

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015514.D
 Acq On : 06 Apr 2020 15:49
 Operator : JC/SP
 Sample : L2152-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40734

Quant Time: Apr 07 07:00:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	1319691	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	6.86	114	2212327	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.10	117	2140810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1217712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	866379	46.55	ug/l	0.04
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	5.51	113	659811	46.66	ug/l	0.04
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	8.71	98	2661352	51.11	ug/l	0.01
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.12	95	1145426	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	

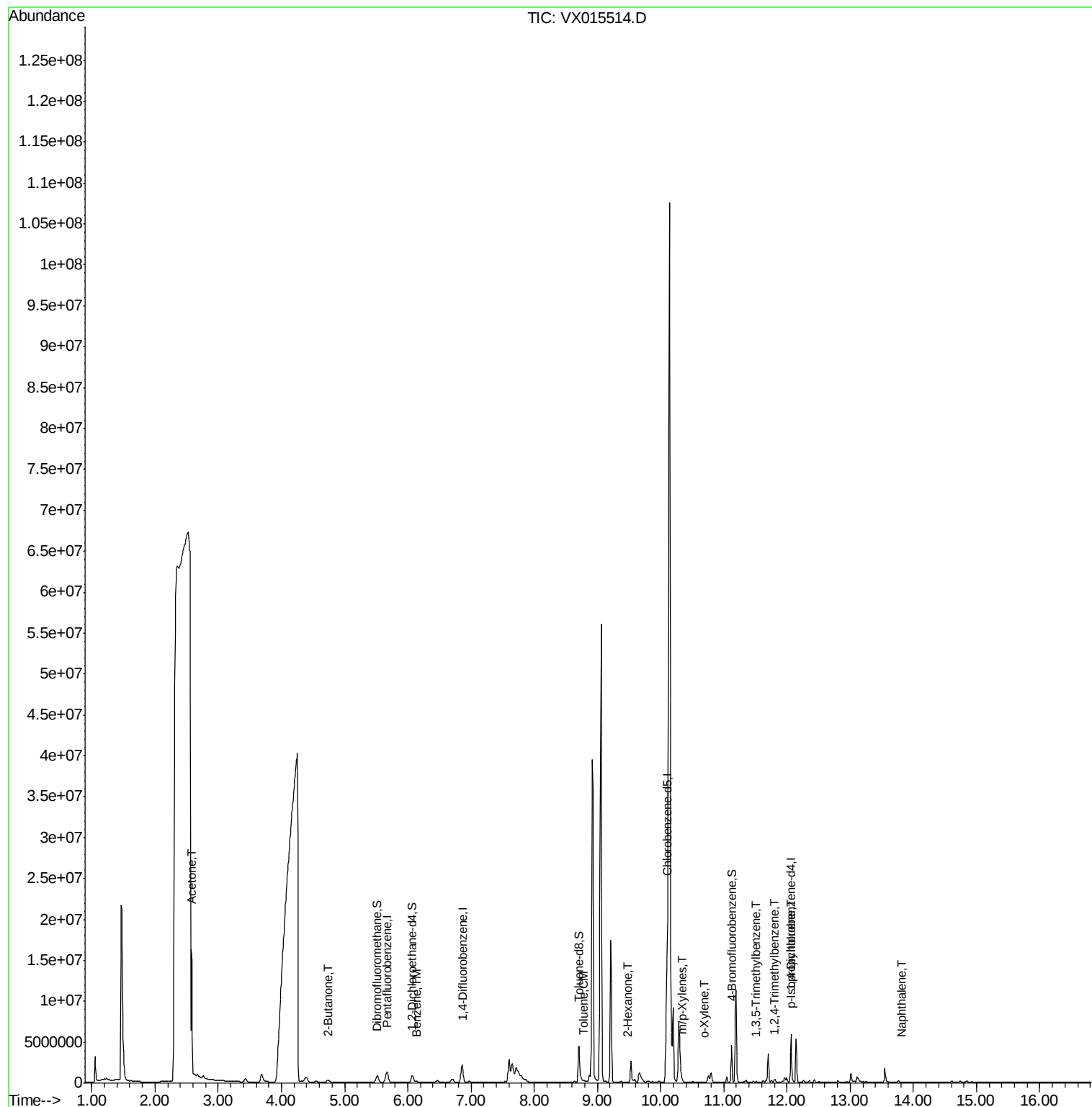
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	8475829m	1059.944	ug/l	
25) 2-Butanone	4.73	43	357870	27.828	ug/l	99
40) Benzene	6.15	78	53837	0.902	ug/l	91
52) Toluene	8.78	92	21100	0.573	ug/l	97
59) 2-Hexanone	9.48	43	43366m	2.262	ug/l	
68) m/p-Xylenes	10.35	106	24347	0.863	ug/l	97
69) o-Xylene	10.68	106	6908	0.248	ug/l	85
80) 1,3,5-Trimethylbenzene	11.50	105	21009	0.308	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	85565	1.232	ug/l	99
86) p-Isopropyltoluene	12.05	119	15274	0.214	ug/l #	61
95) Naphthalene	13.82	128	23570	0.262	ug/l	98

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

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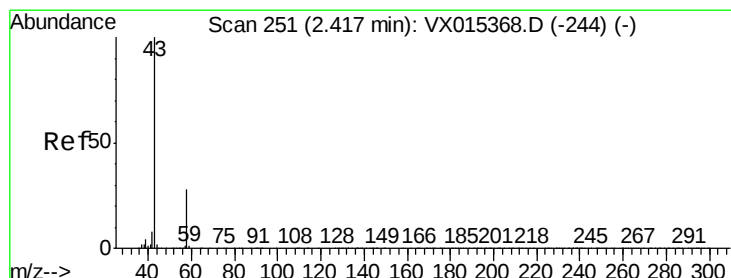
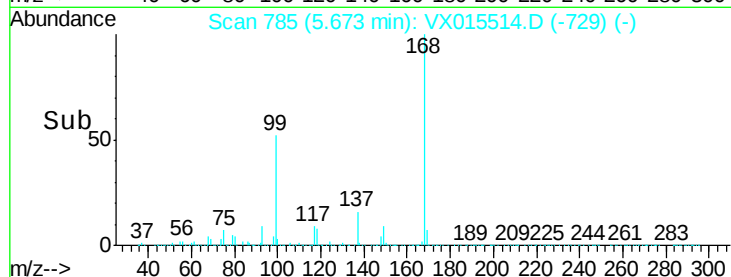
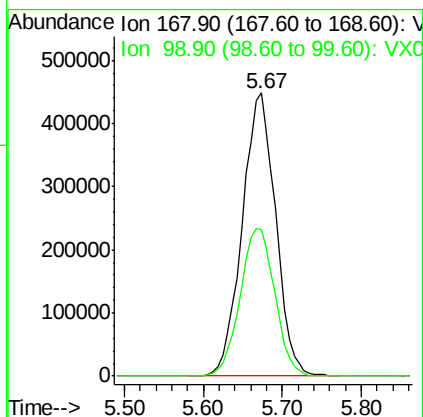
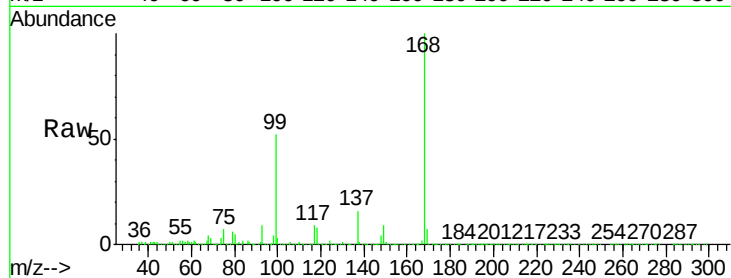


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 785
 Delta R.T. 0.04 min
 Lab File: VX015514.D
 Acq: 06 Apr 2020 15:49

Instrument :
 MSVOA_X
 ClientSampled :
 40734

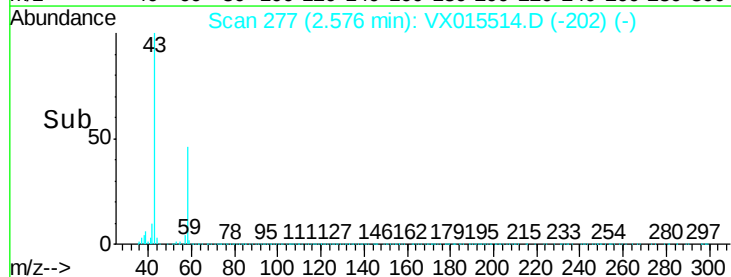
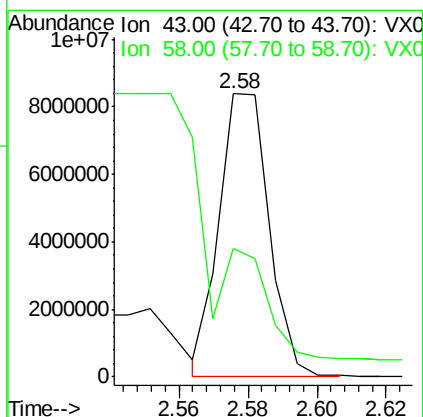
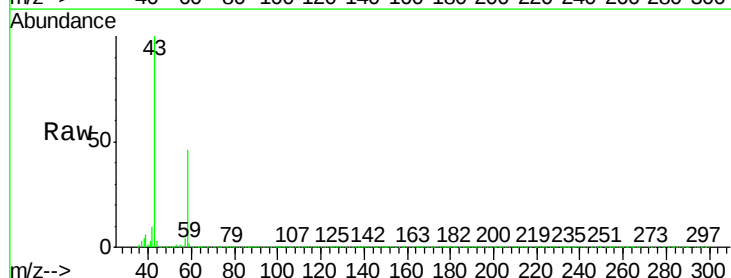
Tot Ion:168 Resp: 1319691
 Ion Ratio Lower Upper
 168 100
 99 51.8 46.4 69.6

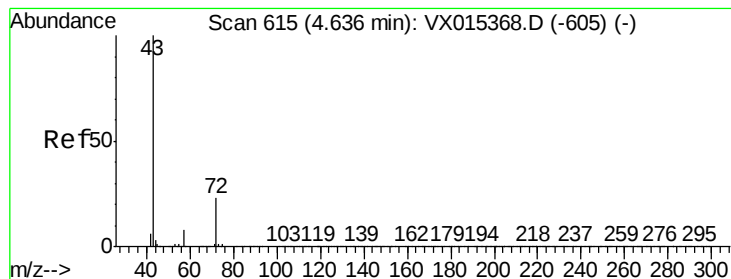


#16

Acetone
 Concen: 1059.944 ug/l m
 RT: 2.58 min Scan# 277
 Delta R.T. 0.16 min
 Lab File: VX015514.D
 Acq: 06 Apr 2020 15:49

Tgt Ion: 43 Resp: 8475829
 Ion Ratio Lower Upper
 43 100
 58 45.6 22.1 33.1#





#25

2-Butanone

Concen: 27.828 ug/l

RT: 4.73 min Scan# 631

Delta R.T. 0.10 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

Instrument :

MSVOA_X

ClientSampled :

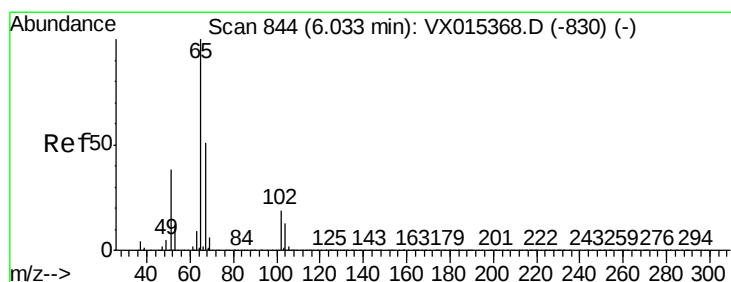
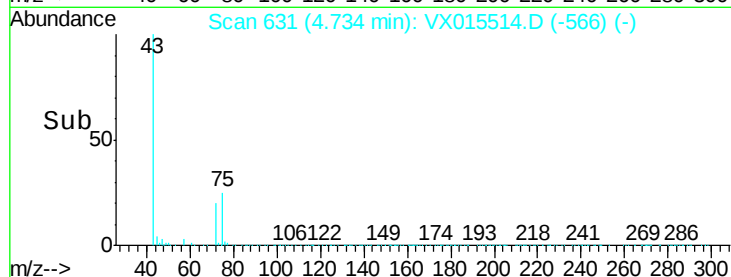
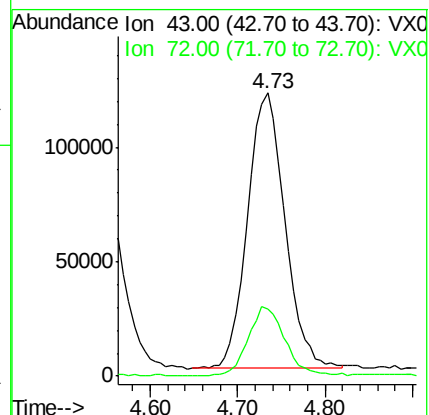
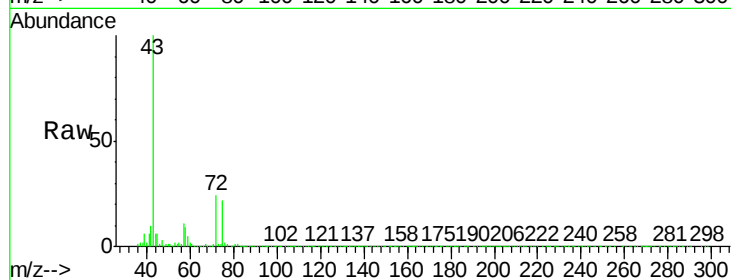
40734

Tot Ion: 43 Resp: 357870

Ion Ratio Lower Upper

43 100

72 24.0 19.0 28.4



#33

1,2-Dichloroethane-d4

Concen: 46.548 ug/l

RT: 6.07 min Scan# 850

Delta R.T. 0.04 min

Lab File: VX015514.D

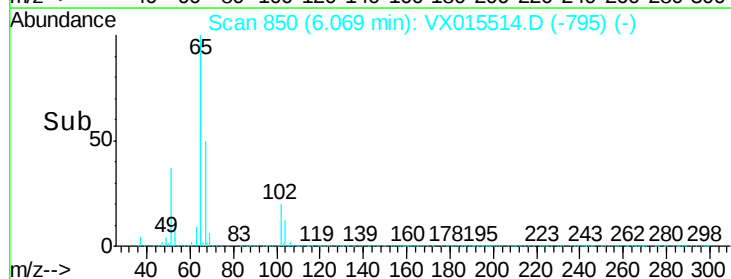
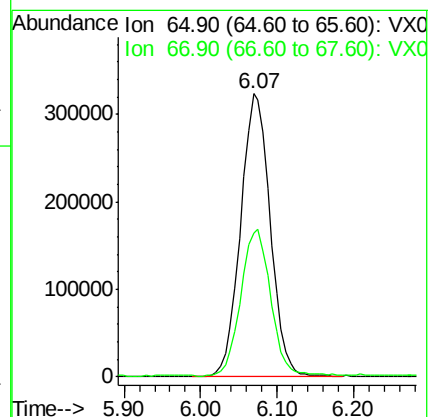
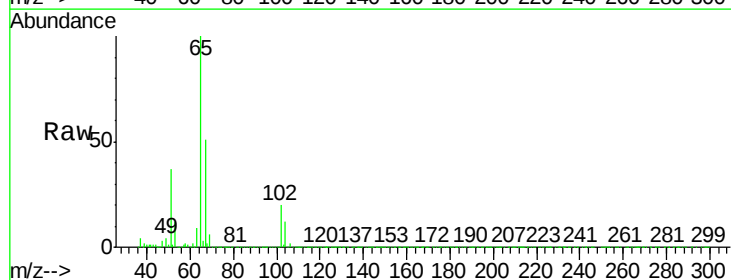
Acq: 06 Apr 2020 15:49

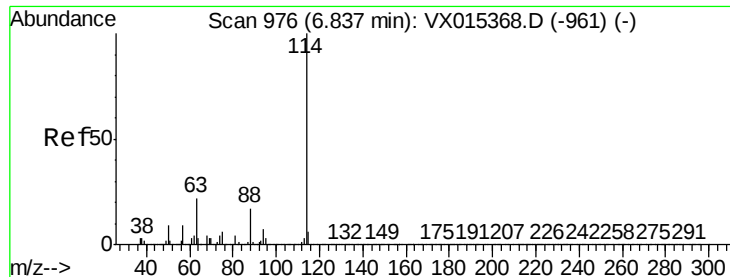
Tgt Ion: 65 Resp: 866379

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 980

Delta R.T. 0.02 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

40734

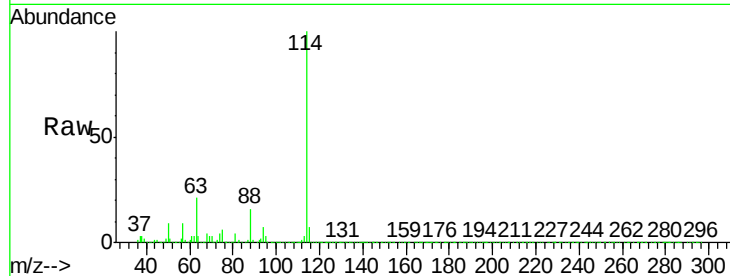
Tot Ion:114 Resp: 2212327

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

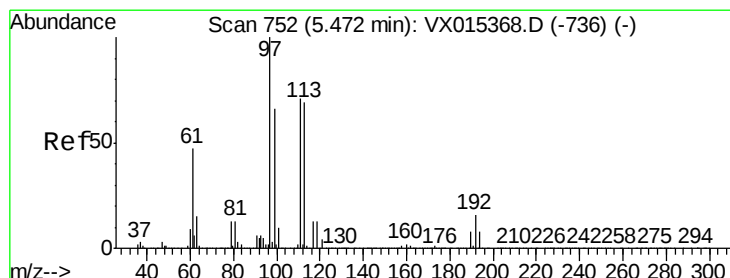
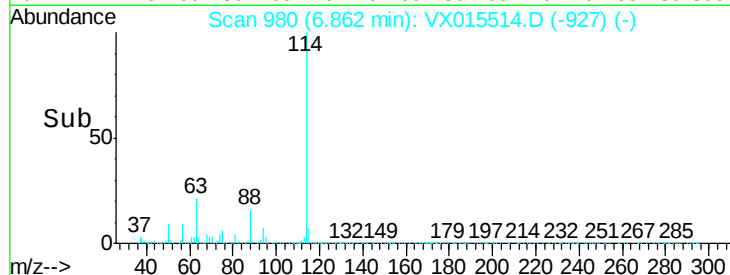
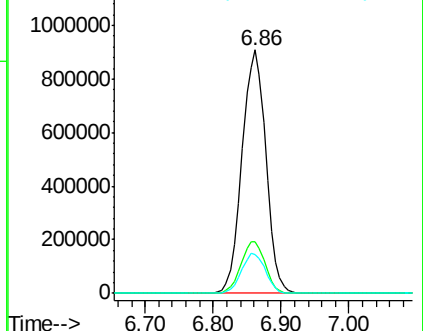
88 15.9 0.0 33.8



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: 46.657 ug/l

RT: 5.51 min Scan# 759

Delta R.T. 0.04 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

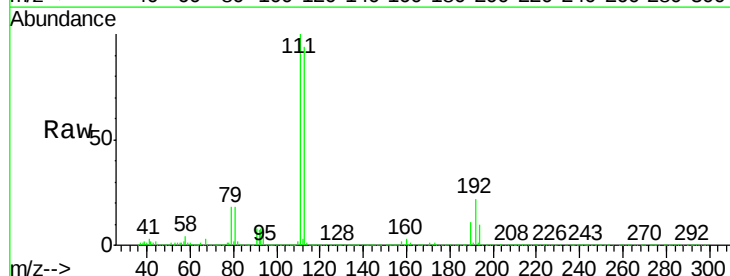
Tgt Ion:113 Resp: 659811

Ion Ratio Lower Upper

113 100

111 104.1 81.5 122.3

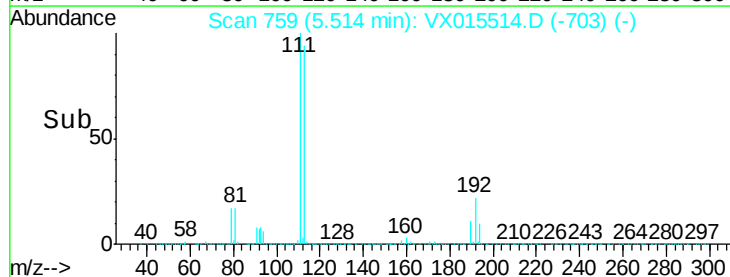
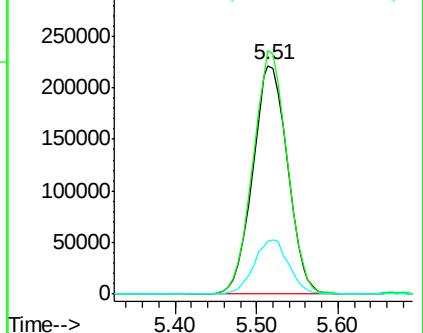
192 23.6 17.8 26.6

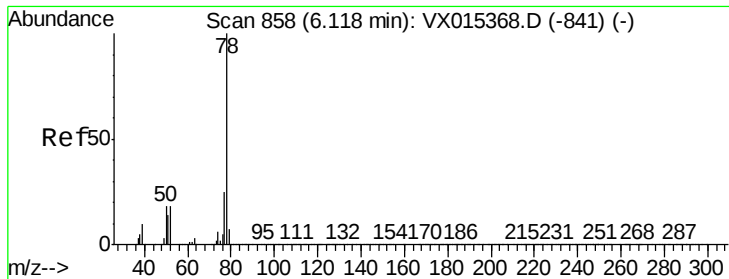


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.902 ug/l

RT: 6.15 min Scan# 863

Delta R.T. 0.03 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

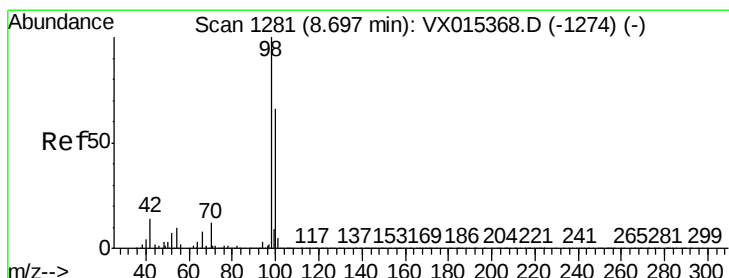
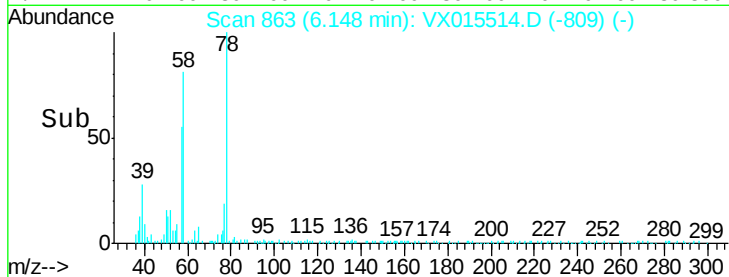
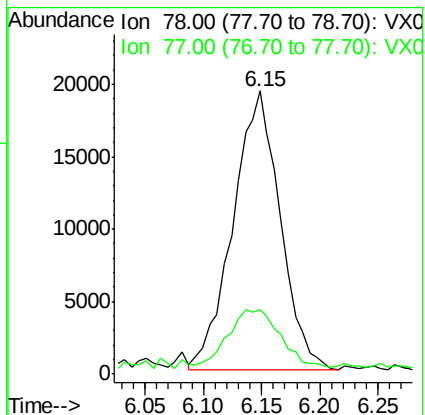
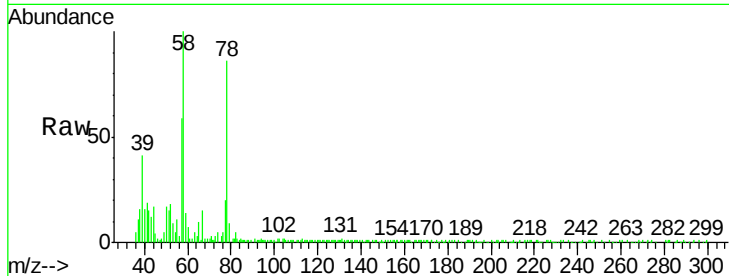
40734

Tot Ion: 78 Resp: 53837

Ion Ratio Lower Upper

78 100

77 20.5 19.8 29.8



#50

Toluene-d8

Concen: 51.115 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VX015514.D

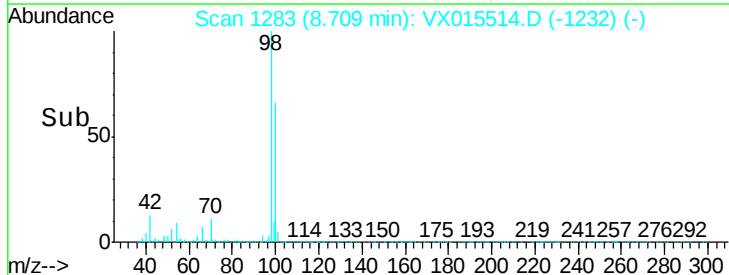
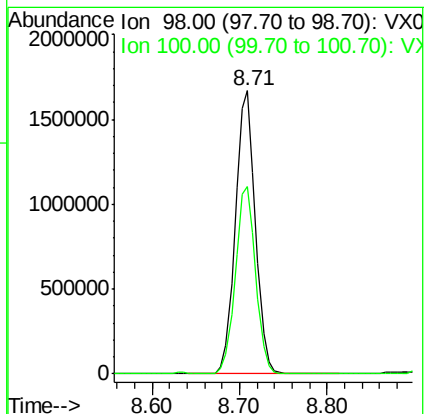
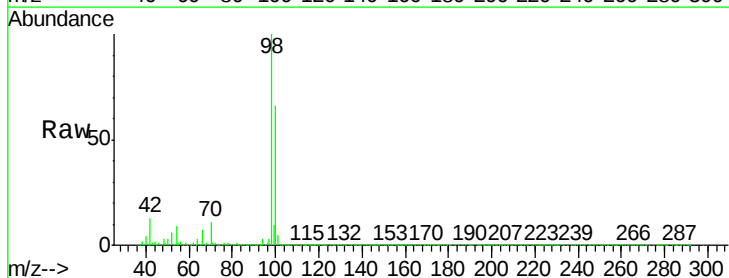
Acq: 06 Apr 2020 15:49

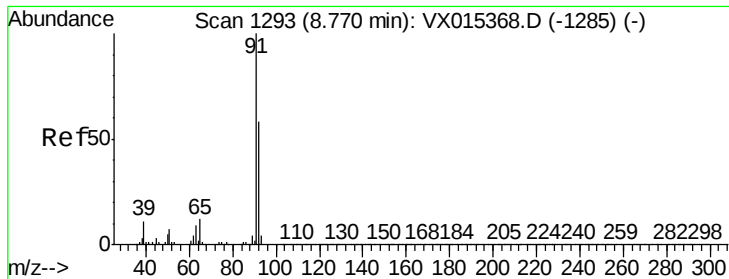
Tgt Ion: 98 Resp: 2661352

Ion Ratio Lower Upper

98 100

100 66.9 53.5 80.3





#52

Toluene

Concen: 0.573 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

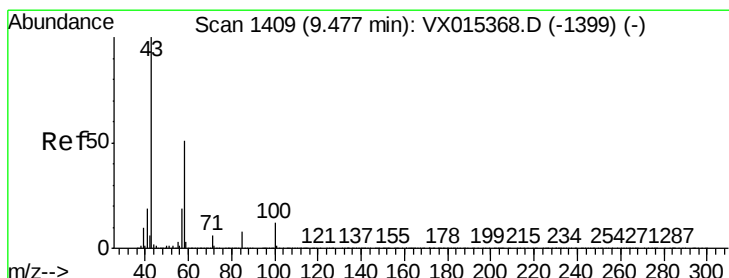
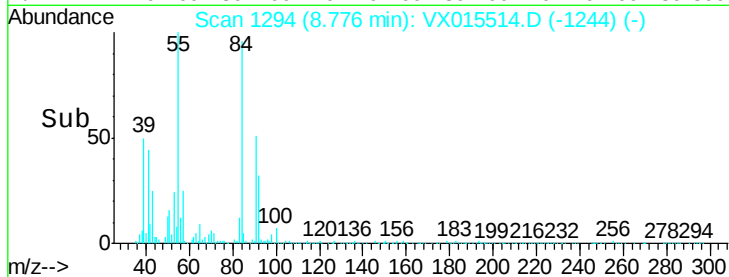
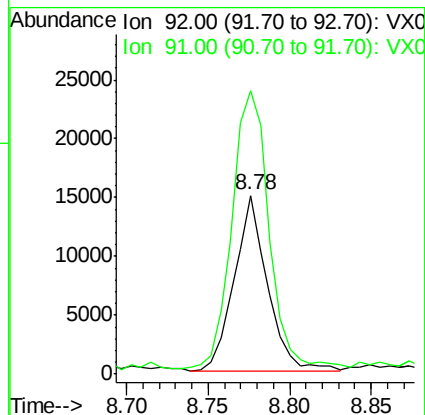
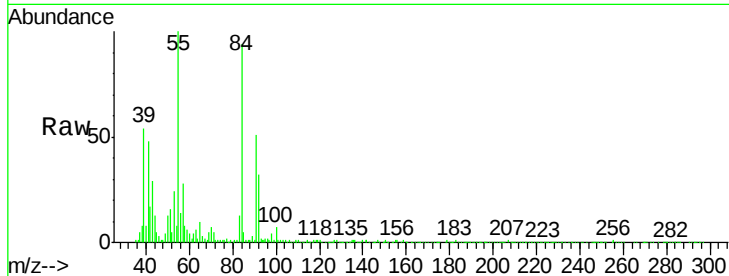
40734

Tot Ion: 92 Resp: 21100

Ion Ratio Lower Upper

92 100

91 175.4 136.6 205.0



#59

2-Hexanone

Concen: 2.262 ug/l m

RT: 9.48 min Scan# 1410

Delta R.T. 0.01 min

Lab File: VX015514.D

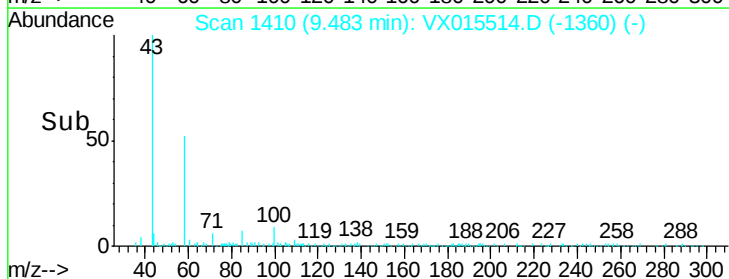
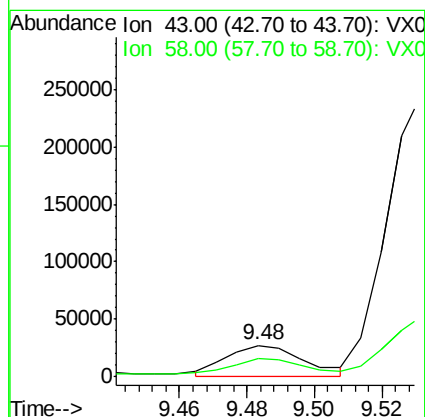
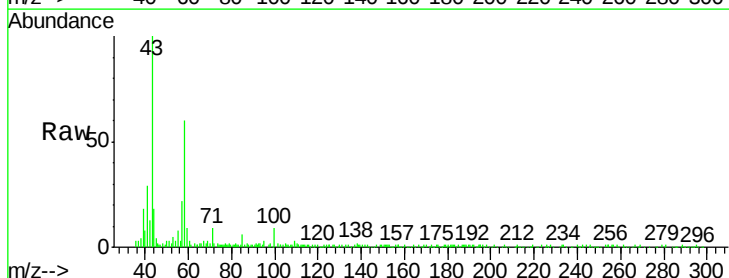
Acq: 06 Apr 2020 15:49

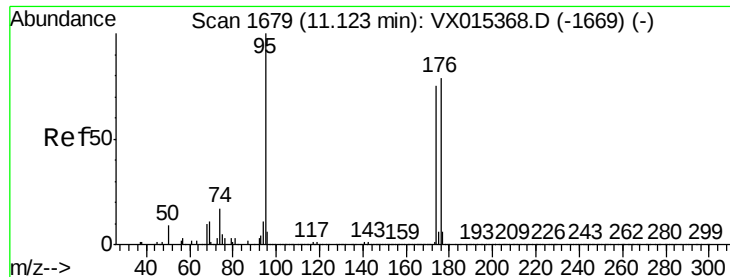
Tgt Ion: 43 Resp: 43366

Ion Ratio Lower Upper

43 100

58 201.8 25.6 76.6#





#62

4-Bromofluorobenzene

Concen: 54.132 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

Instrument :

MSVOA_X

ClientSampleId :

40734

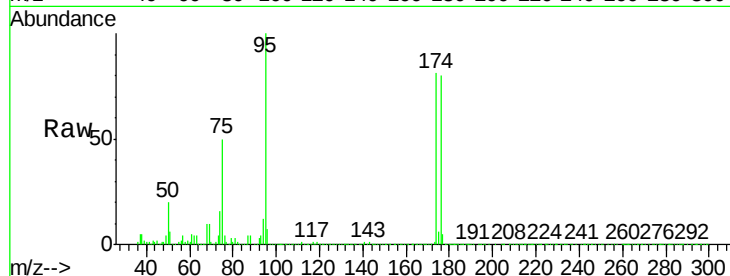
Tot Ion: 95 Resp: 1145426

Ion Ratio Lower Upper

95 100

174 83.4 0.0 158.6

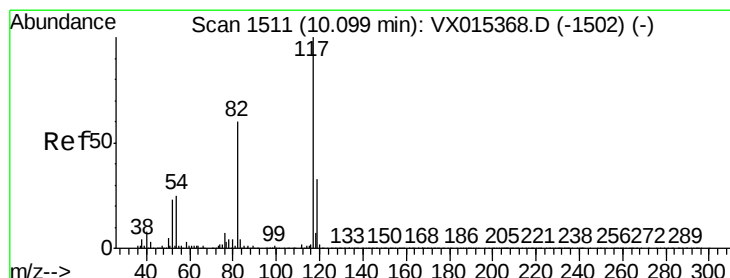
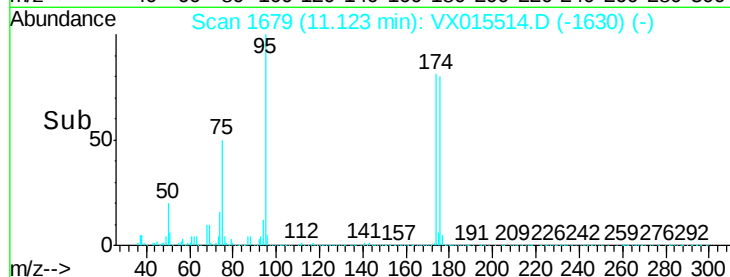
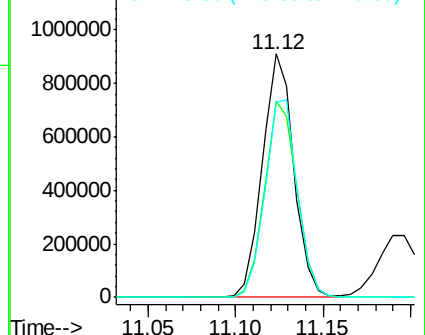
176 83.9 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015514.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015514.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015514.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

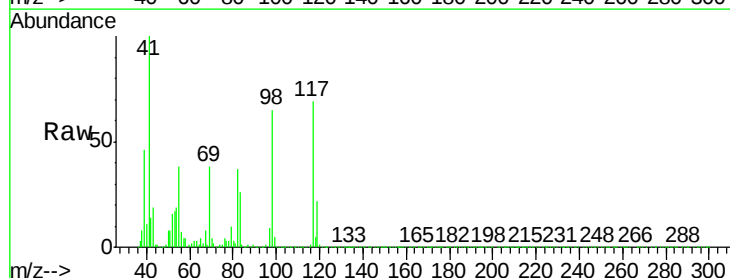
Tgt Ion: 117 Resp: 2140810

Ion Ratio Lower Upper

117 100

82 54.5 47.8 71.8

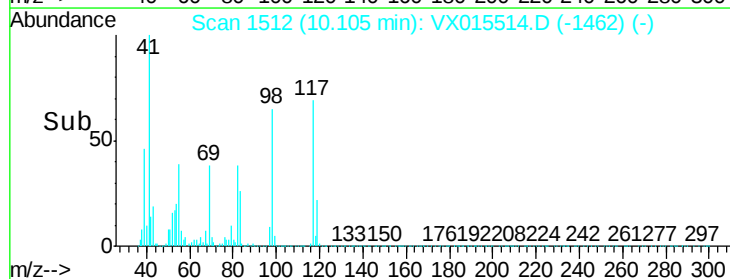
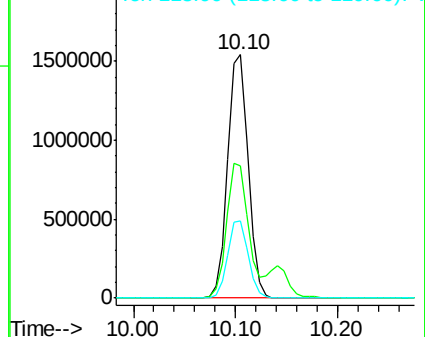
119 31.8 26.8 40.2

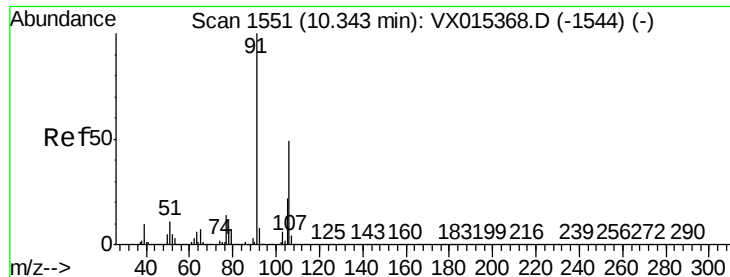


Abundance Ion 116.90 (116.60 to 117.60): VX015514.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015514.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015514.D (-1462) (-)

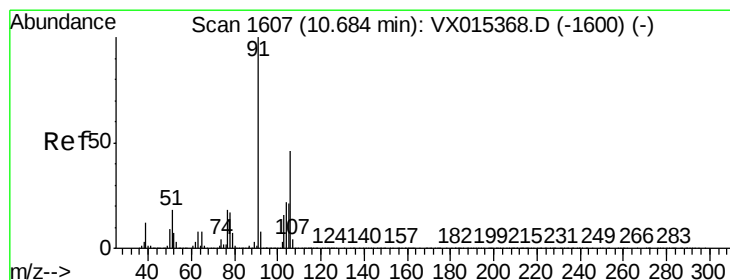
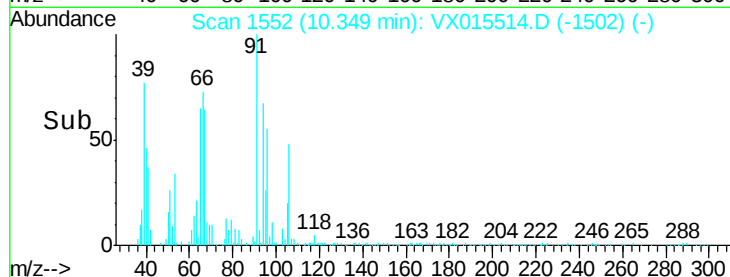
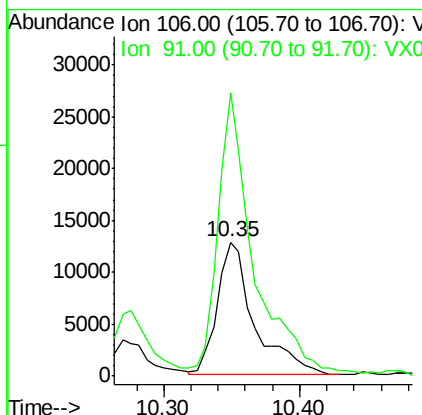
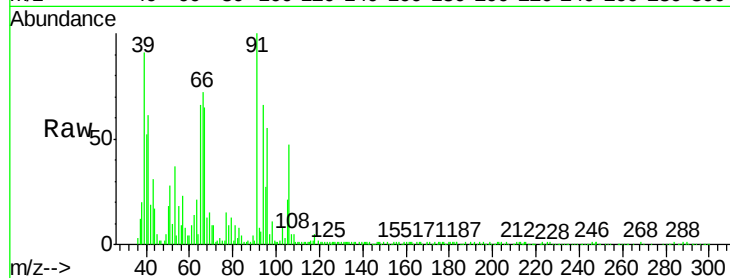




#68
m/p-Xylenes
Concen: 0.863 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015514.D
Acq: 06 Apr 2020 15:49

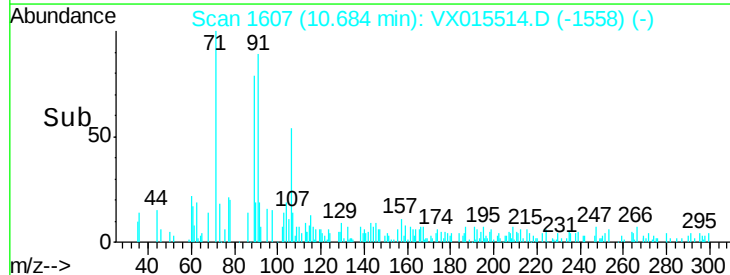
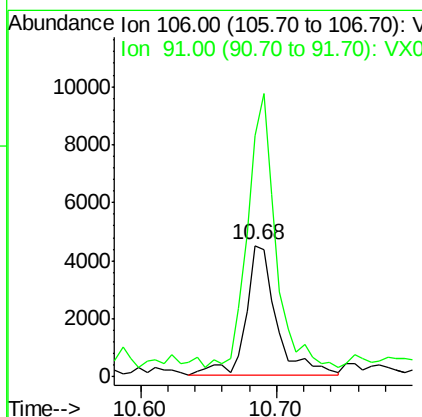
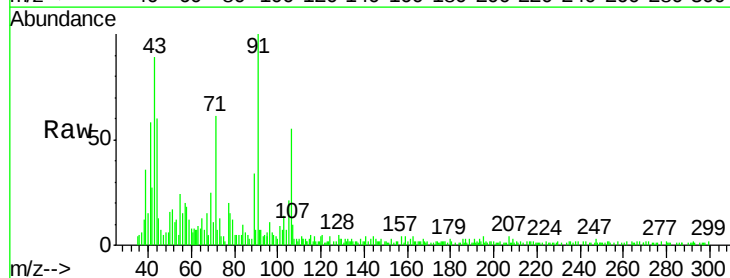
Instrument :
MSVOA_X
ClientSampled :
40734

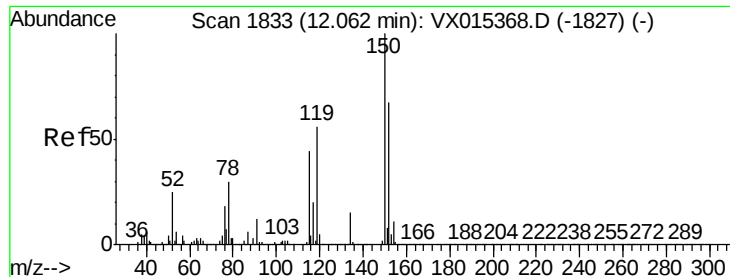
Tot Ion:106 Resp: 24347
Ion Ratio Lower Upper
106 100
91 199.7 163.4 245.0



#69
o-Xylene
Concen: 0.248 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015514.D
Acq: 06 Apr 2020 15:49

Tgt Ion:106 Resp: 6908
Ion Ratio Lower Upper
106 100
91 191.1 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015514.D

Acq: 06 Apr 2020 15:49

Instrument :

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ClientSampleId :

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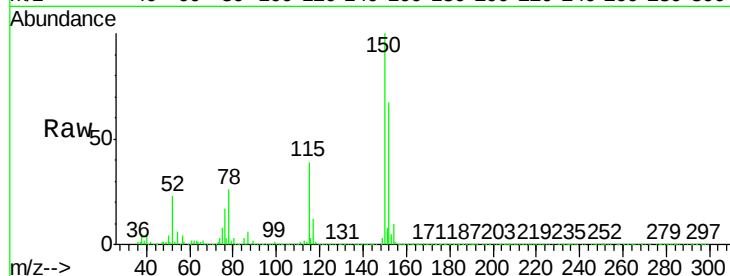
Tot Ion:152 Resp: 1217712

Ion Ratio Lower Upper

152 100

115 57.2 39.0 116.9

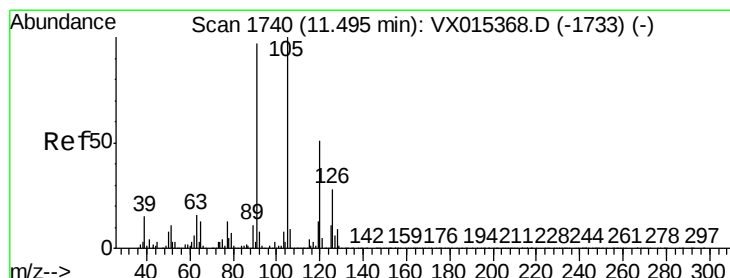
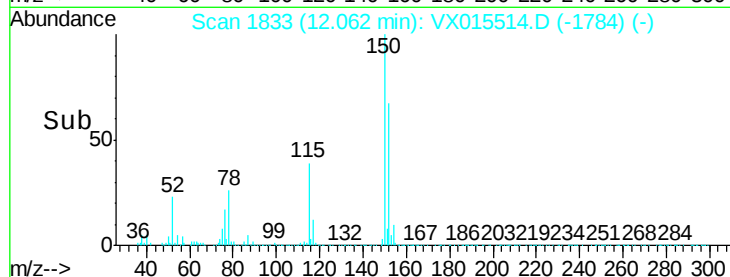
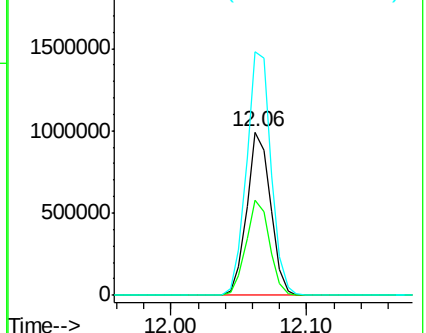
150 153.1 0.0 340.8



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: 0.308 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VX015514.D

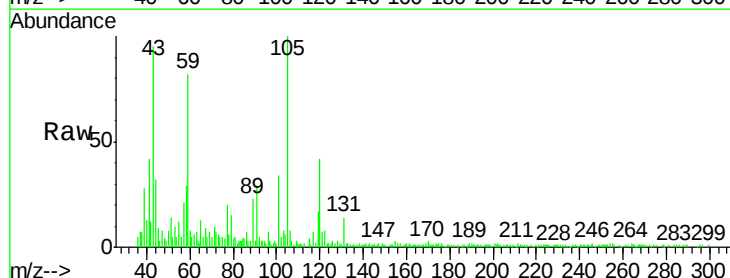
Acq: 06 Apr 2020 15:49

Tgt Ion:105 Resp: 21009

Ion Ratio Lower Upper

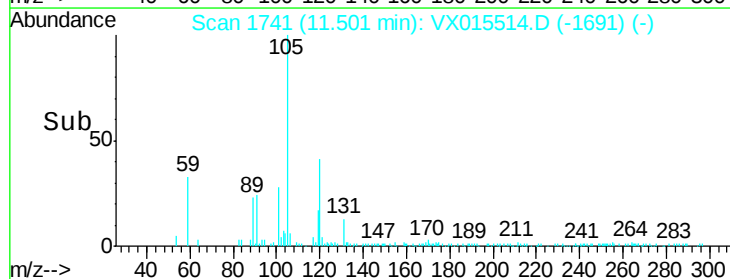
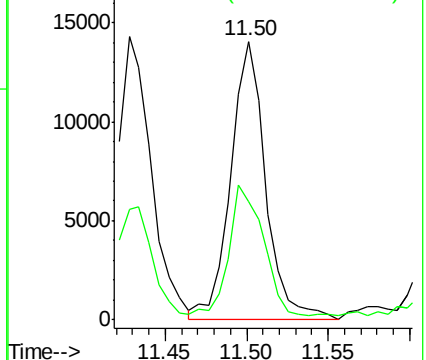
105 100

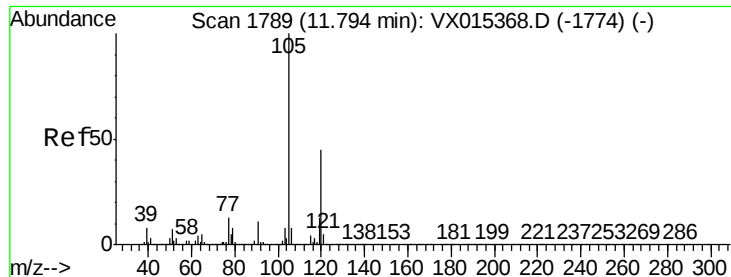
120 46.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

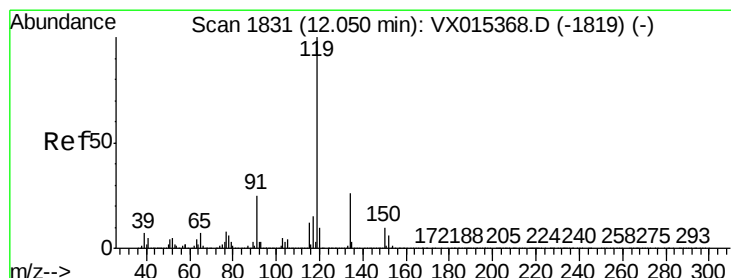
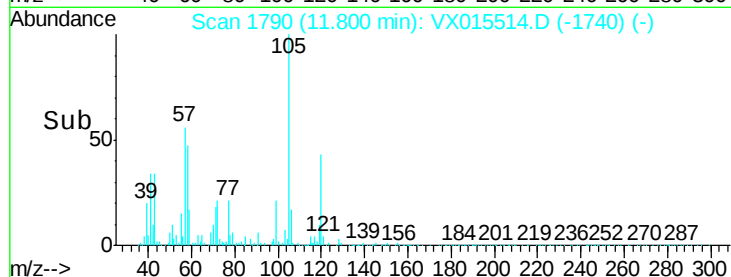
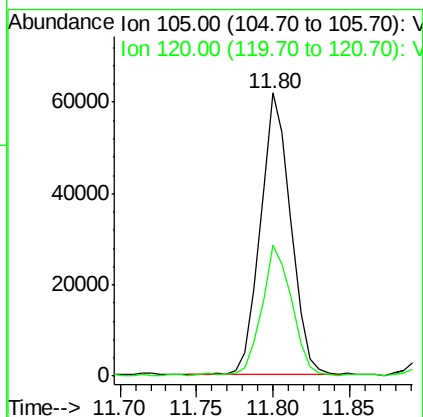
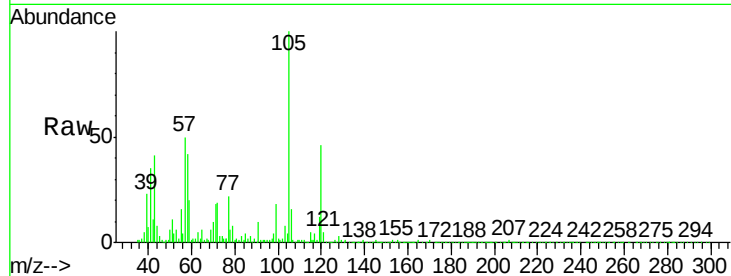




#84
 1,2,4-Trimethylbenzene
 Concen: 1.232 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX015514.D
 Acq: 06 Apr 2020 15:49

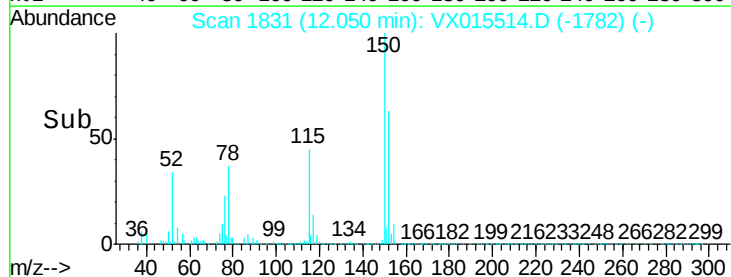
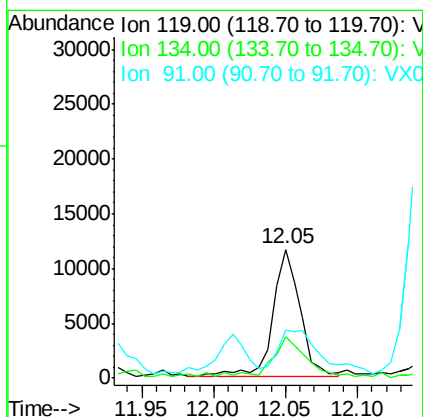
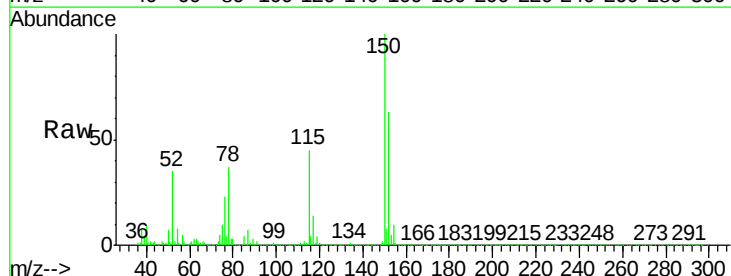
Instrument :
 MSVOA_X
 ClientSampleId :
 40734

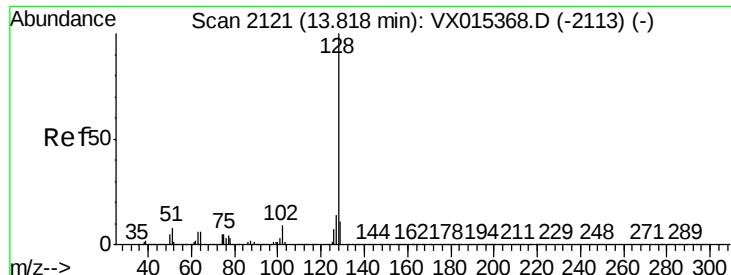
Tot Ion:105 Resp: 85565
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1



#86
 p-Isopropyltoluene
 Concen: 0.214 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015514.D
 Acq: 06 Apr 2020 15:49

Tgt Ion:119 Resp: 15274
 Ion Ratio Lower Upper
 119 100
 134 36.0 13.1 39.3
 91 54.4 12.4 37.4#





#95
Naphthalene
Concen: 0.262 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015514.D
Acq: 06 Apr 2020 15:49

Instrument :
MSVOA_X
ClientSampleId :
40734

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.6	15.8
129	11.5	8.8	13.2

