

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002542.D
 Acq On : 14 Jun 2018 07:08
 Operator : JC/MD
 Sample : J3413-10
 Misc : 7.51µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P-9AR

Quant Time: Jun 14 07:49:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	286012	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	404406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261164	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	181832	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
35) Dibromofluoromethane	5.51	113	134291	42.23	ug/l	0.00
Spiked Amount			Recovery	=	84.46%	
50) Toluene-d8	8.72	98	571801	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.15	95	237048	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	

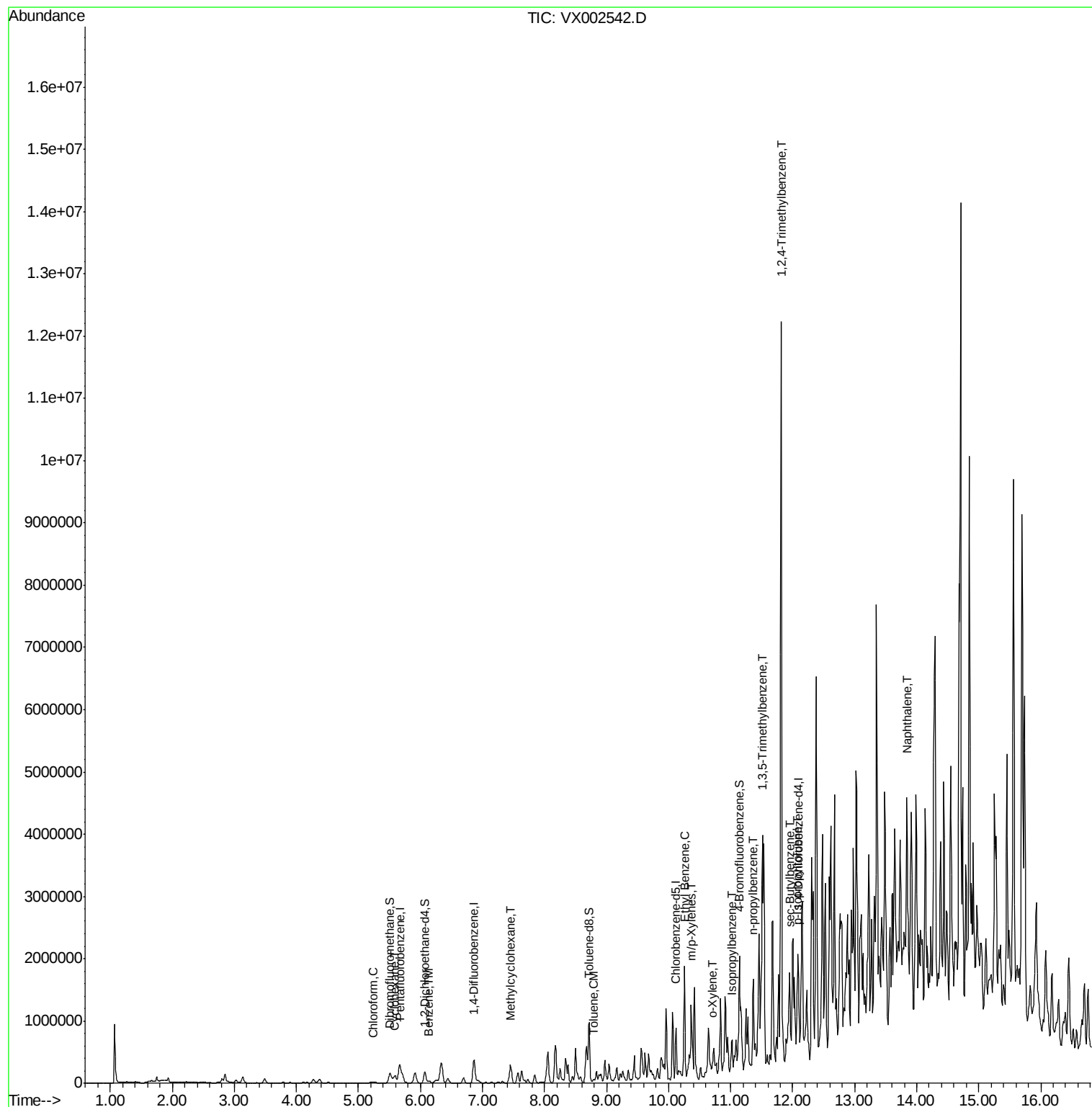
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	5.24	83	3576	0.567	ug/l	87
31) Cyclohexane	5.57	56	51632	9.998	ug/l #	74
39) Methylcyclohexane	7.46	83	122670	23.495	ug/l	98
40) Benzene	6.13	78	38233	2.933	ug/l	95
52) Toluene	8.79	92	10691	1.289	ug/l	99
67) Ethyl Benzene	10.26	91	947849	58.396	ug/l	98
68) m/p-Xylenes	10.37	106	206843	32.782	ug/l	100
69) o-Xylene	10.70	106	24170	3.849	ug/l	98
73) Isopropylbenzene	11.02	105	235045	12.937	ug/l	100
78) n-propylbenzene	11.37	91	886451	43.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1429280	91.721	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	4975472	310.175	ug/l	97
85) sec-Butylbenzene	11.95	105	328818	18.484	ug/l	78
86) p-Isopropyltoluene	12.07	119	214772	13.254	ug/l	98
95) Naphthalene	13.84	128	2026126	106.584	ug/l #	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
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Quant Time: Jun 14 07:49:54 2018
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampleId :

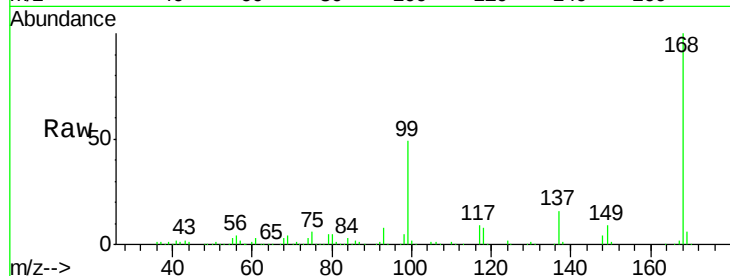
P-9AR

Tot Ion:168 Resp: 286012

Ion Ratio Lower Upper

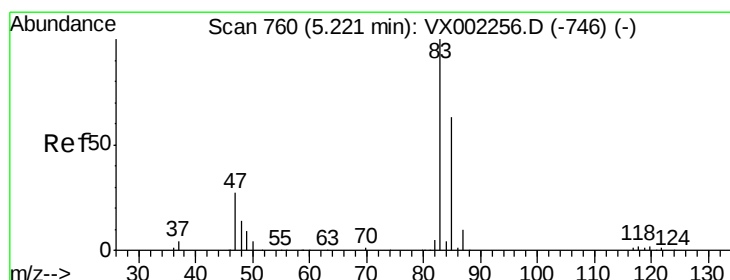
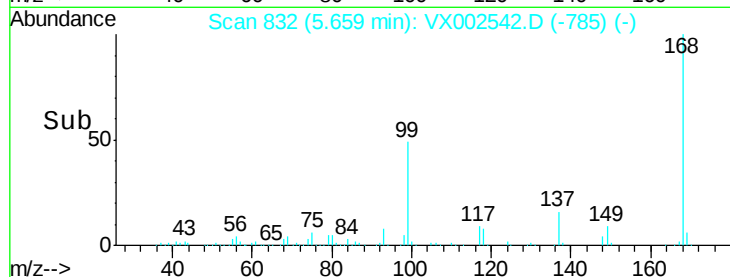
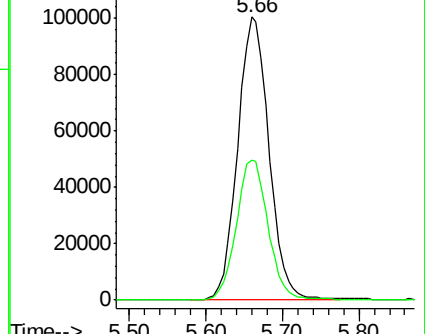
168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 0.567 ug/l

RT: 5.24 min Scan# 764

Delta R.T. 0.02 min

Lab File: VX002542.D

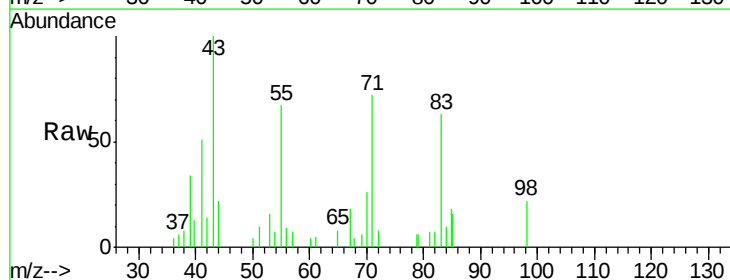
Acq: 14 Jun 2018 07:08

Tgt Ion: 83 Resp: 3576

Ion Ratio Lower Upper

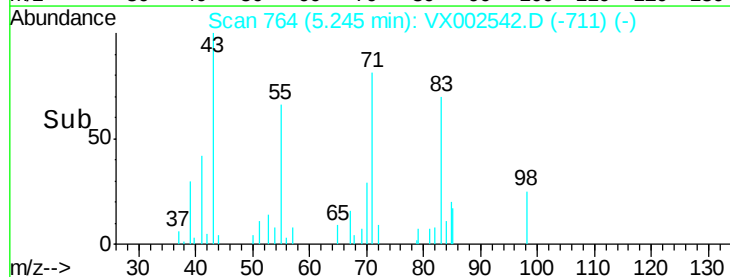
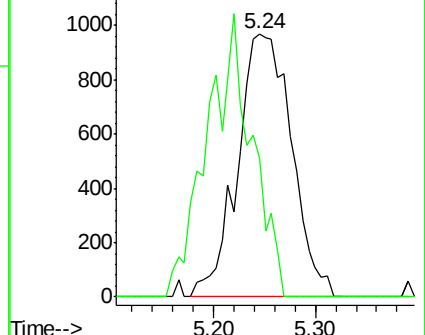
83 100

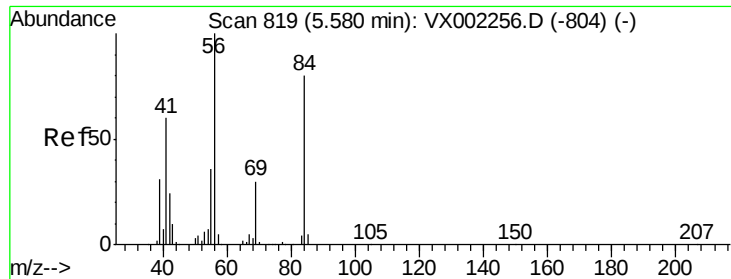
85 52.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 9.998 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampled :

P-9AR

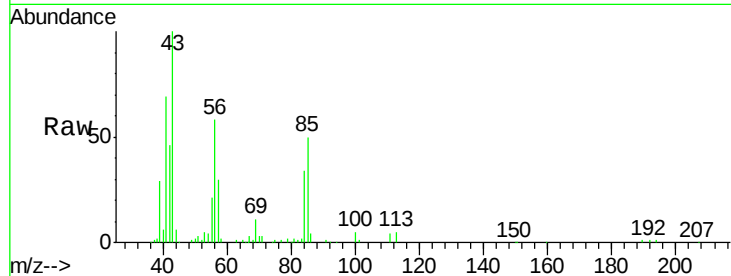
Tot Ion: 56 Resp: 51632

Ion Ratio Lower Upper

56 100

69 14.6 23.7 35.5#

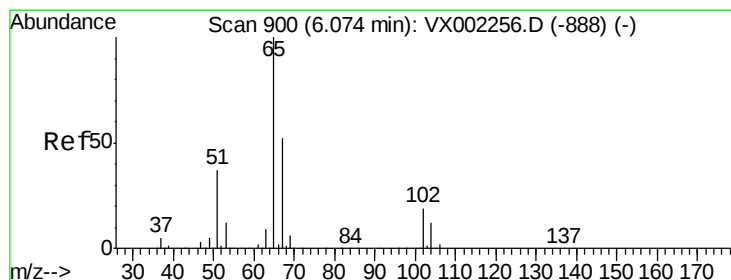
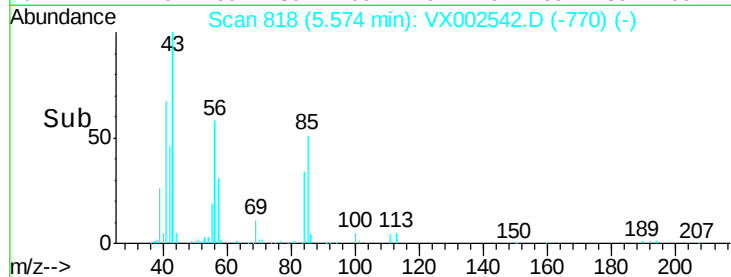
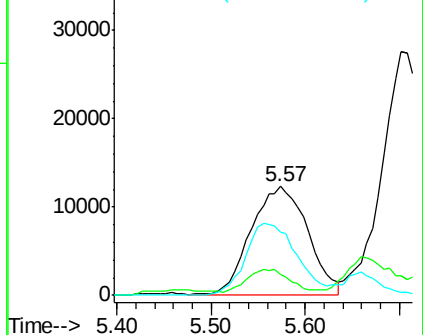
84 58.2 64.1 96.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.046 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002542.D

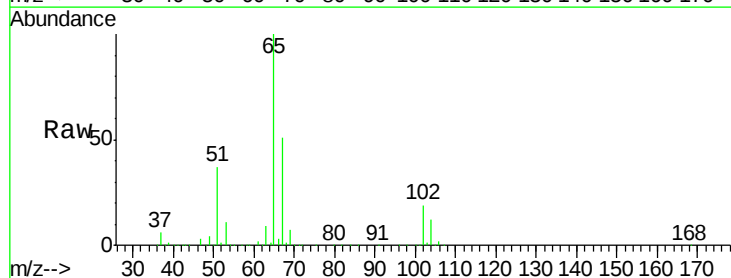
Acq: 14 Jun 2018 07:08

Tgt Ion: 65 Resp: 181832

Ion Ratio Lower Upper

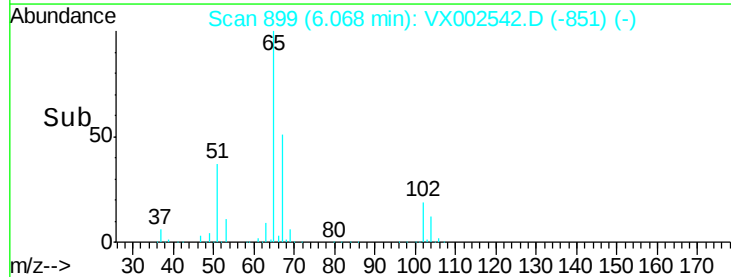
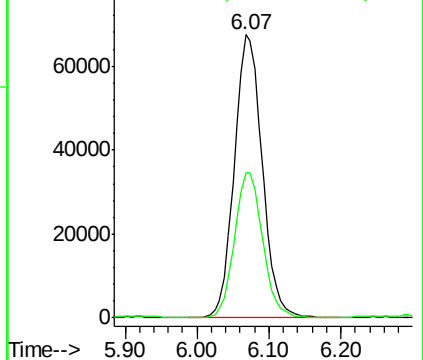
65 100

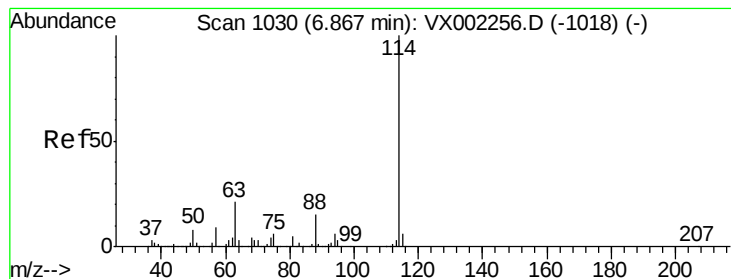
67 52.0 0.0 102.6



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# 1029

Delta R.T. -0.01 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampleId :

P-9AR

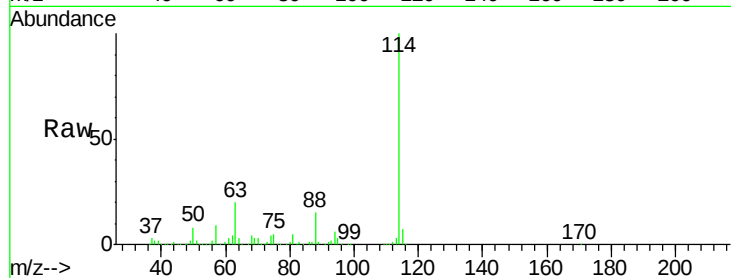
Tot Ion:114 Resp: 404406

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

88 15.4 0.0 30.0



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

6.86

200000

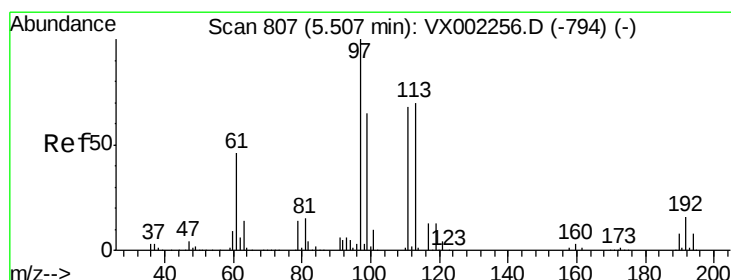
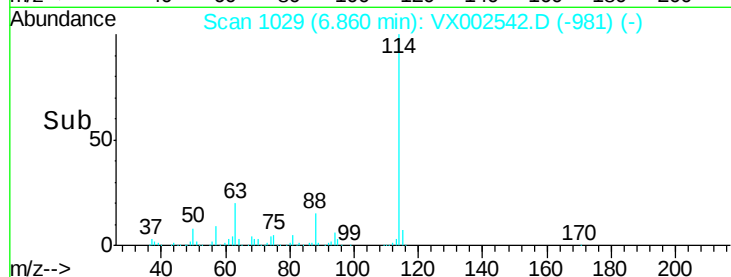
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 42.226 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

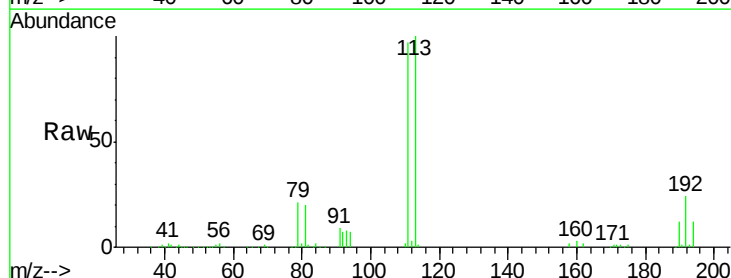
Tgt Ion:113 Resp: 134291

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 24.3 19.1 28.7



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

5.51

60000

50000

40000

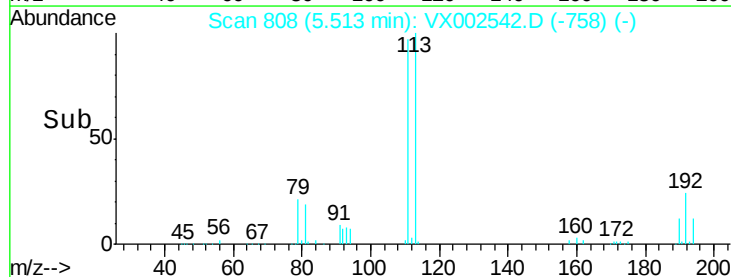
30000

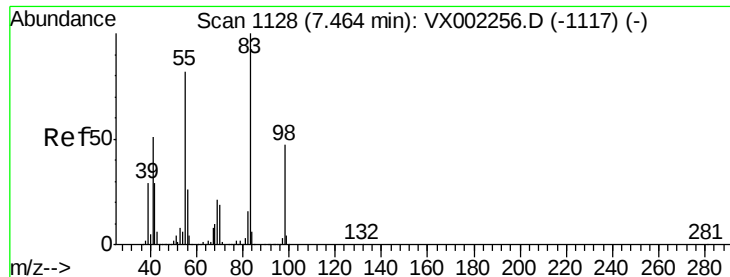
20000

10000

0

Time-->

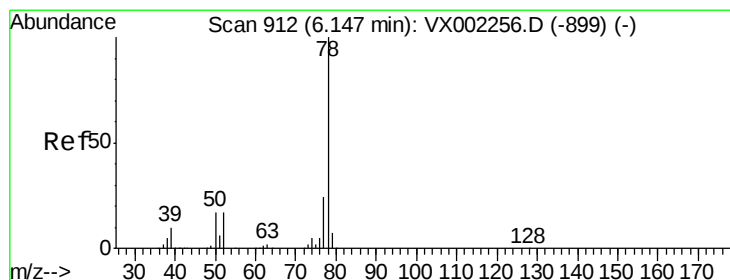
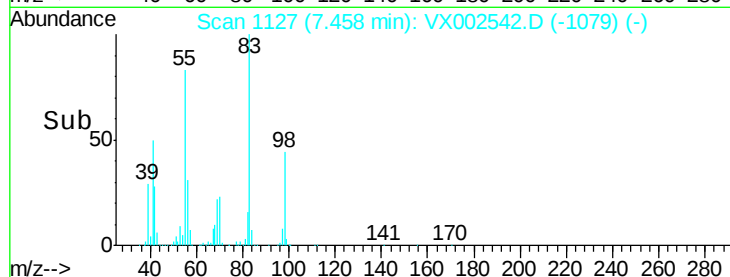
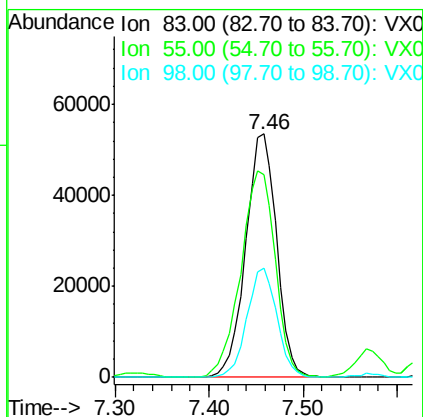
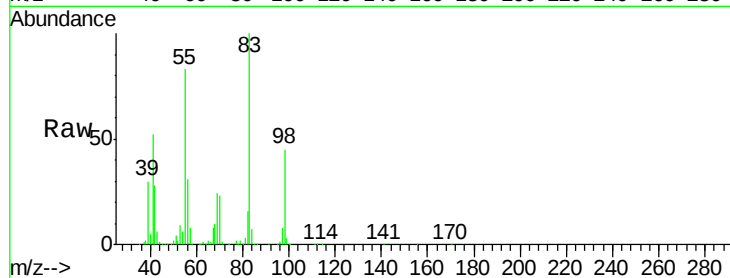




#39
Methvlcvclohexane
Concen: 23.495 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002542.D
Acq: 14 Jun 2018 07:08

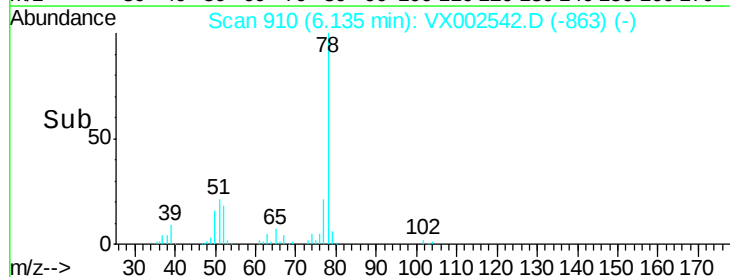
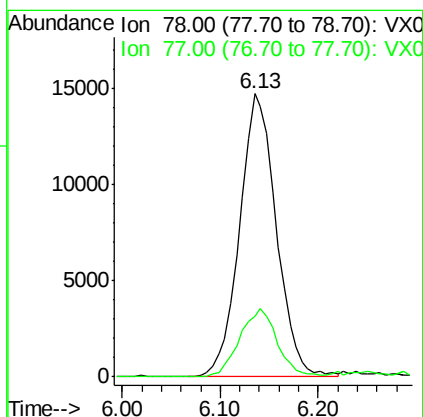
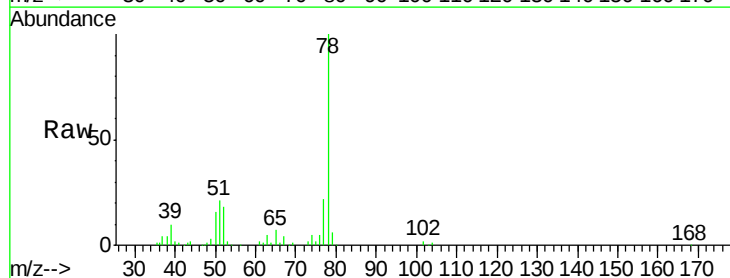
Instrument :
MSVOA_X
ClientSampleId :
P-9AR

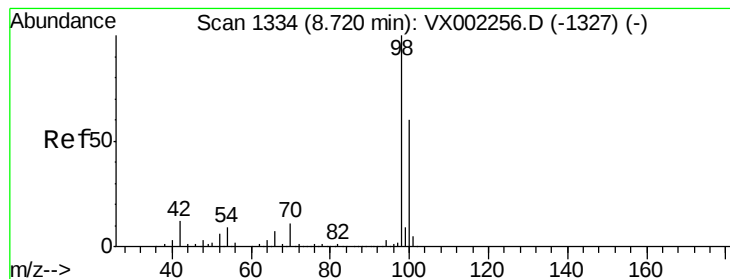
Tot Ion: 83 Resp: 122670
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.0
98 44.9 37.4 56.0



#40
Benzene
Concen: 2.933 ug/l
RT: 6.13 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX002542.D
Acq: 14 Jun 2018 07:08

Tgt Ion: 78 Resp: 38233
Ion Ratio Lower Upper
78 100
77 21.6 19.1 28.7





#50

Toluene-d8

Concen: 46.908 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampleId :

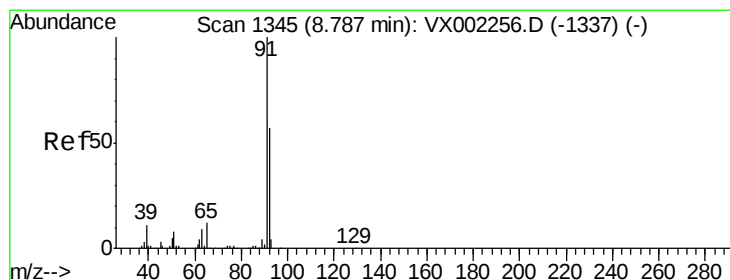
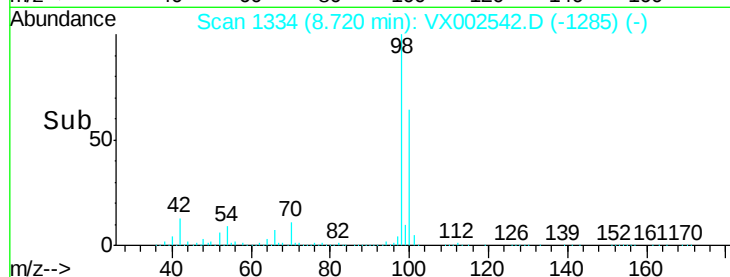
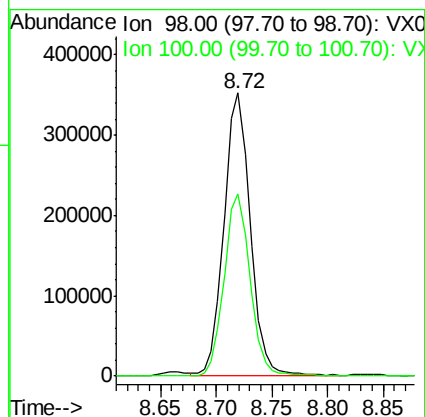
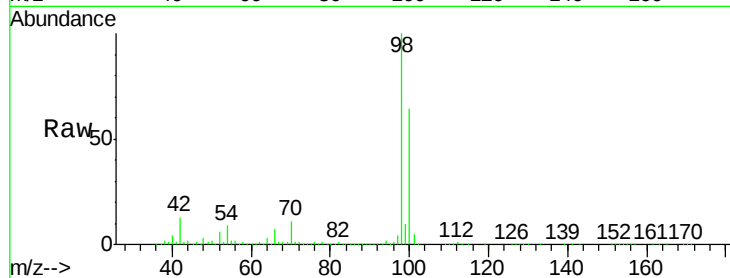
P-9AR

Tot Ion: 98 Resp: 571801

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#52

Toluene

Concen: 1.289 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002542.D

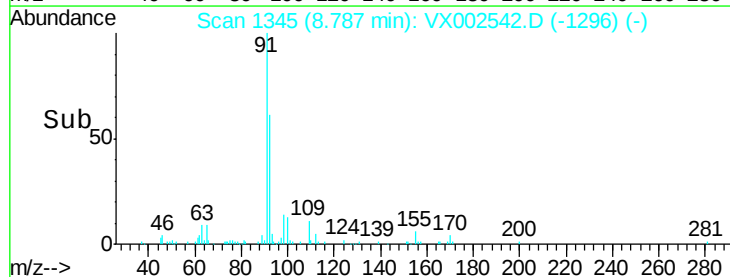
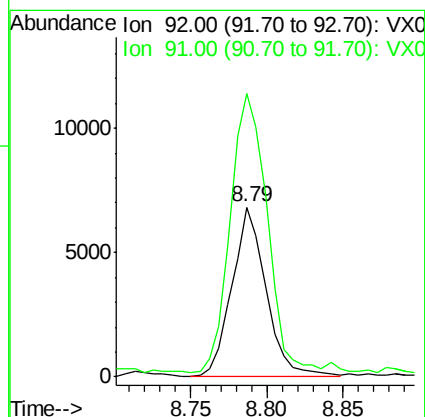
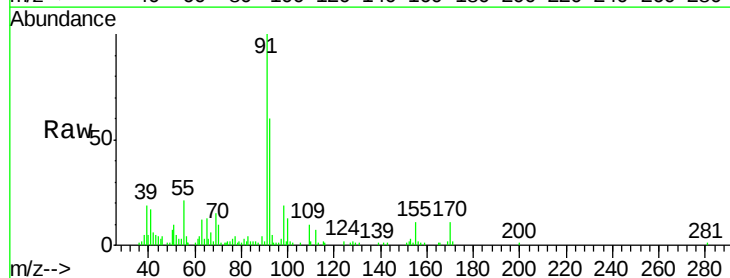
Acq: 14 Jun 2018 07:08

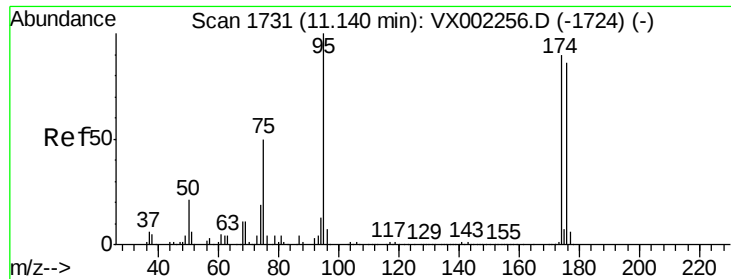
Tgt Ion: 92 Resp: 10691

Ion Ratio Lower Upper

92 100

91 176.2 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 50.430 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampled :

P-9AR

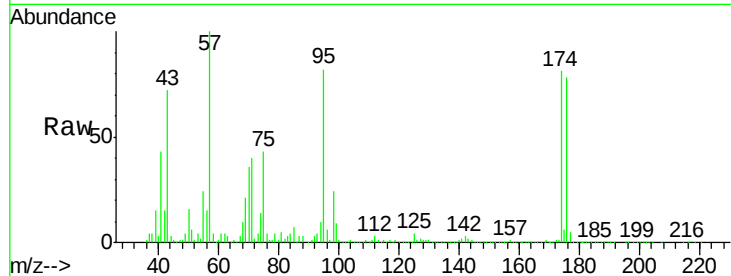
Tot Ion: 95 Resp: 237048

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.4

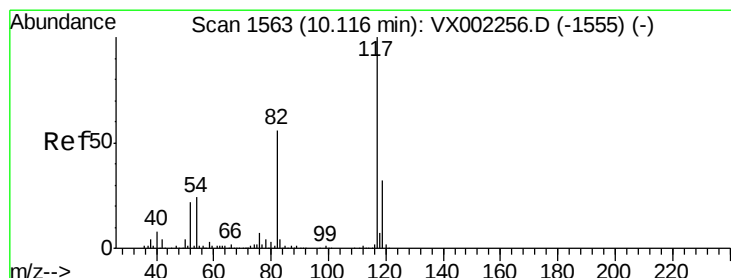
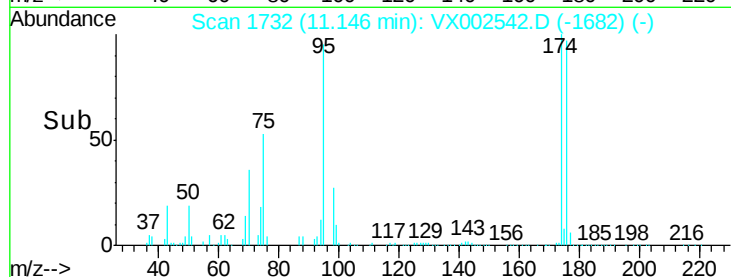
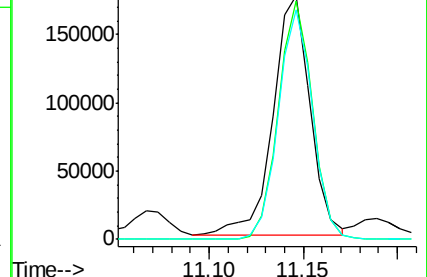
176 89.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

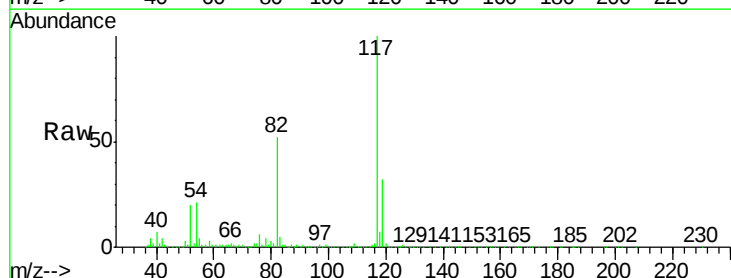
Tgt Ion: 117 Resp: 389788

Ion Ratio Lower Upper

117 100

82 51.5 45.0 67.4

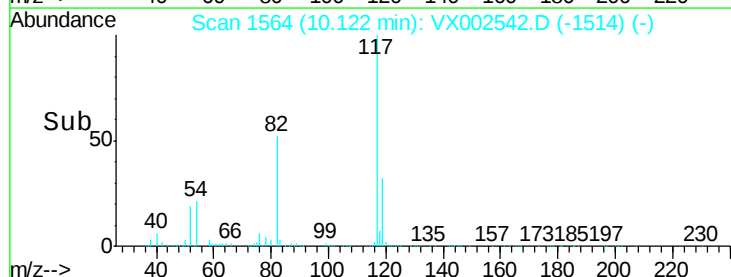
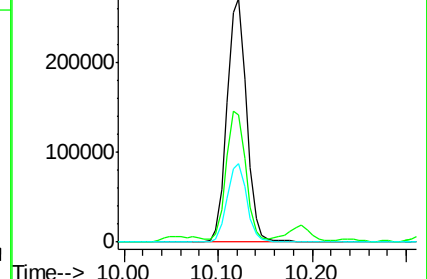
119 32.2 25.8 38.6

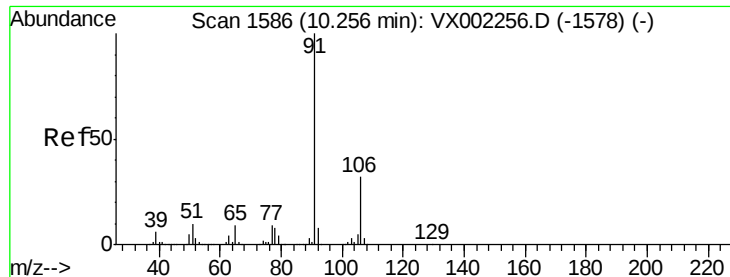


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

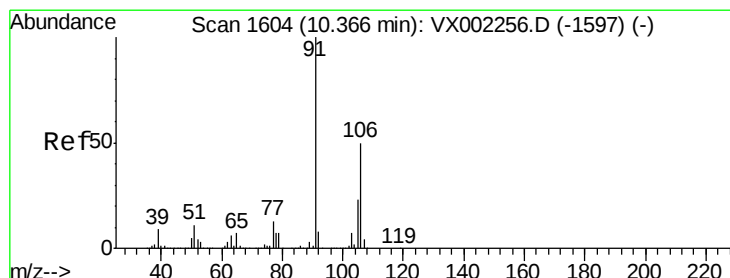
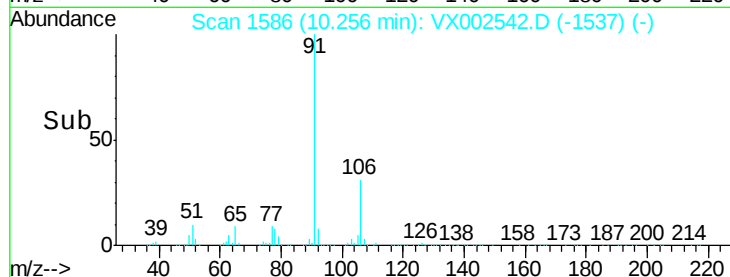
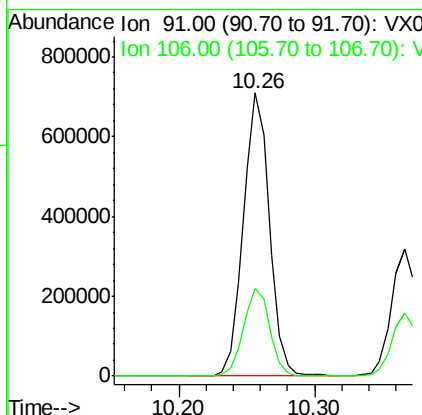
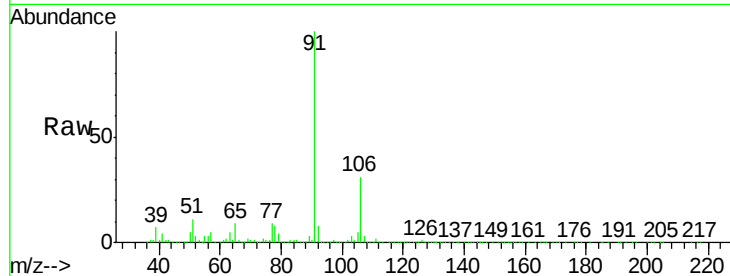




#67
Ethyl Benzene
Concen: 58.396 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002542.D
Acq: 14 Jun 2018 07:08

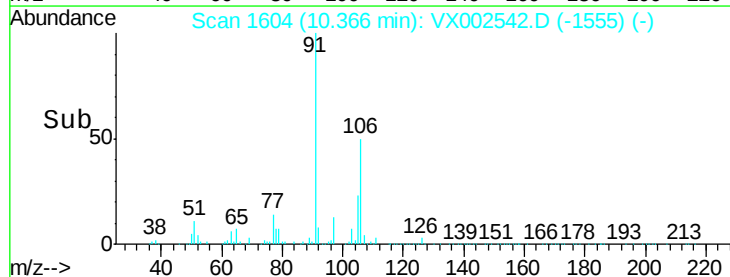
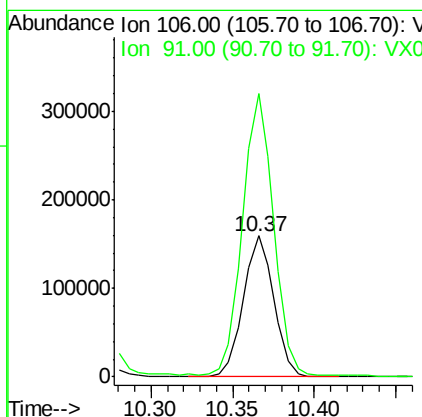
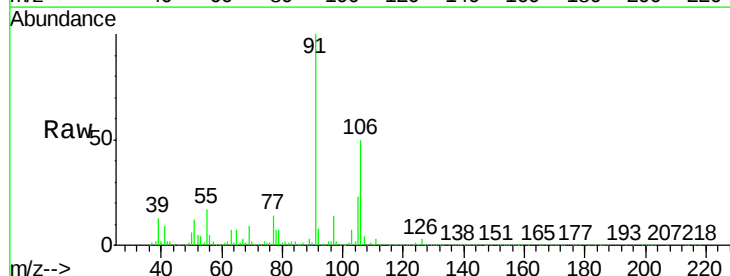
Instrument :
MSVOA_X
ClientSampled :
P-9AR

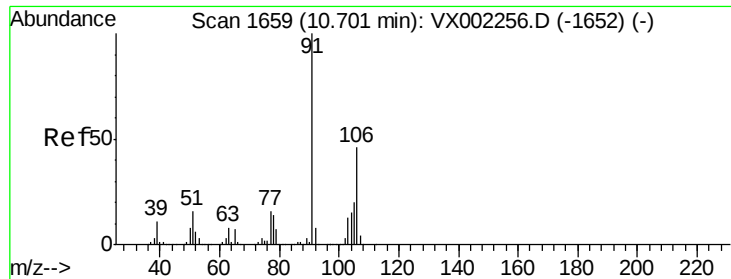
Tot Ion: 91 Resp: 947849
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 32.782 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002542.D
Acq: 14 Jun 2018 07:08

Tgt Ion: 106 Resp: 206843
Ion Ratio Lower Upper
106 100
91 205.0 163.4 245.2

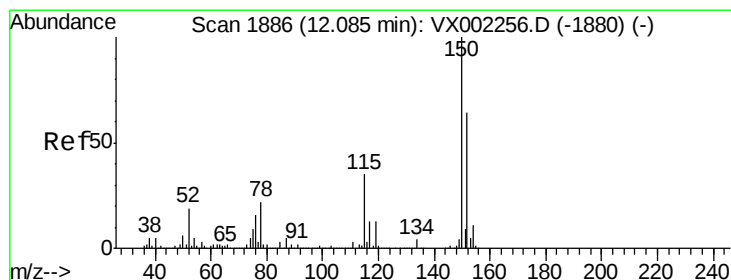
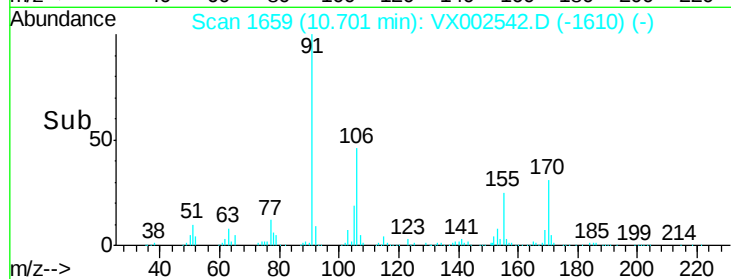
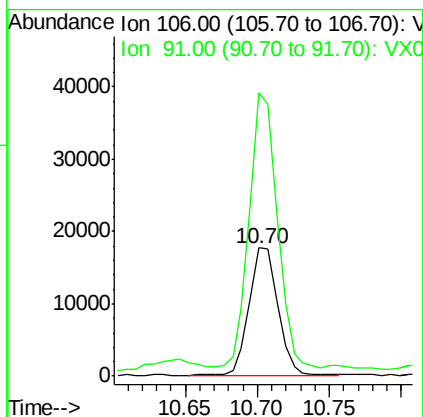
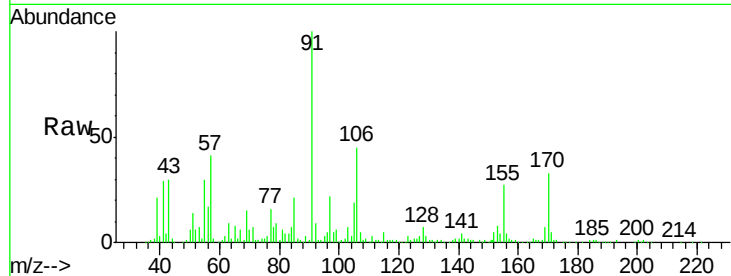




#69
o-Xylene
Concen: 3.849 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002542.D
Acq: 14 Jun 2018 07:08

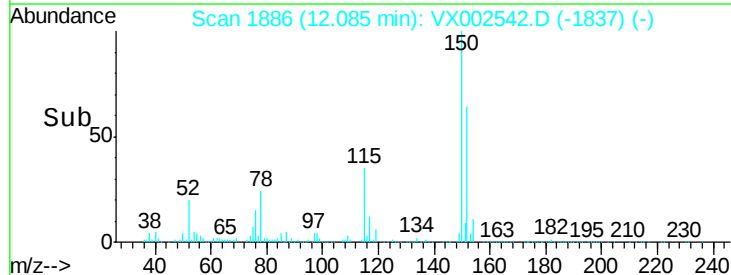
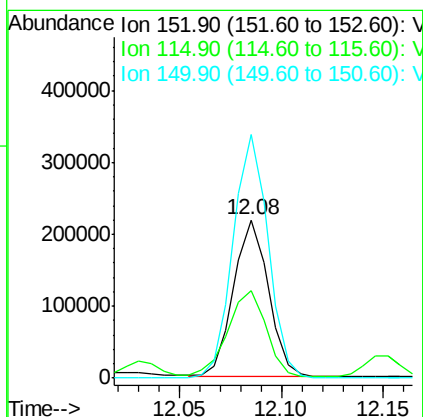
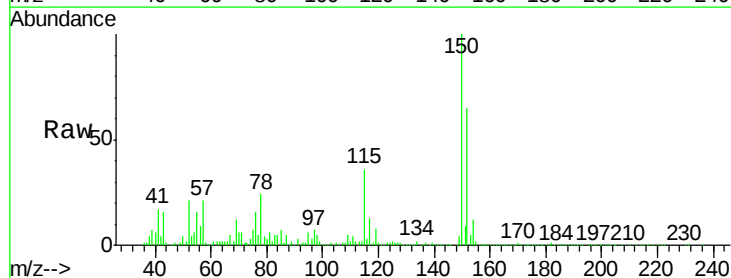
Instrument :
MSVOA_X
ClientSampled :
P-9AR

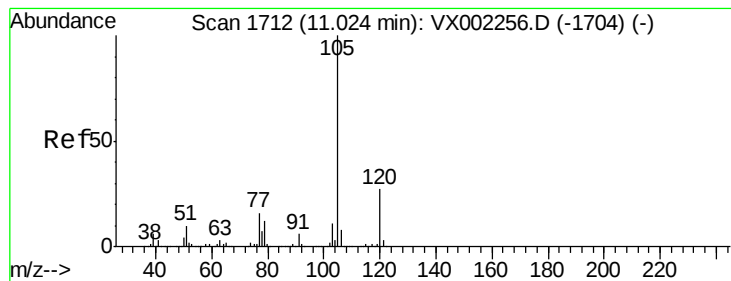
Tot Ion:106 Resp: 24170
Ion Ratio Lower Upper
106 100
91 212.8 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002542.D
Acq: 14 Jun 2018 07:08

Tgt Ion:152 Resp: 261164
Ion Ratio Lower Upper
152 100
115 60.5 40.1 120.2
150 153.3 0.0 347.2





#73

Isopropylbenzene

Concen: 12.937 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampled :

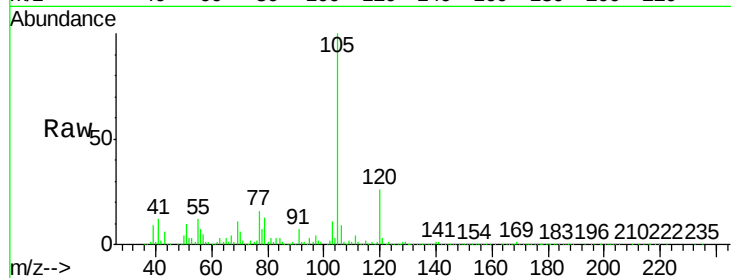
P-9AR

Tot Ion: 105 Resp: 235045

Ion Ratio Lower Upper

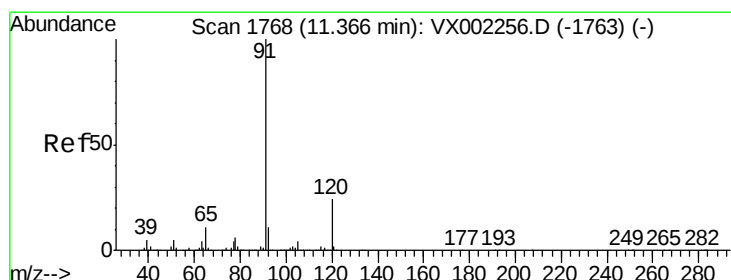
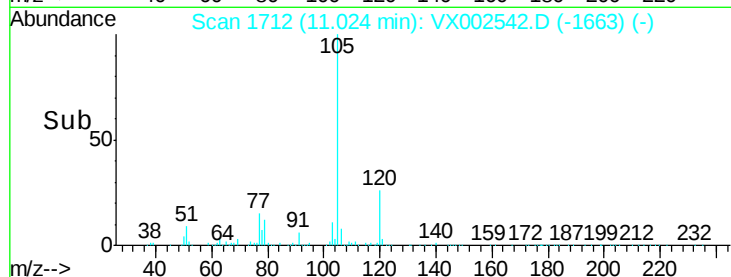
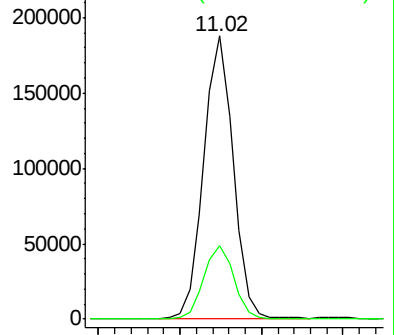
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 43.899 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002542.D

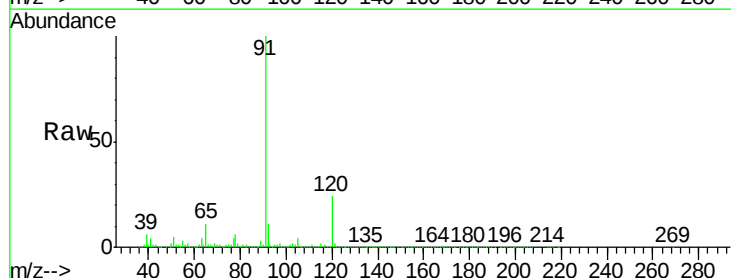
Acq: 14 Jun 2018 07:08

Tgt Ion: 91 Resp: 886451

Ion Ratio Lower Upper

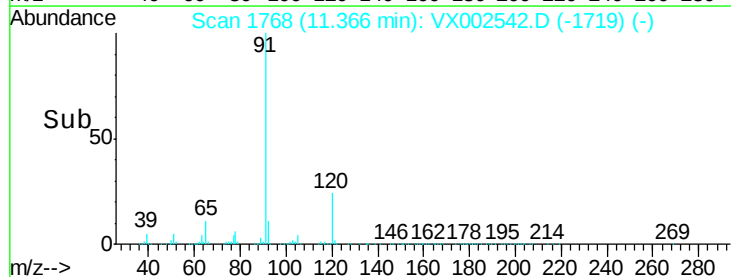
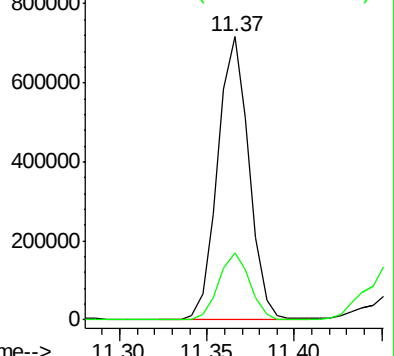
91 100

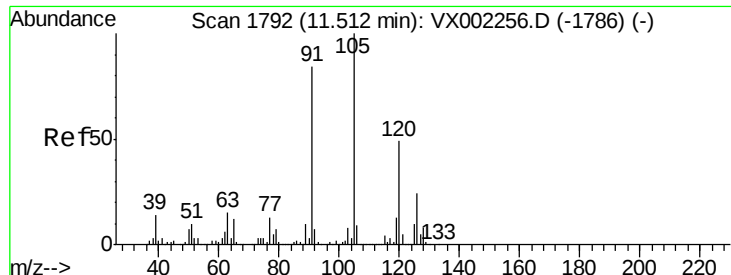
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 91.721 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampleId :

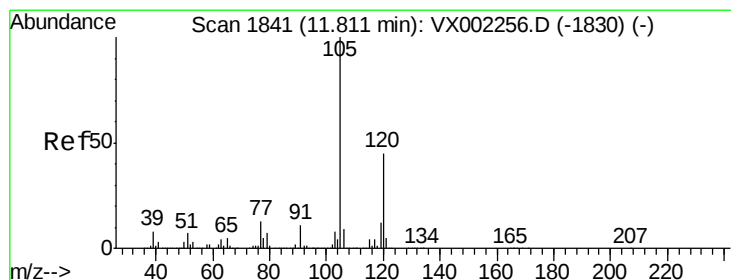
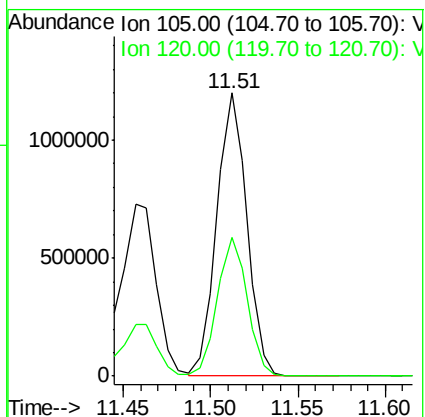
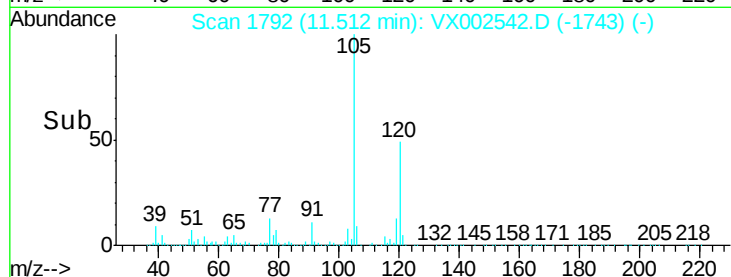
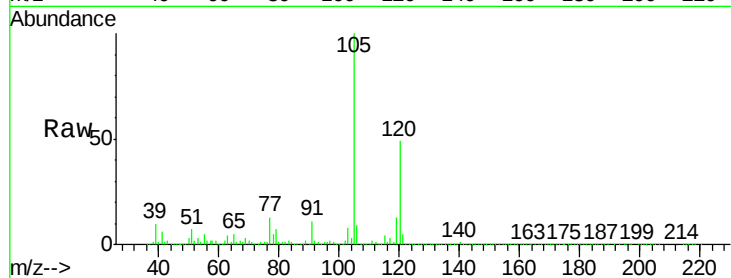
P-9AR

Tot Ion:105 Resp: 1429280

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 310.175 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX002542.D

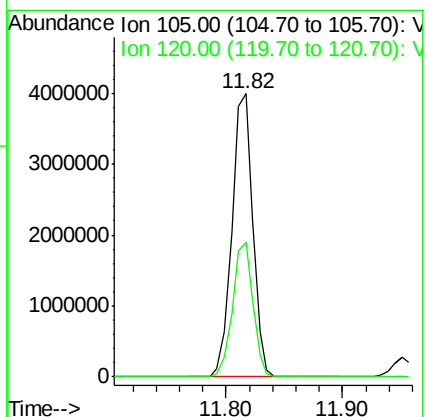
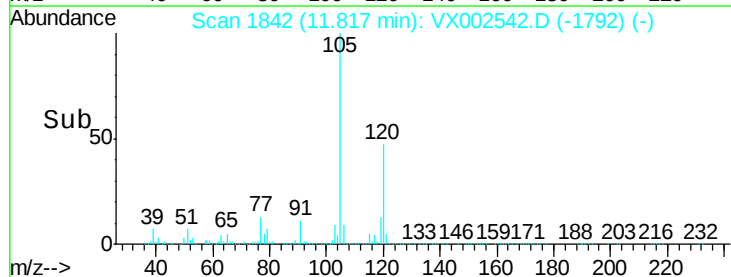
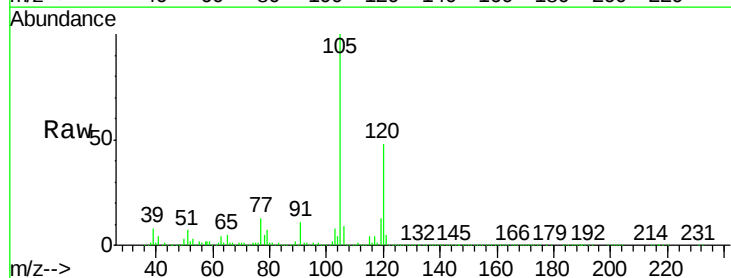
Acq: 14 Jun 2018 07:08

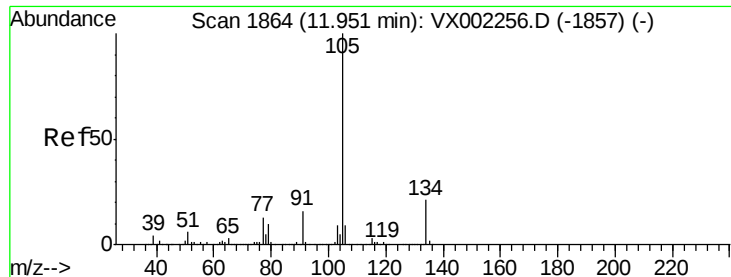
Tgt Ion:105 Resp: 4975472

Ion Ratio Lower Upper

105 100

120 46.8 22.3 66.8

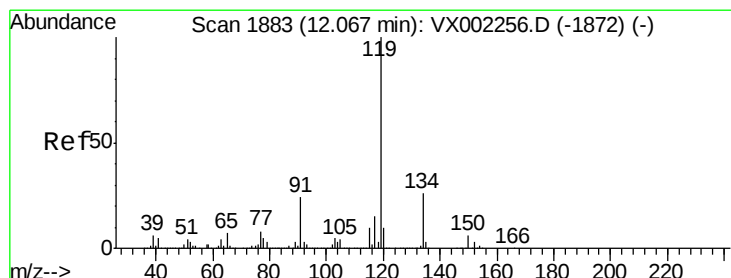
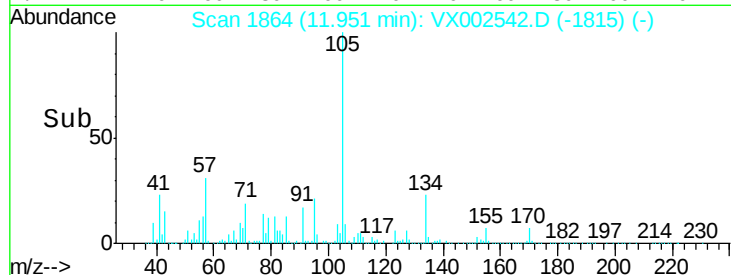
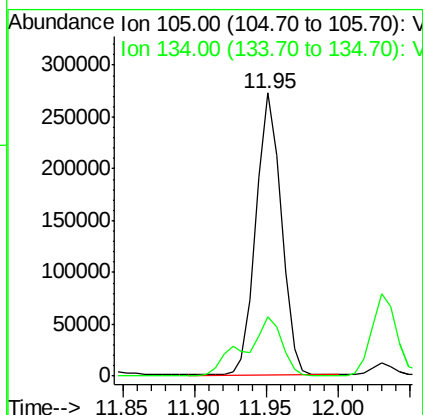
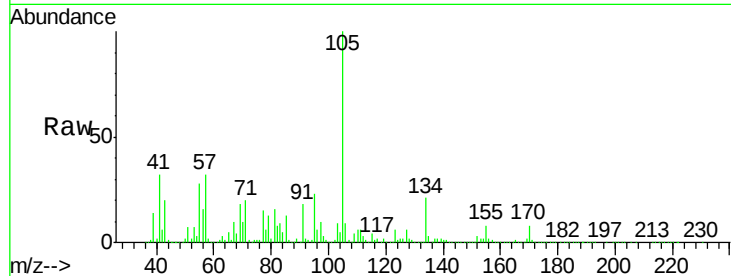




#85
 sec-Butylbenzene
 Concen: 18.484 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002542.D
 Acq: 14 Jun 2018 07:08

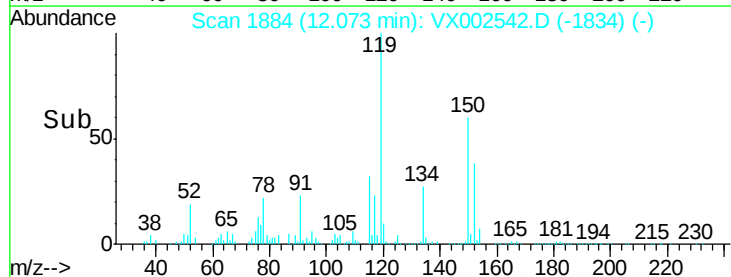
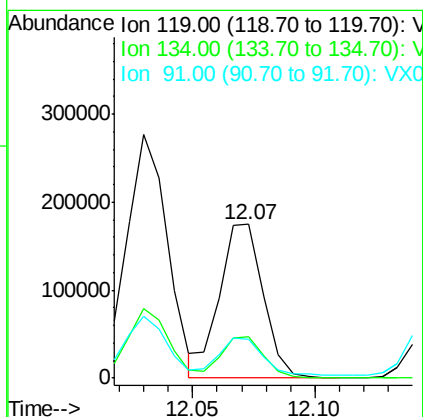
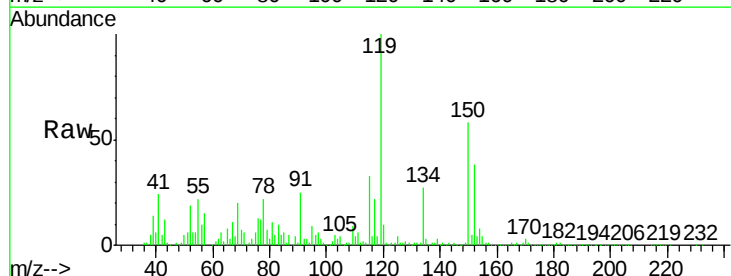
Instrument :
 MSVOA_X
 ClientSampleId :
 P-9AR

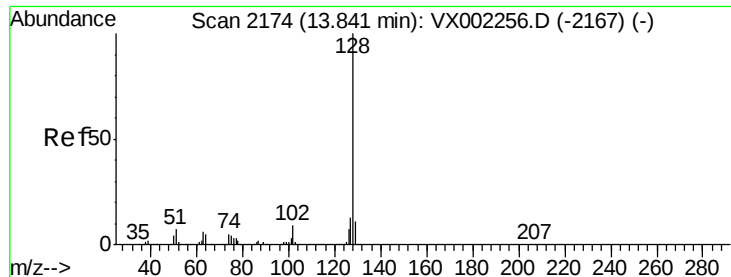
Tot Ion:105 Resp: 328818
 Ion Ratio Lower Upper
 105 100
 134 31.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 13.254 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX002542.D
 Acq: 14 Jun 2018 07:08

Tgt Ion:119 Resp: 214772
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.1
 91 24.4 11.9 35.7





#95

Naphthalene

Concen: 106.584 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002542.D

Acq: 14 Jun 2018 07:08

Instrument :

MSVOA_X

ClientSampleId :

P-9AR

Tot Ion:128 Resp: 2026126

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 13.2 8.6 13.0#

