

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009548.D
 Acq On : 13 May 2019 17:04
 Operator : JC/SP
 Sample : K2840-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KR-01 13-18

Quant Time: May 14 04:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

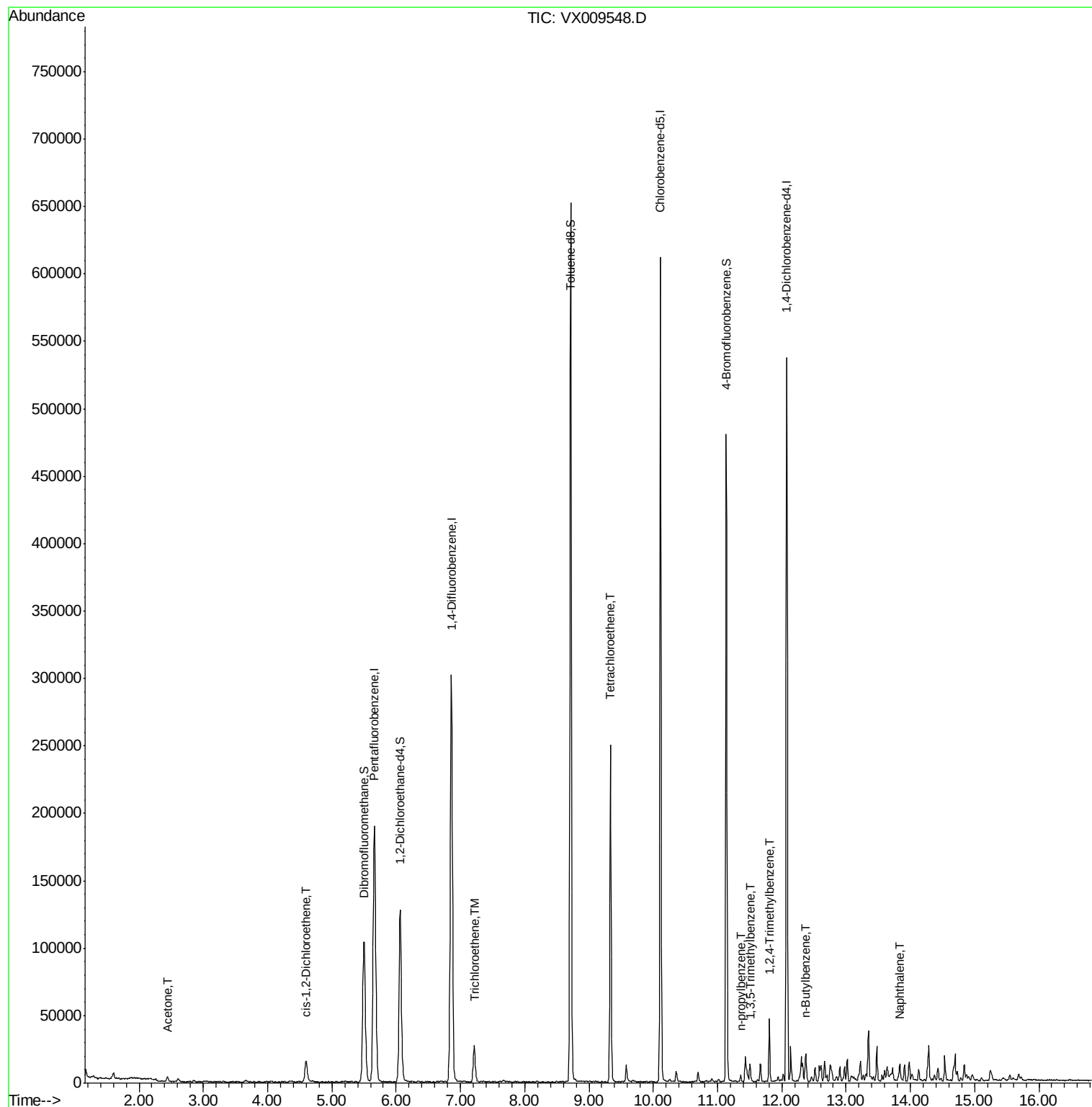
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121771	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	5.49	113	91357	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	374317	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	124640	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	4232	3.075	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	9587	4.204	ug/l	90
44) Trichloroethene	7.21	130	10659	5.148	ug/l	96
64) Tetrachloroethene	9.34	164	50340	28.091	ug/l	98
78) n-propylbenzene	11.36	91	2455	0.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	5172	0.737	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	19459	2.764	ug/l	100
89) n-Butylbenzene	12.38	91	2908	0.442	ug/l #	37
95) Naphthalene	13.83	128	7174	0.859	ug/l #	96

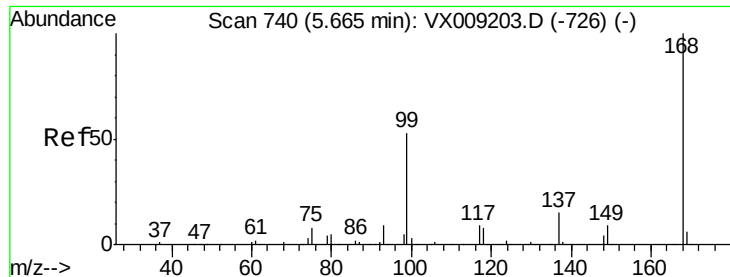
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051319\
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Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Quant Time: May 14 04:47:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

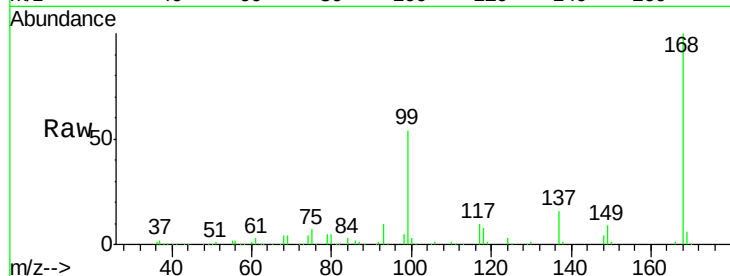
KR-01_13-18

Tot Ion:168 Resp: 187744

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

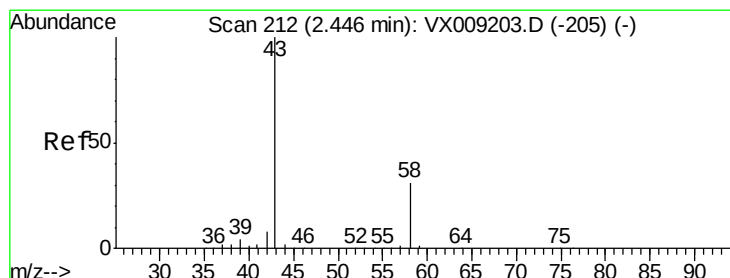
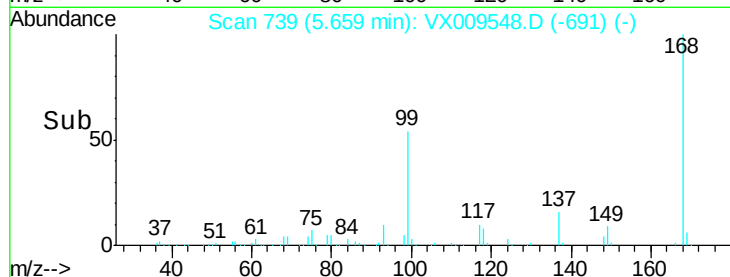
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 3.075 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009548.D

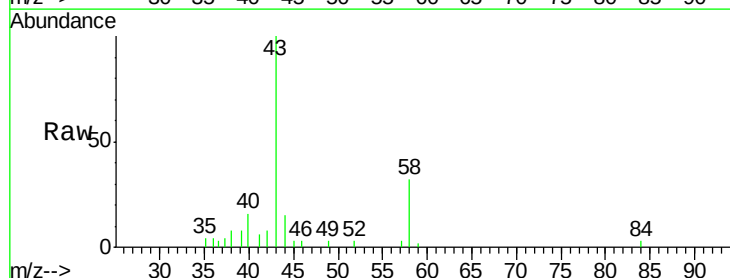
Acq: 13 May 2019 17:04

Tgt Ion: 43 Resp: 4232

Ion Ratio Lower Upper

43 100

58 32.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

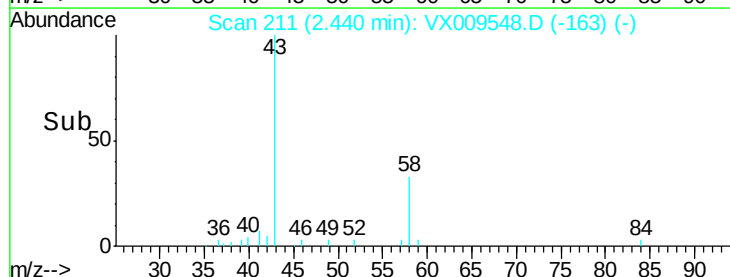
1000

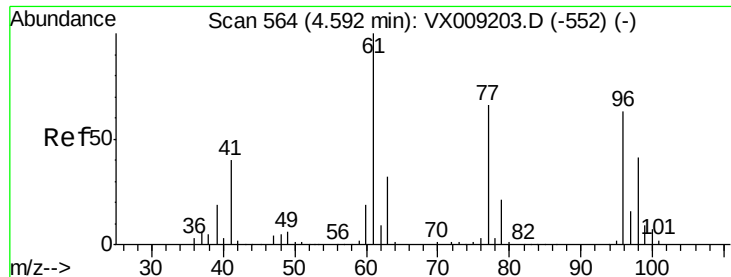
500

0

2.35 2.40 2.45 2.50 2.55

Time-->



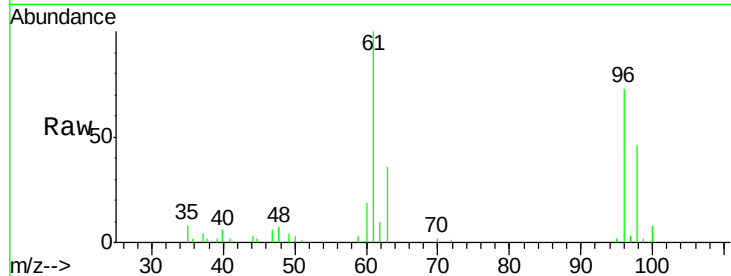


#27

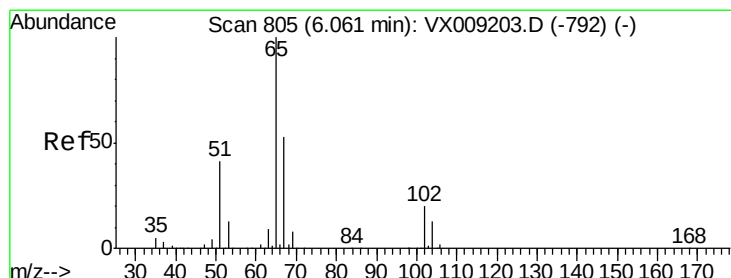
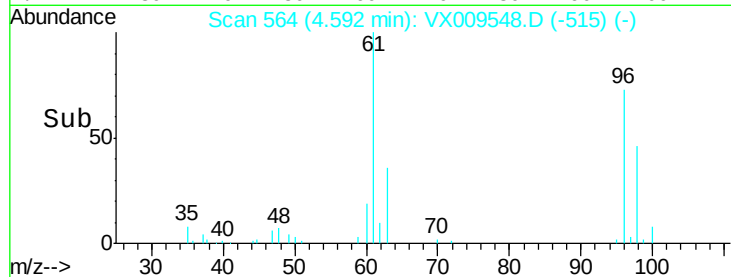
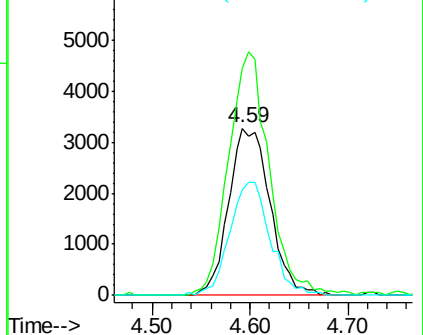
cis-1,2-Dichloroethene
Concen: 4.204 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	324.0
98	66.8	0.0	130.4



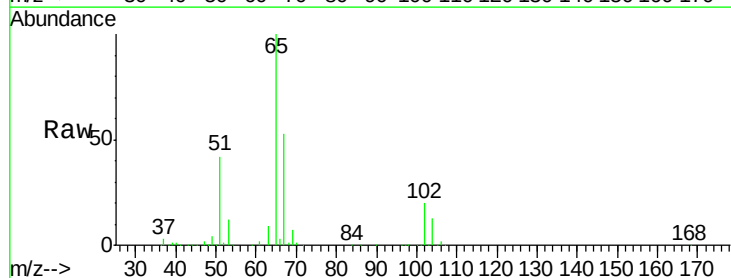
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



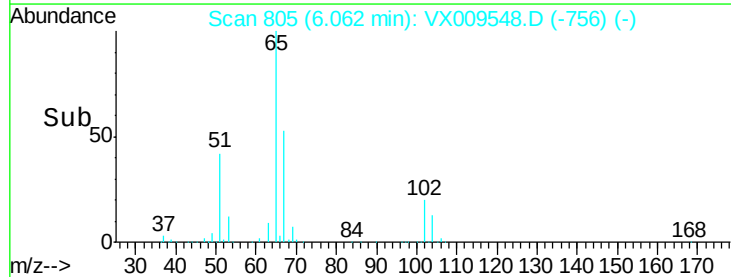
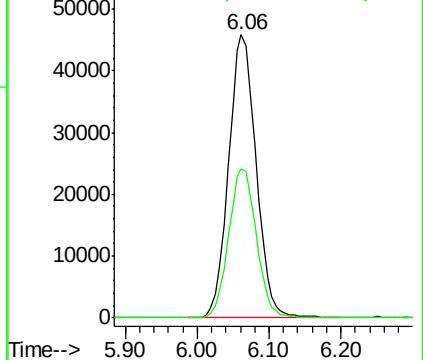
#33

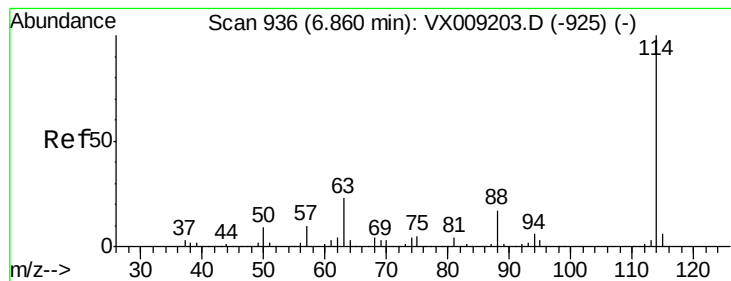
1,2-Dichloroethane-d4
Concen: 47.512 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.6



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# 936

Delta R.T. 0.00 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

KR-01_13-18

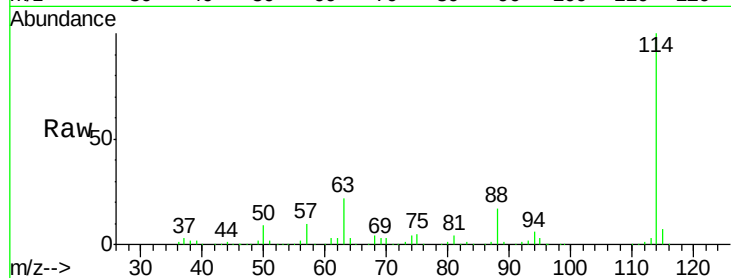
Tot Ion:114 Resp: 297763

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.6 0.0 33.2



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

150000

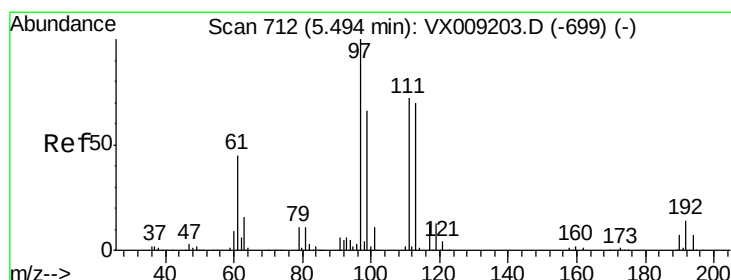
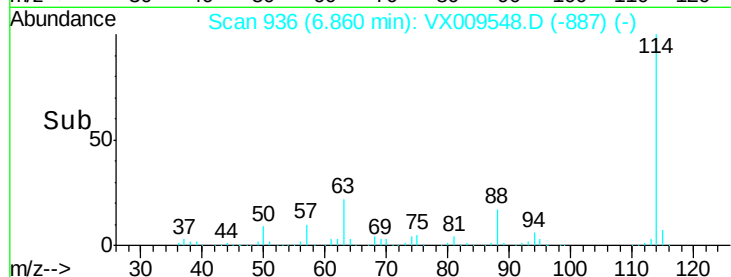
100000

50000

0

6.86

6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 48.806 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

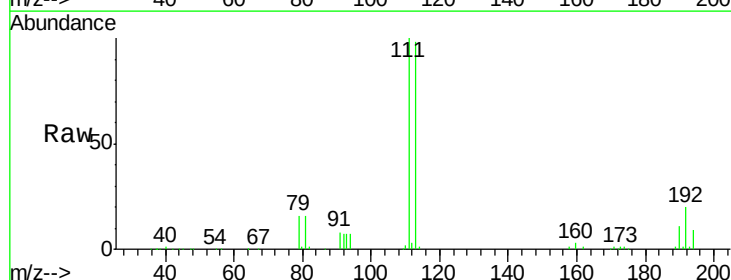
Tgt Ion:113 Resp: 91357

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 22.0 17.0 25.6



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

40000

30000

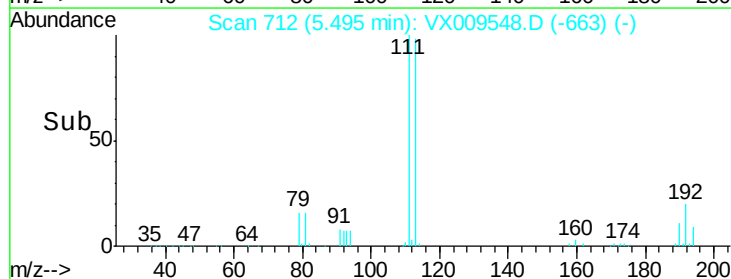
20000

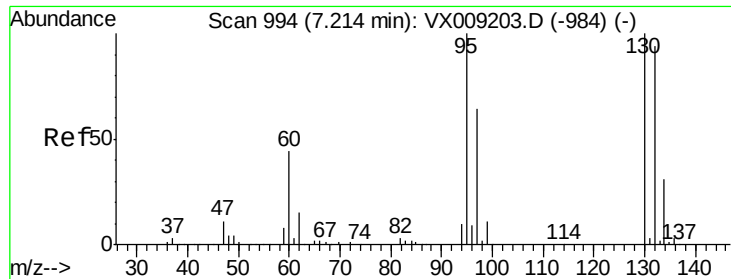
10000

0

5.49

5.40 5.50 5.60 5.70

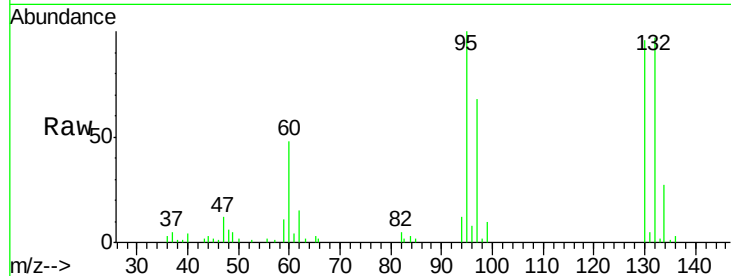




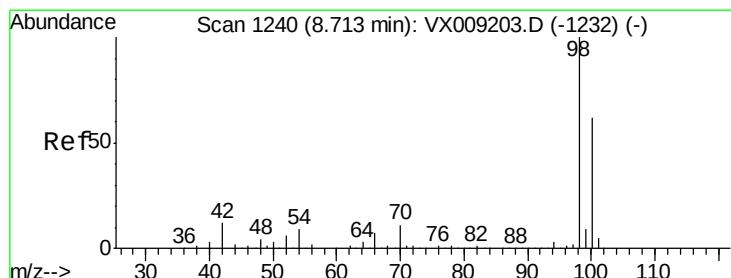
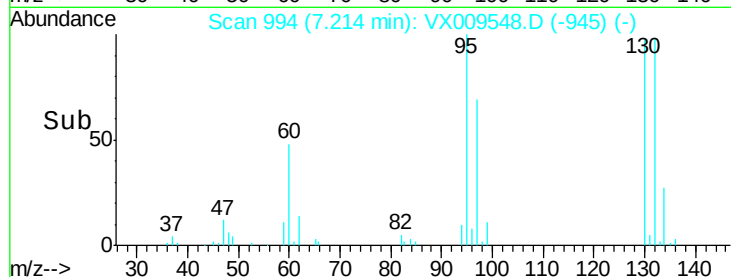
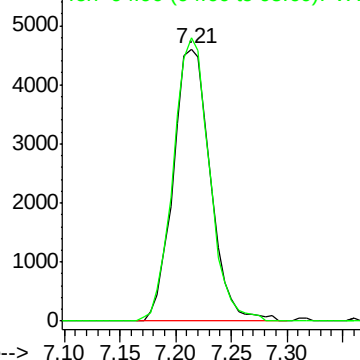
#44
 Trichloroethene
 Concen: 5.148 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009548.D
 Acq: 13 May 2019 17:04

Instrument :
 MSVOA_X
 ClientSampled :
 KR-01_13-18

Tot Ion:130 Resp: 10659
 Ion Ratio Lower Upper
 130 100
 95 103.9 0.0 199.2

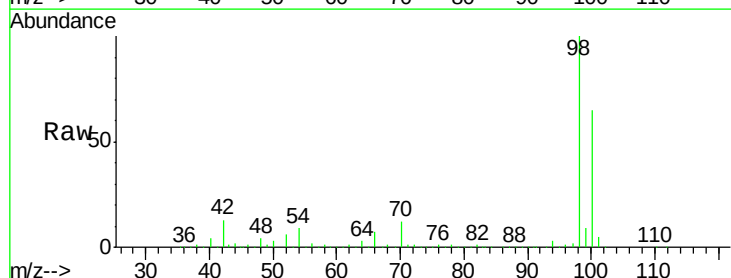


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

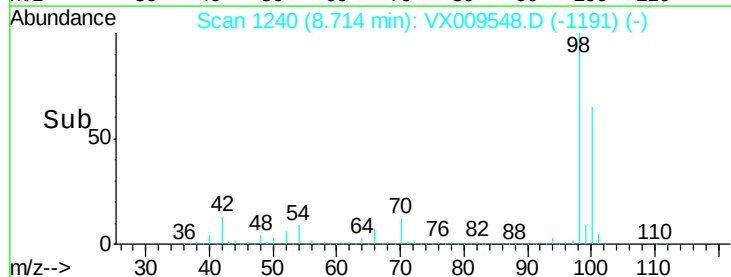
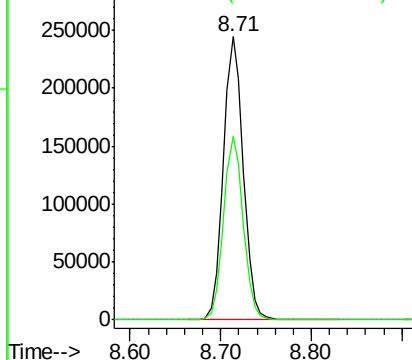


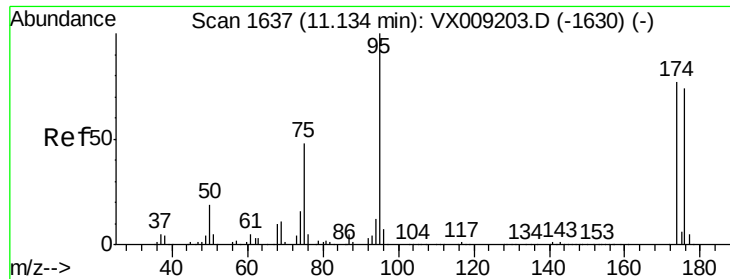
#50
 Toluene-d8
 Concen: 49.531 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009548.D
 Acq: 13 May 2019 17:04

Tgt Ion: 98 Resp: 374317
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

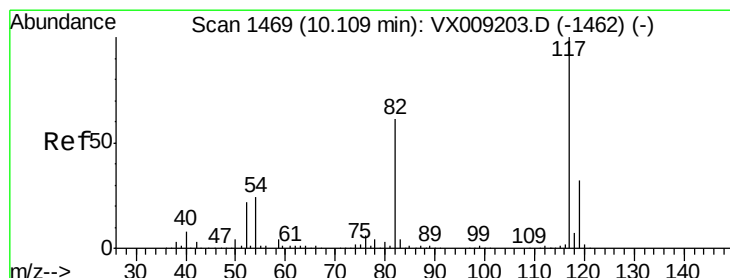
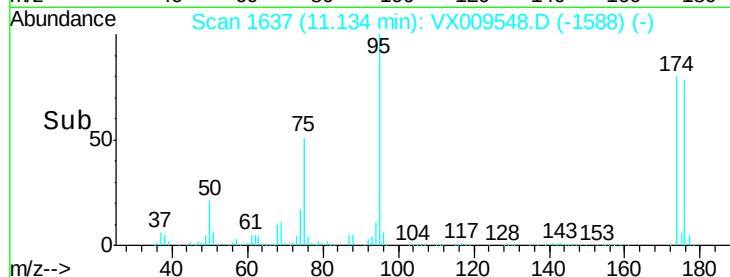
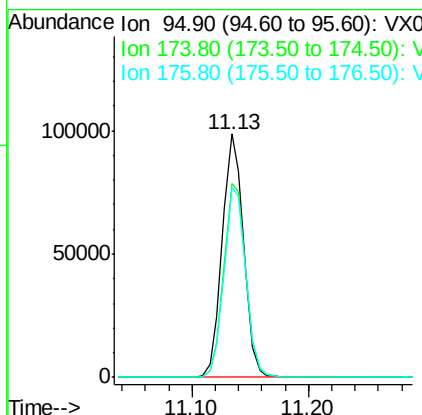
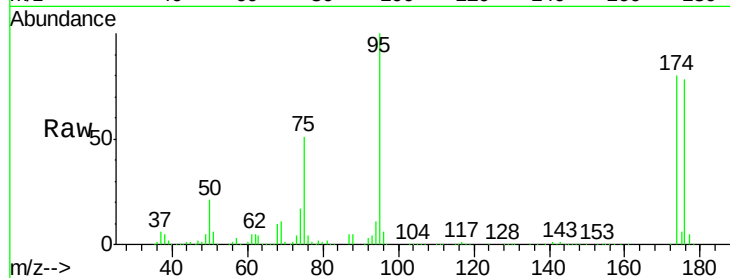




#62
4-Bromofluorobenzene
Concen: 45.390 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

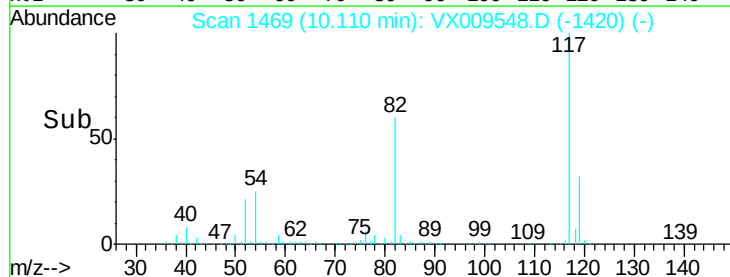
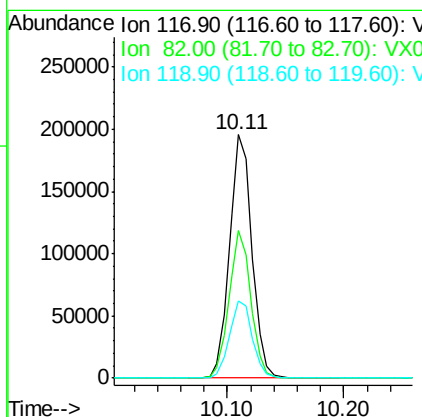
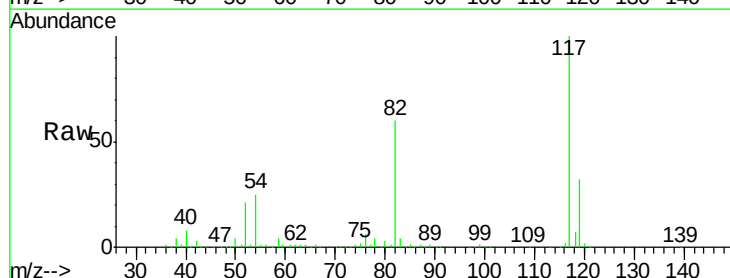
Instrument :
MSVOA_X
ClientSampled :
KR-01_13-18

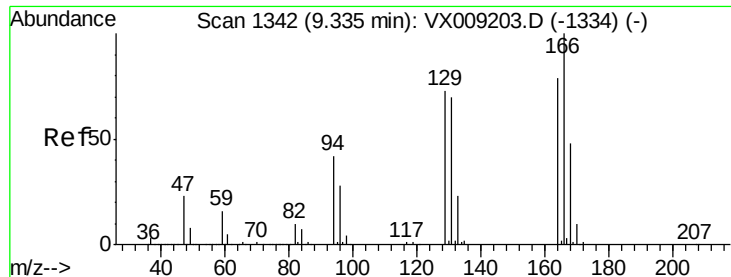
Tot Ion: 95 Resp: 124640
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.6
176 80.0 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 117 Resp: 261250
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 31.7 25.8 38.6





#64

Tetrachloroethene

Concen: 28.091 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

KR-01_13-18

Tot Ion:164 Resp: 50340

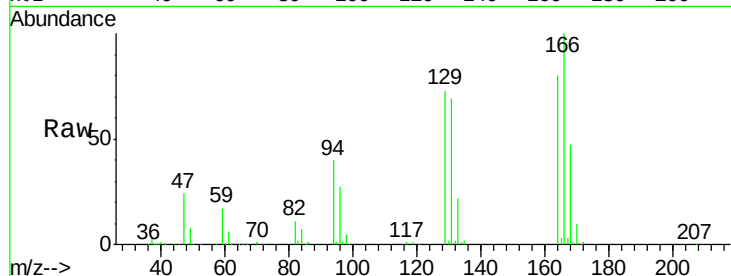
Ion Ratio Lower Upper

164 100

166 124.4 101.2 151.8

129 90.3 74.3 111.5

131 86.3 71.0 106.6

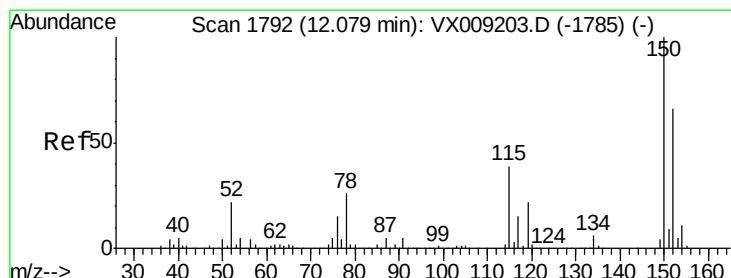
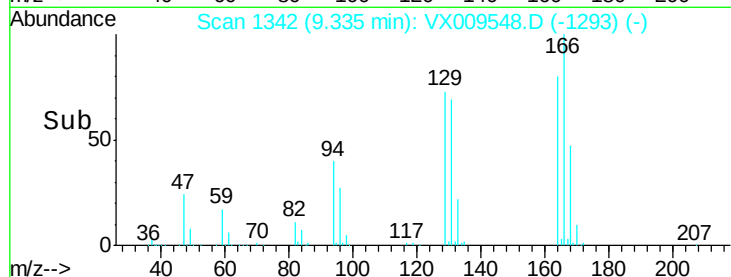
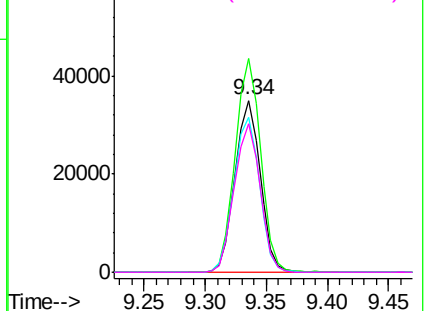


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX009548.D

Acq: 13 May 2019 17:04

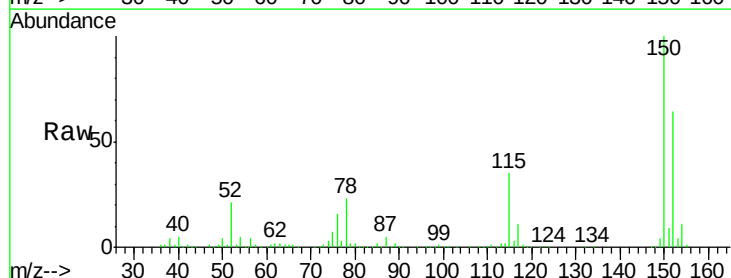
Tgt Ion:152 Resp: 114569

Ion Ratio Lower Upper

152 100

115 57.6 41.2 123.6

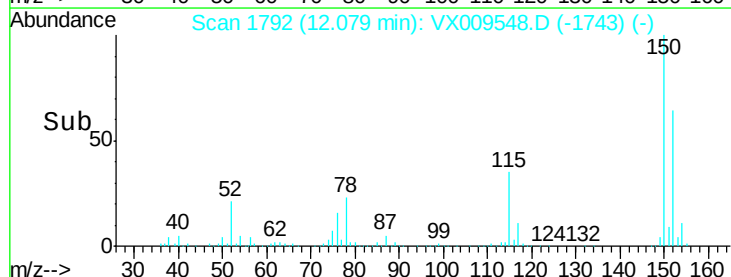
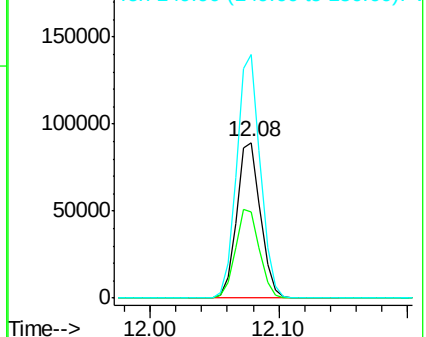
150 155.9 0.0 346.4

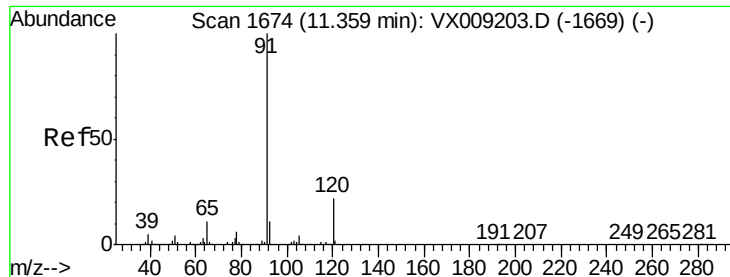


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.258 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

Instrument :

MSVOA_X

ClientSampled :

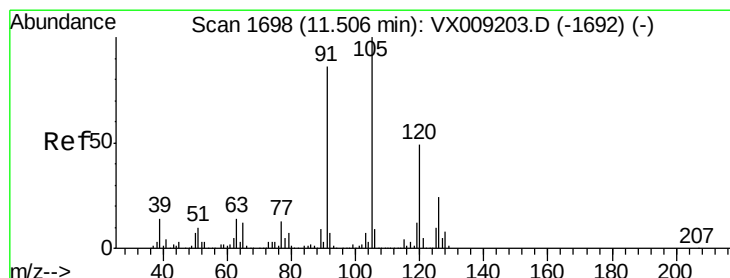
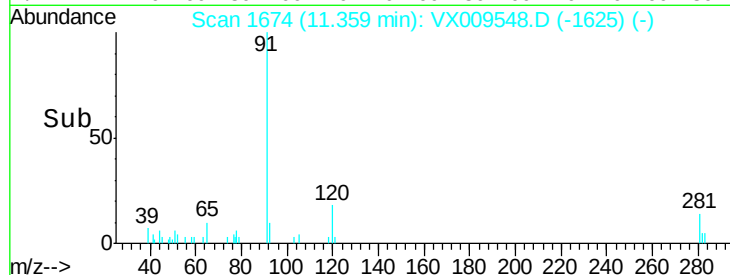
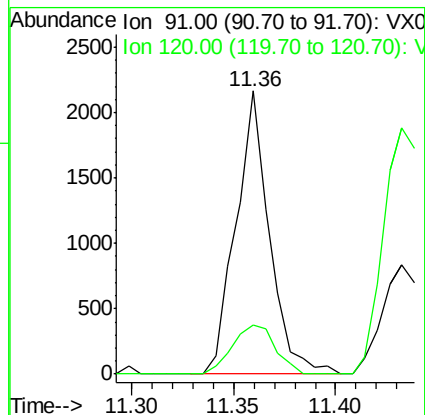
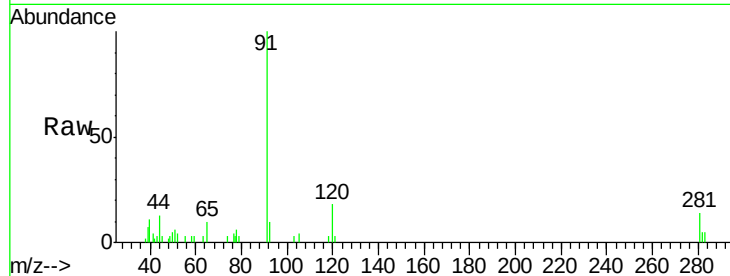
KR-01 13-18

Tot Ion: 91 Resp: 2455

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0



#80

1,3,5-Trimethylbenzene

Concen: 0.737 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009548.D

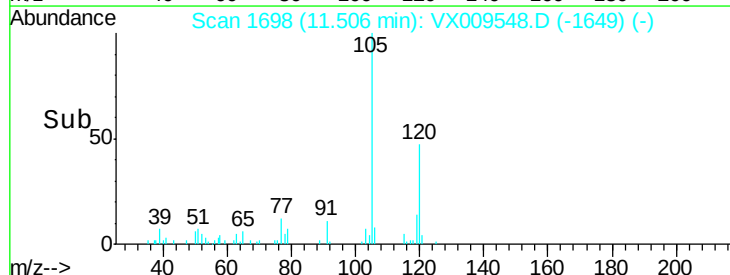
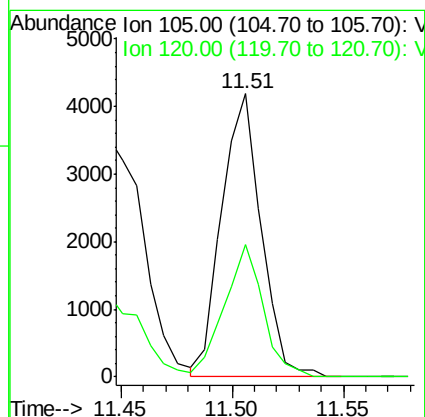
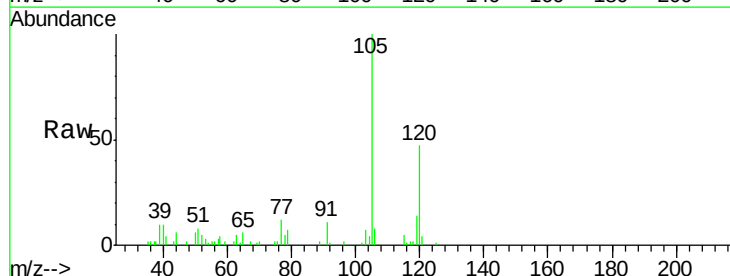
Acq: 13 May 2019 17:04

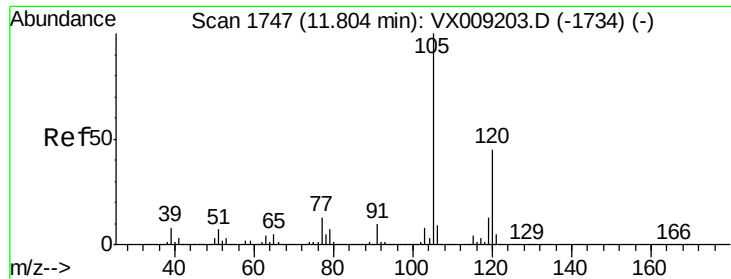
Tgt Ion: 105 Resp: 5172

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 2.764 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

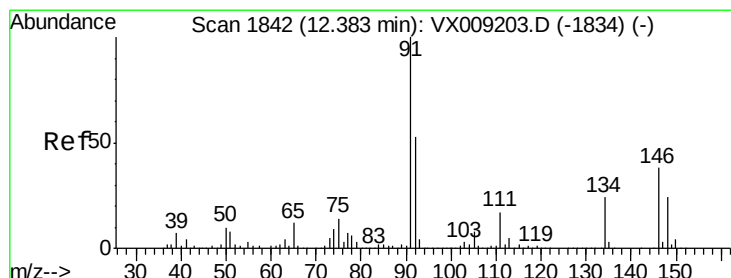
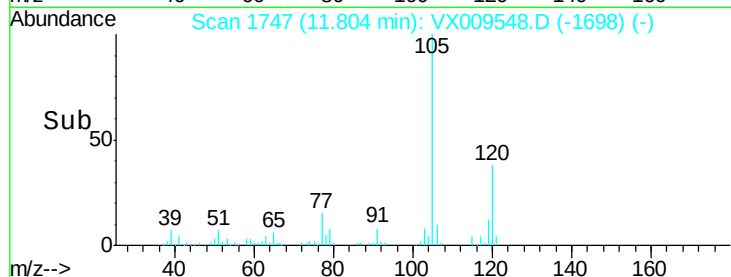
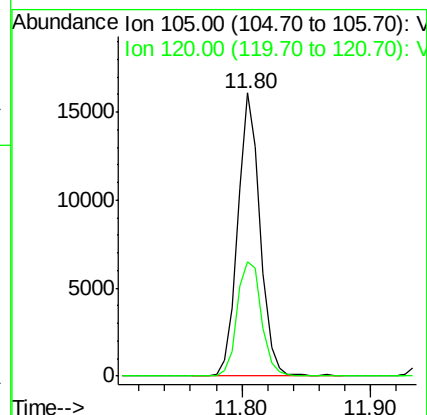
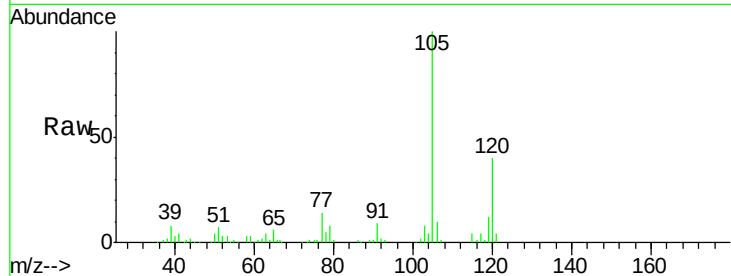
KR-01_13-18

Tot Ion:105 Resp: 19459

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0



#89

n-Butylbenzene

Concen: 0.442 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009548.D

Acq: 13 May 2019 17:04

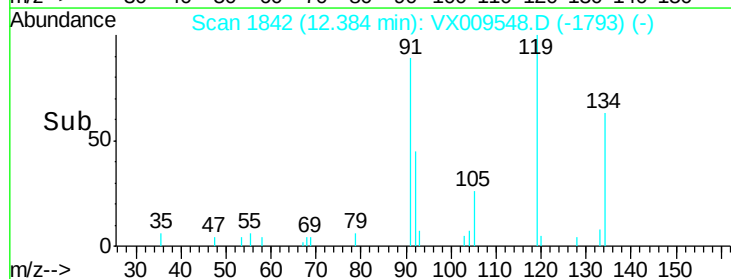
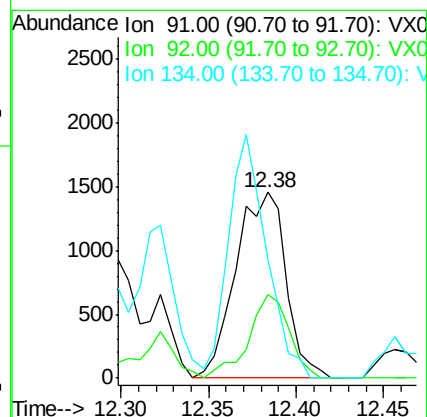
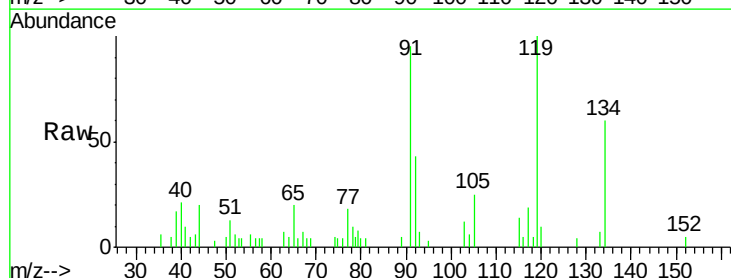
Tgt Ion: 91 Resp: 2908

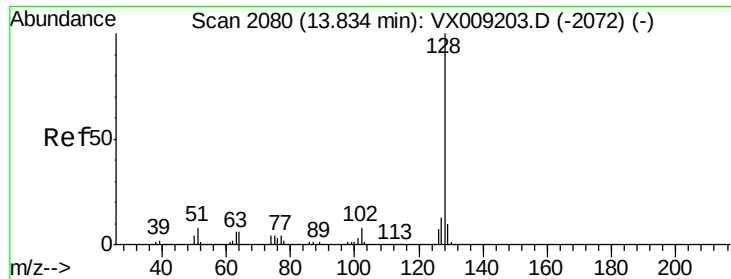
Ion Ratio Lower Upper

91 100

92 36.2 26.5 79.5

134 99.0 12.4 37.2#

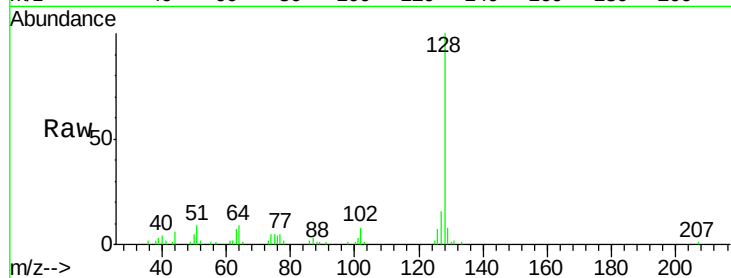




#95
Naphthalene
Concen: 0.859 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	13.3	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

