

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006747.D
 Acq On : 22 Dec 2018 02:38
 Operator : JC/MD
 Sample : J6200-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-122018

Quant Time: Dec 22 05:53:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	632742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1000485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	891514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	415449	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	341723	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	5.51	113	300521	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	1169169	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	393362	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	

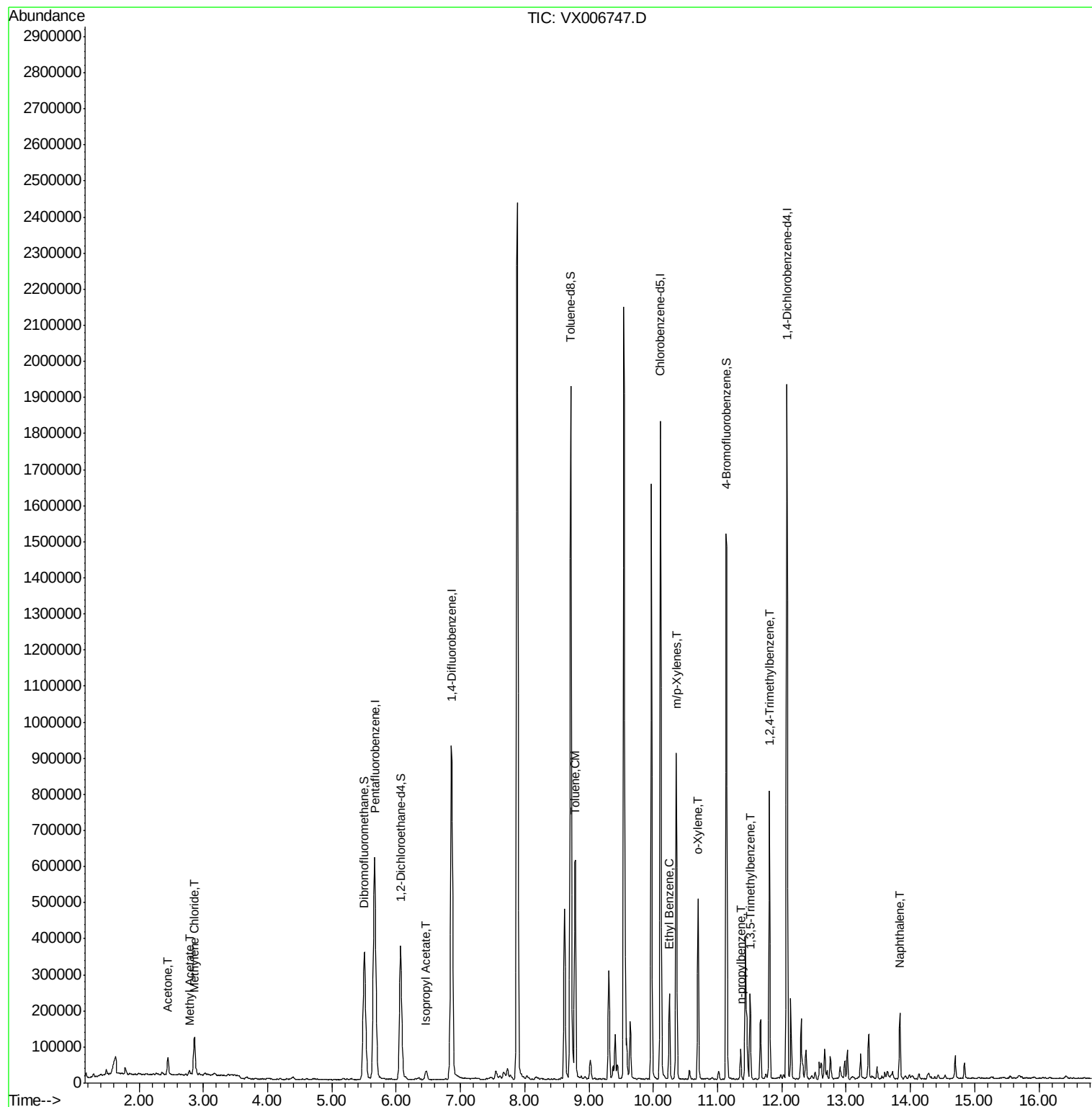
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	53025	16.924	ug/l	97
18) Methyl Acetate	2.78	43	14843	1.611	ug/l	98
20) Methylene Chloride	2.86	84	48108	7.426	ug/l	94
43) Isopropyl Acetate	6.46	43	30875	2.353	ug/l	95
52) Toluene	8.78	92	239287	14.705	ug/l	98
67) Ethyl Benzene	10.25	91	137936	4.476	ug/l	97
68) m/p-Xylenes	10.36	106	229665	18.885	ug/l	99
69) o-Xylene	10.70	106	95166	7.924	ug/l	100
78) n-propylbenzene	11.36	91	54608	1.745	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	102474	4.377	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	362938	14.740	ug/l	100
95) Naphthalene	13.83	128	117423	3.850	ug/l	98

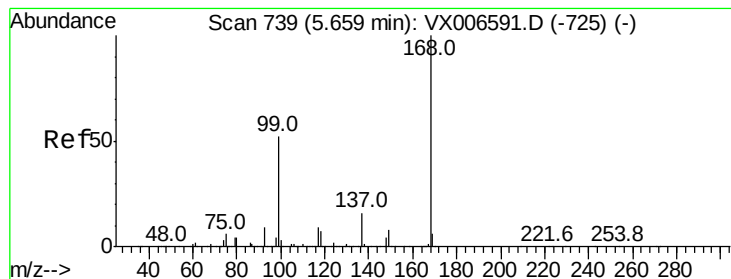
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

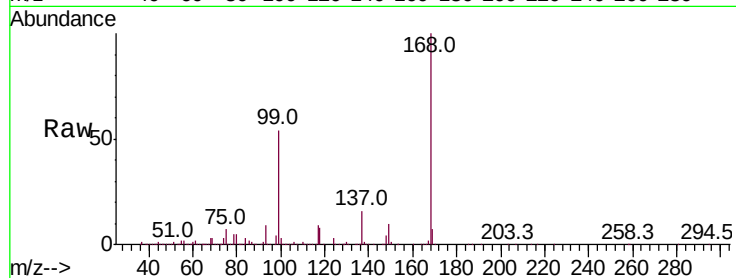
TR-05-122018

Tot Ion:168 Resp: 632742

Ion Ratio Lower Upper

168 100

99 53.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

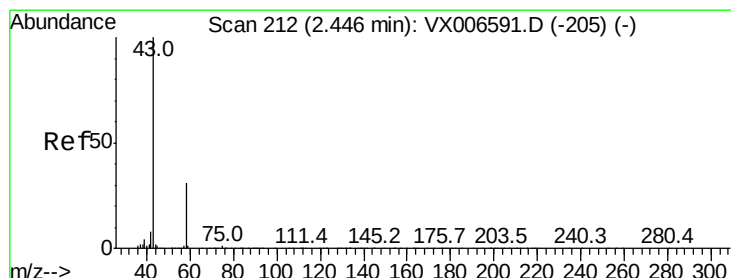
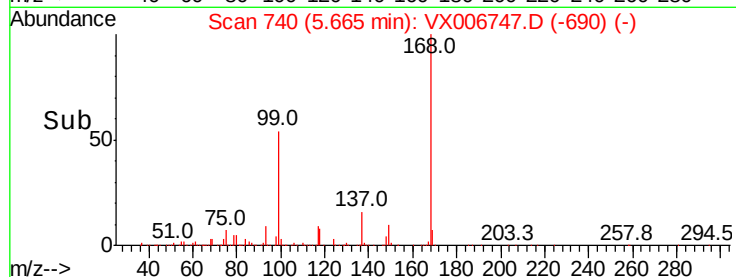
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.924 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006747.D

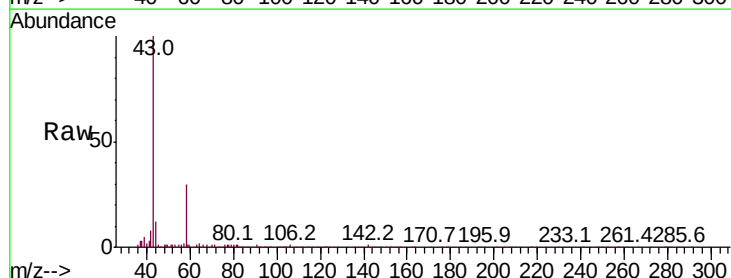
Acq: 22 Dec 2018 02:38

Tgt Ion: 43 Resp: 53025

Ion Ratio Lower Upper

43 100

58 29.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

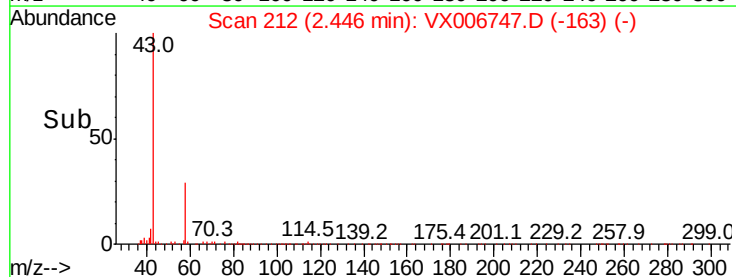
20000

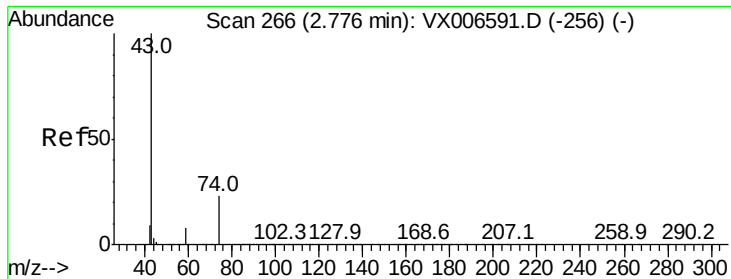
10000

0

Time-->

2.40 2.45 2.50 2.55

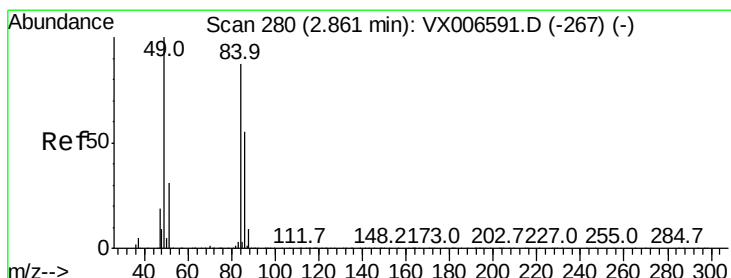
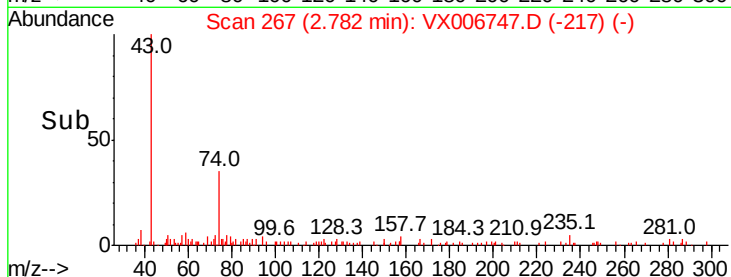
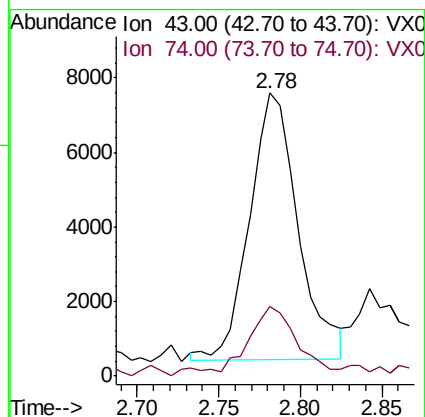
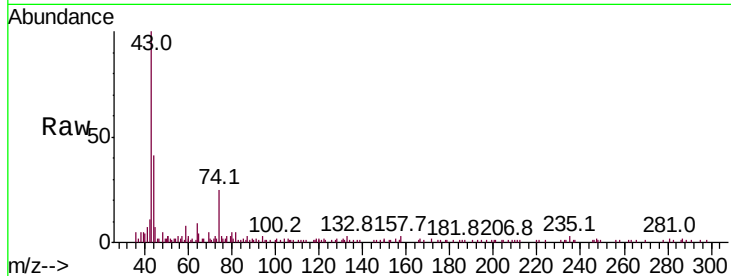




#18
Methvl Acetate
Concen: 1.611 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

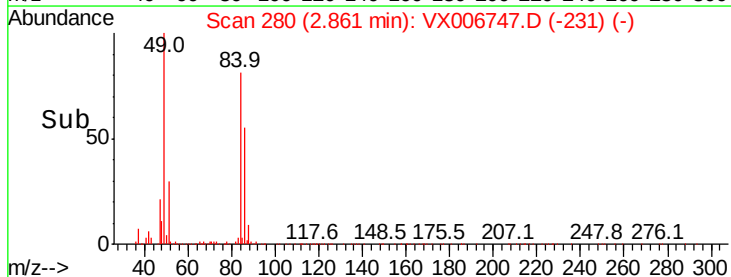
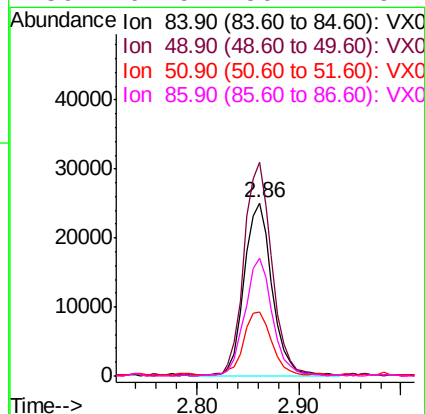
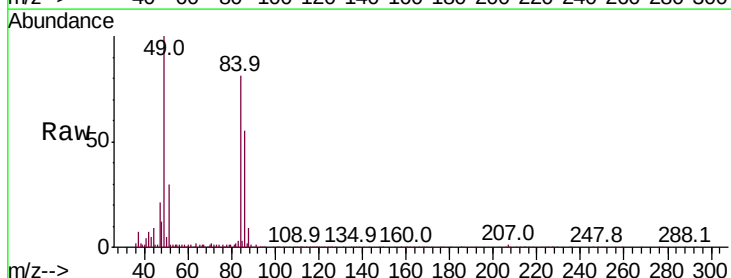
Instrument :
MSVOA_X
ClientSampleId :
TR-05-122018

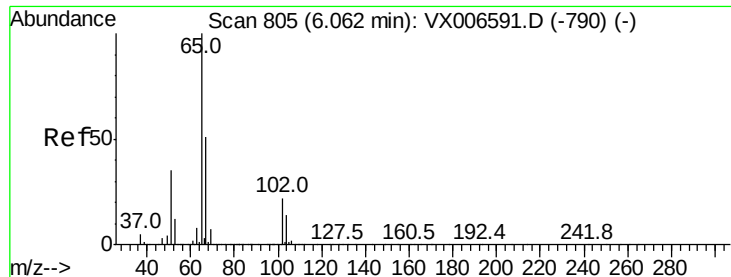
Tot Ion: 43 Resp: 14843
Ion Ratio Lower Upper
43 100
74 22.4 18.6 28.0



#20
Methylene Chloride
Concen: 7.426 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion: 84 Resp: 48108
Ion Ratio Lower Upper
84 100
49 123.2 91.8 137.6
51 36.4 28.5 42.7
86 67.5 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 50.110 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

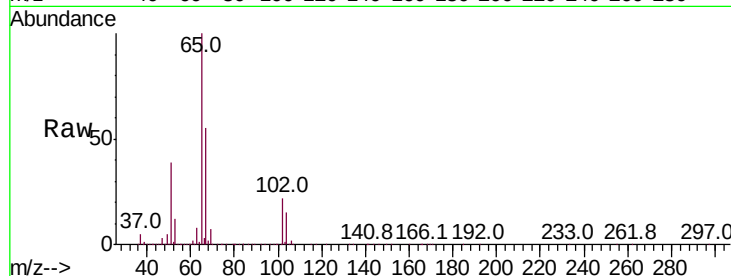
TR-05-122018

Tot Ion: 65 Resp: 341723

Ion Ratio Lower Upper

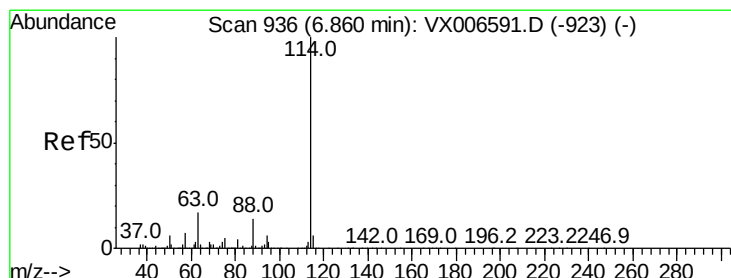
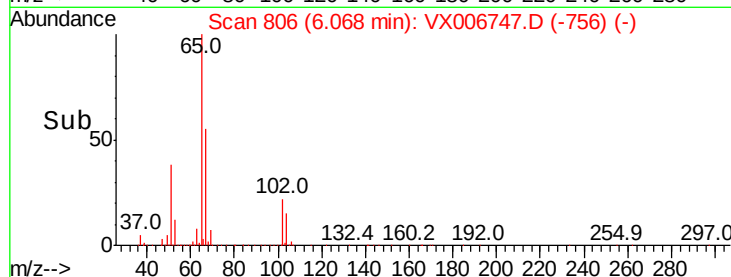
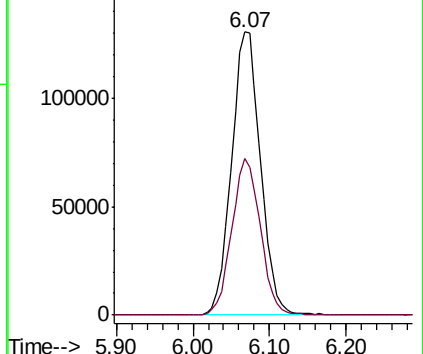
65 100

67 54.4 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

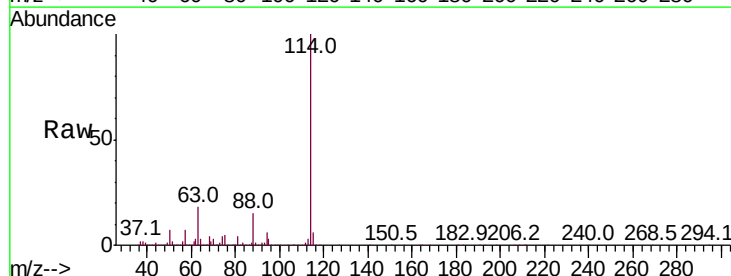
Tgt Ion: 114 Resp: 1000485

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

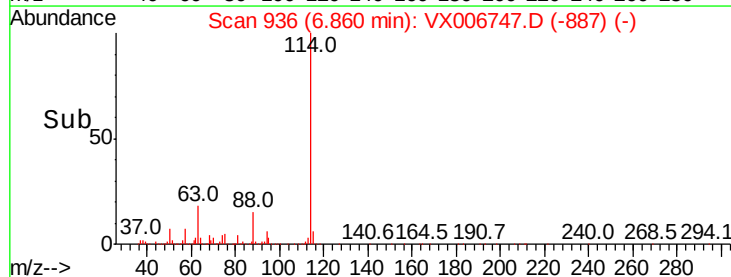
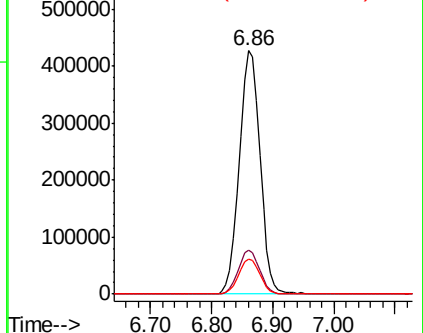
88 14.5 0.0 28.8

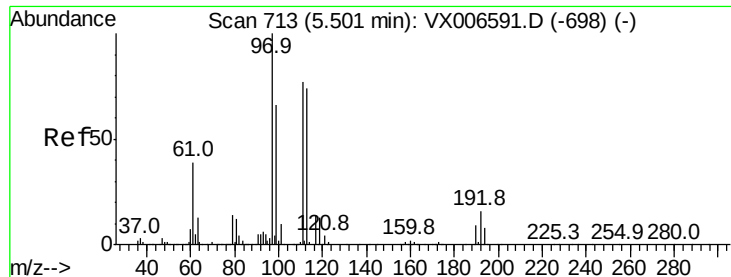


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.499 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampled :

TR-05-122018

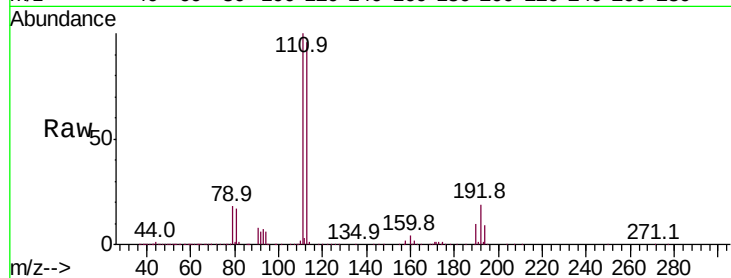
Tot Ion:113 Resp: 300521

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

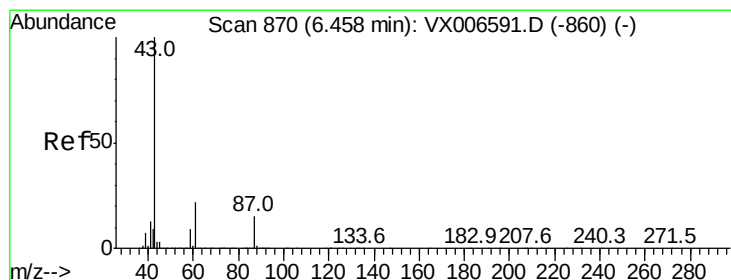
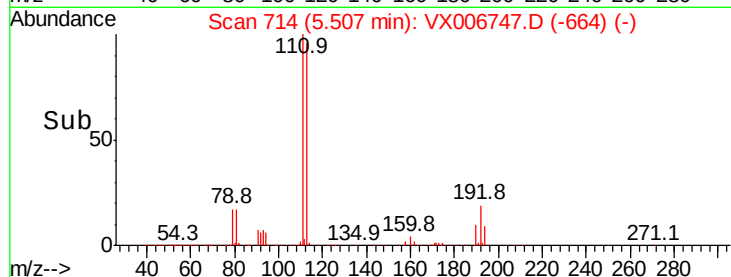
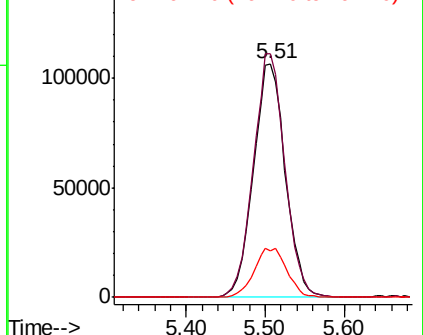
192 21.5 16.7 25.1



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: 2.353 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

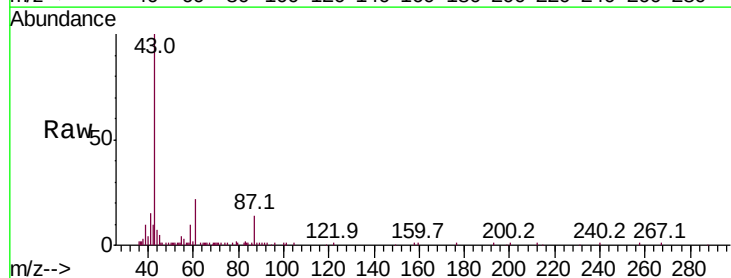
Tgt Ion: 43 Resp: 30875

Ion Ratio Lower Upper

43 100

61 23.0 16.8 25.2

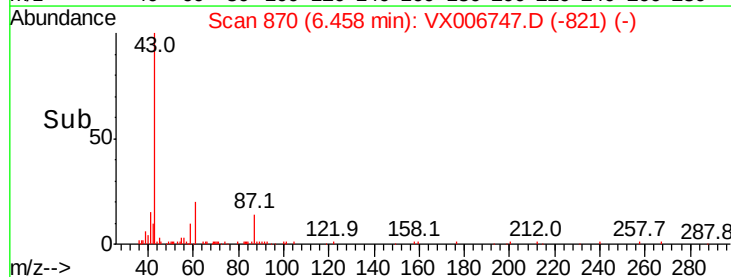
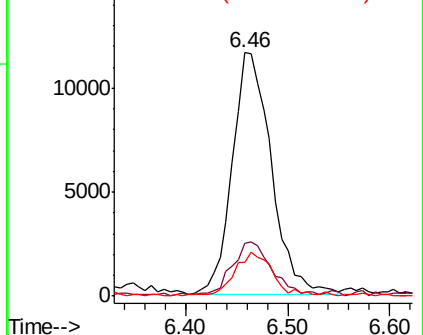
87 18.1 12.4 18.6

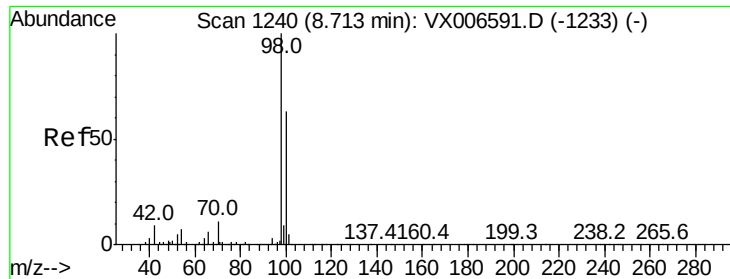


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

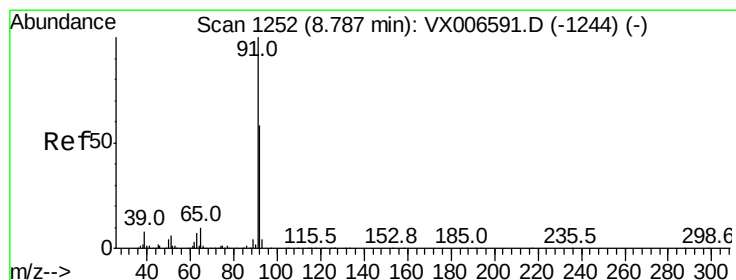
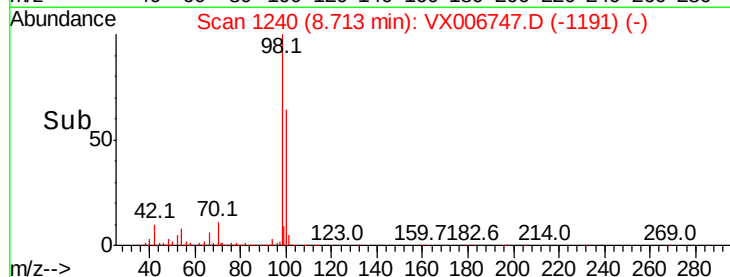
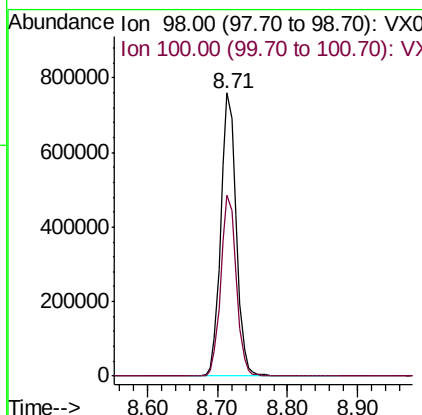
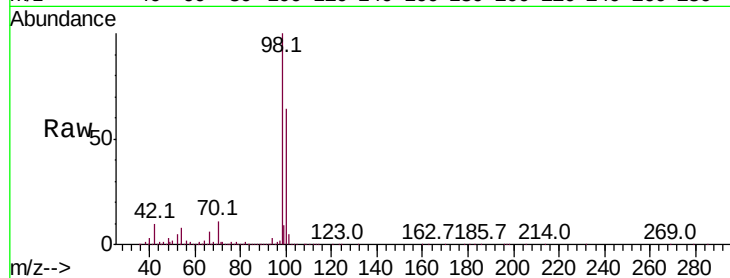




#50
Toluene-d8
Concen: 49.017 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

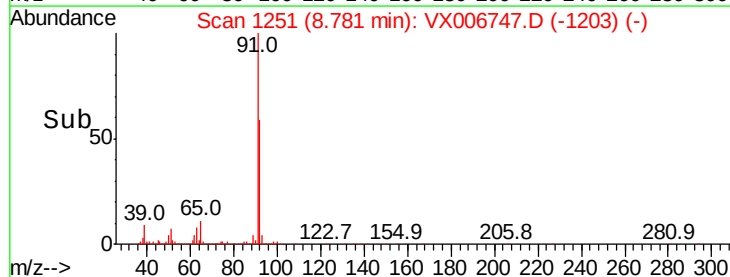
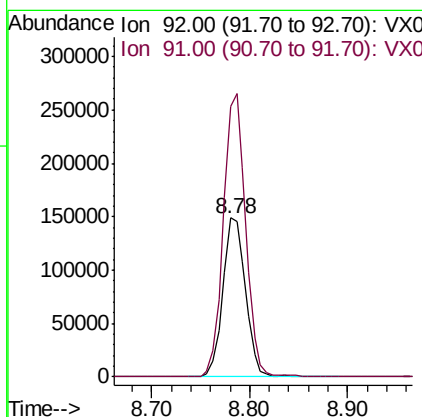
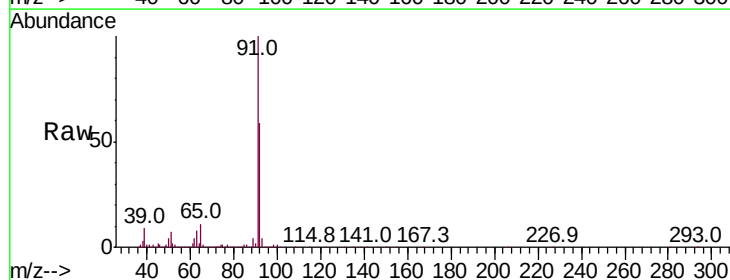
Instrument :
MSVOA_X
ClientSampleId :
TR-05-122018

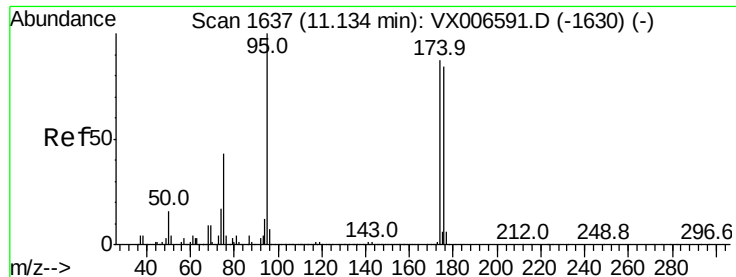
Tot Ion: 98 Resp: 1169169
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#52
Toluene
Concen: 14.705 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion: 92 Resp: 239287
Ion Ratio Lower Upper
92 100
91 175.2 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 45.029 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

TR-05-122018

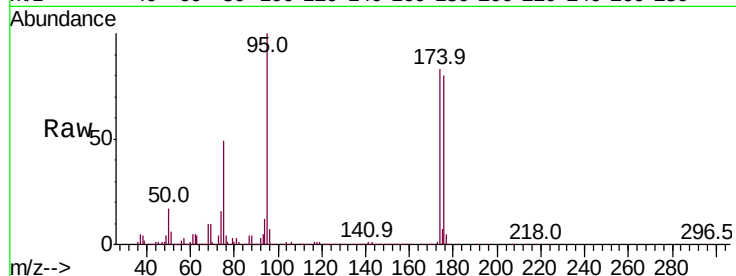
Tot Ion: 95 Resp: 393362

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.2

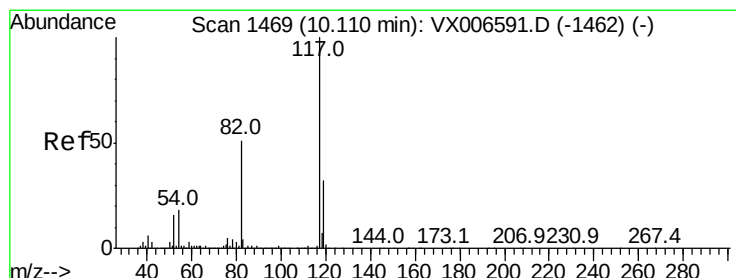
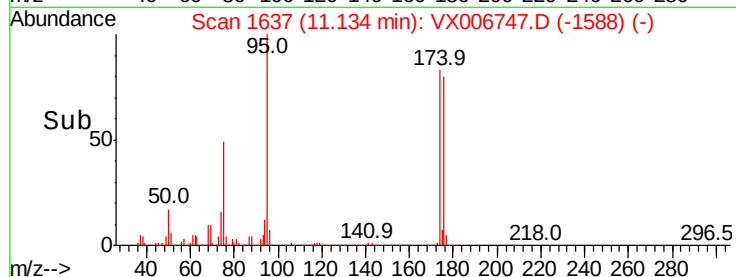
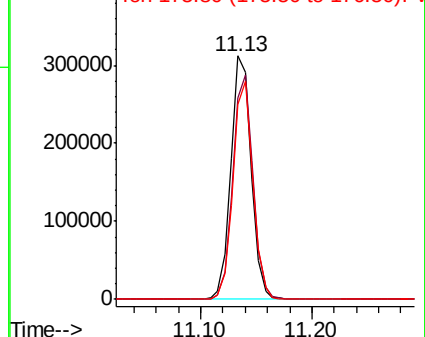
176 87.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

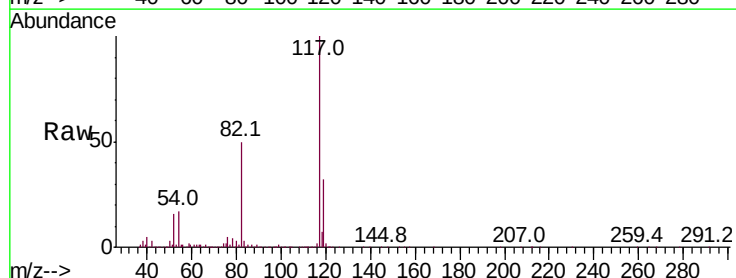
Tgt Ion: 117 Resp: 891514

Ion Ratio Lower Upper

117 100

82 49.9 41.0 61.6

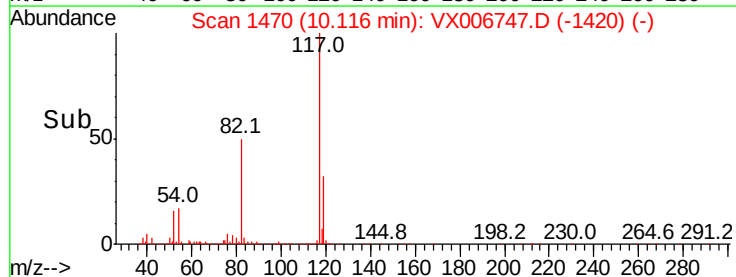
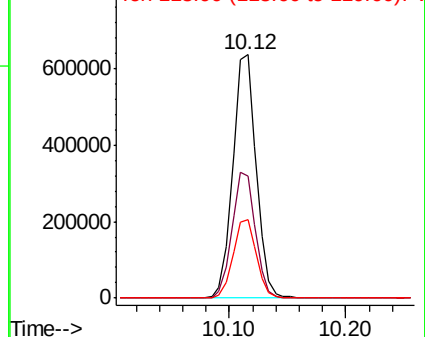
119 32.2 25.4 38.0

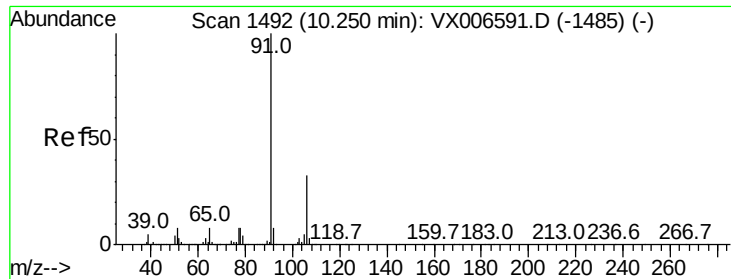


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#67

Ethyl Benzene

Concen: 4.476 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

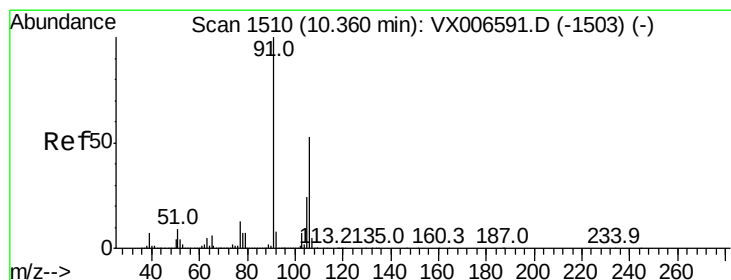
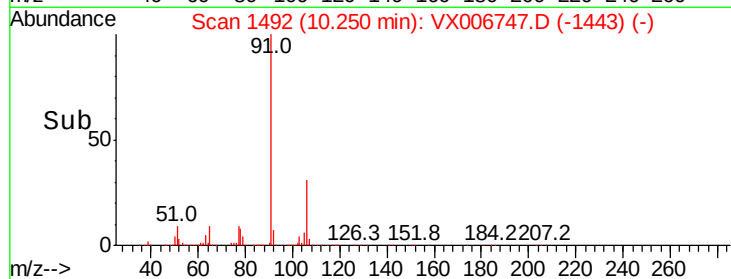
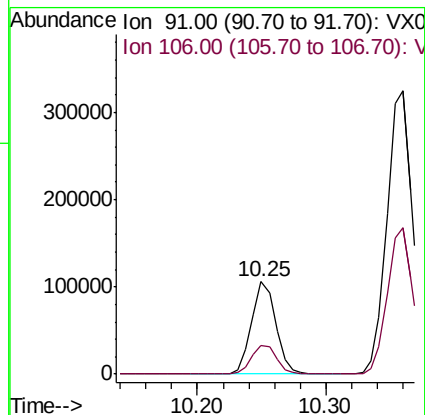
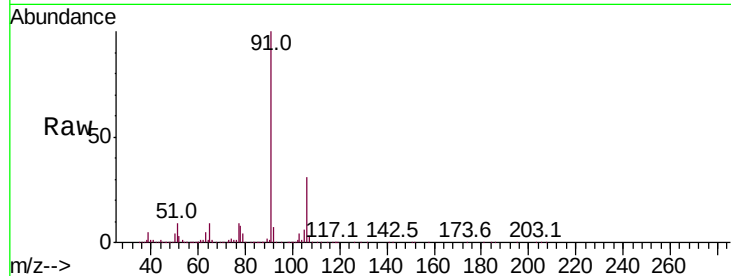
TR-05-122018

Tot Ion: 91 Resp: 137936

Ion Ratio Lower Upper

91 100

106 31.0 26.4 39.6



#68

m/p-Xylenes

Concen: 18.885 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006747.D

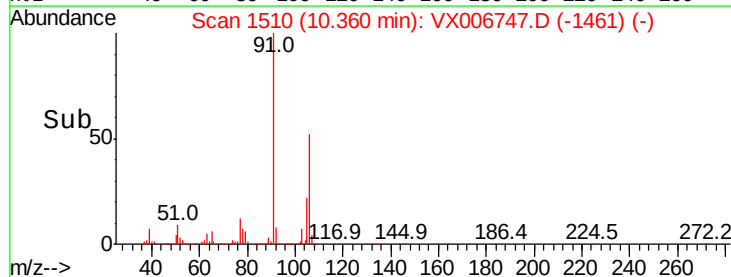
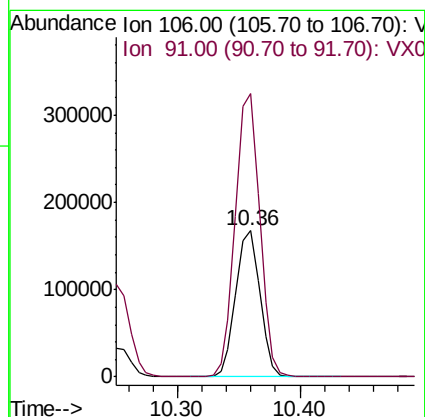
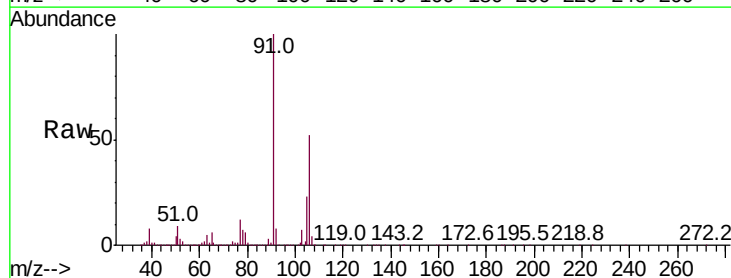
Acq: 22 Dec 2018 02:38

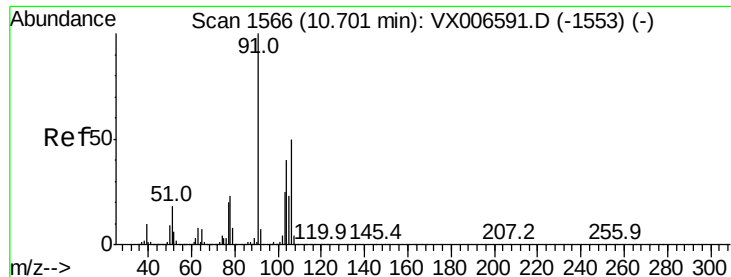
Tgt Ion: 106 Resp: 229665

Ion Ratio Lower Upper

106 100

91 195.7 155.8 233.6

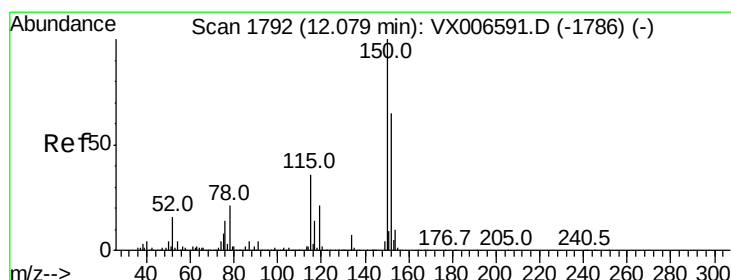
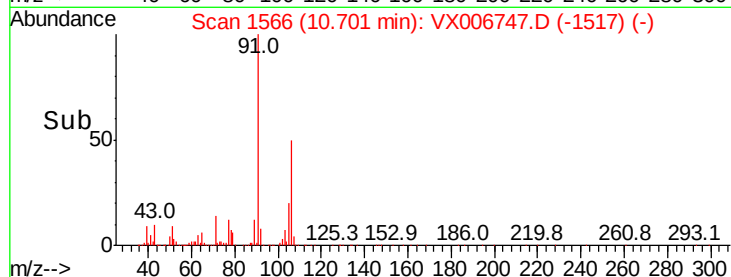
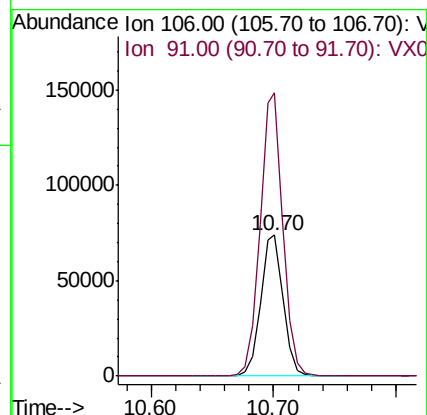
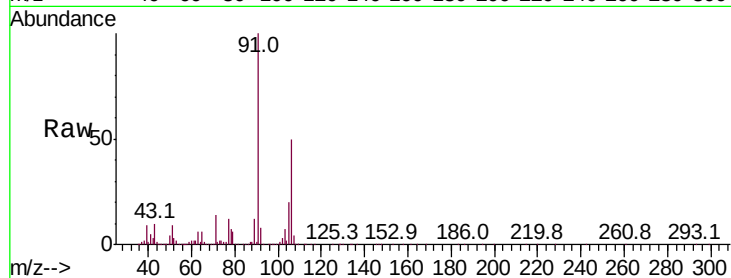




#69
o-Xylene
Concen: 7.924 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

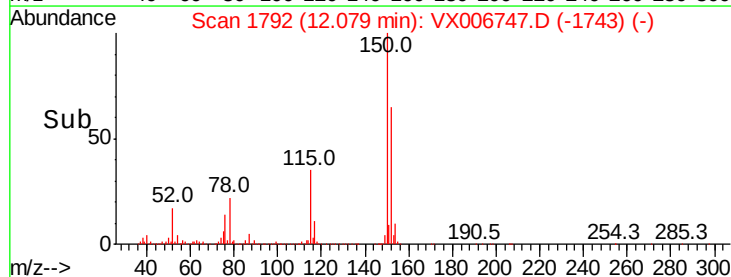
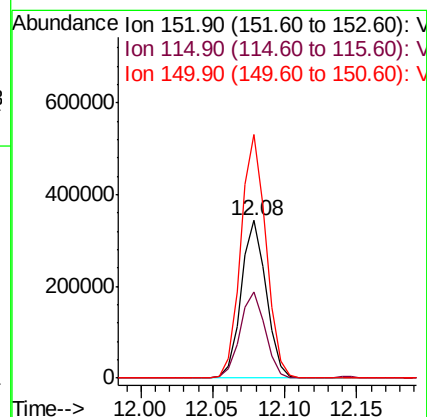
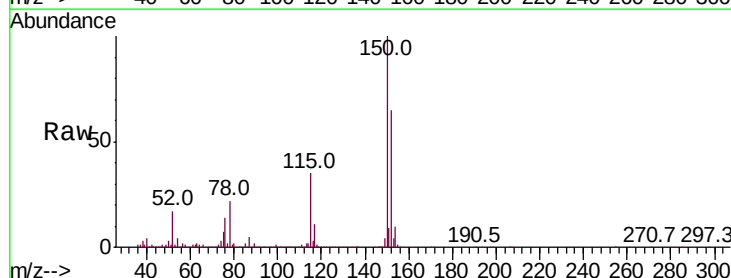
Instrument :
MSVOA_X
ClientSampleId :
TR-05-122018

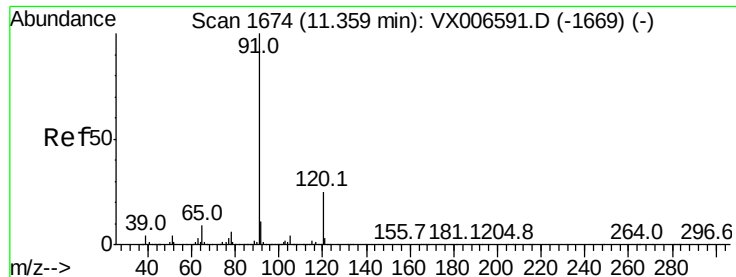
Tot Ion:106 Resp: 95166
Ion Ratio Lower Upper
106 100
91 202.9 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006747.D
Acq: 22 Dec 2018 02:38

Tgt Ion:152 Resp: 415449
Ion Ratio Lower Upper
152 100
115 55.1 39.1 117.2
150 155.6 0.0 344.8





#78

n-propylbenzene

Concen: 1.745 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

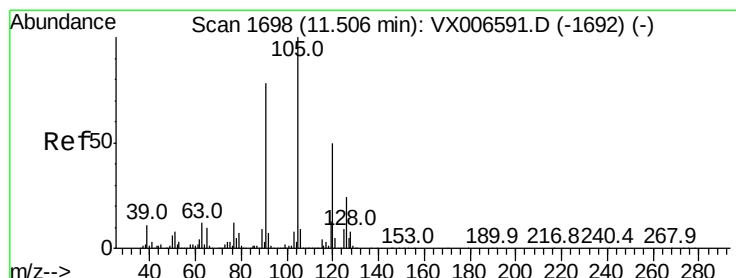
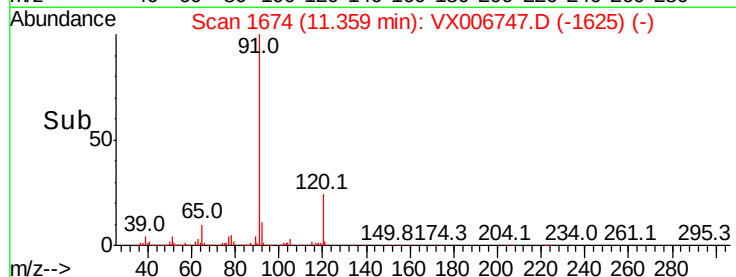
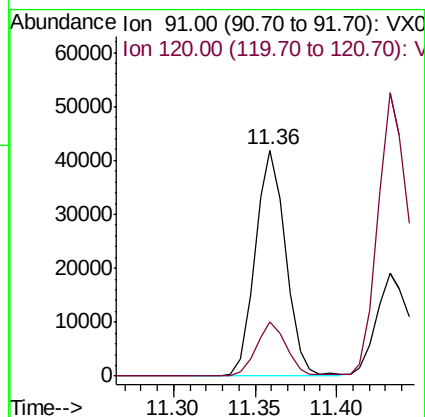
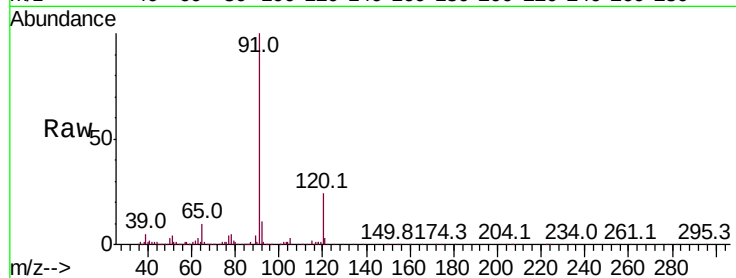
TR-05-122018

Tot Ion: 91 Resp: 54608

Ion Ratio Lower Upper

91 100

120 23.7 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 4.377 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006747.D

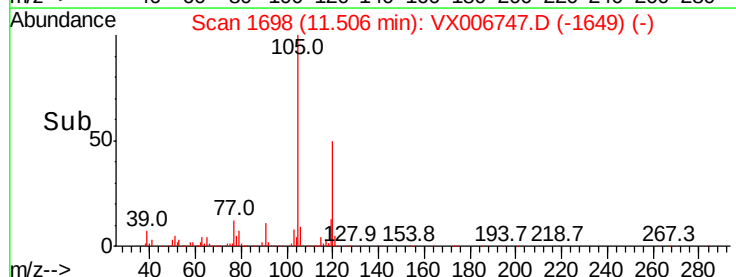
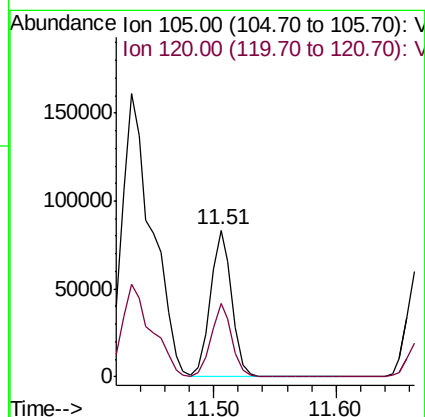
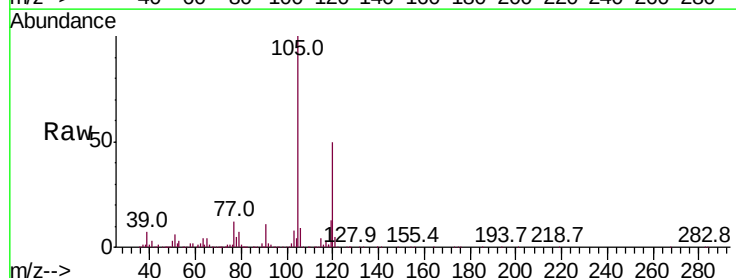
Acq: 22 Dec 2018 02:38

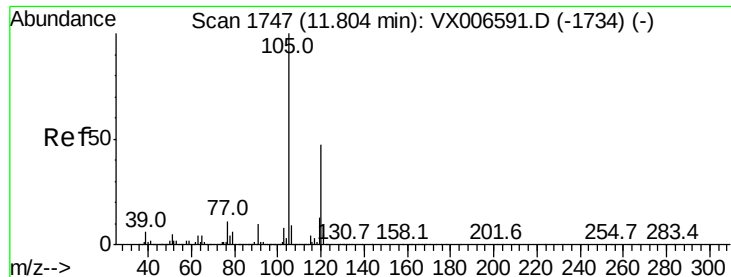
Tgt Ion: 105 Resp: 102474

Ion Ratio Lower Upper

105 100

120 48.0 25.1 75.3





#84

1,2,4-Trimethylbenzene

Concen: 14.740 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

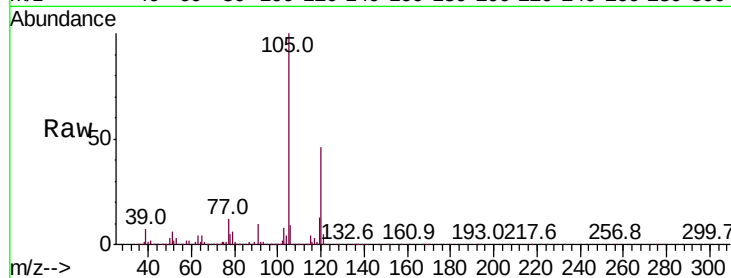
TR-05-122018

Tot Ion:105 Resp: 362938

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

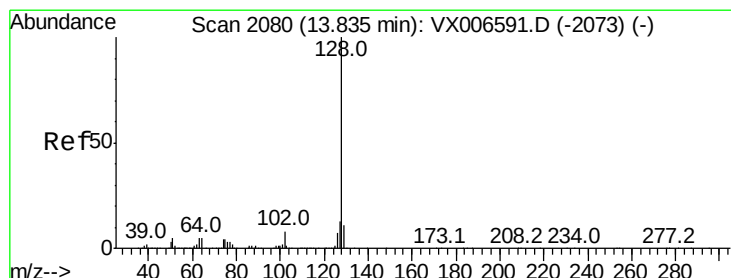
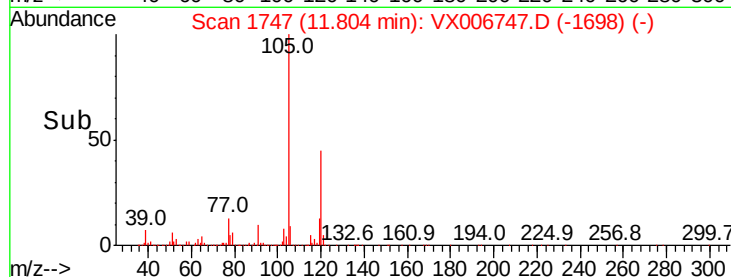
300000

200000

100000

0

Time--> 11.75 11.80 11.85



#95

Naphthalene

Concen: 3.850 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006747.D

Acq: 22 Dec 2018 02:38

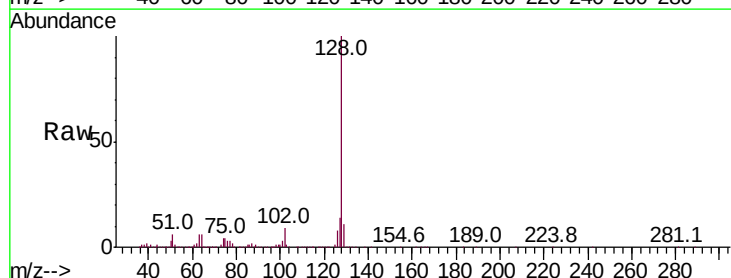
Tgt Ion:128 Resp: 117423

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.7 8.6 13.0



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

13.83

120000

100000

80000

60000

40000

20000

0

Time--> 13.75 13.80 13.85 13.90

