

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008148.D
 Acq On : 16 Mar 2019 18:27
 Operator : JC/SP
 Sample : K1905-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200052

Quant Time: Mar 18 02:35:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

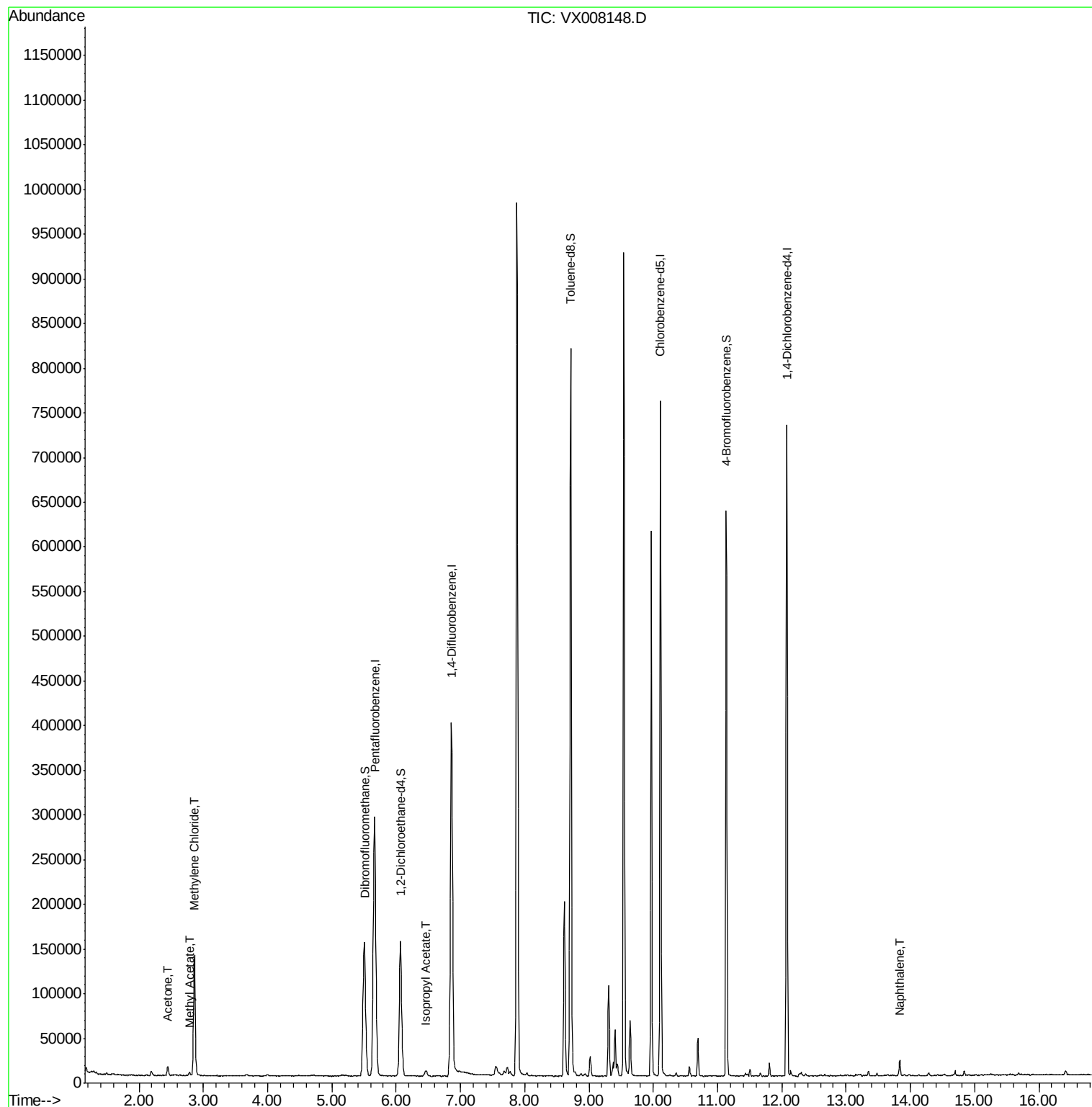
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139611	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
35) Dibromofluoromethane	5.51	113	130293	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	498685	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	163660	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
16) Acetone	2.45	43	10815	7.204	ug/l	91
18) Methyl Acetate	2.78	43	4688	1.445	ug/l	100
20) Methylene Chloride	2.86	84	66186	24.685	ug/l	89
43) Isopropyl Acetate	6.46	43	8341	1.368	ug/l #	96
95) Naphthalene	13.83	128	11246	1.058	ug/l	99

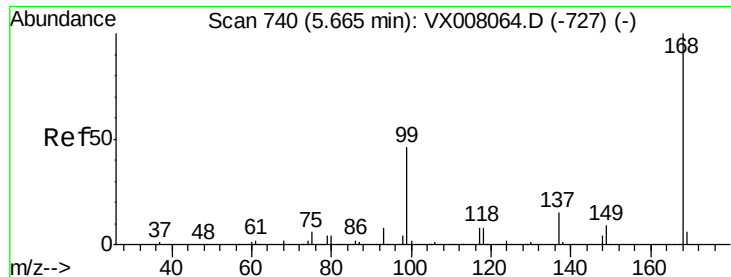
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008148.D

Acq: 16 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

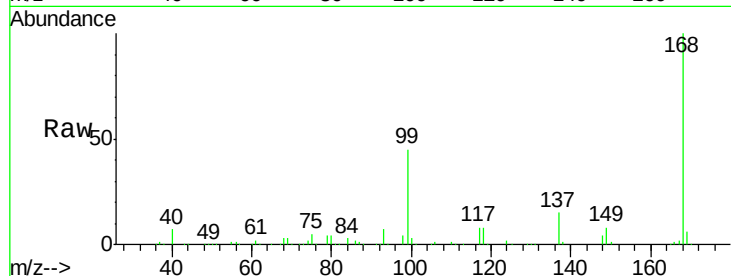
RBR-200052

Tot Ion:168 Resp: 315237

Ion Ratio Lower Upper

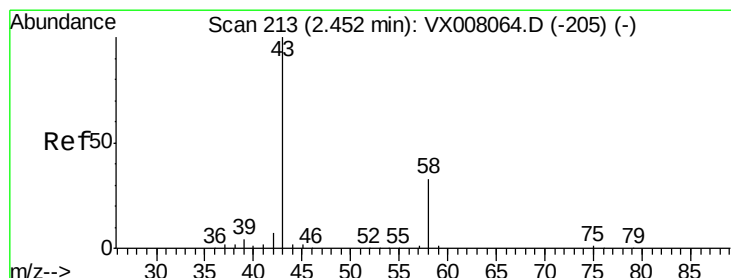
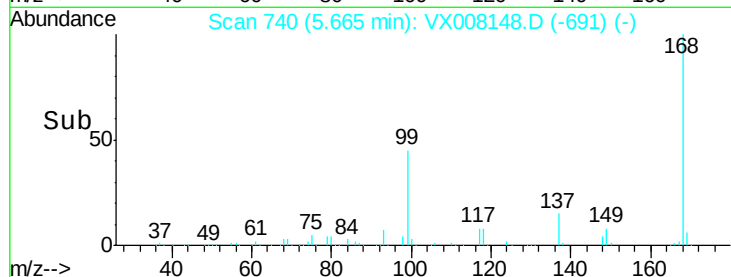
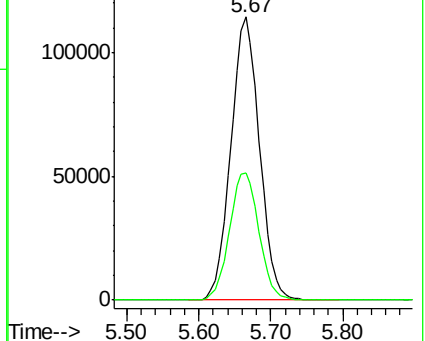
168 100

99 45.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.204 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008148.D

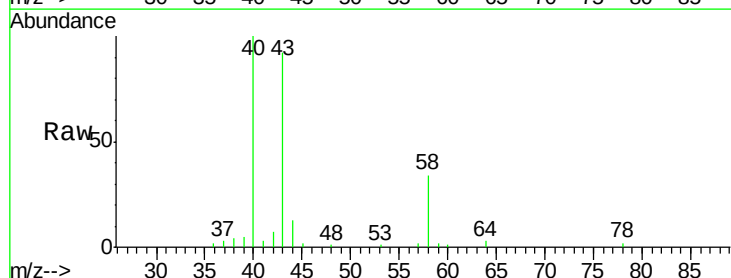
Acq: 16 Mar 2019 18:27

Tgt Ion: 43 Resp: 10815

Ion Ratio Lower Upper

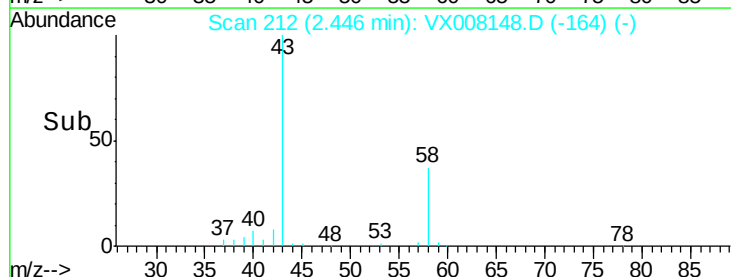
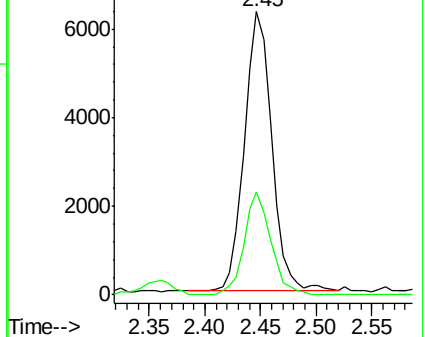
43 100

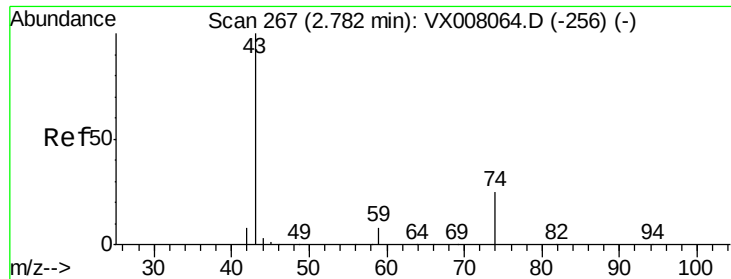
58 36.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.445 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008148.D

Acq: 16 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

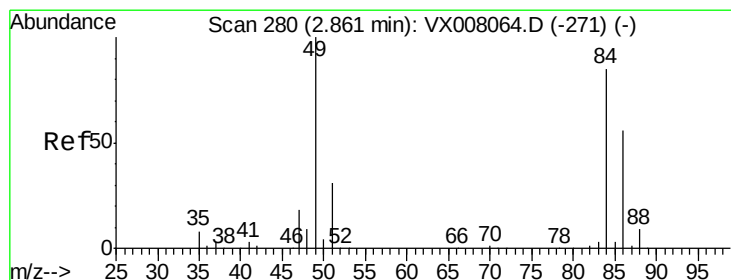
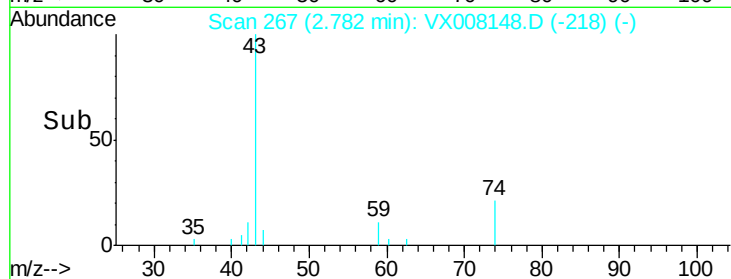
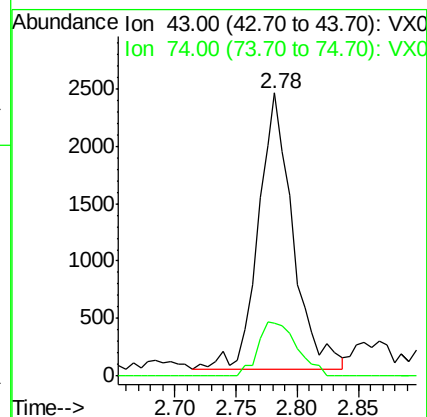
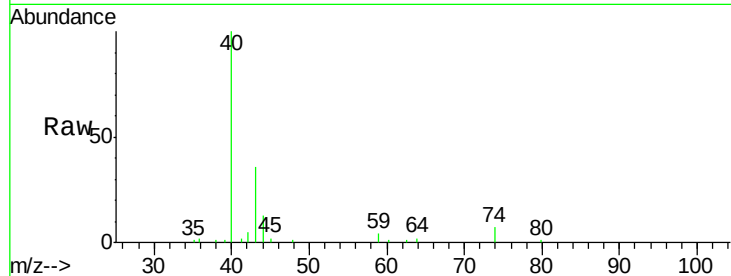
RBR-200052

Tot Ion: 43 Resp: 4688

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.6



#20

Methylene Chloride

Concen: 24.685 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX008148.D

Acq: 16 Mar 2019 18:27

Tgt Ion: 84 Resp: 66186

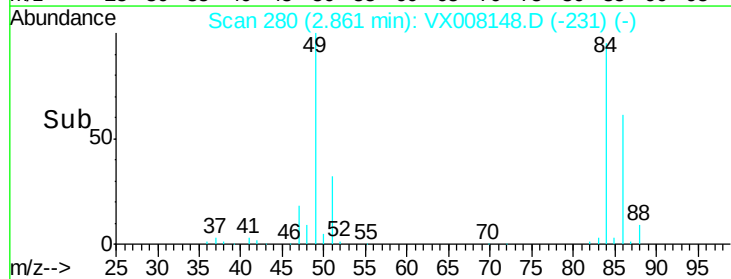
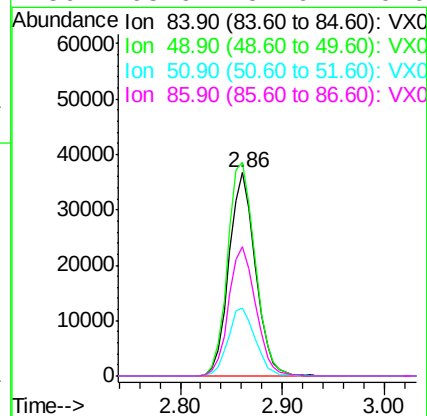
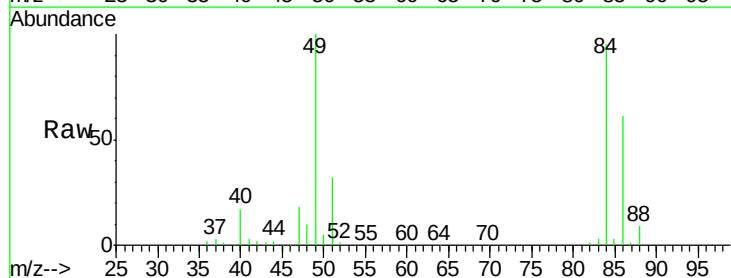
Ion Ratio Lower Upper

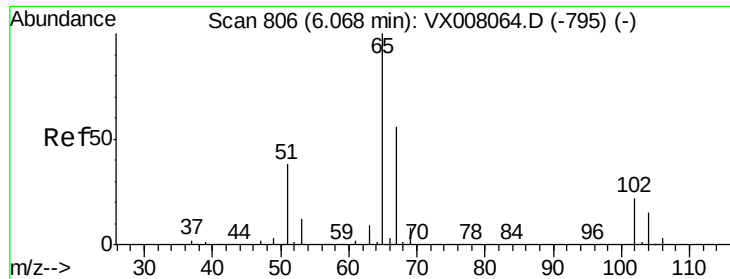
84 100

49 105.2 99.3 148.9

51 33.6 31.3 46.9

86 63.9 52.6 79.0

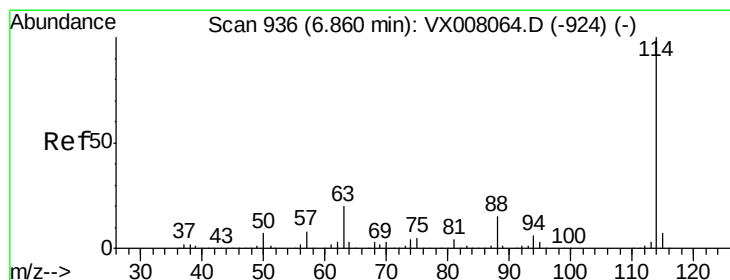
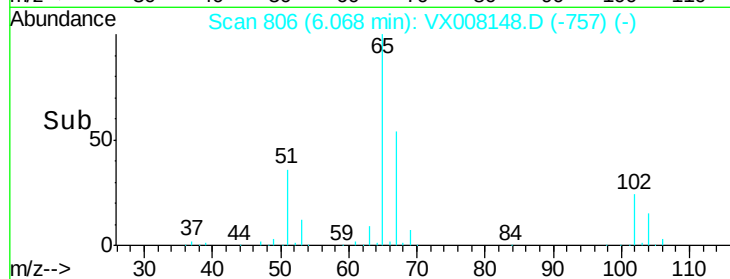
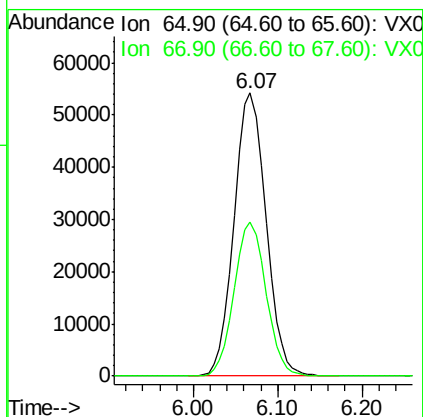
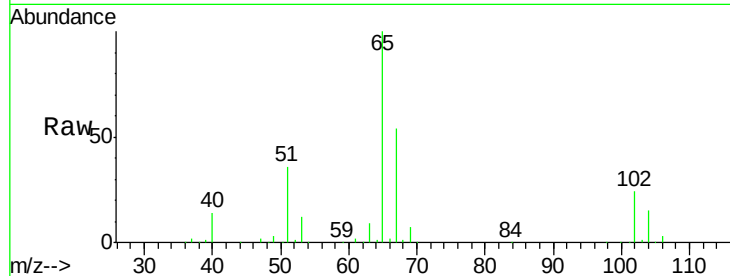




#33
 1,2-Dichloroethane-d4
 Concen: 43.904 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008148.D
 Acq: 16 Mar 2019 18:27

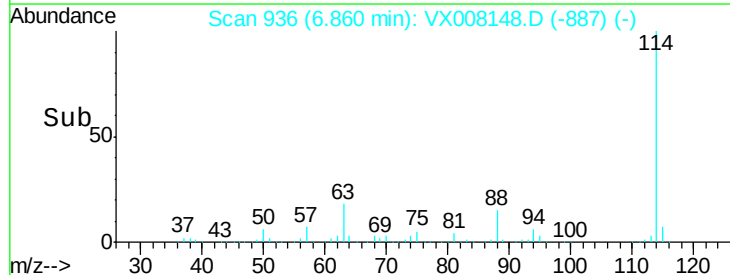
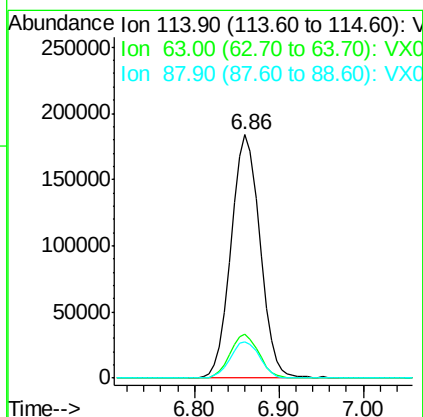
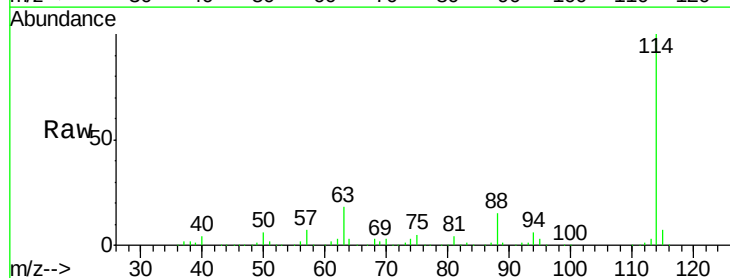
Instrument :
 MSVOA_X
 ClientSampled :
 RBR-200052

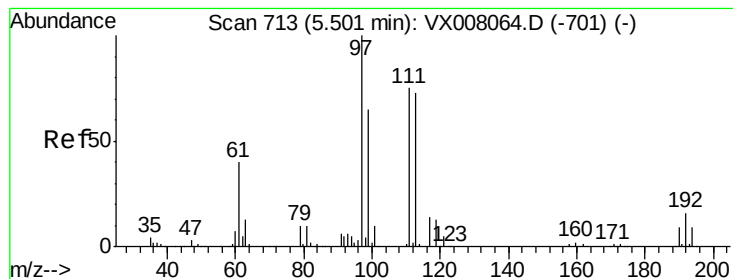
Tot Ion: 65 Resp: 139611
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008148.D
 Acq: 16 Mar 2019 18:27

Tgt Ion: 114 Resp: 428180
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.985 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008148.D

Acq: 16 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

RBR-200052

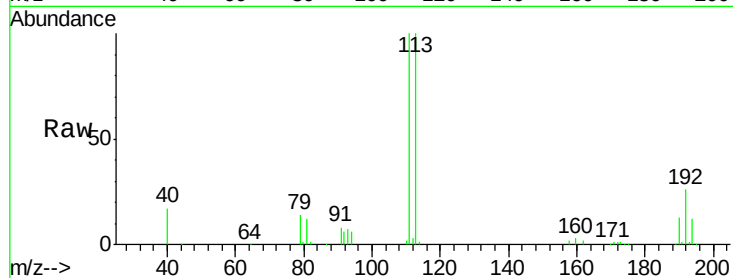
Tot Ion:113 Resp: 130293

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

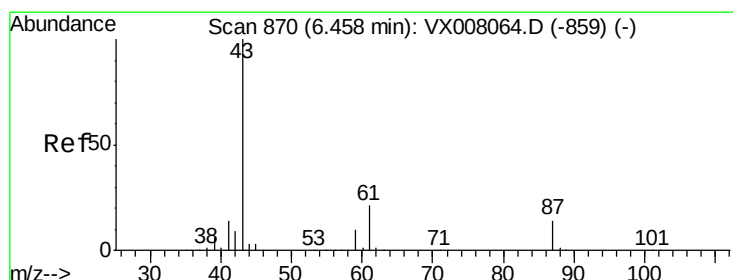
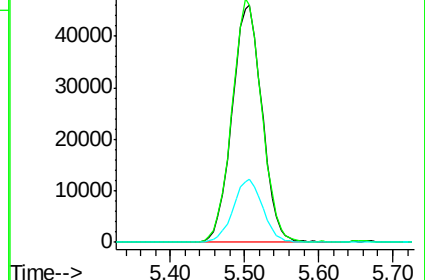
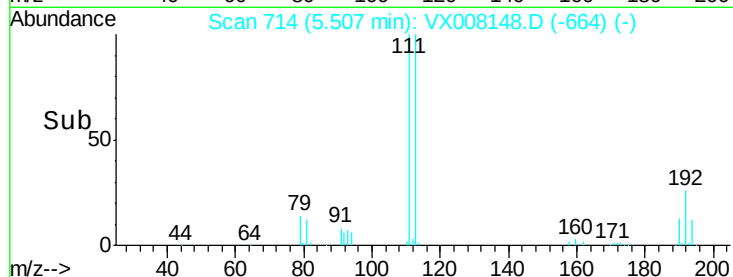
192 26.1 19.4 29.0



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: 1.368 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX008148.D

Acq: 16 Mar 2019 18:27

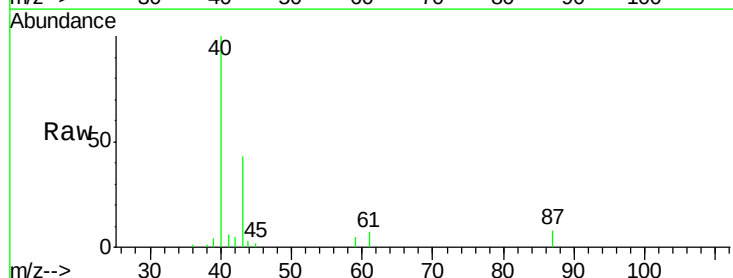
Tgt Ion: 43 Resp: 8341

Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

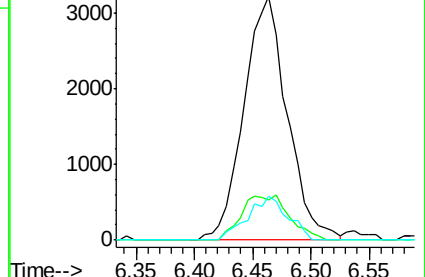
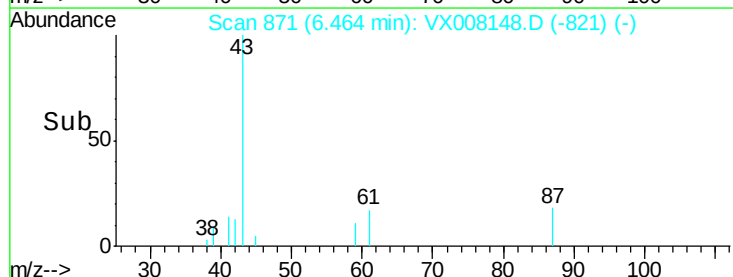
87 16.5 10.5 15.7#

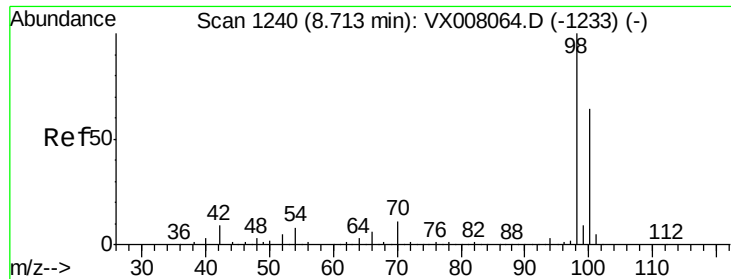


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

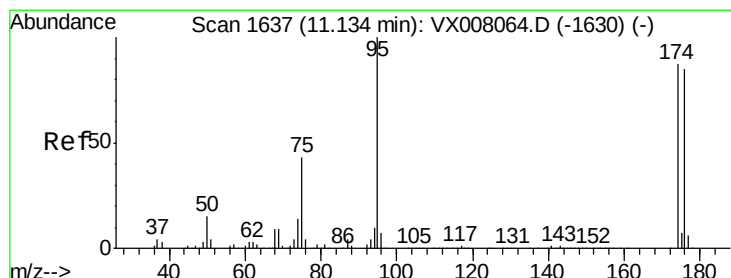
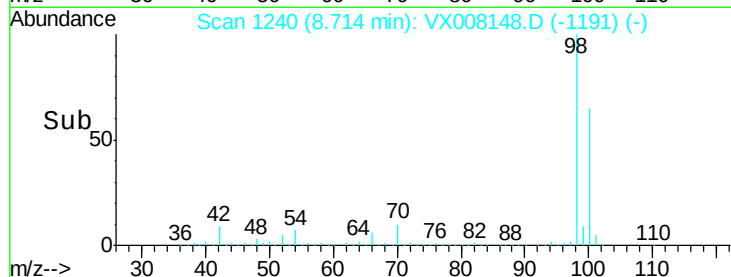
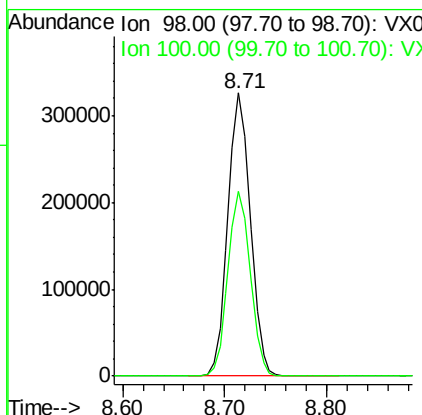
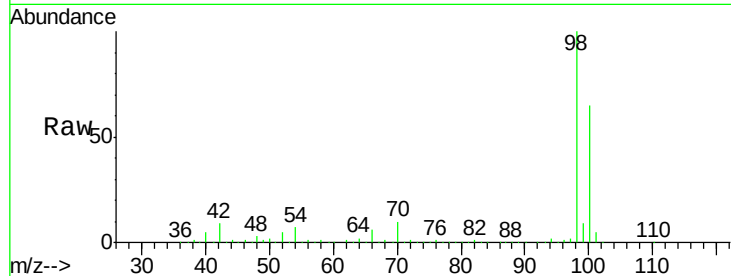




#50
Toluene-d8
Concen: 48.289 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008148.D
Acq: 16 Mar 2019 18:27

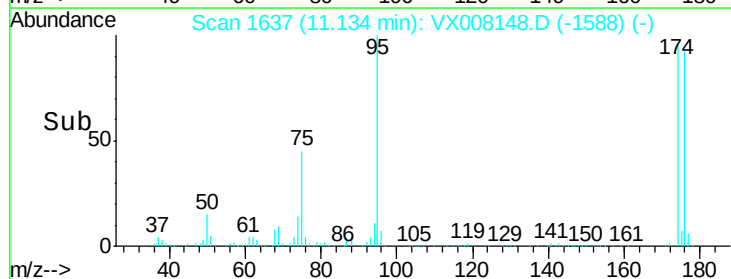
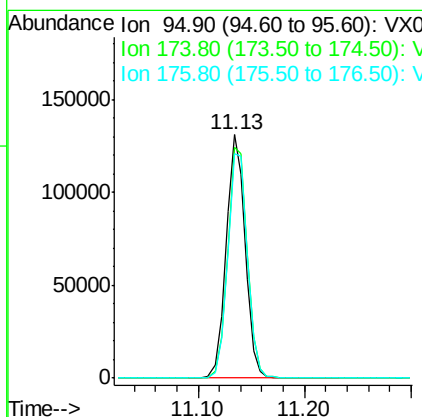
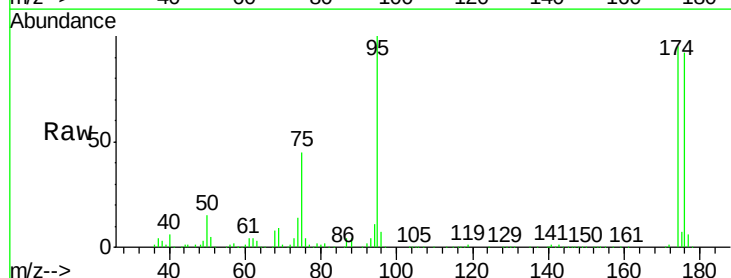
Instrument :
MSVOA_X
ClientSampleId :
RBR-200052

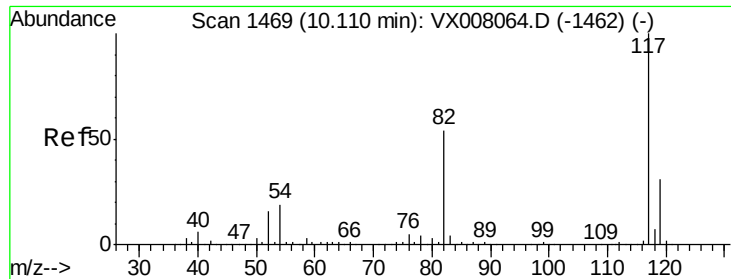
Tot Ion: 98 Resp: 498685
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.238 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008148.D
Acq: 16 Mar 2019 18:27

Tgt Ion: 95 Resp: 163660
Ion Ratio Lower Upper
95 100
174 98.0 0.0 182.8
176 96.2 0.0 178.0

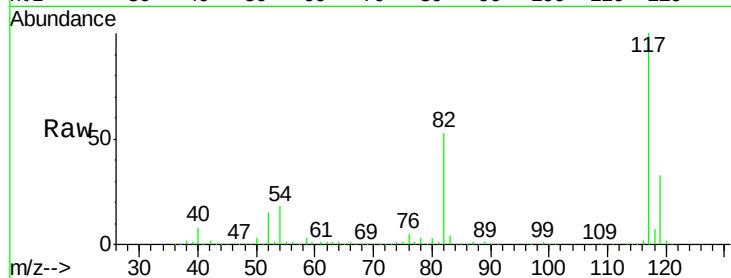




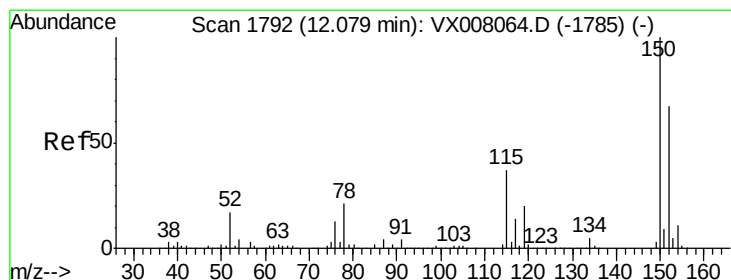
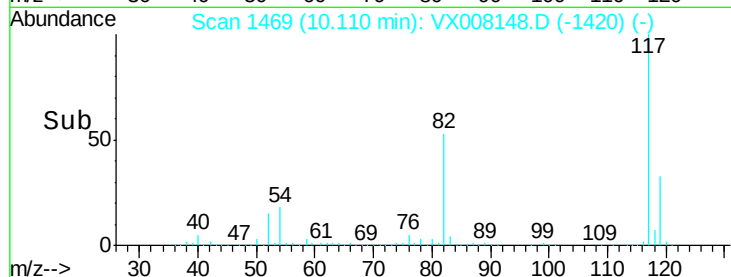
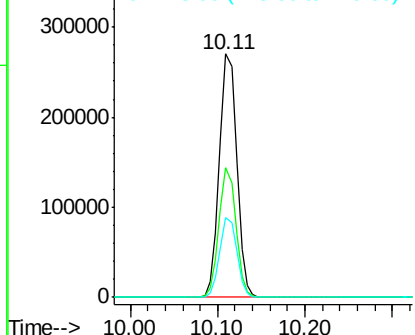
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008148.D
Acq: 16 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampled :
RBR-200052

Tot Ion:117 Resp: 372793
Ion Ratio Lower Upper
117 100
82 53.1 44.3 66.5
119 32.6 25.3 37.9

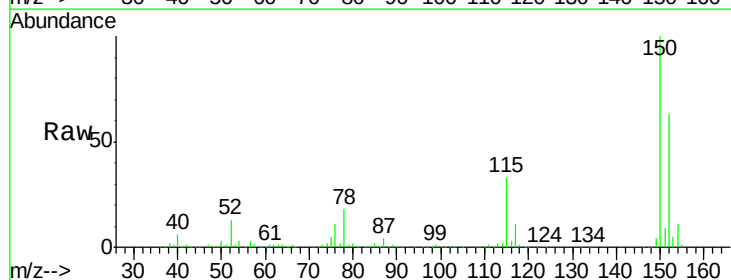


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

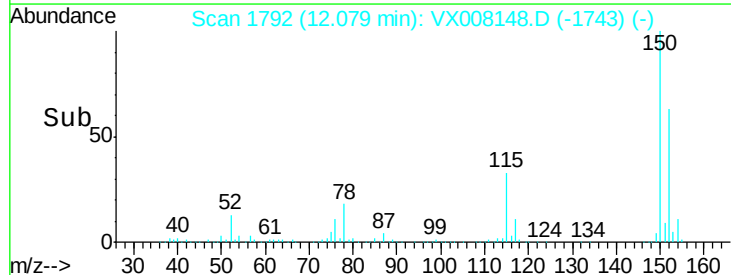
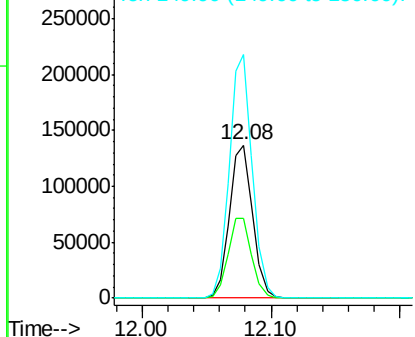


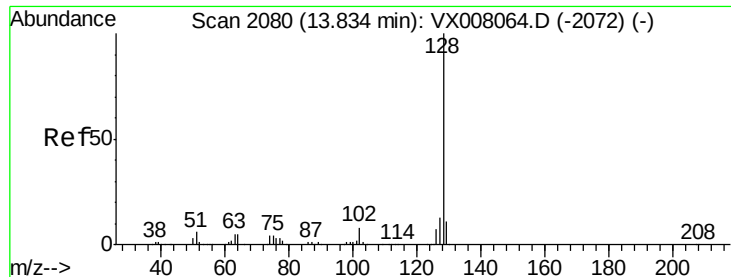
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008148.D
Acq: 16 Mar 2019 18:27

Tgt Ion:152 Resp: 172892
Ion Ratio Lower Upper
152 100
115 53.2 38.6 115.7
150 156.9 0.0 348.4



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

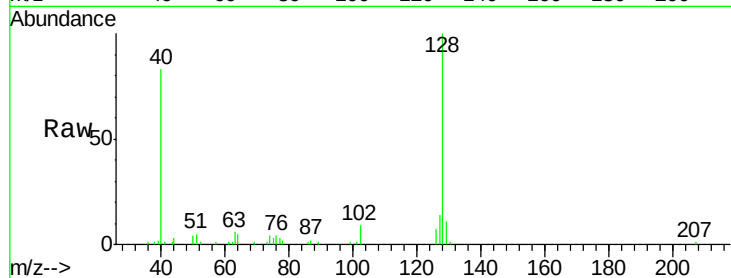




#95
Naphthalene
Concen: 1.058 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008148.D
Acq: 16 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
RBR-200052

Tot Ion:128 Resp: 11246
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.2 8.7 13.1



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

