

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010512.D
 Acq On : 28 Jun 2019 02:13
 Operator : JC/SP
 Sample : K3509-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-06-062619-A

Quant Time: Jun 28 08:10:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121922	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.50	113	121763	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	481061	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.13	95	158561	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

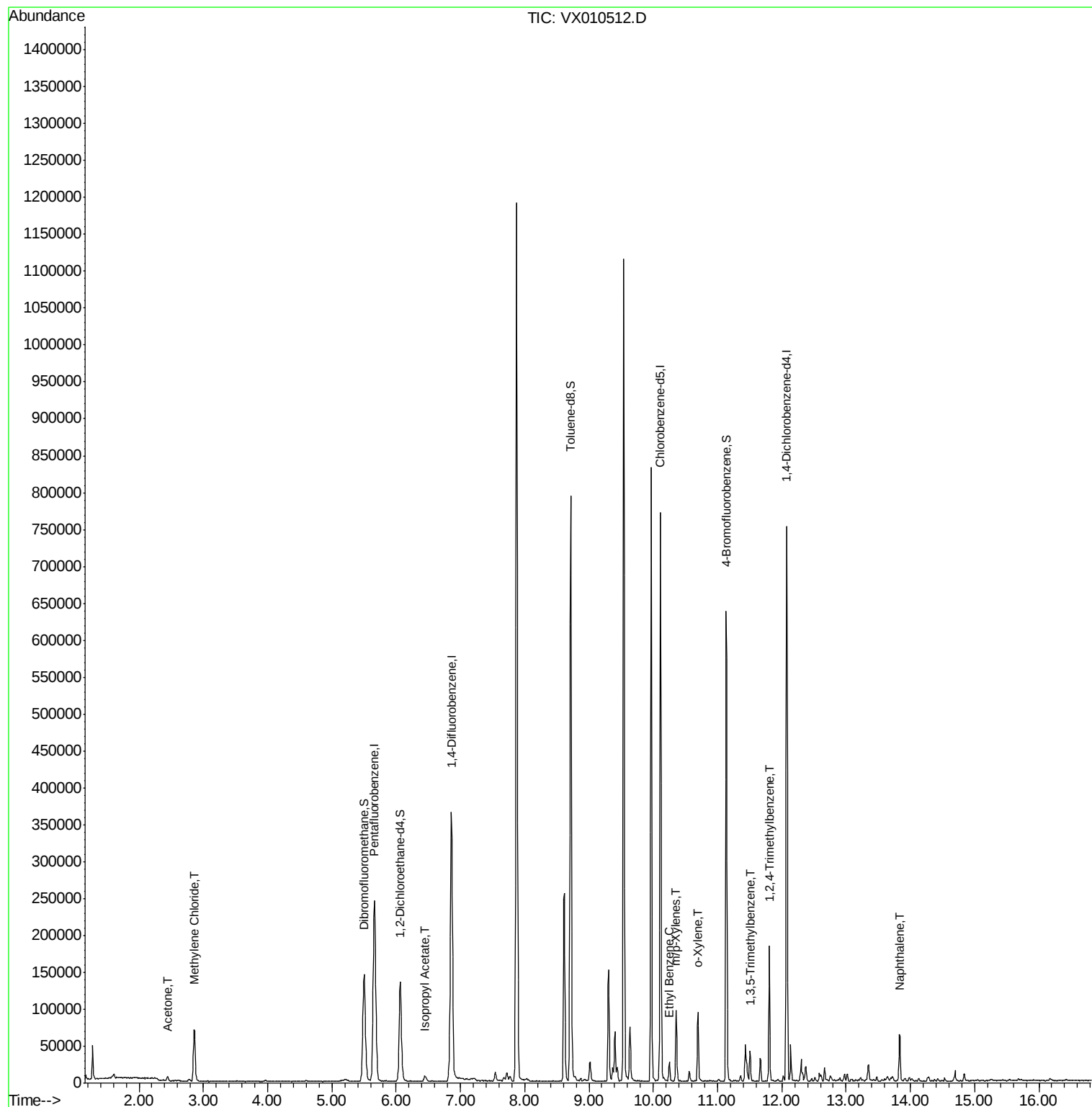
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7056	5.681	ug/l	98
20) Methylene Chloride	2.86	84	36538	14.294	ug/l	96
43) Isopropyl Acetate	6.45	43	10256	1.902	ug/l	97
67) Ethyl Benzene	10.25	91	14187	1.124	ug/l	96
68) m/p-Xylenes	10.36	106	23898	4.885	ug/l	99
69) o-Xylene	10.70	106	10435	2.169	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	17507	1.817	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	79638	8.226	ug/l	98
95) Naphthalene	13.83	128	40969	3.395	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

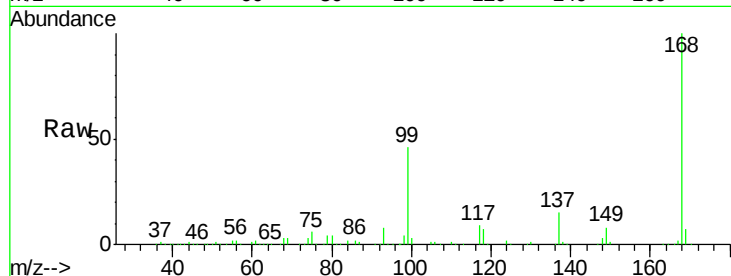
SA-06-062619-A

Tot Ion:168 Resp: 264327

Ion Ratio Lower Upper

168 100

99 45.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

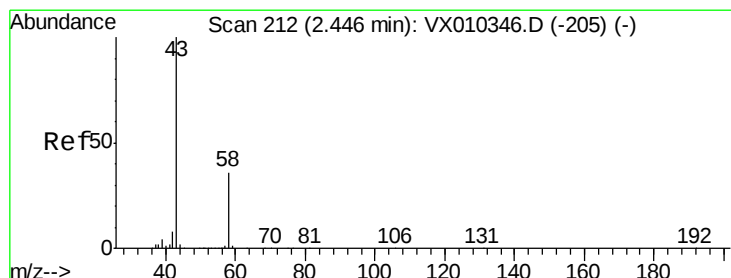
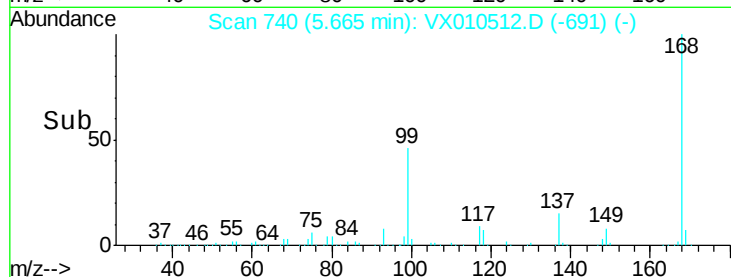
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010512.D

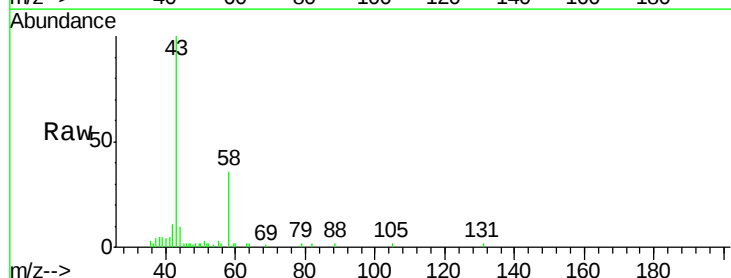
Acq: 28 Jun 2019 02:13

Tgt Ion: 43 Resp: 7056

Ion Ratio Lower Upper

43 100

58 37.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

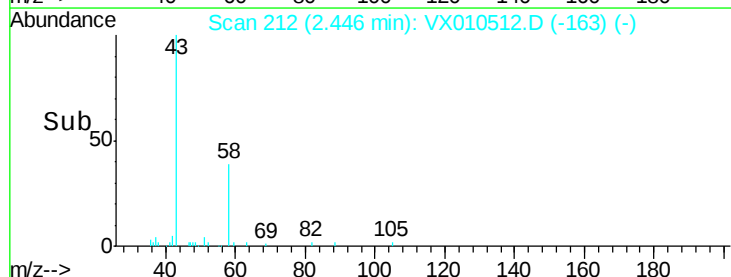
3000

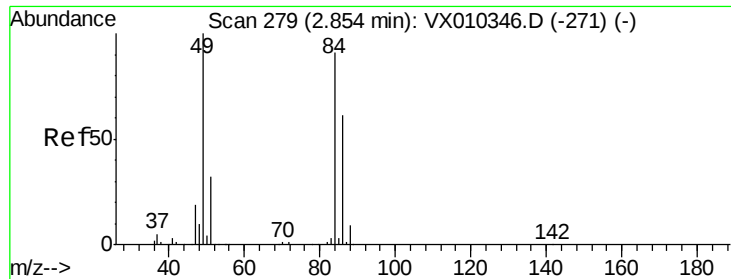
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

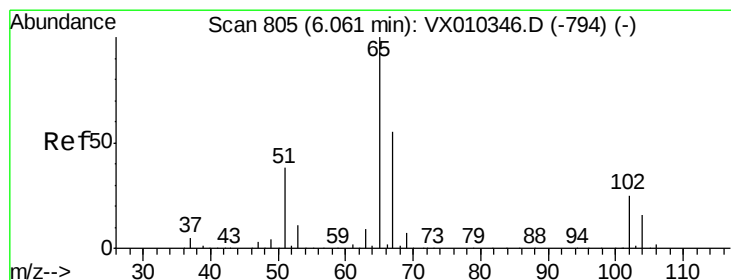
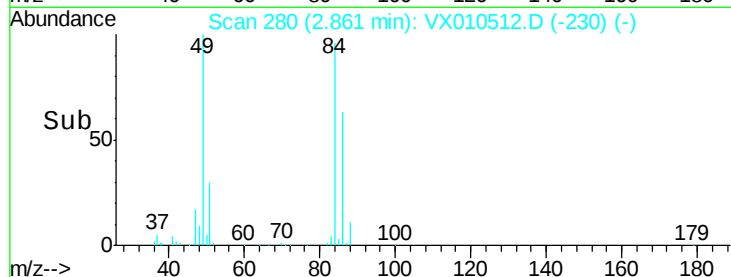
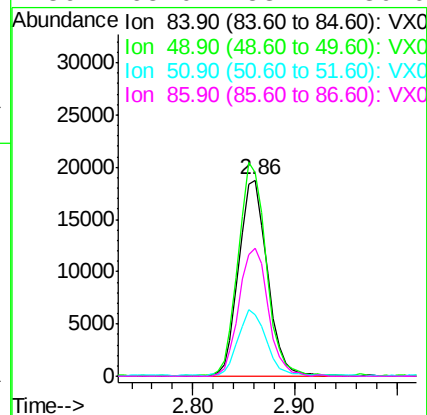
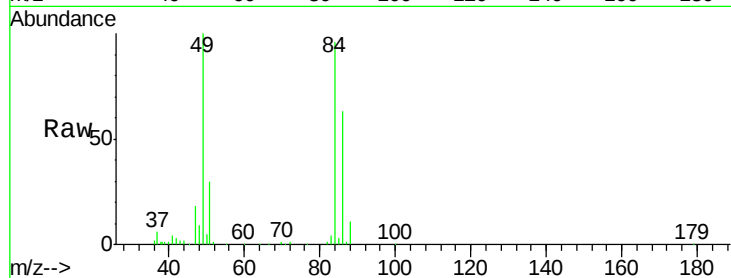




#20
Methvlene Chloride
Concen: 14.294 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

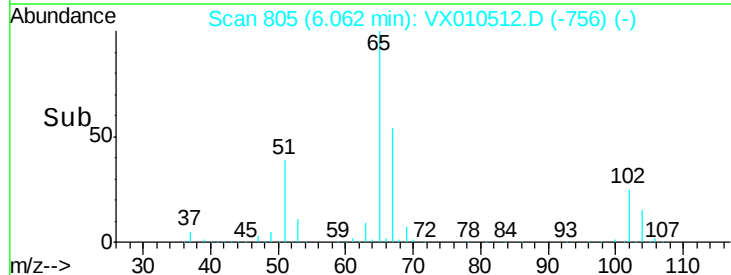
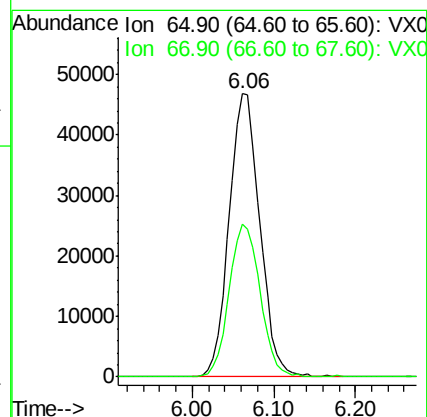
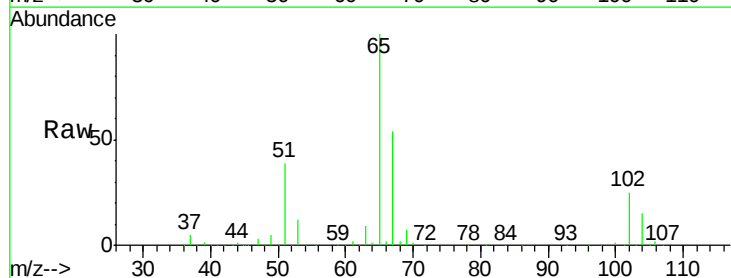
Instrument :
MSVOA_X
ClientSampleId :
SA-06-062619-A

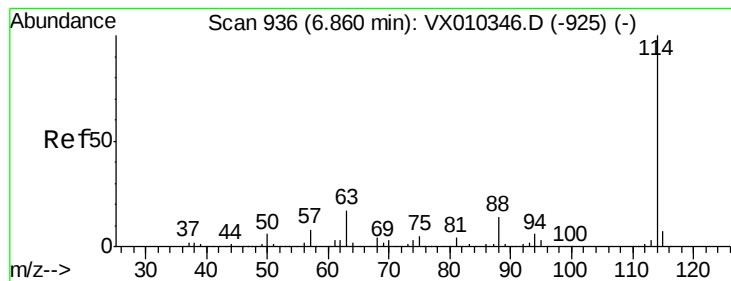
Tot Ion: 84 Resp: 36538
Ion Ratio Lower Upper
84 100
49 103.8 87.5 131.3
51 31.1 27.7 41.5
86 65.0 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 49.195 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 65 Resp: 121922
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

SA-06-062619-A

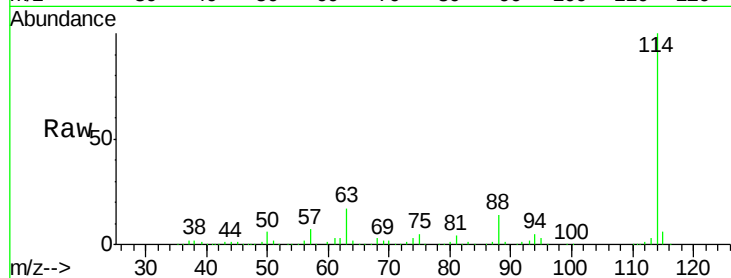
Tot Ion:114 Resp: 398701

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

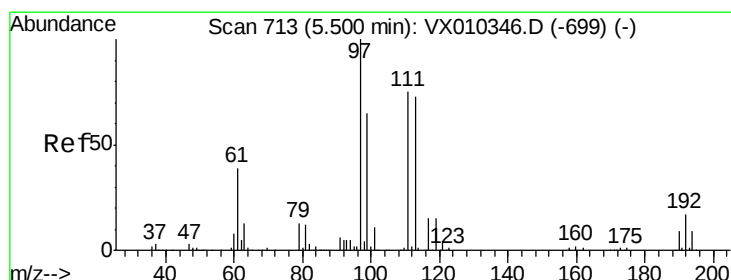
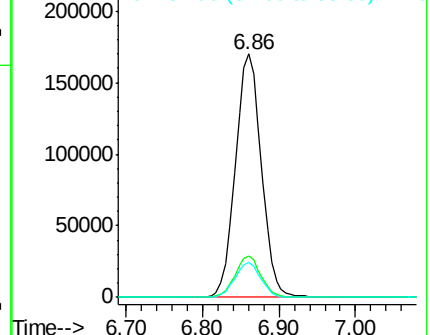
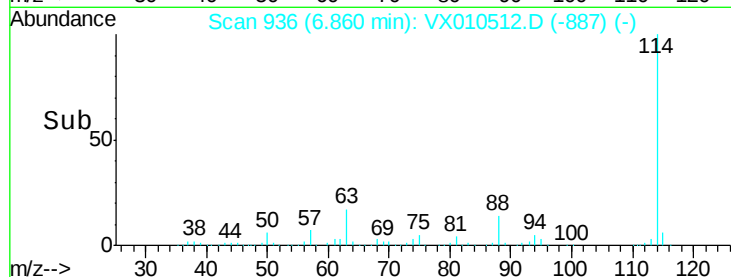
88 14.2 0.0 27.6



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: 49.915 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

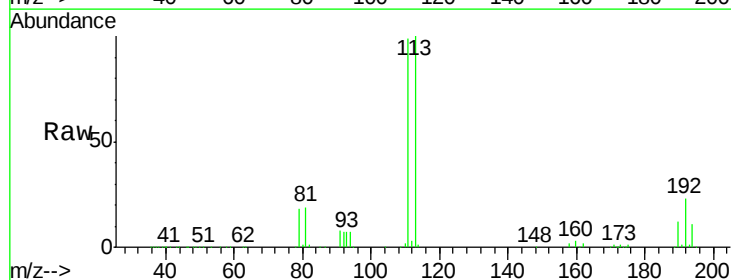
Tgt Ion:113 Resp: 121763

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

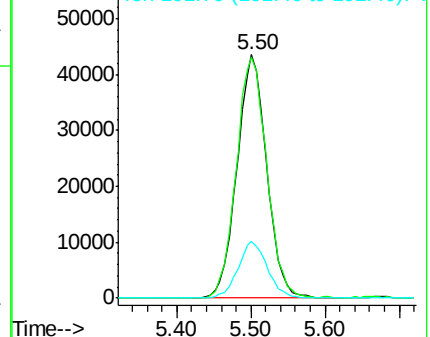
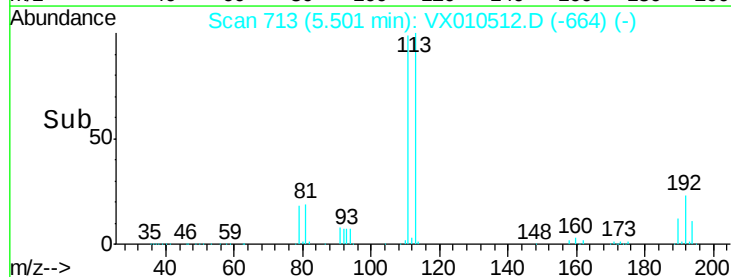
192 23.0 18.6 27.8

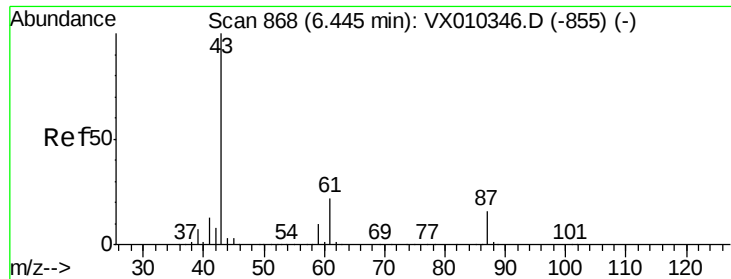


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.902 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

SA-06-062619-A

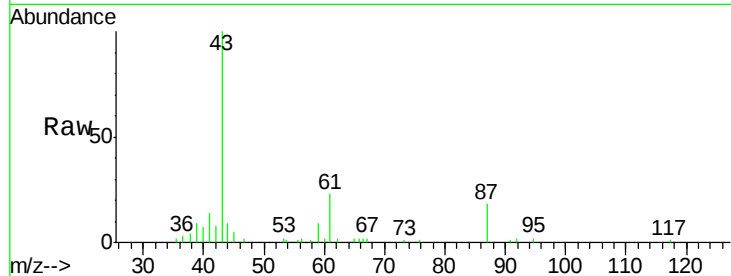
Tot Ion: 43 Resp: 10256

Ion Ratio Lower Upper

43 100

61 24.3 17.8 26.6

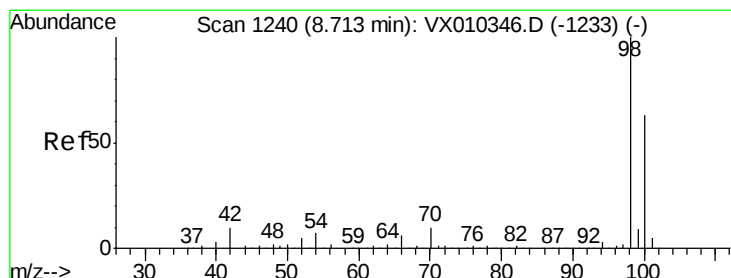
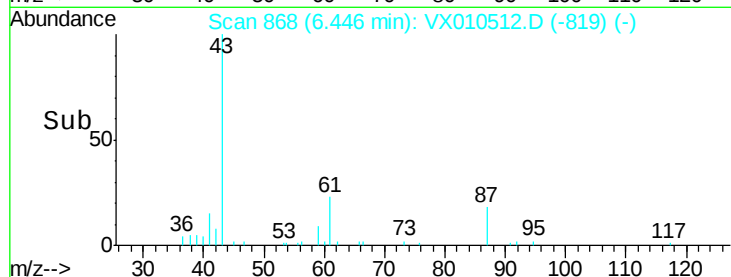
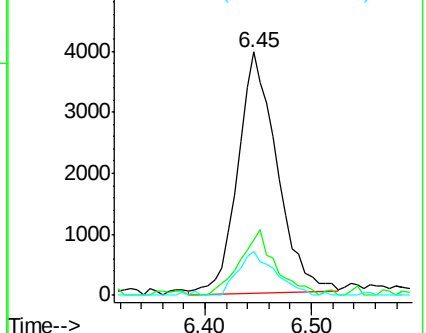
87 16.9 13.0 19.4



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: 51.546 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010512.D

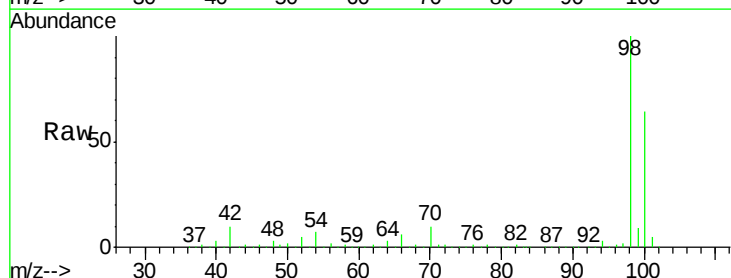
Acq: 28 Jun 2019 02:13

Tgt Ion: 98 Resp: 481061

Ion Ratio Lower Upper

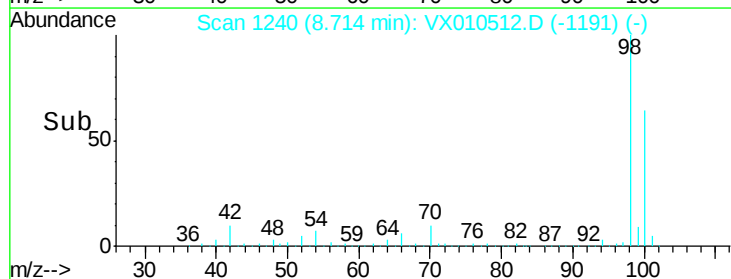
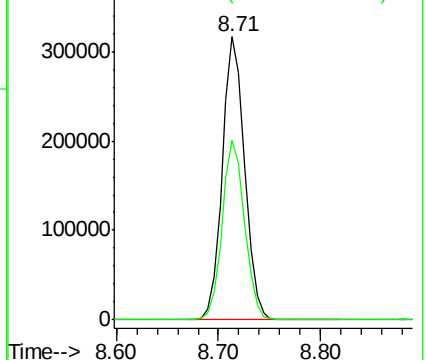
98 100

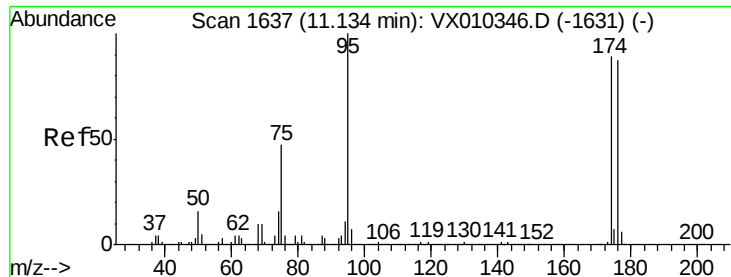
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.060 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

Instrument :

MSVOA_X

ClientSampleId :

SA-06-062619-A

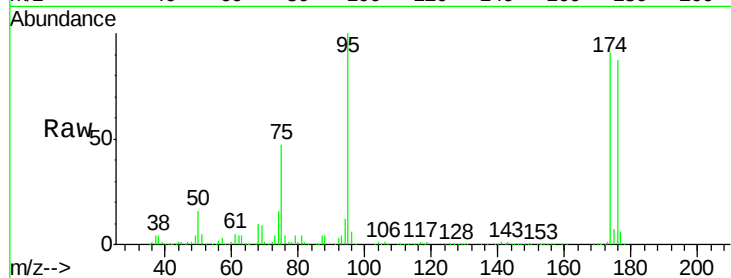
Tot Ion: 95 Resp: 158561

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.6

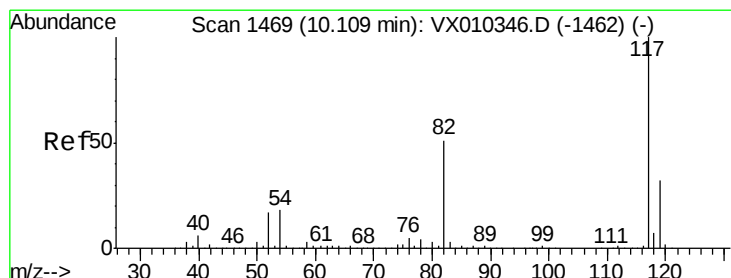
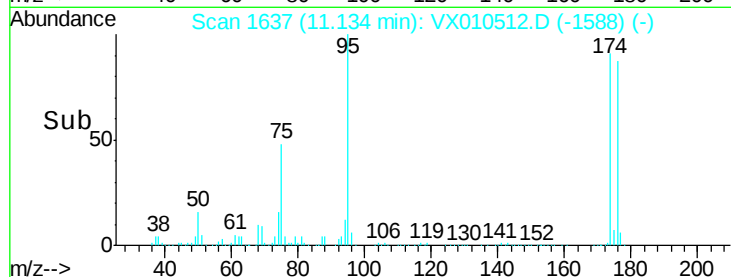
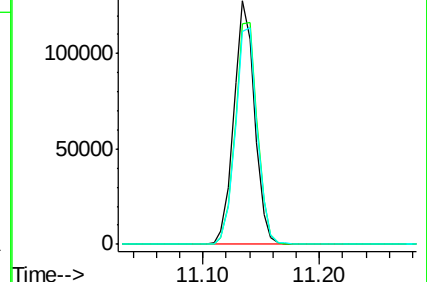
176 93.7 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010512.D

Acq: 28 Jun 2019 02:13

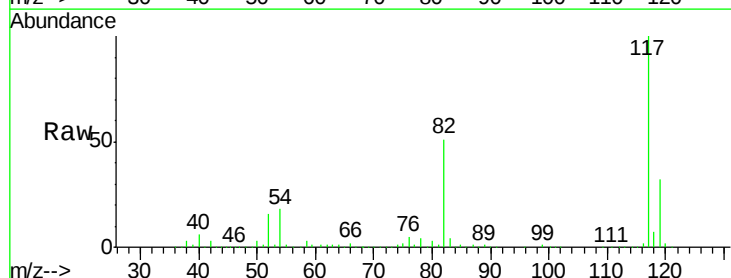
Tgt Ion: 117 Resp: 368378

Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

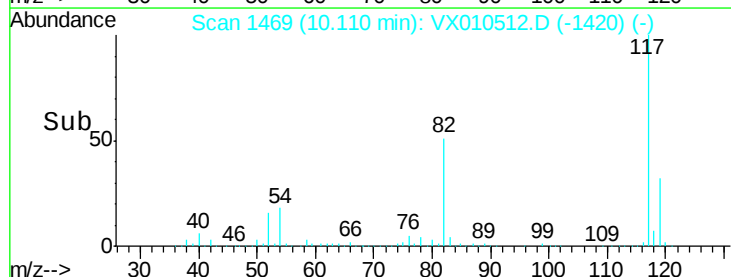
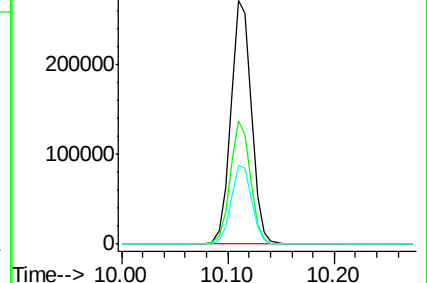
119 32.4 25.5 38.3

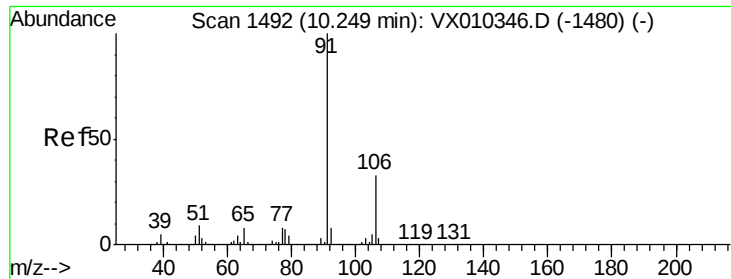


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

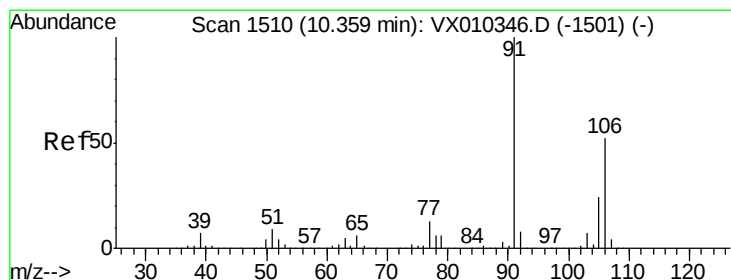
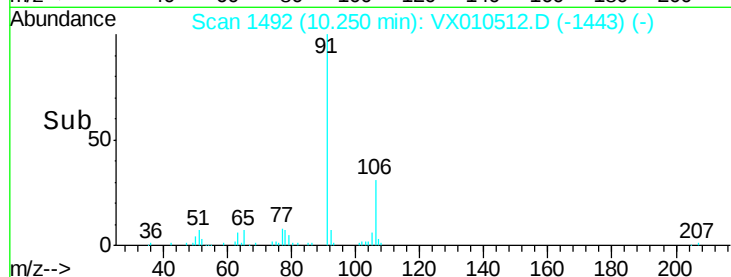
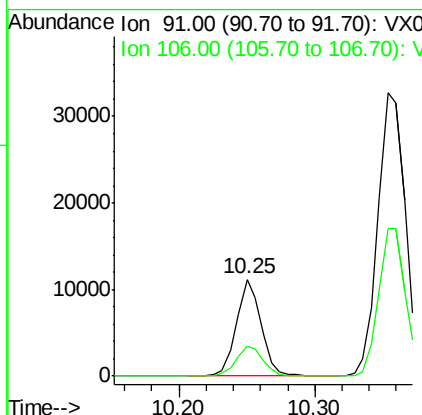
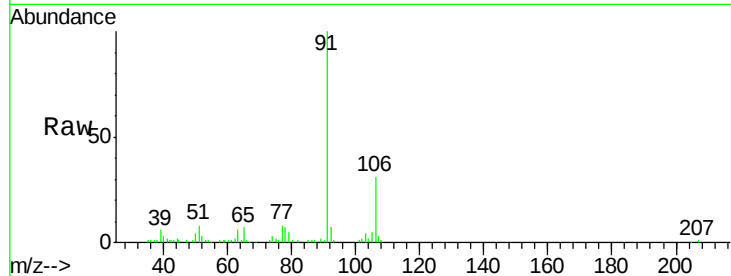




#67
Ethyl Benzene
Concen: 1.124 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

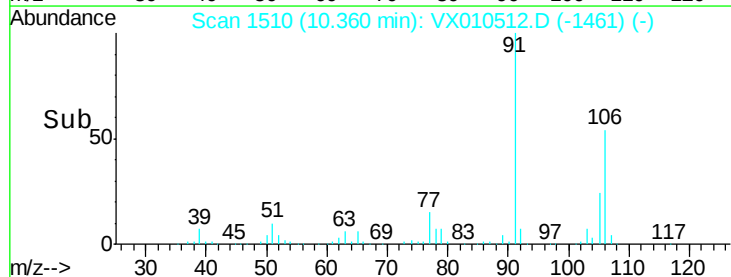
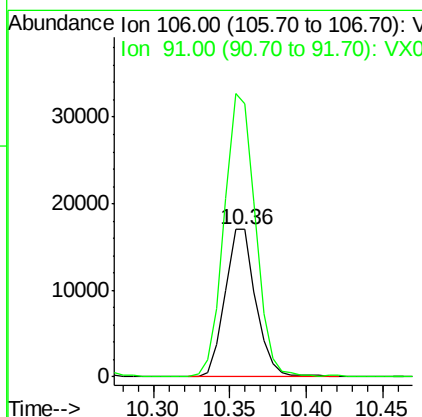
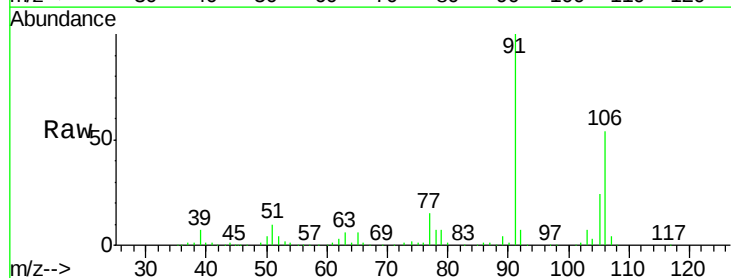
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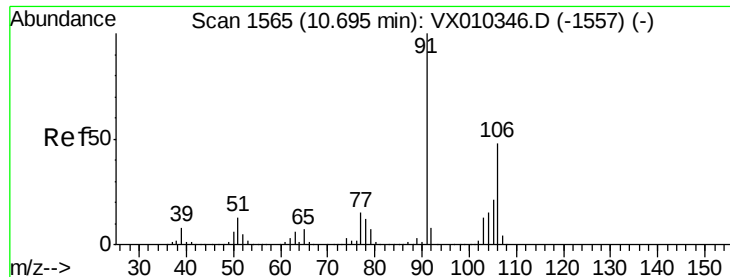
Tot Ion: 91 Resp: 14187
Ion Ratio Lower Upper
91 100
106 30.6 26.2 39.2



#68
m/p-Xylenes
Concen: 4.885 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion: 106 Resp: 23898
Ion Ratio Lower Upper
106 100
91 192.3 155.3 232.9

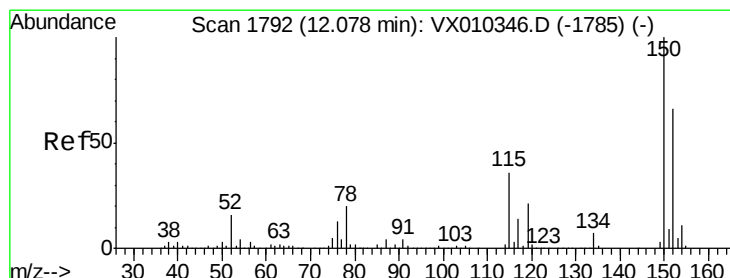
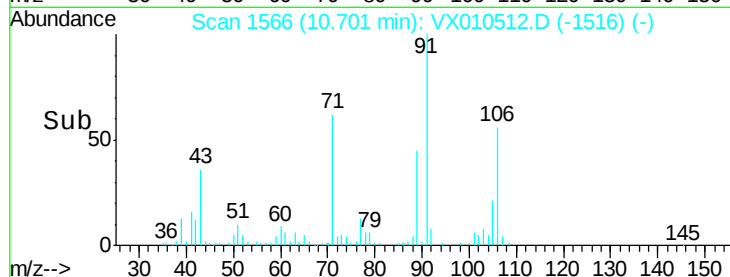
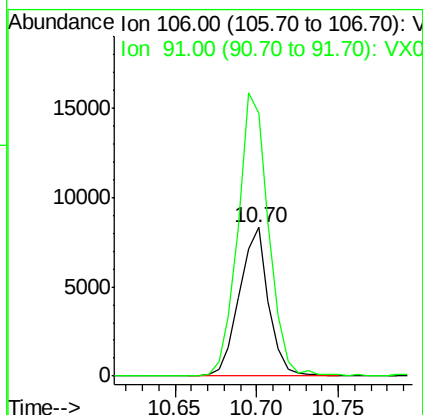
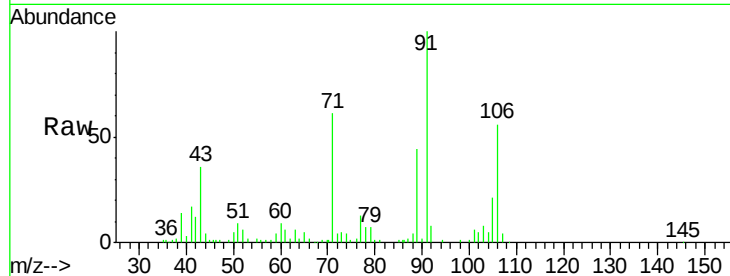




#69
o-Xylene
Concen: 2.169 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

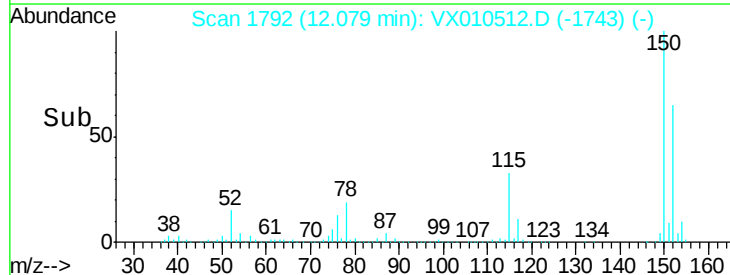
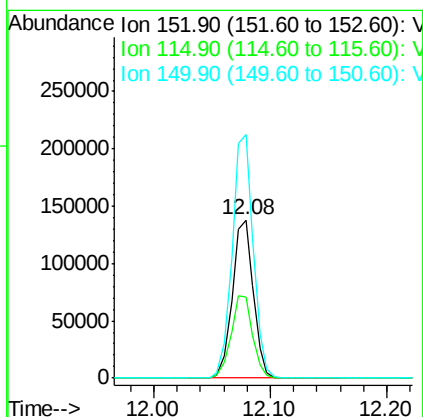
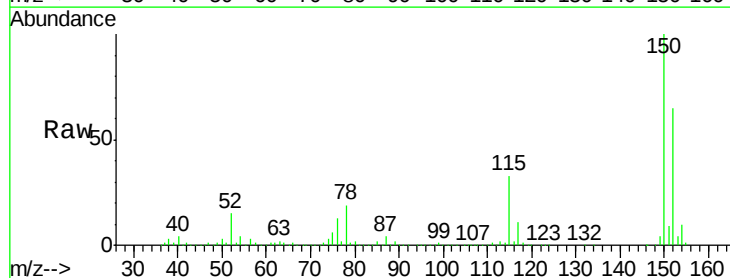
Instrument :
MSVOA_X
ClientSampleId :
SA-06-062619-A

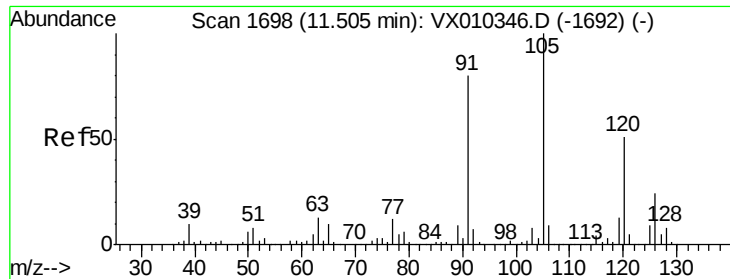
Tot Ion:106 Resp: 10435
Ion Ratio Lower Upper
106 100
91 199.1 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Tgt Ion:152 Resp: 172439
Ion Ratio Lower Upper
152 100
115 53.0 38.6 115.7
150 154.7 0.0 347.4

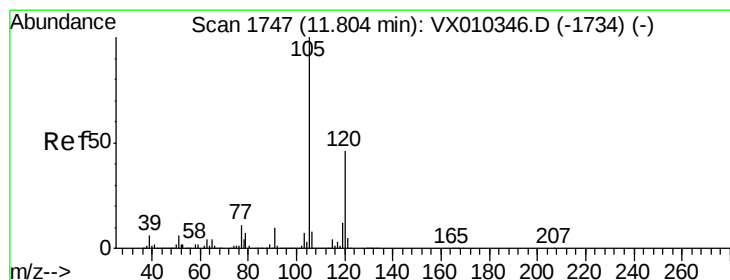
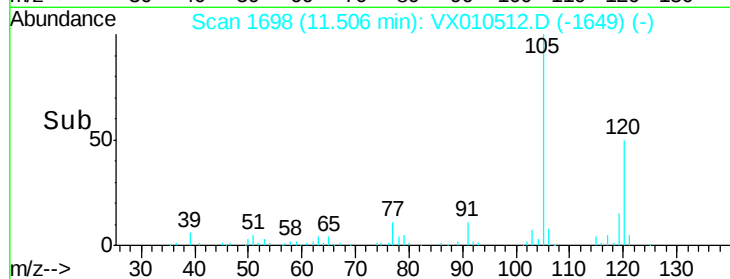
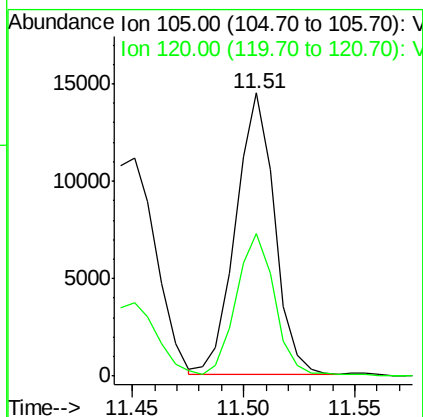
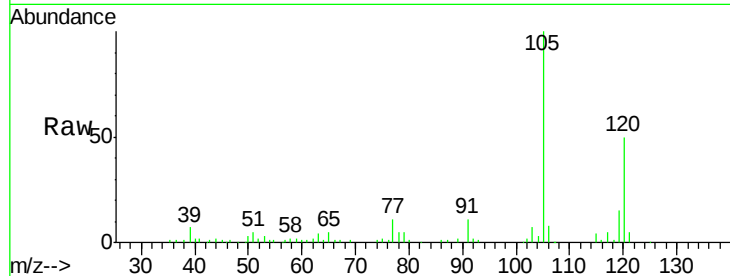




#80
 1,3,5-Trimethylbenzene
 Concen: 1.817 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

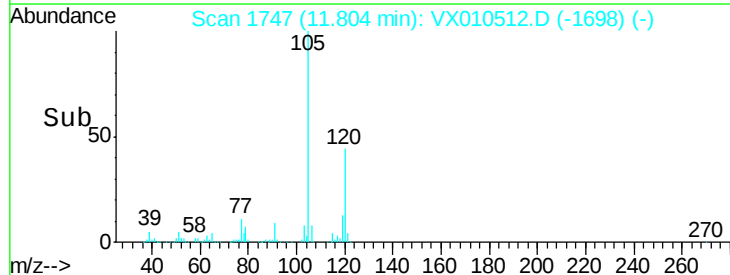
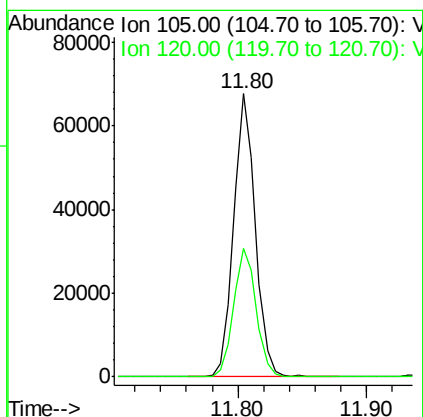
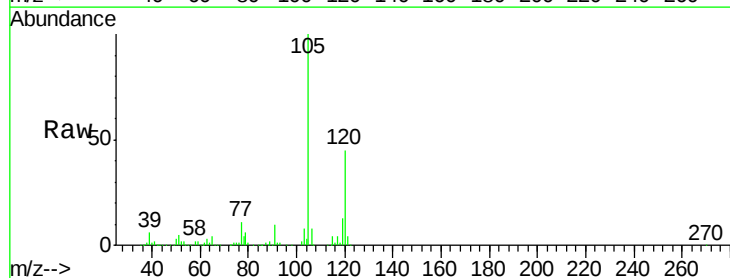
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-06-062619-A

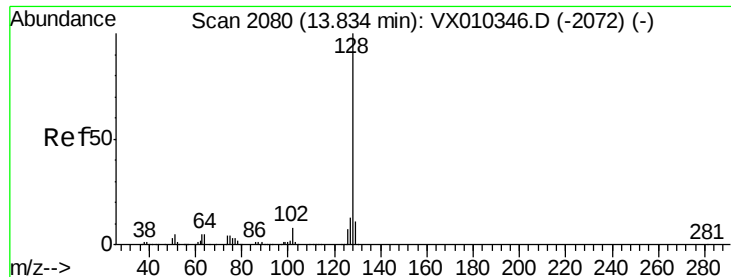
Tot Ion:105 Resp: 17507
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 8.226 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010512.D
 Acq: 28 Jun 2019 02:13

Tgt Ion:105 Resp: 79638
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2





#95
Naphthalene
Concen: 3.395 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010512.D
Acq: 28 Jun 2019 02:13

Instrument :
MSVOA_X
ClientSampleId :
SA-06-062619-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.8	8.9	13.3

