

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010556.D
 Acq On : 29 Jun 2019 00:21
 Operator : JC/SP
 Sample : K3570-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-2R

Quant Time: Jun 29 06:45:35 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	253022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121524	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.50	113	117905	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	457319	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	156287	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

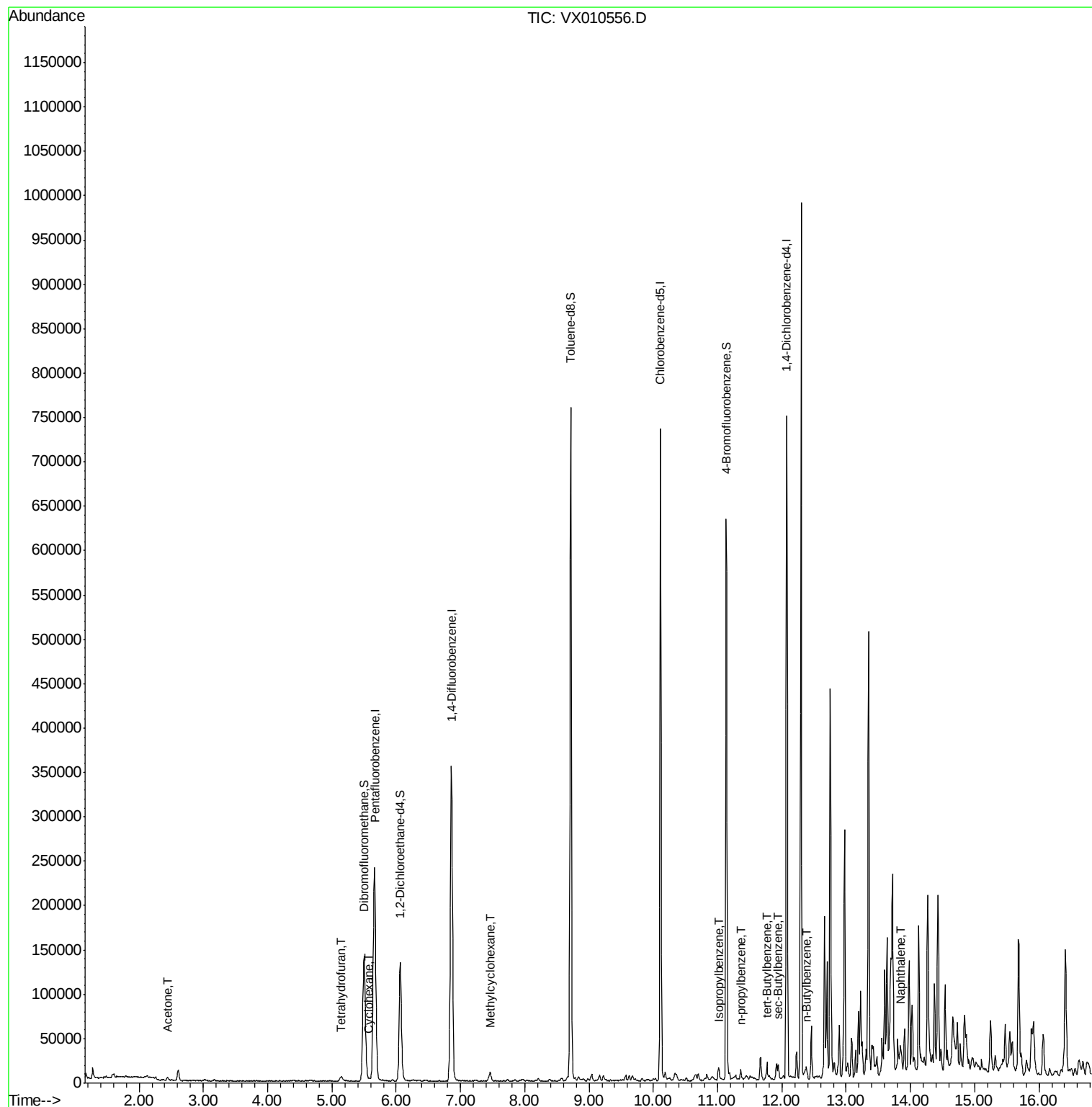
Target Compounds						Qvalue
16) Acetone	2.45	43	4304	3.620	ug/l #	86
29) Tetrahydrofuran	5.14	42	4672	4.325	ug/l	92
31) Cyclohexane	5.58	56	1501	0.438	ug/l #	62
39) Methylcyclohexane	7.46	83	4587	1.128	ug/l	93
73) Isopropylbenzene	11.02	105	7734	0.686	ug/l	98
78) n-propylbenzene	11.36	91	5906	0.476	ug/l	100
83) tert-Butylbenzene	11.77	119	7049	0.755	ug/l	83
85) sec-Butylbenzene	11.94	105	7451	0.680	ug/l #	55
89) n-Butylbenzene	12.38	91	3744	0.435	ug/l	95
95) Naphthalene	13.83	128	13957	1.199	ug/l #	78

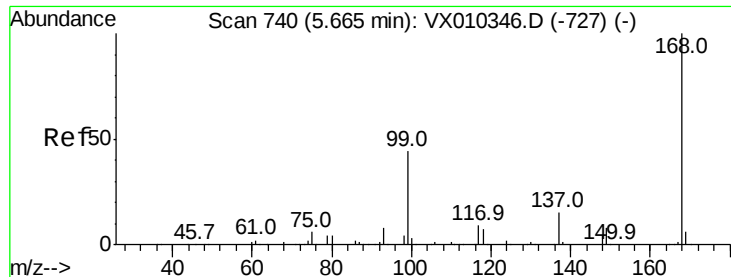
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
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Sample : K3570-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PW-2R

Quant Time: Jun 29 06:45:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010556.D

Acq: 29 Jun 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

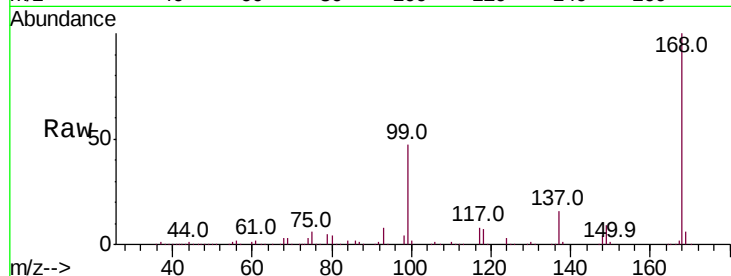
PW-2R

Tot Ion:168 Resp: 253022

Ion Ratio Lower Upper

168 100

99 47.4 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

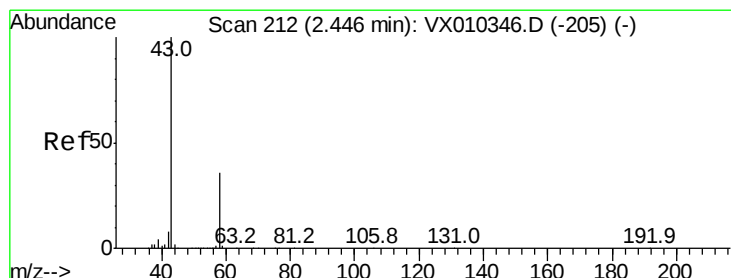
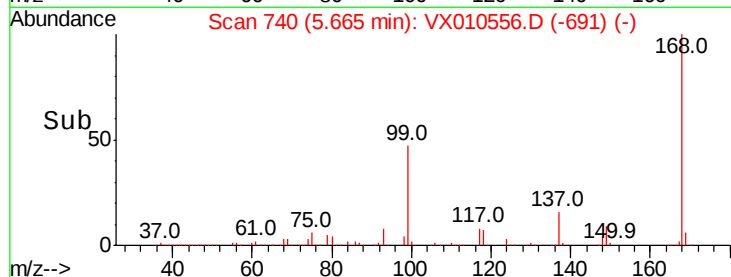
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 3.620 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010556.D

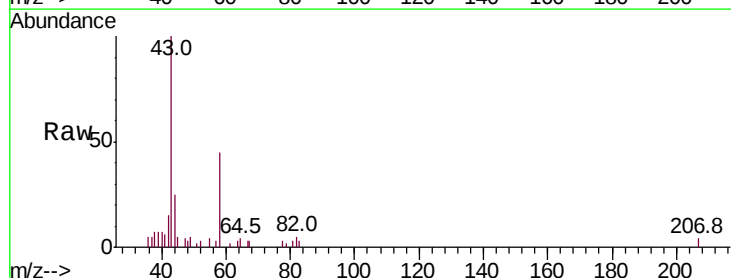
Acq: 29 Jun 2019 00:21

Tgt Ion: 43 Resp: 4304

Ion Ratio Lower Upper

43 100

58 44.1 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

2500

2000

1500

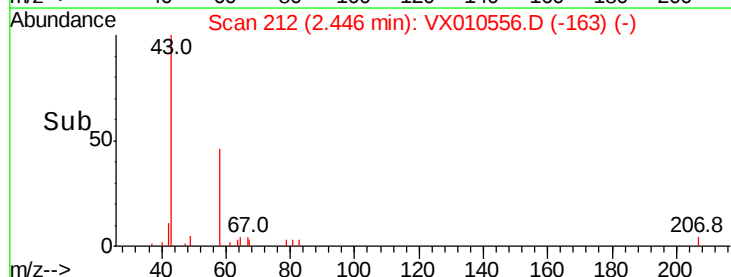
1000

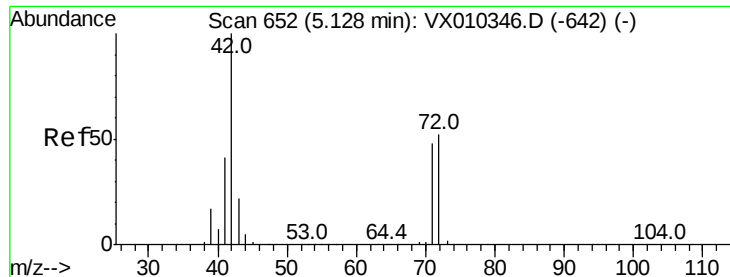
500

0

Time-->

2.35 2.40 2.45 2.50





#29

Tetrahydrofuran

Concen: 4.325 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010556.D

Acq: 29 Jun 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

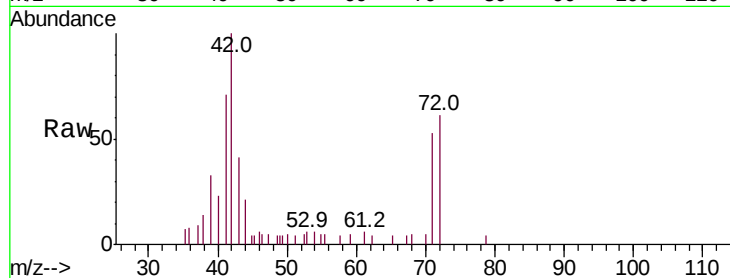
Tot Ion: 42 Resp: 4672

Ion Ratio Lower Upper

42 100

72 58.1 40.6 60.8

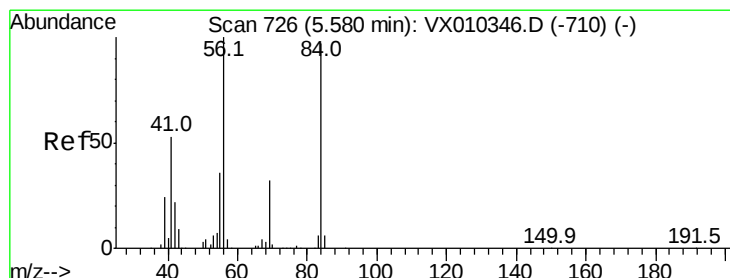
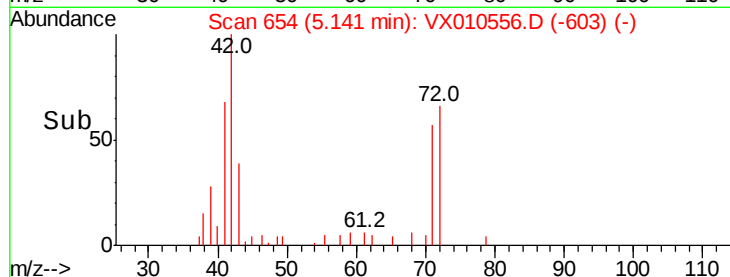
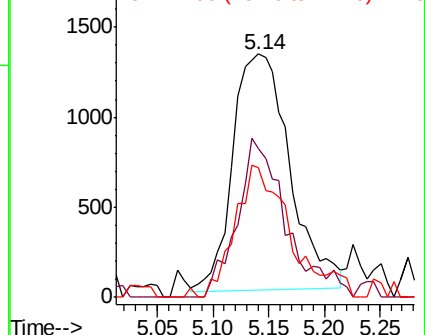
71 50.2 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.438 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010556.D

Acq: 29 Jun 2019 00:21

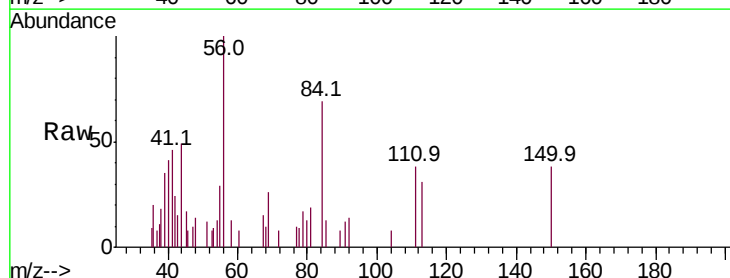
Tgt Ion: 56 Resp: 1501

Ion Ratio Lower Upper

56 100

69 15.9 25.9 38.9#

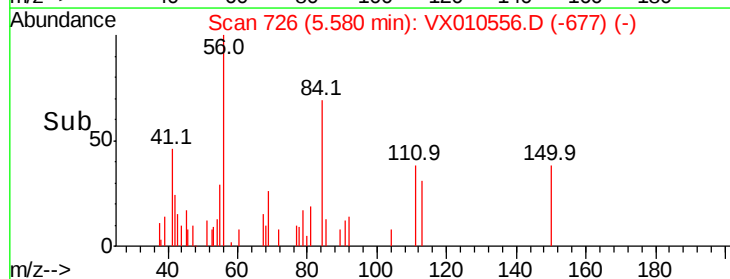
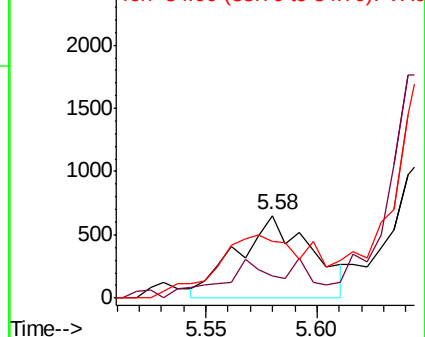
84 57.3 78.0 117.0#

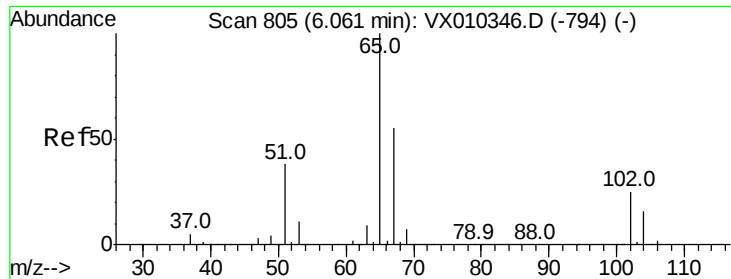


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

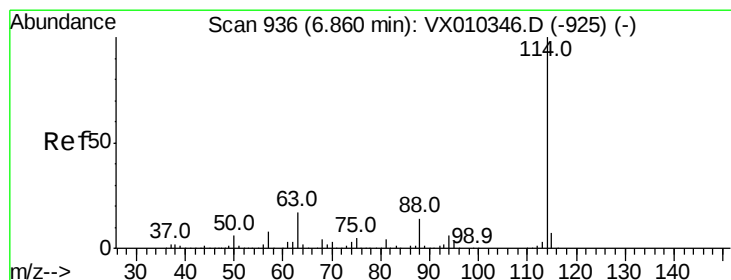
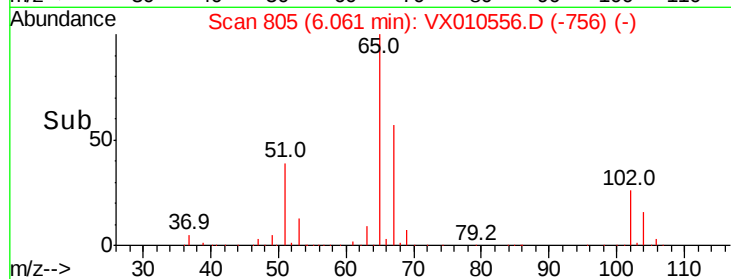
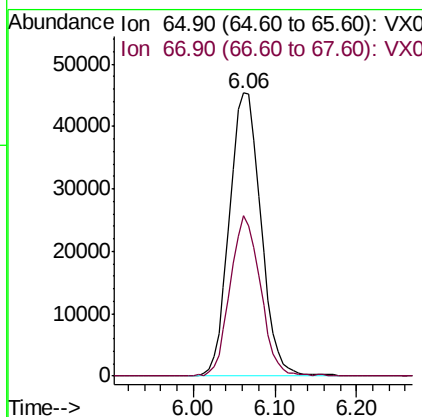
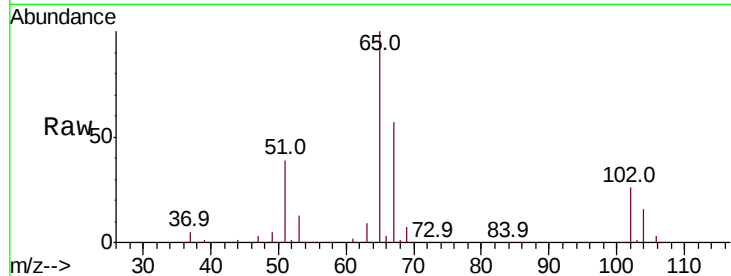




#33
 1,2-Dichloroethane-d4
 Concen: 51.226 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010556.D
 Acq: 29 Jun 2019 00:21

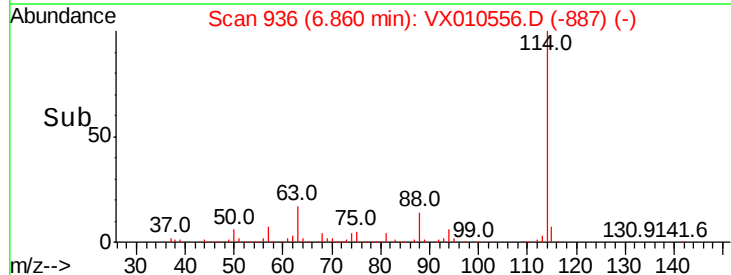
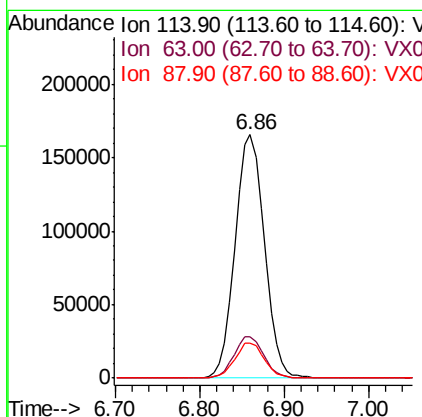
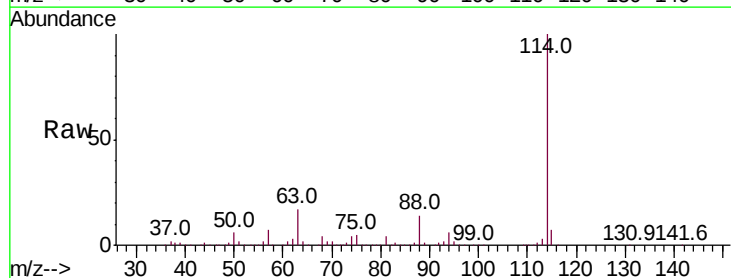
Instrument :
 MSVOA_X
 ClientSampled :
 PW-2R

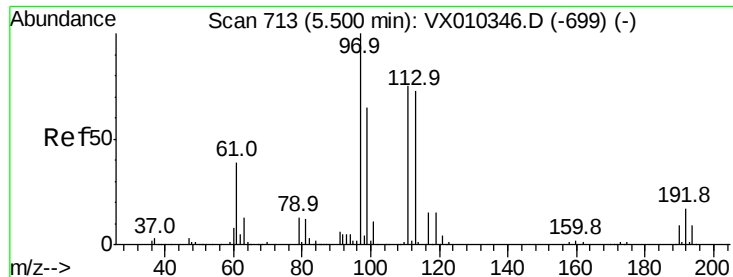
Tot Ion: 65 Resp: 121524
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010556.D
 Acq: 29 Jun 2019 00:21

Tgt Ion: 114 Resp: 389390
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.2 0.0 27.6

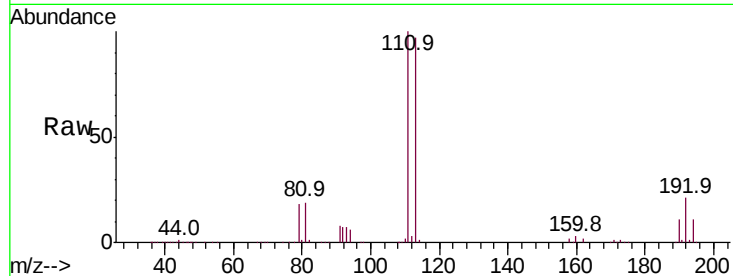




#35
 Dibromofluoromethane
 Concen: 49.489 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010556.D
 Acq: 29 Jun 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-2R

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	22.5	18.6	27.8

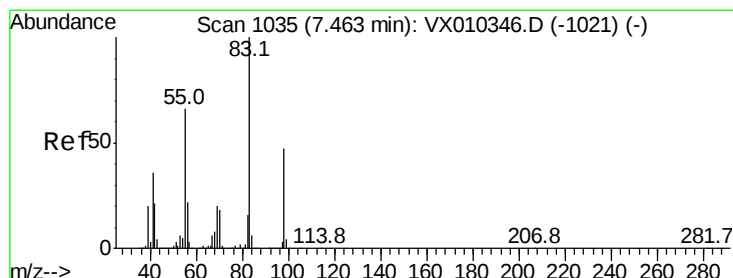
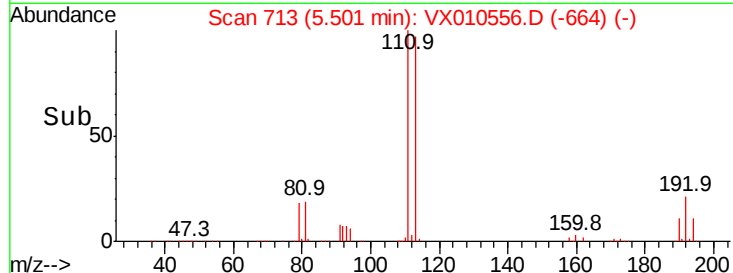
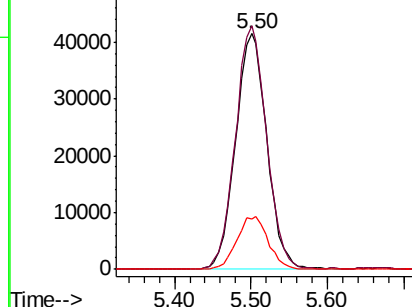


Abundance

Ion 112.80 (112.50 to 113.50): V

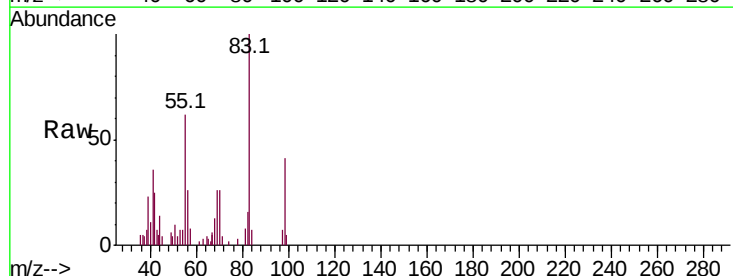
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39
 Methylcyclohexane
 Concen: 1.128 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX010556.D
 Acq: 29 Jun 2019 00:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.9	53.0	79.6
98	41.1	37.8	56.8

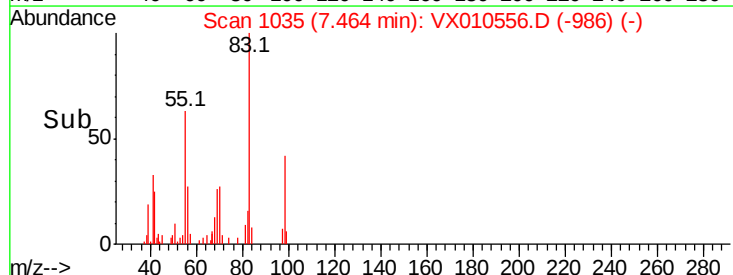
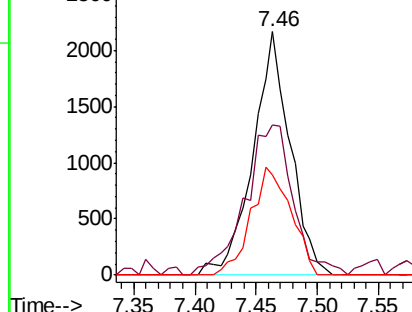


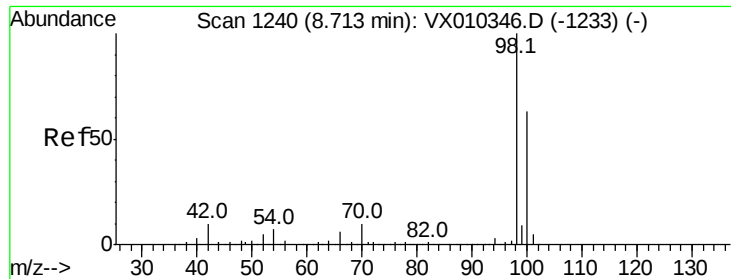
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 50.174 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010556.D

Acq: 29 Jun 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

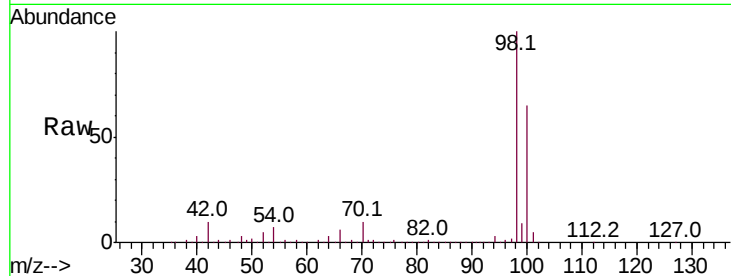
PW-2R

Tot Ion: 98 Resp: 457319

Ion Ratio Lower Upper

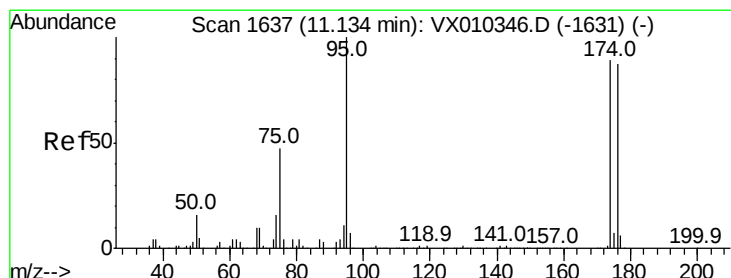
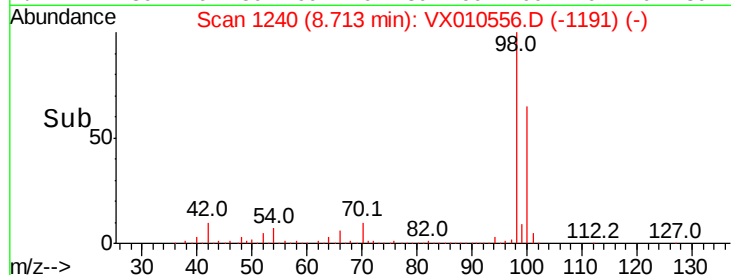
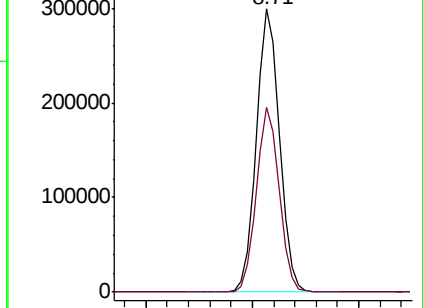
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.494 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010556.D

Acq: 29 Jun 2019 00:21

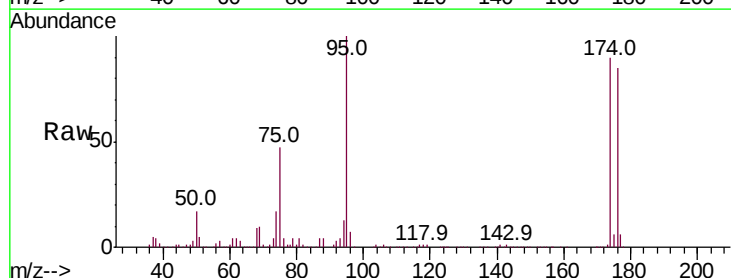
Tgt Ion: 95 Resp: 156287

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.6

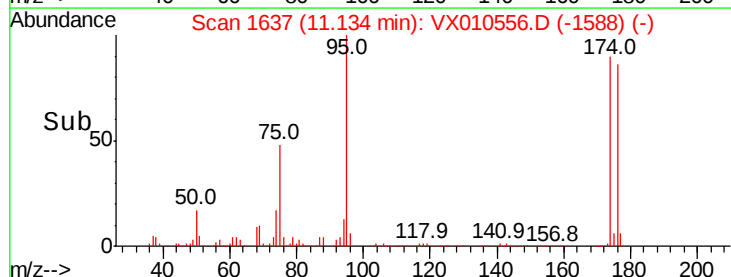
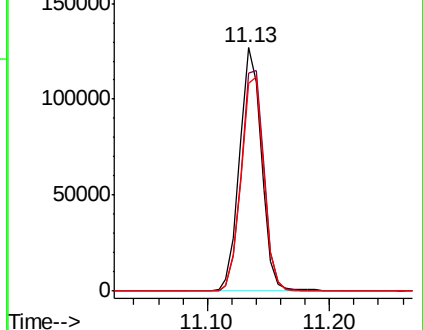
176 91.6 0.0 184.0

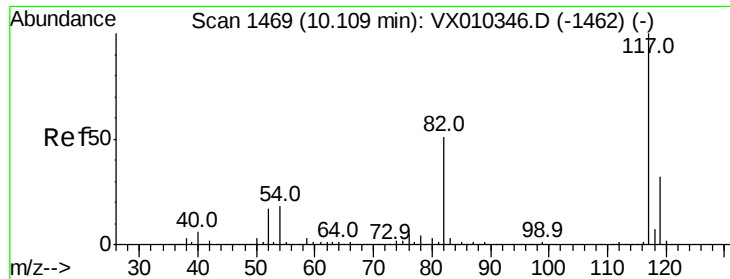


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

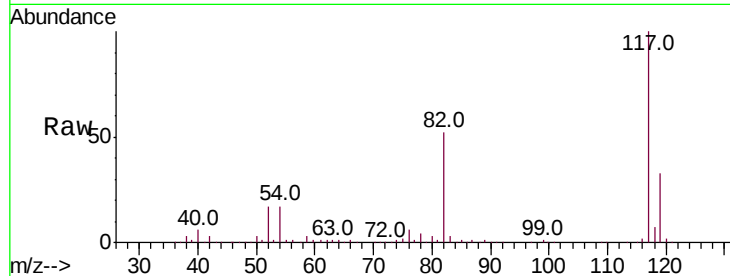




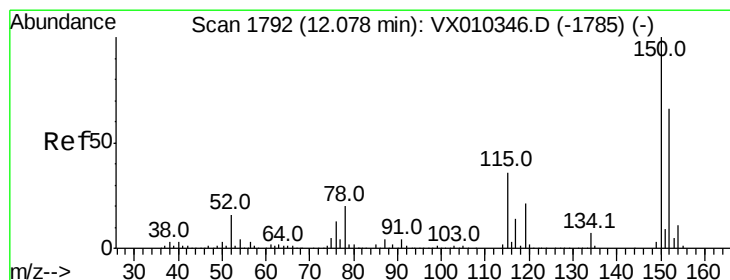
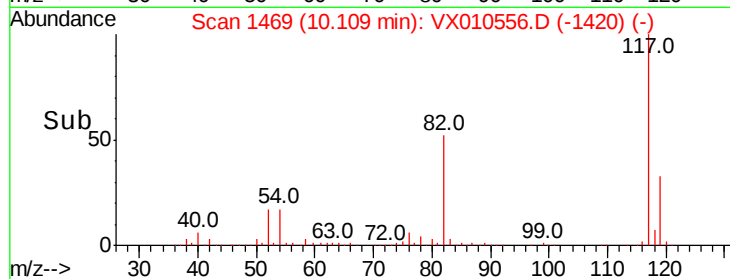
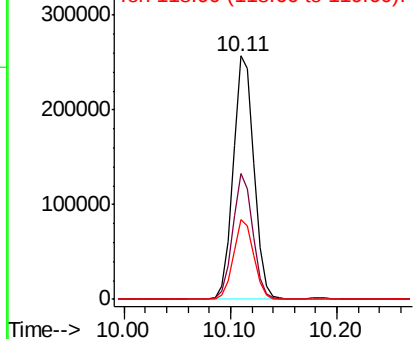
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010556.D
Acq: 29 Jun 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
PW-2R

Tot Ion:117 Resp: 351674
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.6 25.5 38.3

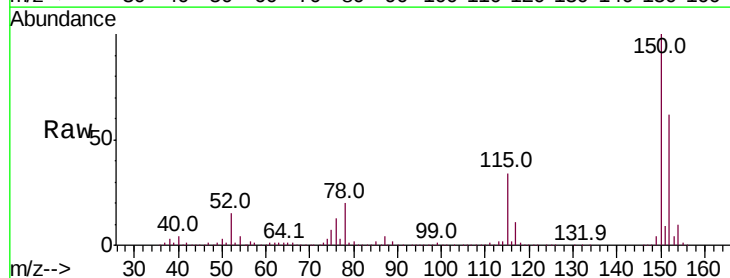


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

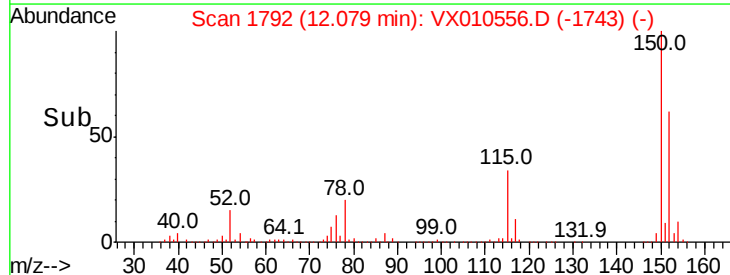
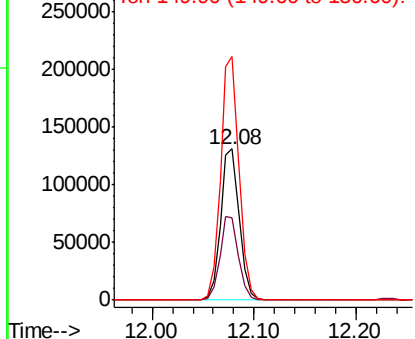


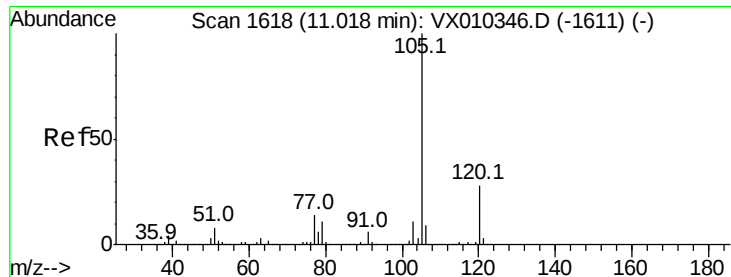
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010556.D
Acq: 29 Jun 2019 00:21

Tgt Ion:152 Resp: 166373
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 158.9 0.0 347.4



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





#73

Isopropylbenzene

Concen: 0.686 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010556.D

Acq: 29 Jun 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

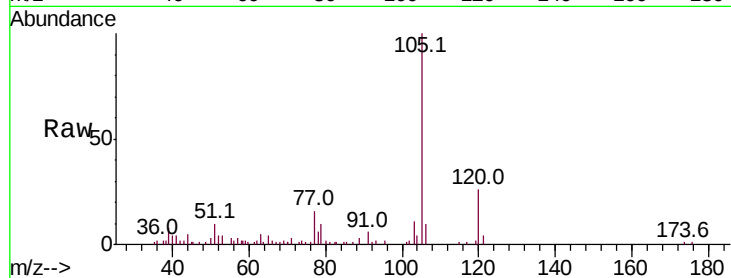
PW-2R

Tot Ion:105 Resp: 7734

Ion Ratio Lower Upper

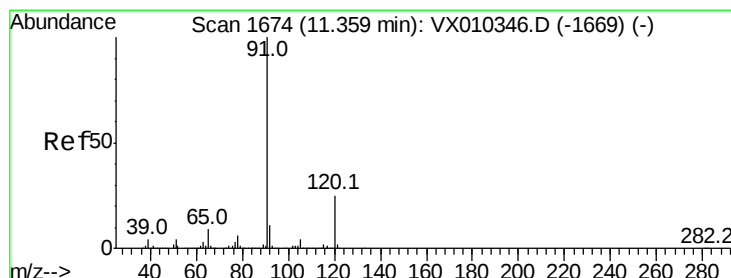
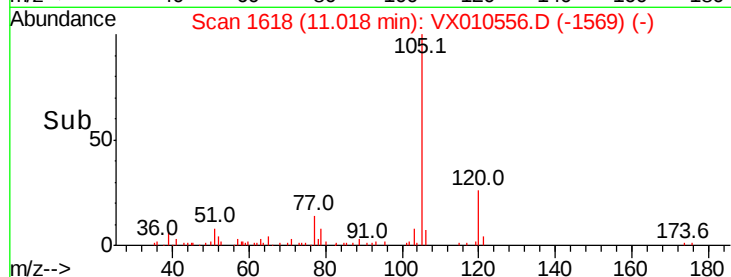
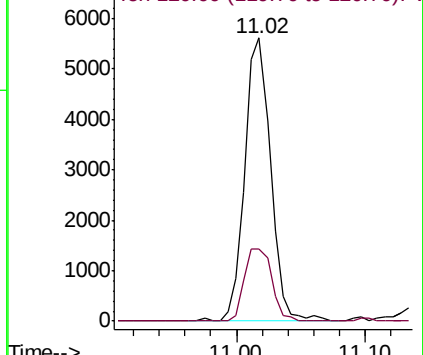
105 100

120 27.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.476 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010556.D

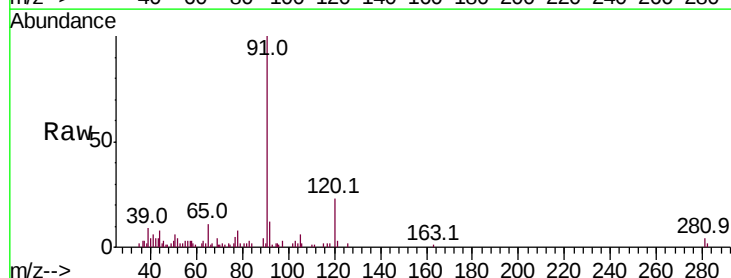
Acq: 29 Jun 2019 00:21

Tgt Ion: 91 Resp: 5906

Ion Ratio Lower Upper

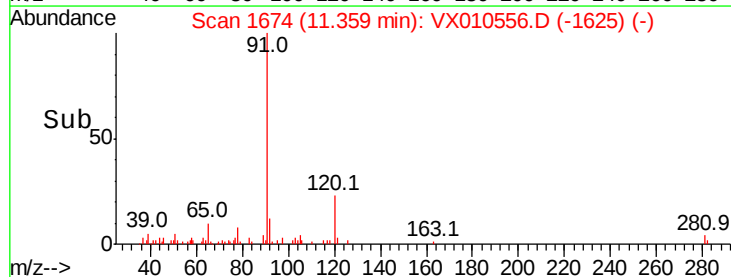
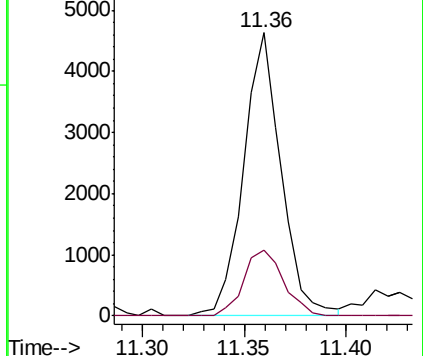
91 100

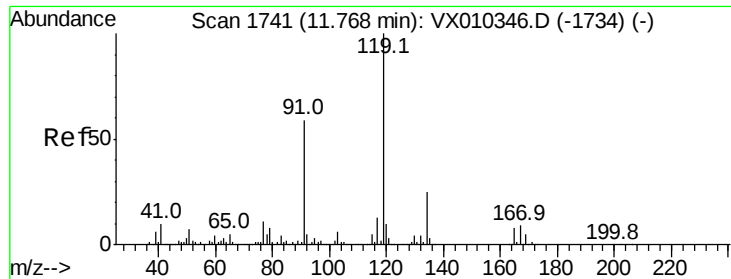
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 0.755 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010556.D

Acq: 29 Jun 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

PW-2R

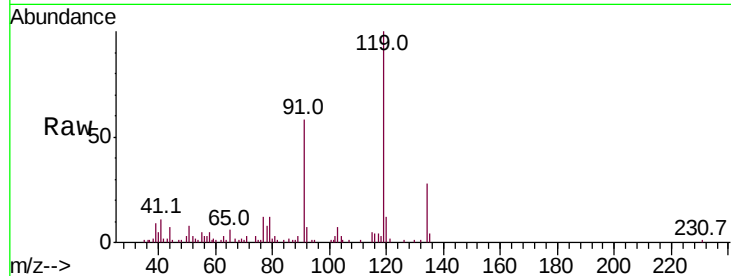
Tot Ion:119 Resp: 7049

Ion Ratio Lower Upper

119 100

91 69.9 27.6 82.7

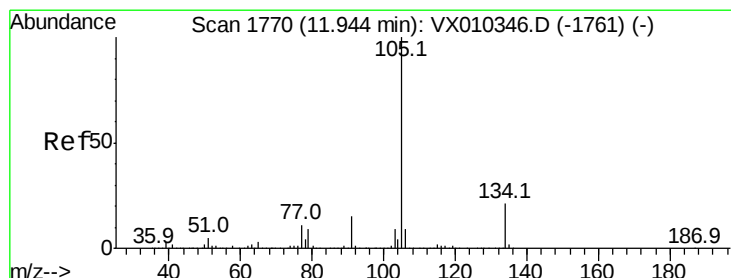
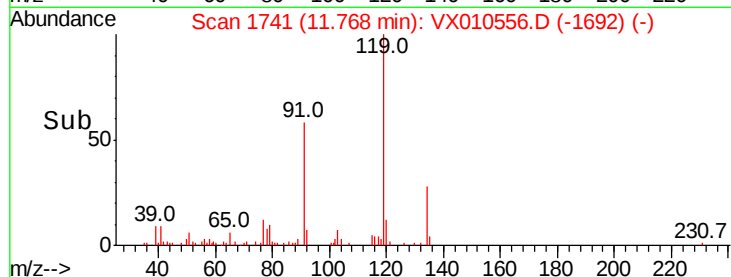
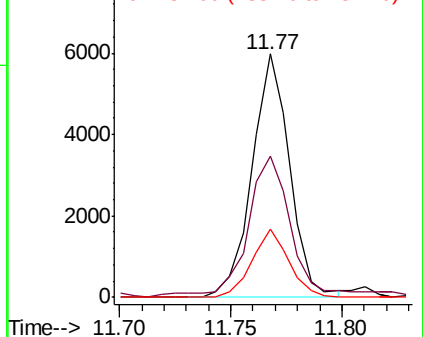
134 27.5 11.8 35.4



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: 0.680 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010556.D

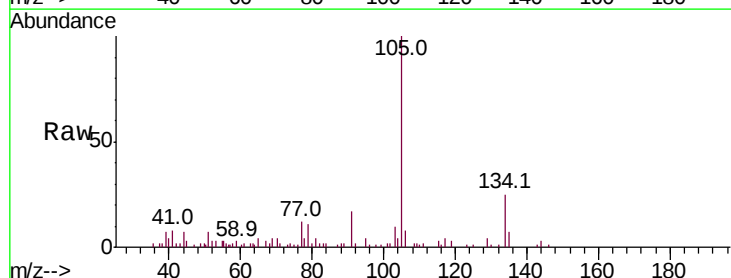
Acq: 29 Jun 2019 00:21

Tgt Ion:105 Resp: 7451

Ion Ratio Lower Upper

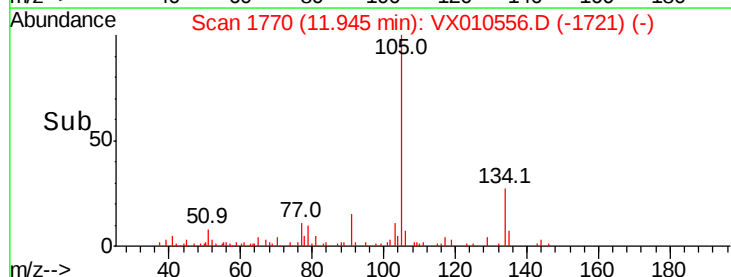
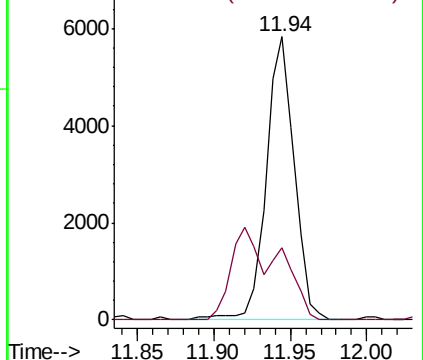
105 100

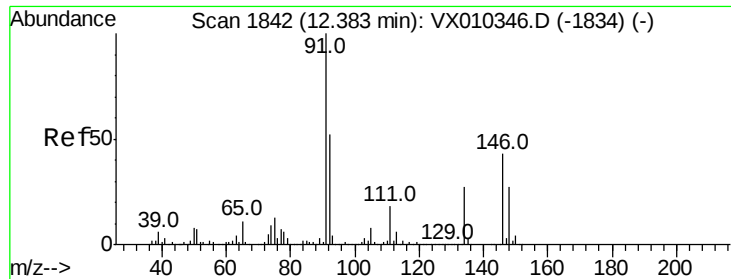
134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

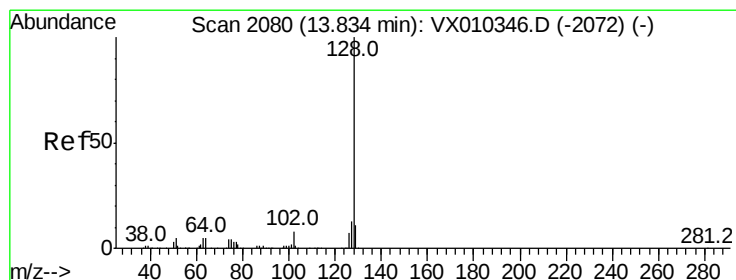
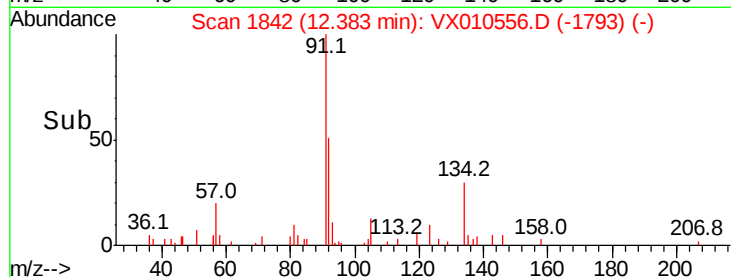
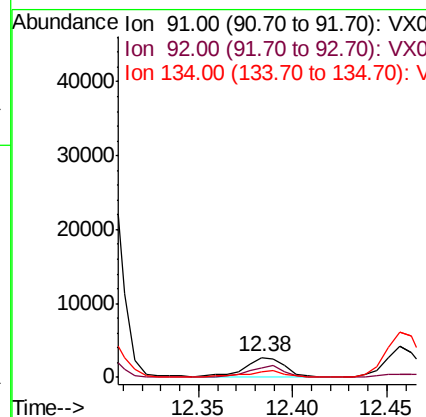
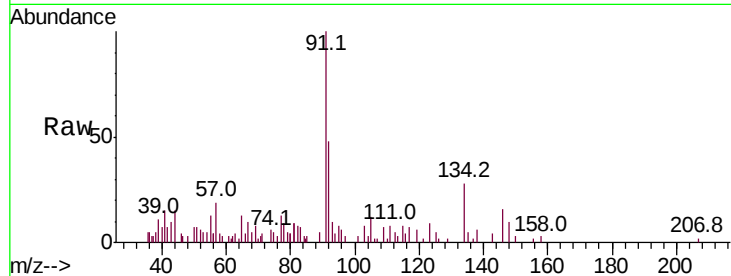




#89
n-Butylbenzene
Concen: 0.435 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010556.D
Acq: 29 Jun 2019 00:21

Instrument :
MSVOA_X
ClientSampled :
PW-2R

Tot Ion: 91 Resp: 3744
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 35.8 14.1 42.4



#95
Naphthalene
Concen: 1.199 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010556.D
Acq: 29 Jun 2019 00:21

Tgt Ion: 128 Resp: 13957
Ion Ratio Lower Upper
128 100
127 18.7 10.2 15.4#
129 0.0 8.9 13.3#

