

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002129.D
 Acq On : 30 May 2018 08:12
 Operator : JC/MD
 Sample : J3165-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18

Quant Time: May 30 11:48:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	423347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243033	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	201275	38.28	ug/l	0.00
Spiked Amount			Recovery	=	76.56%	
35) Dibromofluoromethane	5.51	113	150967	35.66	ug/l	0.00
Spiked Amount			Recovery	=	71.32%	
50) Toluene-d8	8.72	98	607501	39.64	ug/l	0.00
Spiked Amount			Recovery	=	79.28%	
62) 4-Bromofluorobenzene	11.14	95	230362	38.41	ug/l	0.00
Spiked Amount			Recovery	=	76.82%	

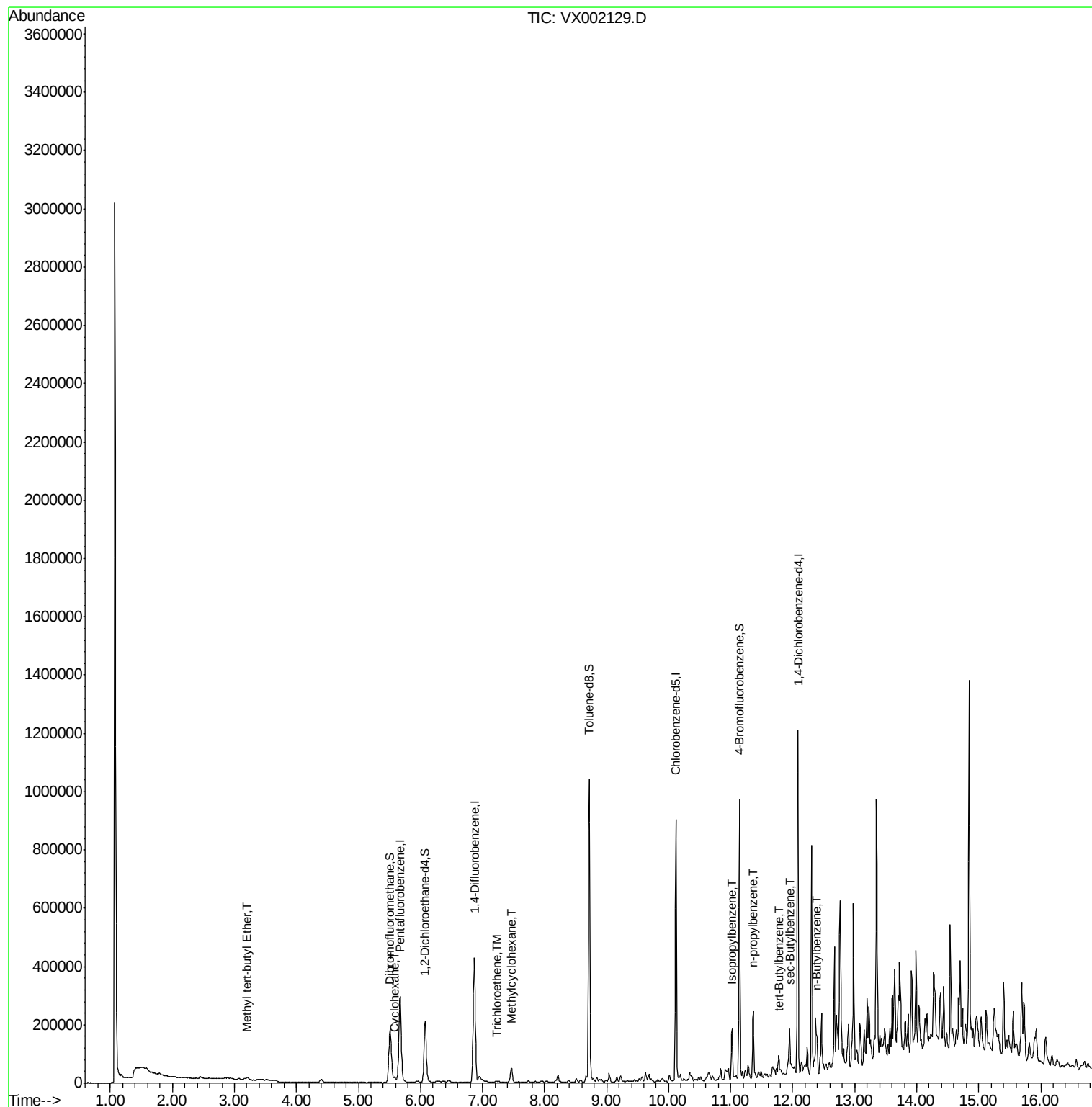
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	3.21	73	8539	0.66	ug/l	95
31) Cyclohexane	5.59	56	11824	1.63	ug/l	98
39) Methylcyclohexane	7.46	83	20797	2.87	ug/l	96
44) Trichloroethene	7.23	130	1382	0.27	ug/l	97
73) Isopropylbenzene	11.02	105	80550	3.91	ug/l	99
78) n-propylbenzene	11.37	91	129869	5.63	ug/l	98
83) tert-Butylbenzene	11.77	119	12550	0.73	ug/l	87
85) sec-Butylbenzene	11.95	105	69721	3.36	ug/l	82
89) n-Butylbenzene	12.39	91	48451	3.08	ug/l #	73

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
Data File : VX002129.D
Acq On : 30 May 2018 08:12
Operator : JC/MD
Sample : J3165-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Quant Time: May 30 11:48:02 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

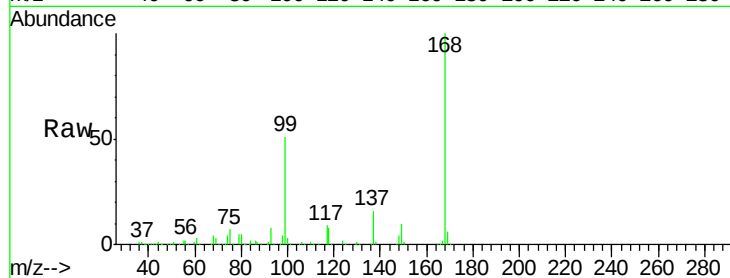
MW-18

Tot Ion:168 Resp: 294124

Ion Ratio Lower Upper

168 100

99 51.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

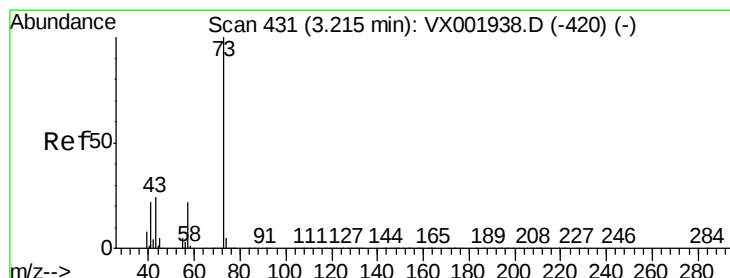
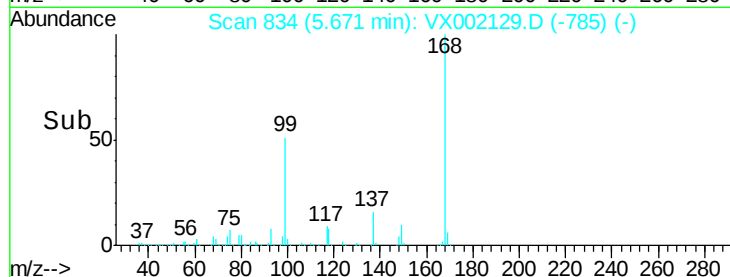
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 0.66 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002129.D

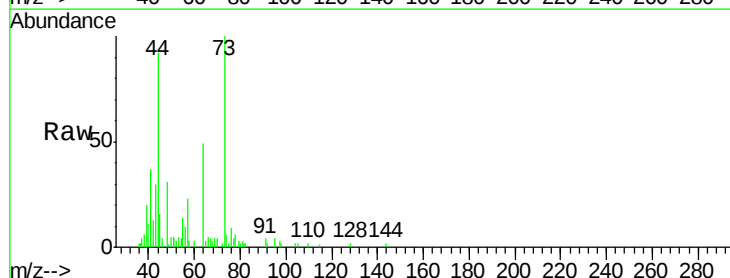
Acq: 30 May 2018 08:12

Tgt Ion: 73 Resp: 8539

Ion Ratio Lower Upper

73 100

57 19.5 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

4000

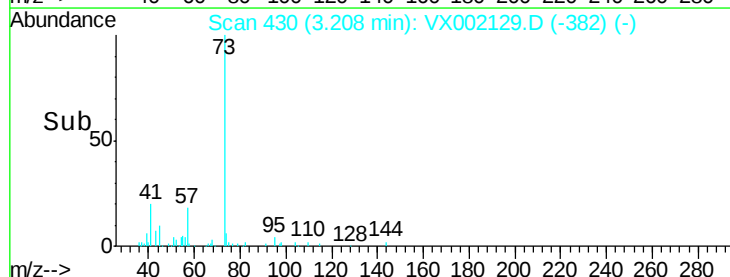
3000

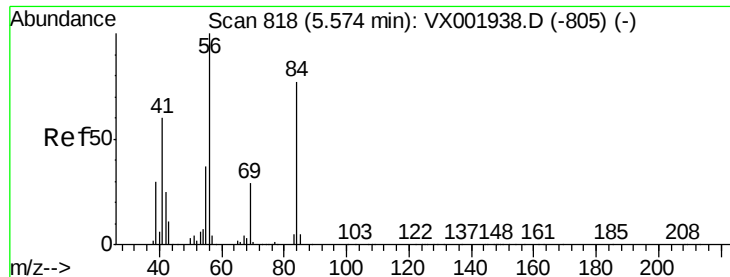
2000

1000

0

Time--> 3.10 3.20 3.30

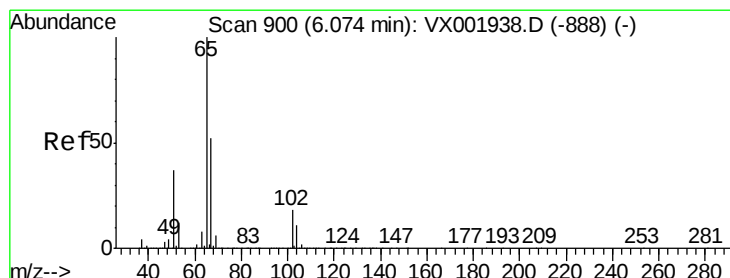
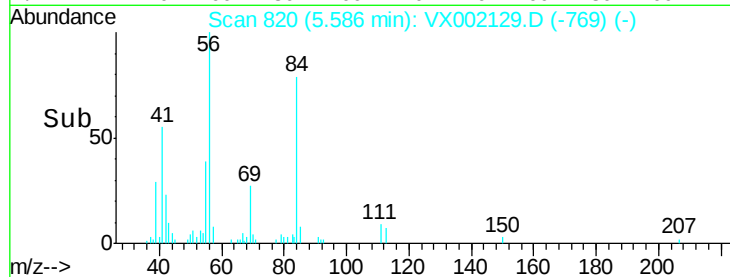
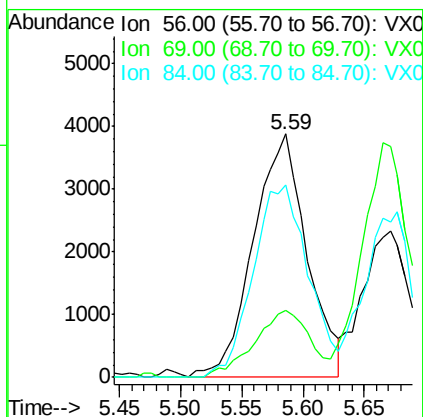
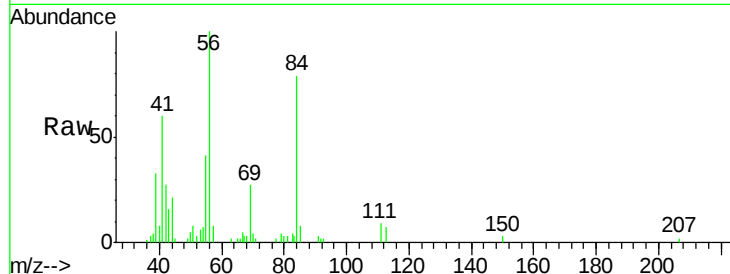




#31
Cyclohexane
Concen: 1.63 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX002129.D
Acq: 30 May 2018 08:12

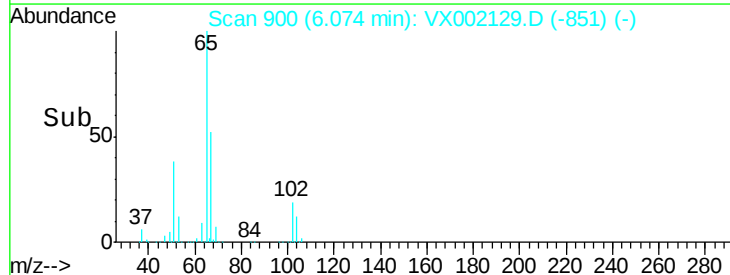
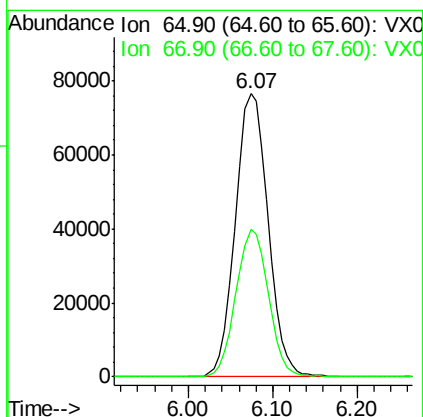
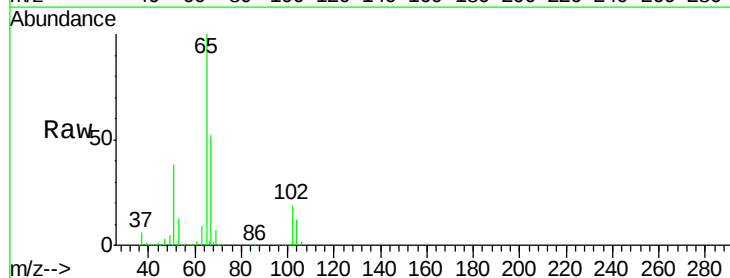
Instrument :
MSVOA_X
ClientSampled :
MW-18

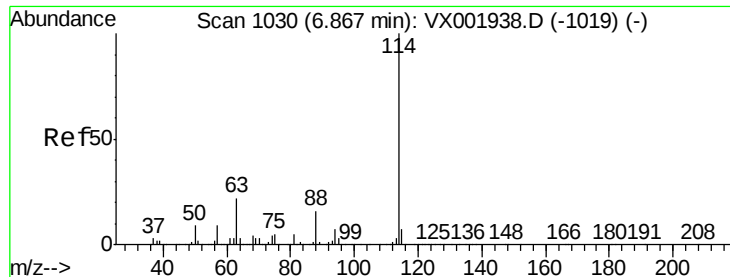
Tot Ion: 56 Resp: 11824
Ion Ratio Lower Upper
56 100
69 27.3 23.1 34.7
84 79.0 62.0 93.0



#33
1,2-Dichloroethane-d4
Concen: 38.28 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002129.D
Acq: 30 May 2018 08:12

Tgt Ion: 65 Resp: 201275
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

MW-18

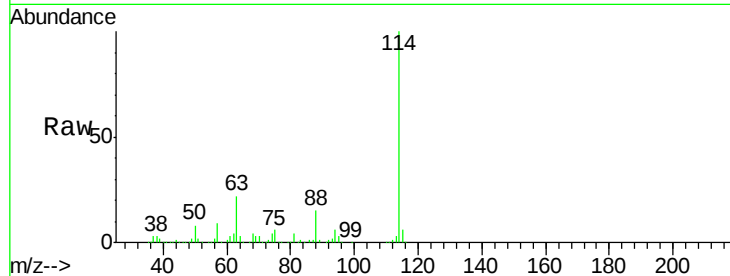
Tot Ion:114 Resp: 423347

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

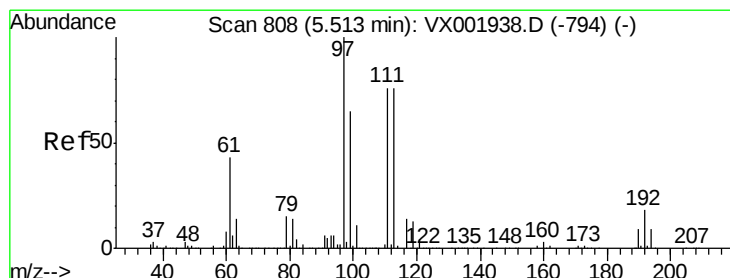
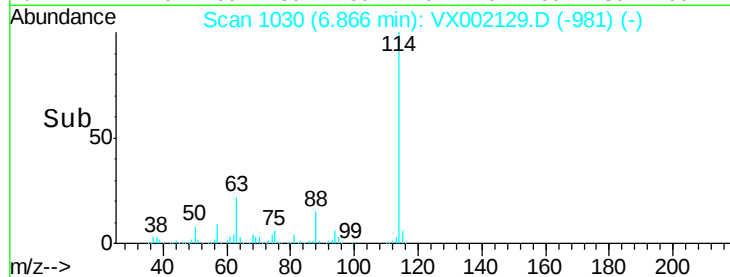
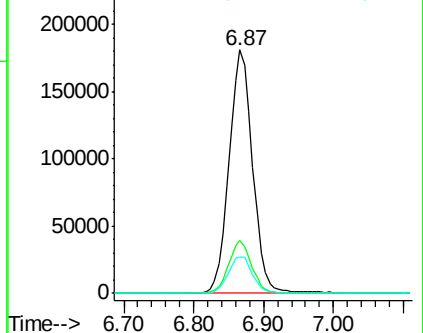
88 15.1 0.0 31.6



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: 35.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

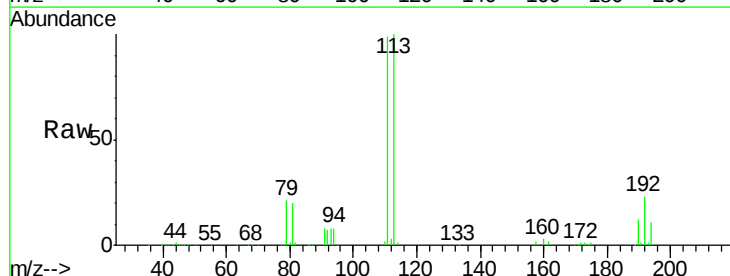
Tgt Ion:113 Resp: 150967

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

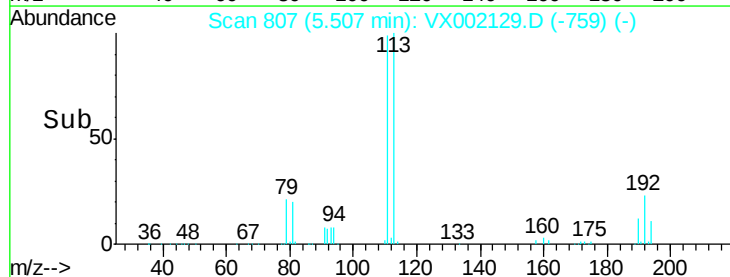
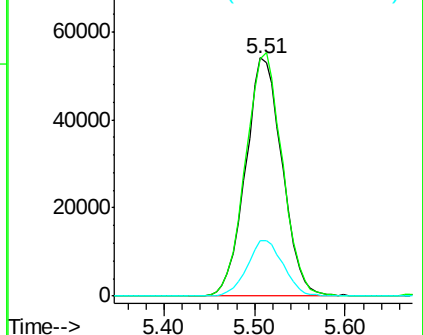
192 23.3 18.9 28.3

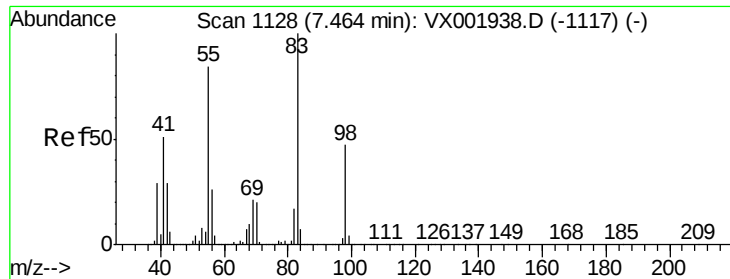


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

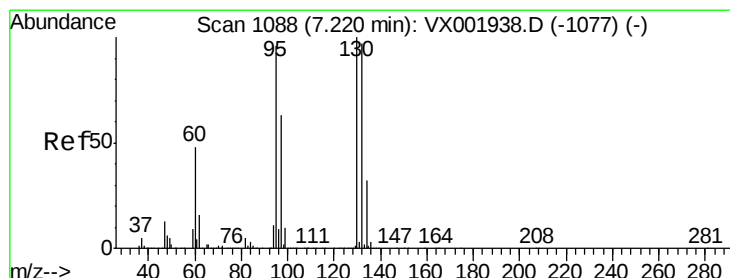
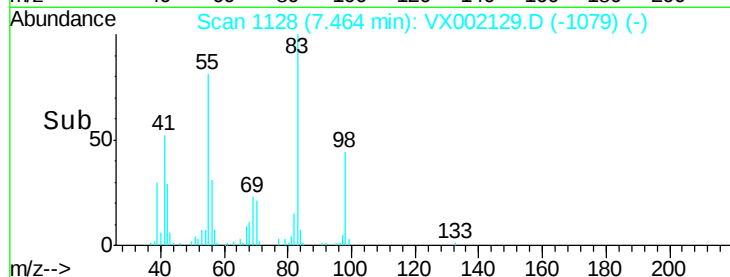
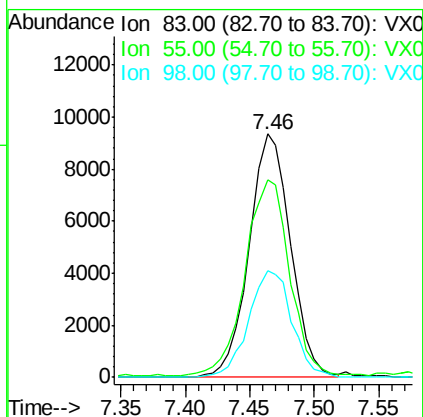
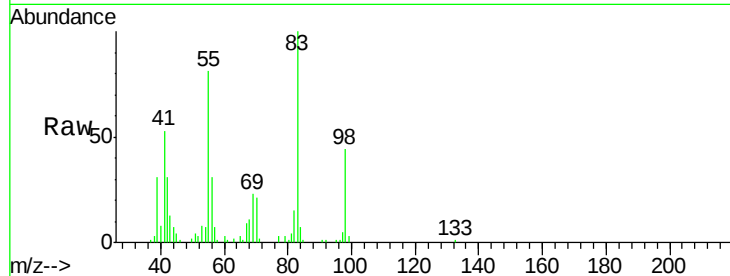




#39
Methvlcvclohexane
Concen: 2.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002129.D
Acq: 30 May 2018 08:12

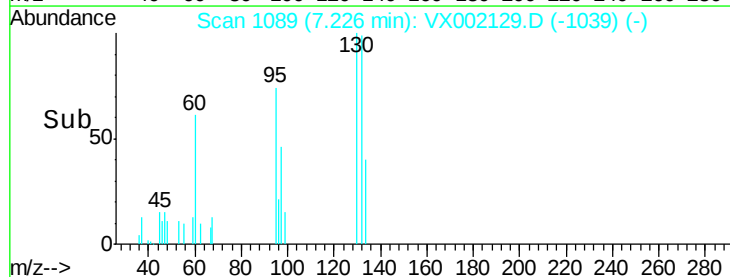
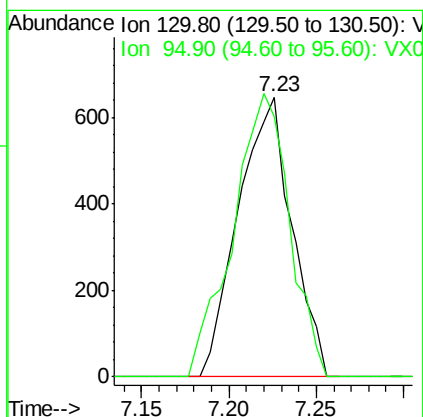
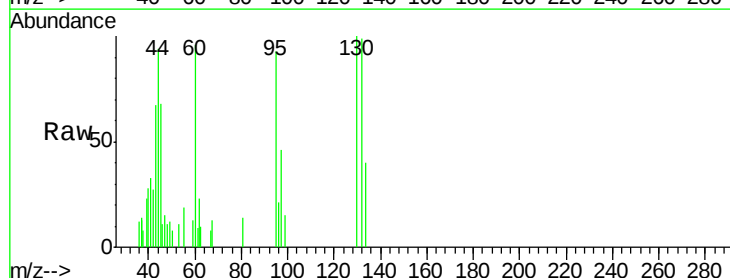
Instrument :
MSVOA_X
ClientSampled :
MW-18

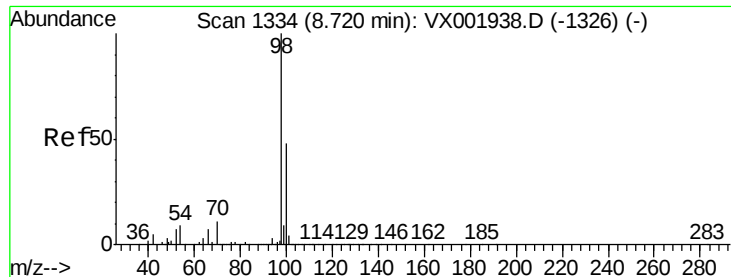
Tot Ion: 83 Resp: 20797
Ion Ratio Lower Upper
83 100
55 80.2 67.3 100.9
98 43.8 37.5 56.3



#44
Trichloroethene
Concen: 0.27 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX002129.D
Acq: 30 May 2018 08:12

Tgt Ion:130 Resp: 1382
Ion Ratio Lower Upper
130 100
95 92.9 0.0 192.0





#50

Toluene-d8

Concen: 39.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

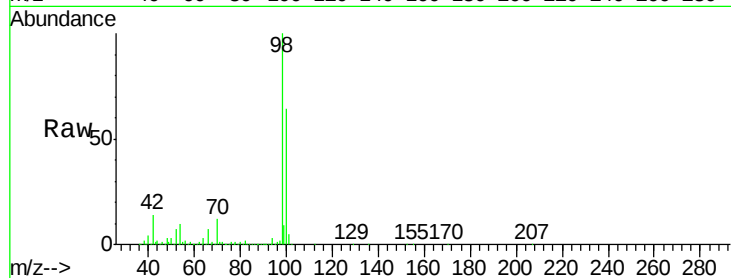
MW-18

Tot Ion: 98 Resp: 607501

Ion Ratio Lower Upper

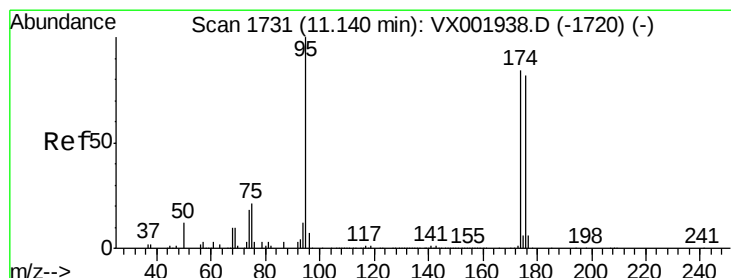
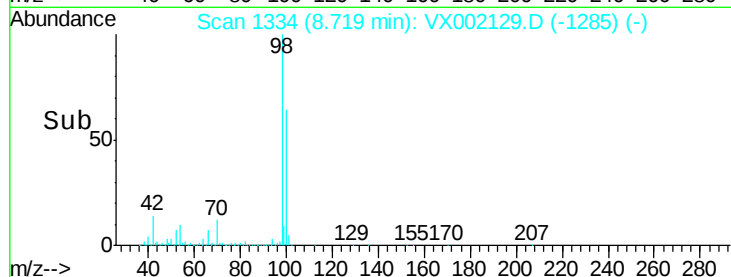
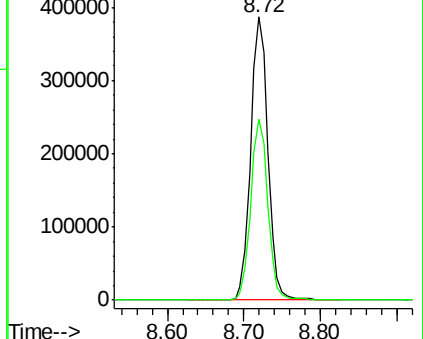
98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 38.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

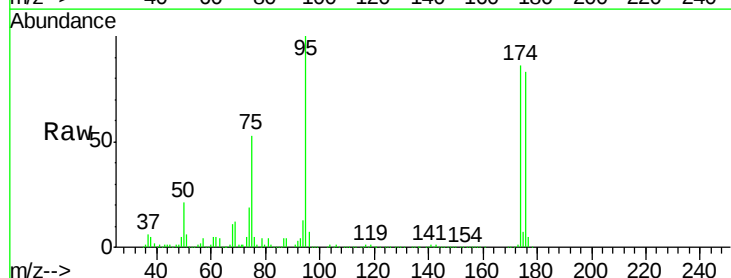
Tgt Ion: 95 Resp: 230362

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

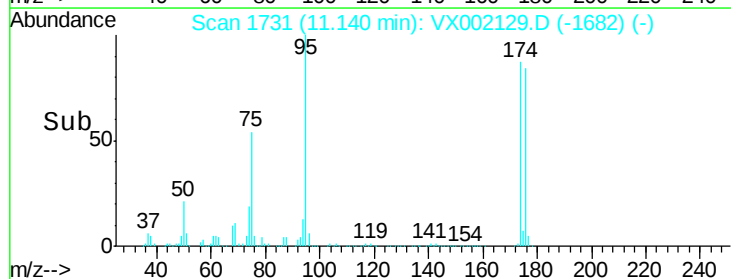
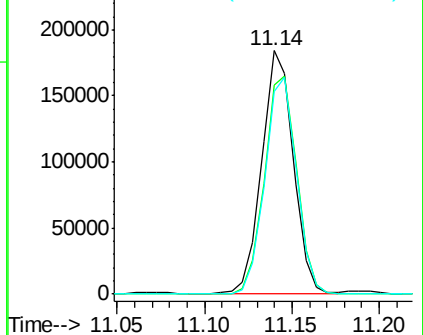
176 89.6 0.0 175.6

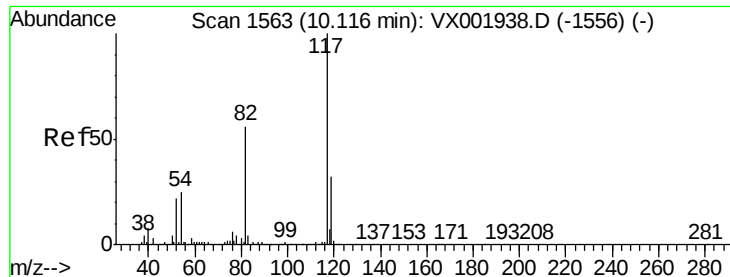


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

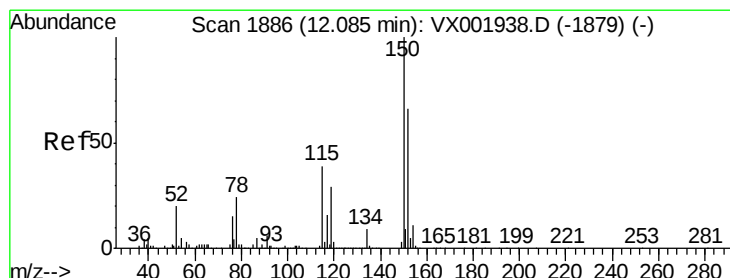
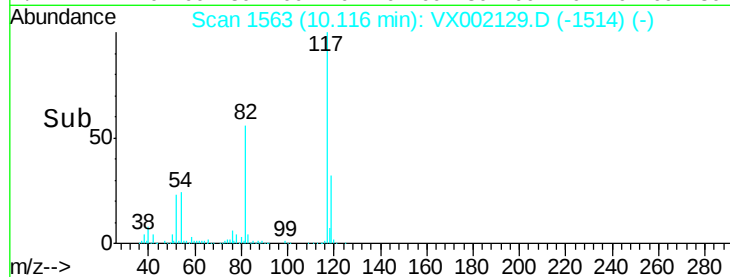
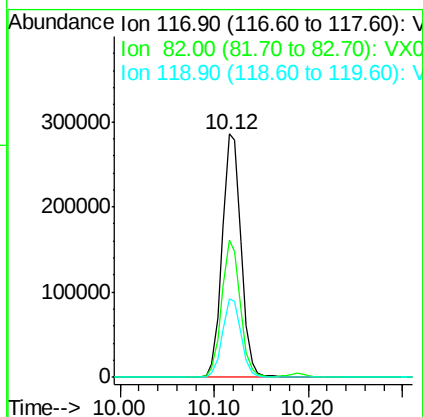
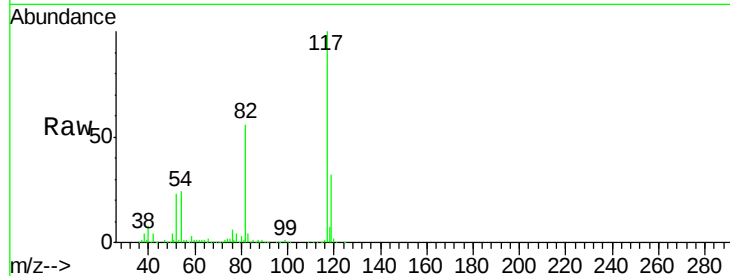




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002129.D
Acq: 30 May 2018 08:12

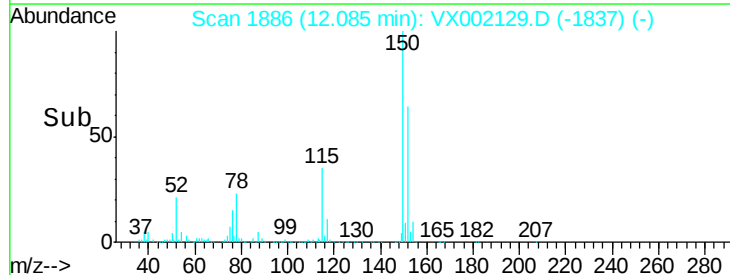
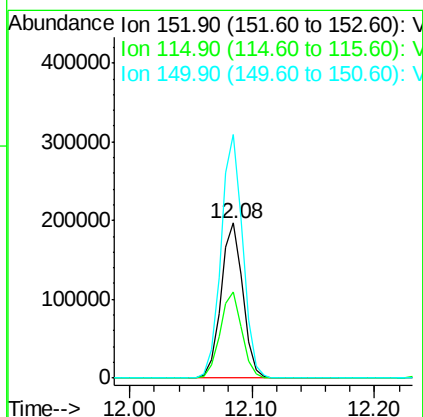
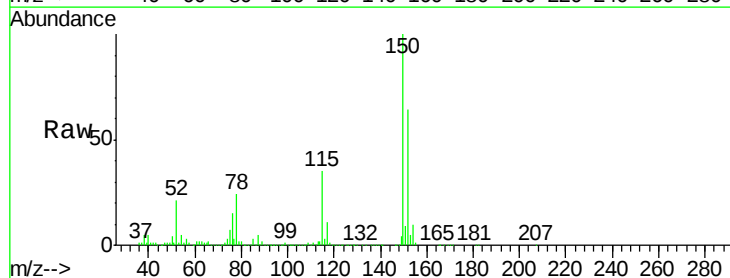
Instrument :
MSVOA_X
ClientSampleId :
MW-18

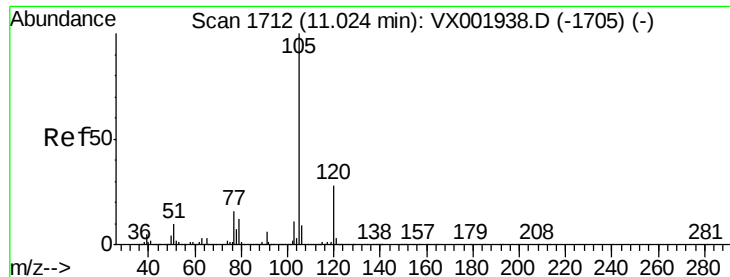
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002129.D
Acq: 30 May 2018 08:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	42.3	126.8
150	156.3	0.0	351.0





#73

Isopropylbenzene

Concen: 3.91 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

Instrument :

MSVOA_X

ClientSampled :

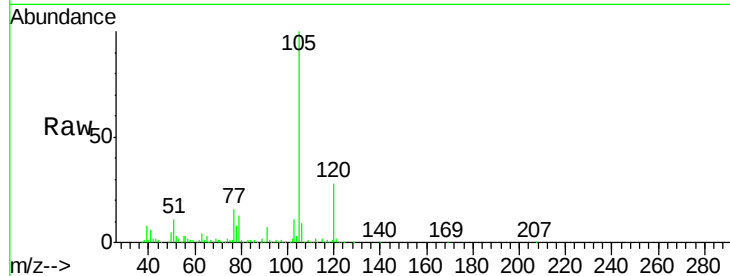
MW-18

Tot Ion:105 Resp: 80550

Ion Ratio Lower Upper

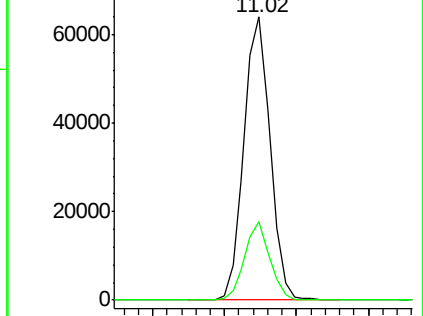
105 100

120 26.6 13.6 40.7

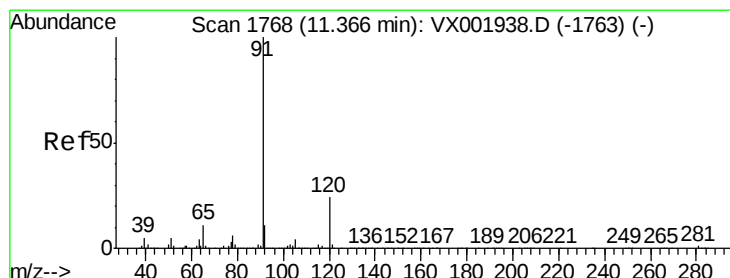
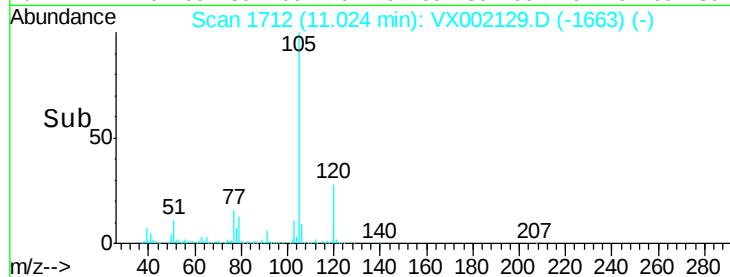


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#78

n-propylbenzene

Concen: 5.63 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002129.D

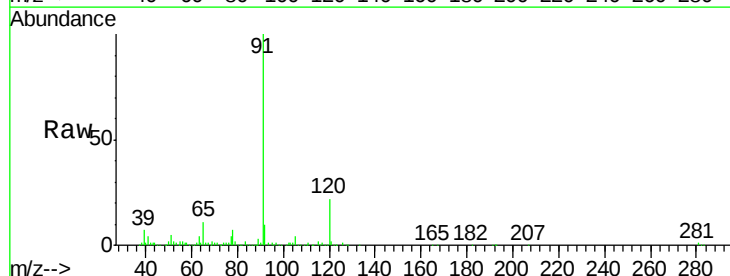
Acq: 30 May 2018 08:12

Tgt Ion: 91 Resp: 129869

Ion Ratio Lower Upper

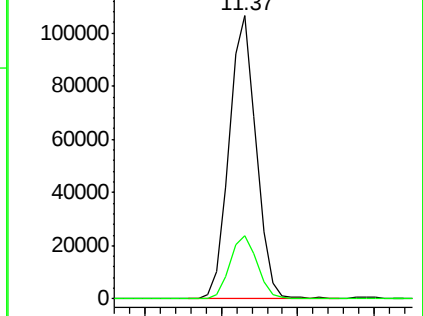
91 100

120 22.9 11.9 35.7

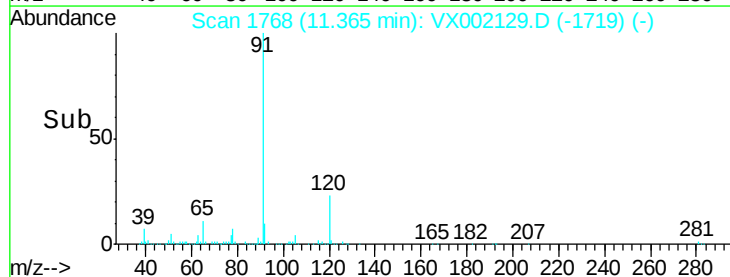


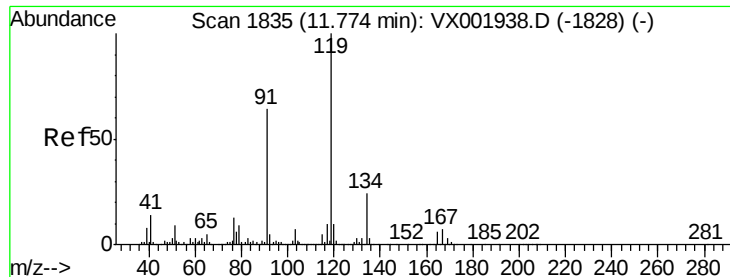
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#83

tert-Butylbenzene

Concen: 0.73 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

MW-18

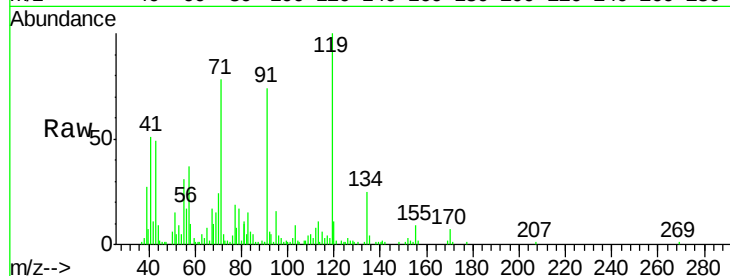
Tot Ion:119 Resp: 12550

Ion Ratio Lower Upper

119 100

91 74.2 30.6 91.8

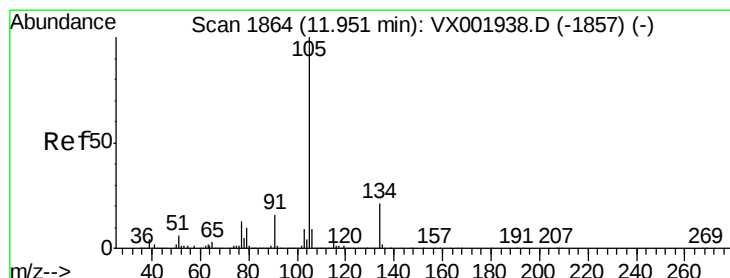
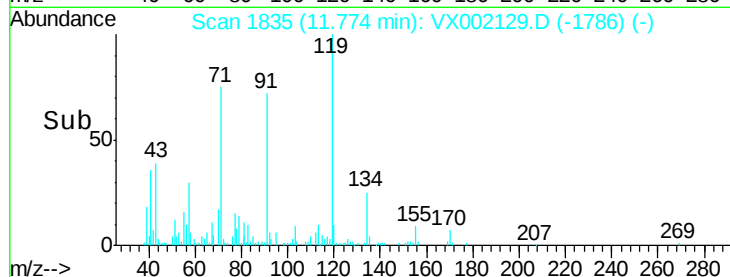
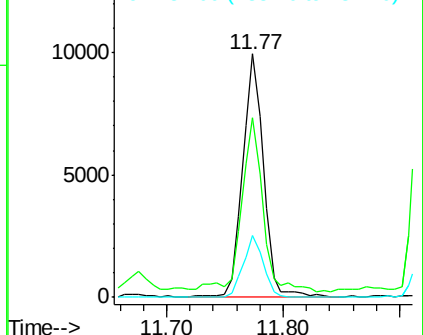
134 24.1 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 3.36 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002129.D

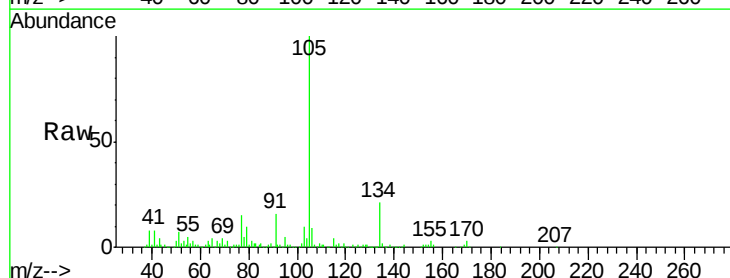
Acq: 30 May 2018 08:12

Tgt Ion:105 Resp: 69721

Ion Ratio Lower Upper

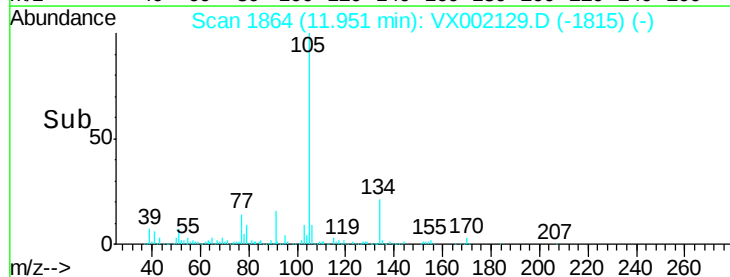
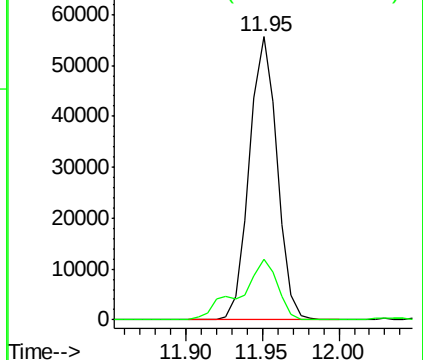
105 100

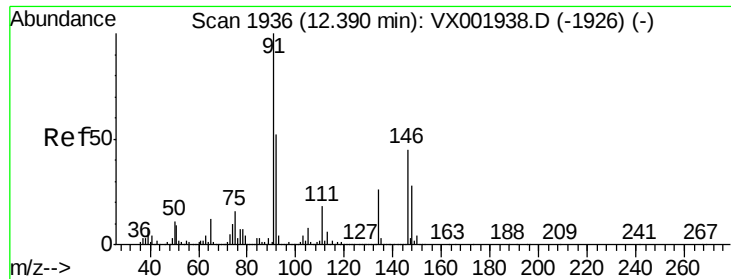
134 29.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 3.08 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002129.D

Acq: 30 May 2018 08:12

Instrument :

MSVOA_X

ClientSampleId :

MW-18

Tot Ion: 91 Resp: 48451

Ion Ratio Lower Upper

91 100

92 42.3 26.3 78.9

134 54.1 13.6 40.7#

