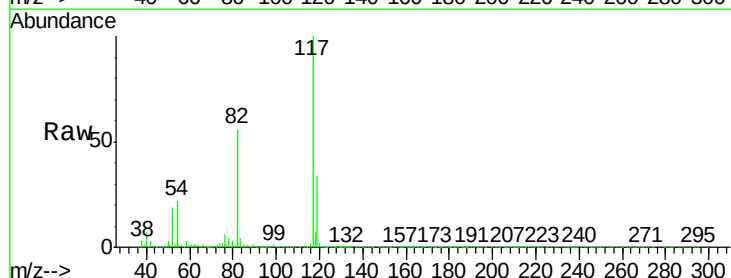
Tgt Ion: 117 Resp: 1251063

Ion Ratio Lower Upper

117 100

82 56.0 43.9 65.9

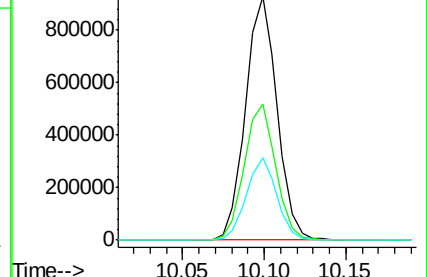
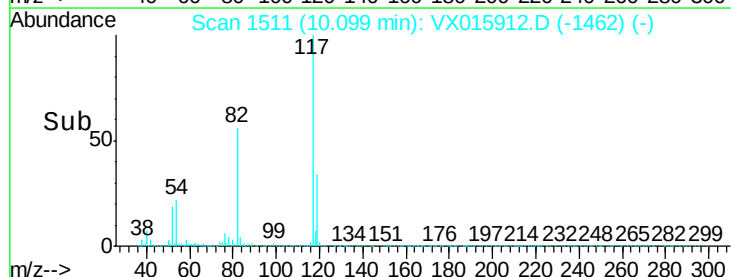
119 33.6 25.1 37.7

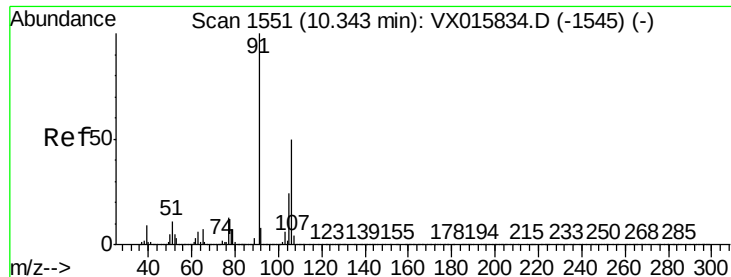


Abundance Ion 116.90 (116.60 to 117.60): VX015912.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015912.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015912.D (-1462) (-)

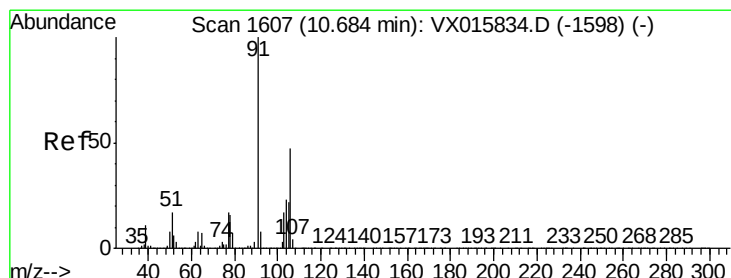
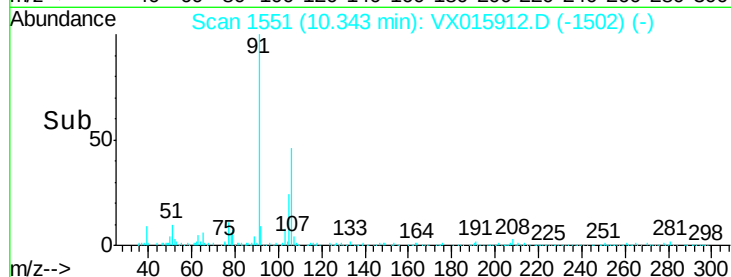
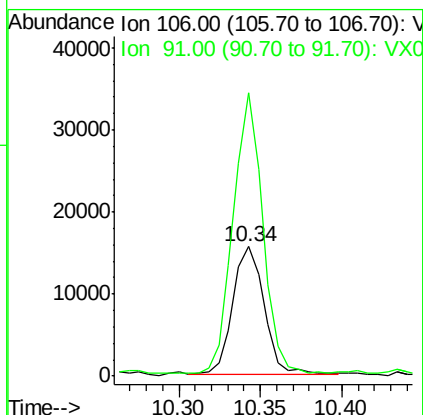
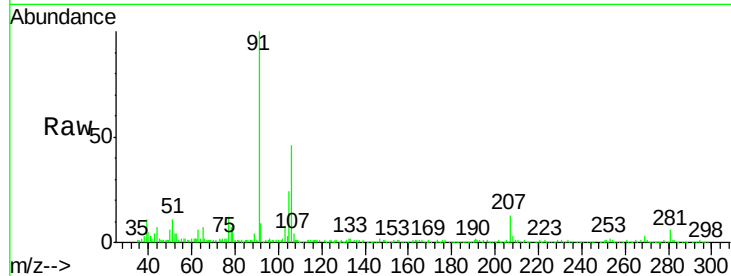




#68
m/p-Xylenes
Concen: 1.290 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015912.D
Acq: 24 Apr 2020 00:11

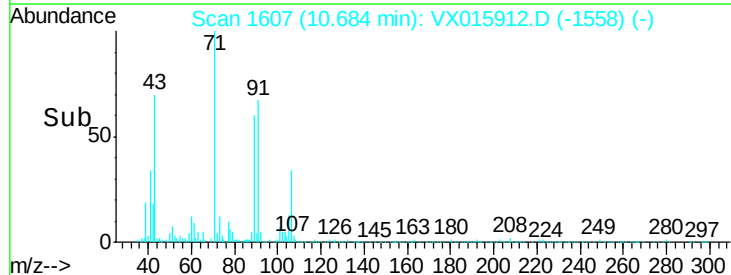
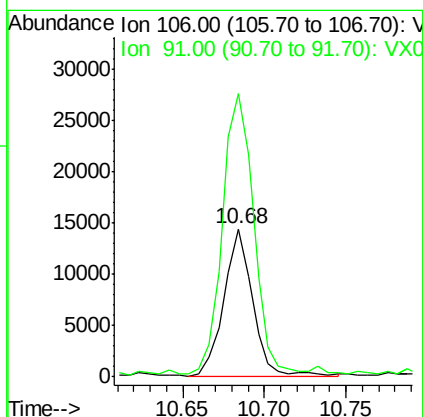
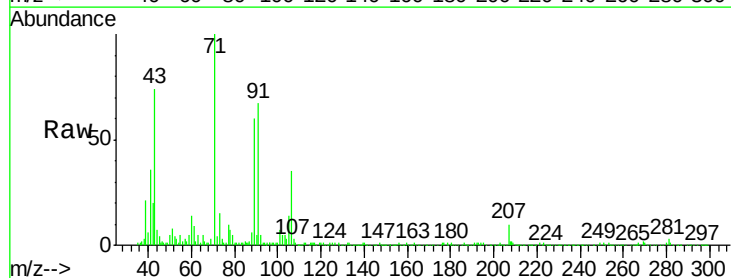
Instrument :
MSVOA_X
ClientSampleId :
31005

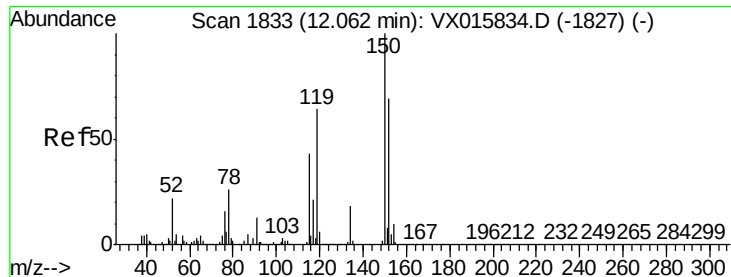
Tot Ion:106 Resp: 21268
Ion Ratio Lower Upper
106 100
91 202.7 161.1 241.7



#69
o-Xylene
Concen: 1.108 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015912.D
Acq: 24 Apr 2020 00:11

Tgt Ion:106 Resp: 17981
Ion Ratio Lower Upper
106 100
91 200.9 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

31005

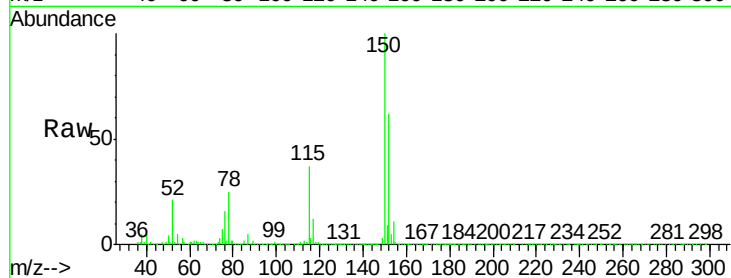
Tot Ion:152 Resp: 727250

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

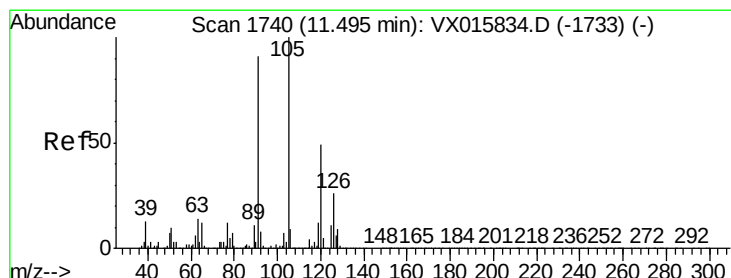
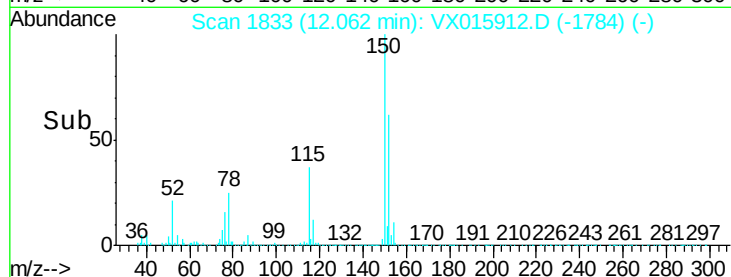
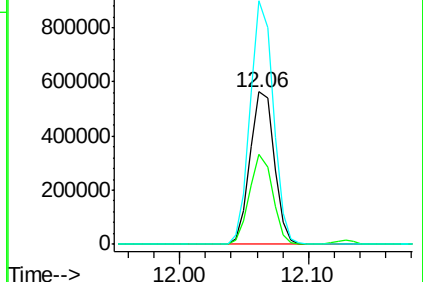
150 152.5 0.0 336.8



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: 2.363 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015912.D

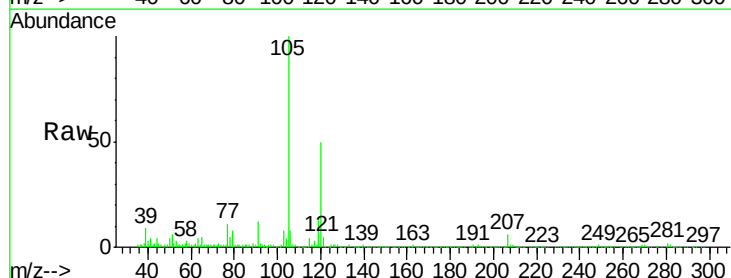
Acq: 24 Apr 2020 00:11

Tgt Ion:105 Resp: 93077

Ion Ratio Lower Upper

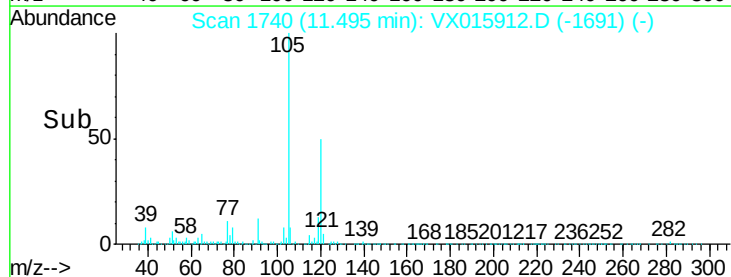
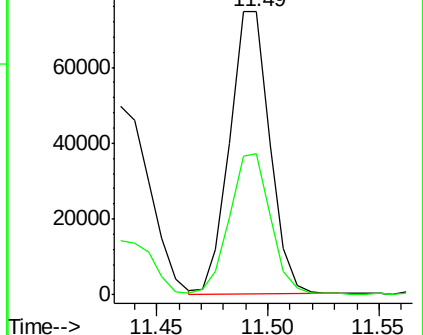
105 100

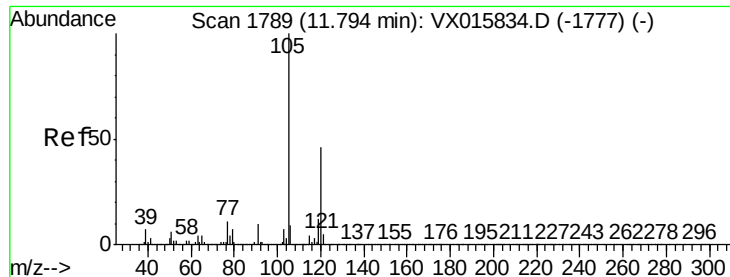
120 51.4 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

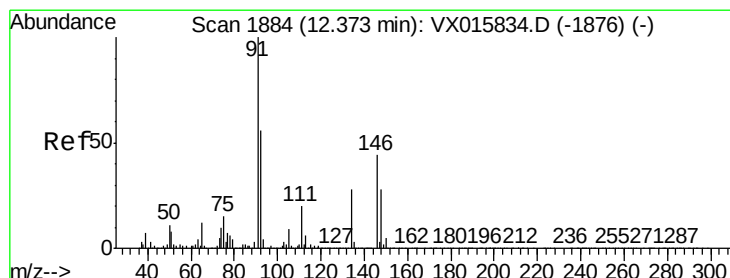
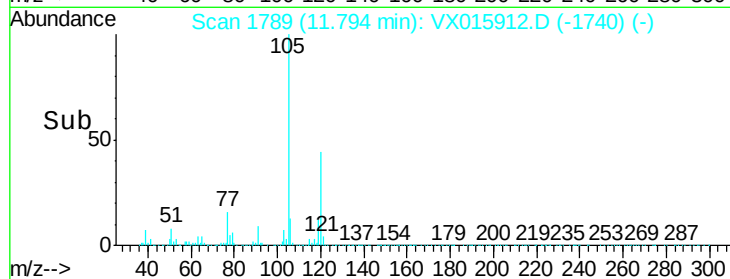
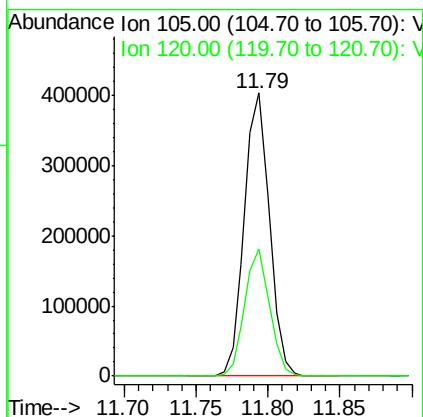
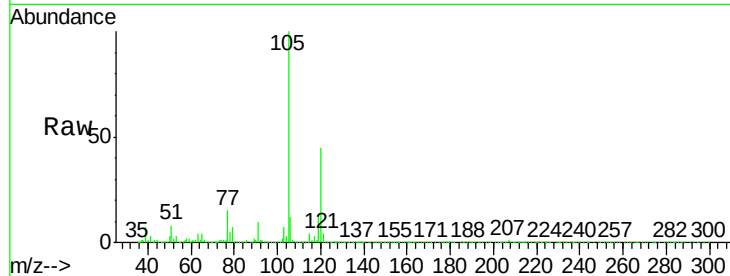




#84
 1,2,4-Trimethylbenzene
 Concen: 11.942 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015912.D
 Acq: 24 Apr 2020 00:11

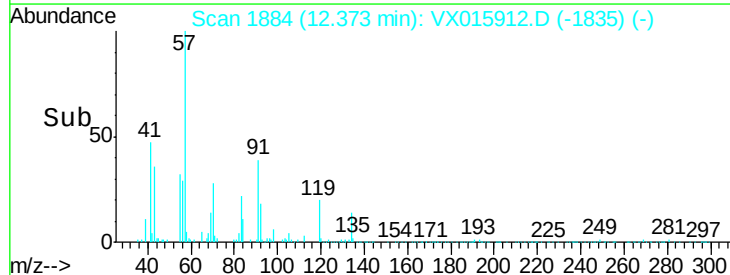
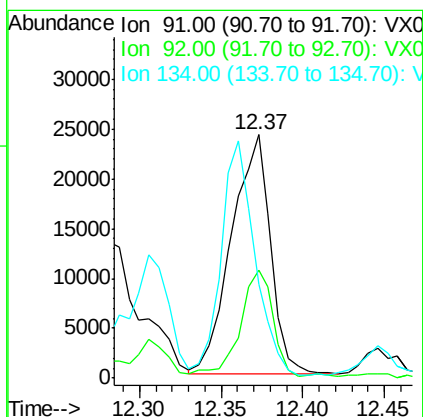
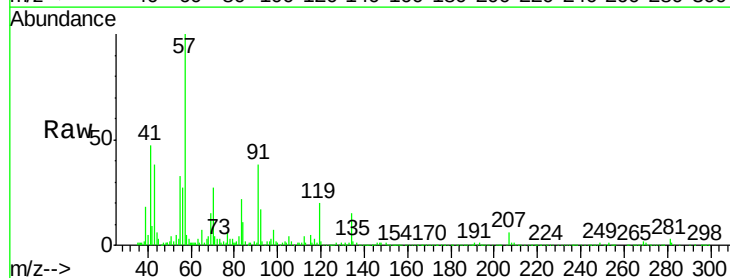
Instrument :
 MSVOA_X
 ClientSampleId :
 31005

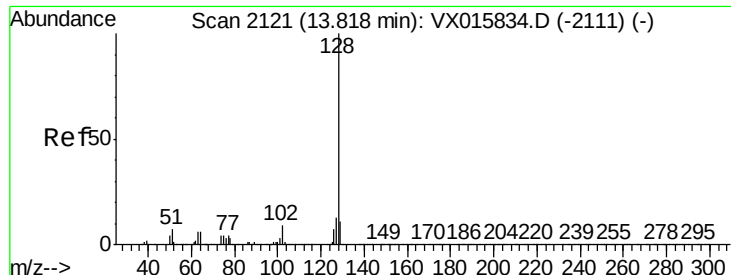
Tot Ion:105 Resp: 488269
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.9 68.7



#89
 n-Butylbenzene
 Concen: 1.039 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015912.D
 Acq: 24 Apr 2020 00:11

Tgt Ion: 91 Resp: 40009
 Ion Ratio Lower Upper
 91 100
 92 37.4 27.7 83.1
 134 84.1 14.1 42.4#





#95

Naphthalene

Concen: 4.217 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015912.D

Acq: 24 Apr 2020 00:11

Instrument :

MSVOA_X

ClientSampleId :

31005

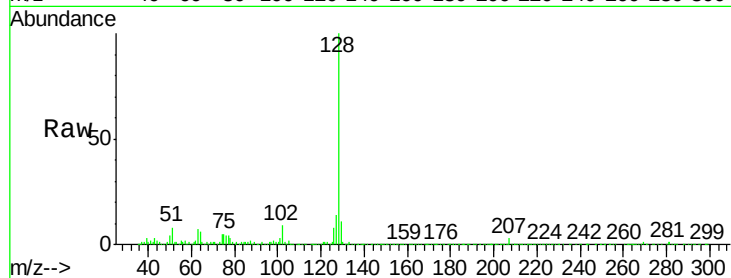
Tot Ion:128 Resp: 210011

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.5 8.5 12.7



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

