

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009607.D
 Acq On : 16 May 2019 15:10
 Operator : JC/SP
 Sample : K2866-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-3

Quant Time: May 17 07:02:03 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

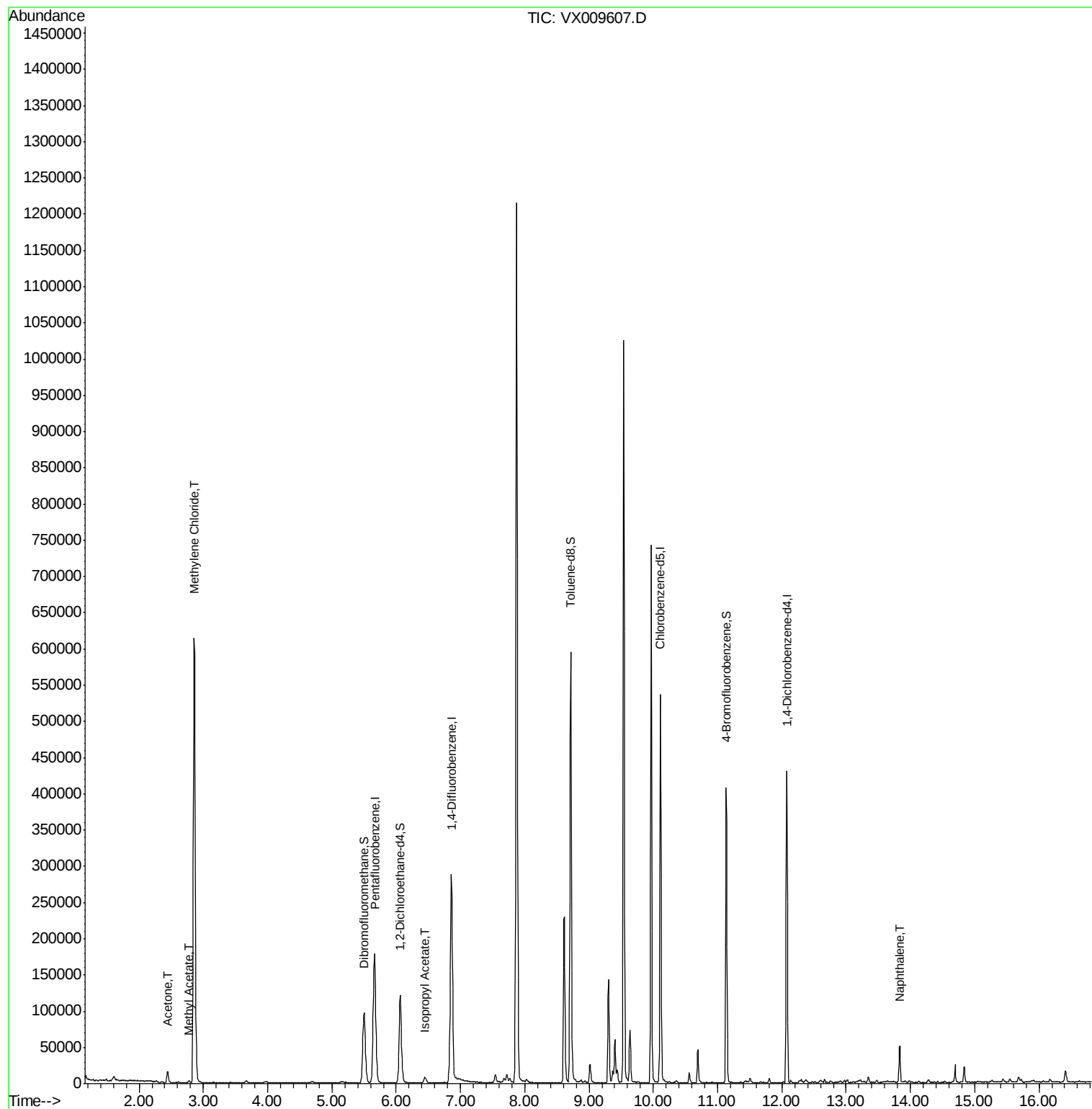
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113599	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	5.50	113	83470	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	8.71	98	345750	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	107243	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.34%	
Target Compounds						
16) Acetone	2.45	43	18313	14.644	ug/l	97
18) Methyl Acetate	2.78	43	4680	1.574	ug/l	99
20) Methylene Chloride	2.85	84	281867	139.210	ug/l	97
43) Isopropyl Acetate	6.45	43	11819	2.094	ug/l	97
95) Naphthalene	13.83	128	31285	4.751	ug/l	98

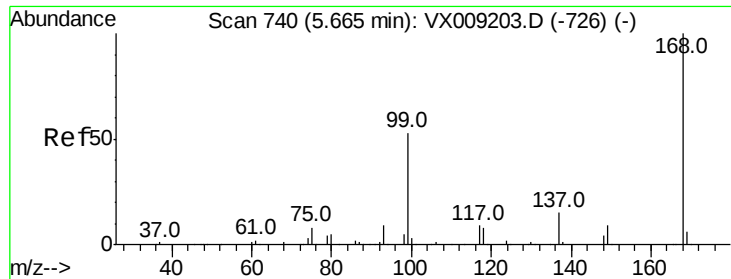
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
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Acq On : 16 May 2019 15:10
Operator : JC/SP
Sample : K2866-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-3

Quant Time: May 17 07:02:03 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

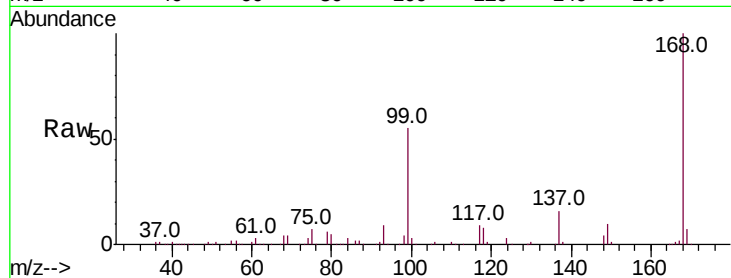
RO-COMP-3

Tot Ion:168 Resp: 170599

Ion Ratio Lower Upper

168 100

99 54.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

40000

20000

0

5.67

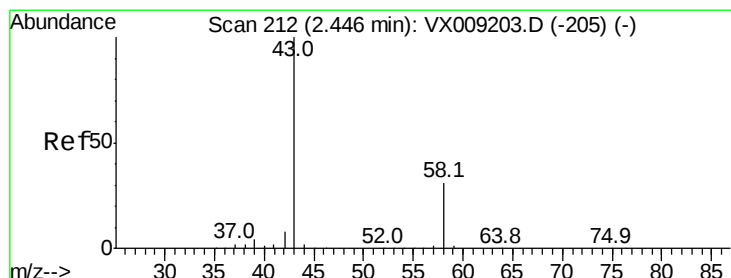
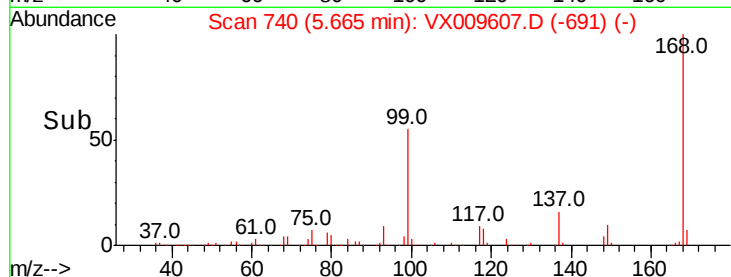
5.50

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 14.644 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009607.D

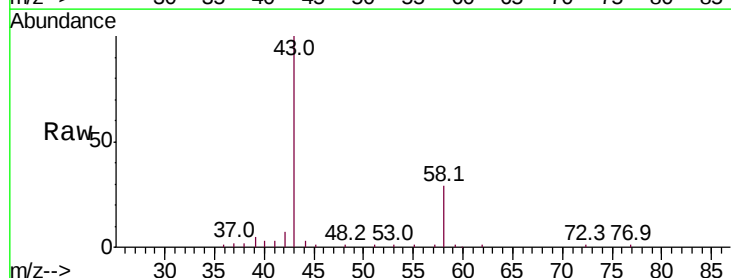
Acq: 16 May 2019 15:10

Tgt Ion: 43 Resp: 18313

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

4000

2000

0

2.45

2.35

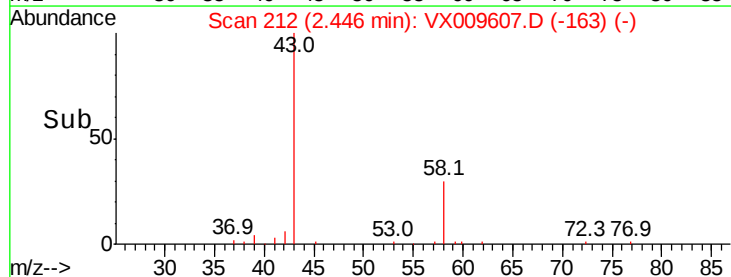
2.40

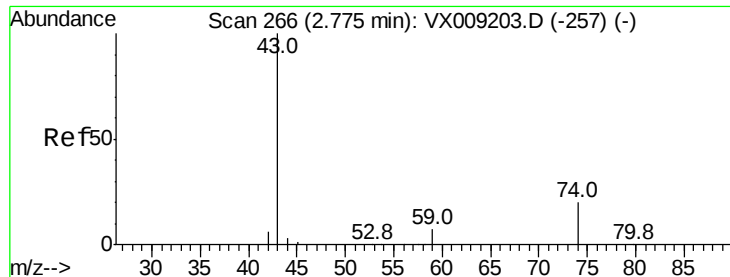
2.45

2.50

2.55

Time-->





#18

Methyl Acetate

Concen: 1.574 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

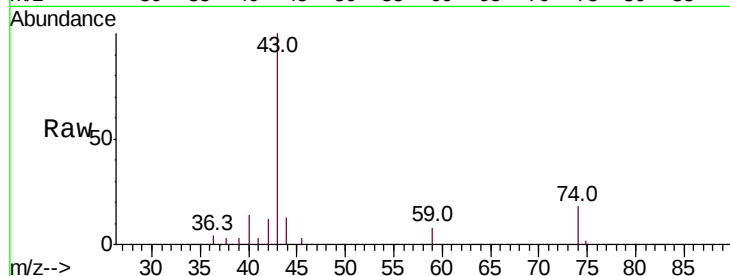
RO-COMP-3

Tot Ion: 43 Resp: 4680

Ion Ratio Lower Upper

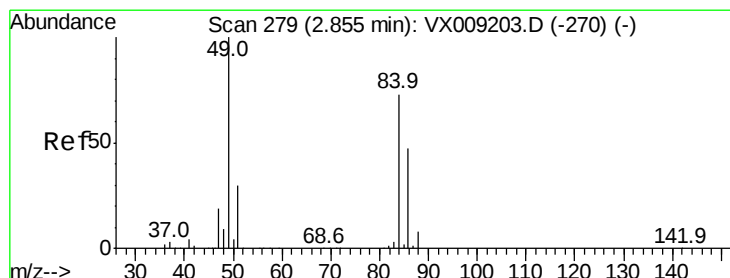
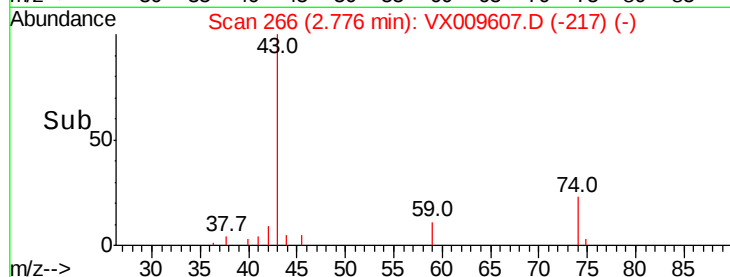
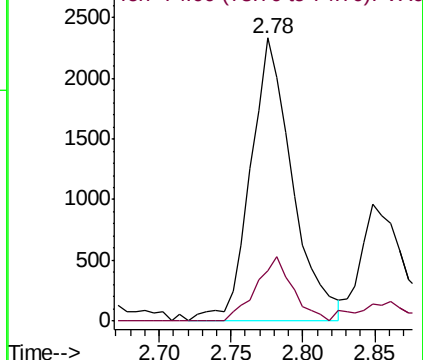
43 100

74 19.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 139.210 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

Tgt Ion: 84 Resp: 281867

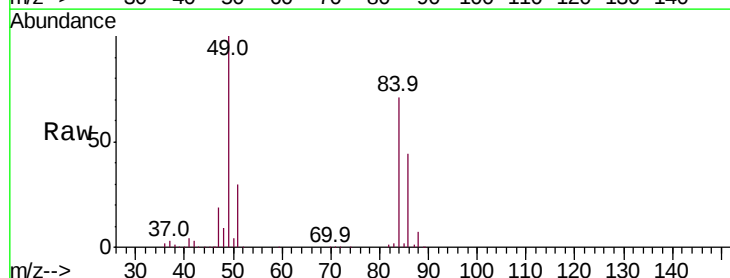
Ion Ratio Lower Upper

84 100

49 141.7 109.9 164.9

51 42.6 32.7 49.1

86 62.8 52.0 78.0

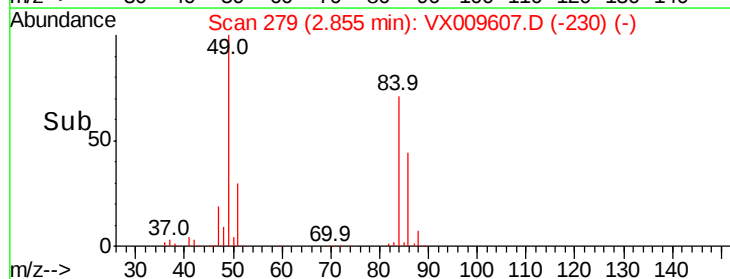
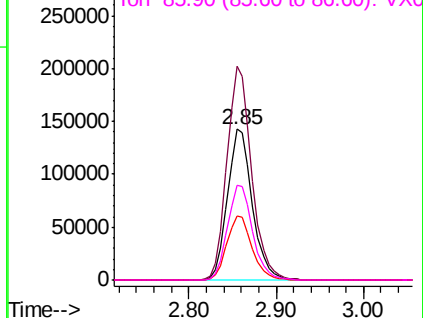


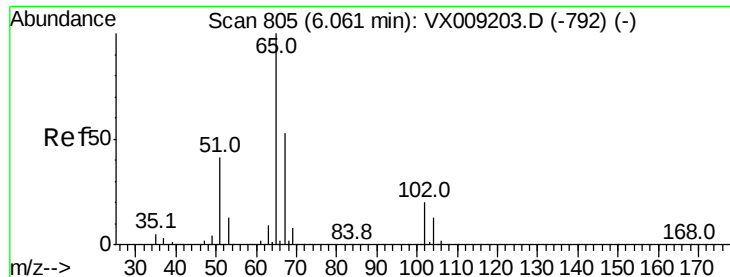
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

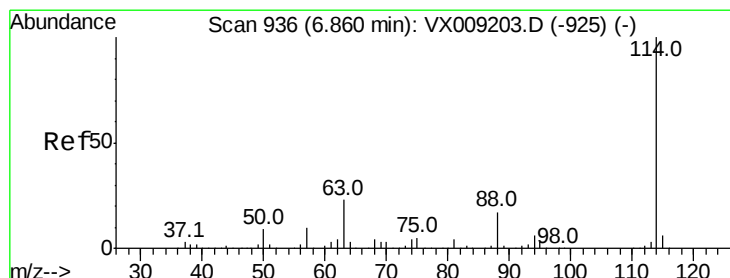
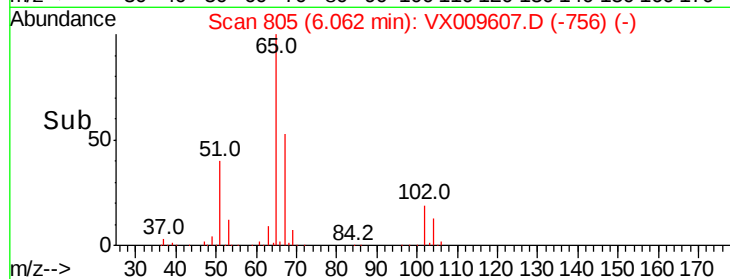
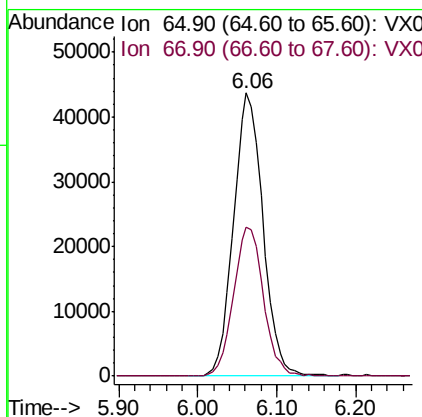
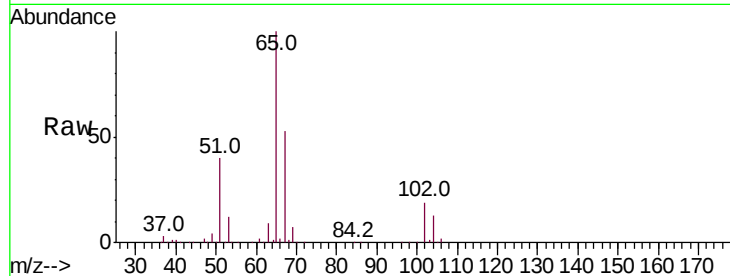




#33
 1,2-Dichloroethane-d4
 Concen: 48.778 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009607.D
 Acq: 16 May 2019 15:10

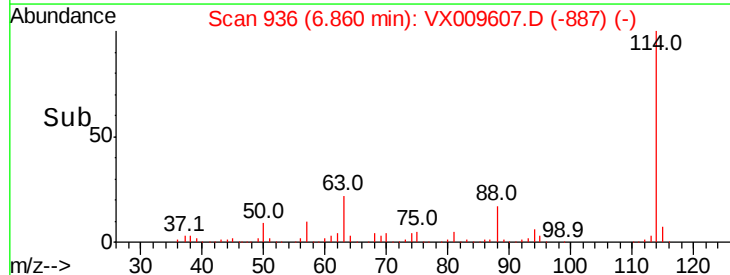
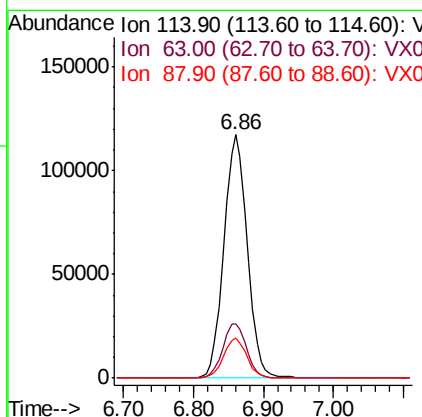
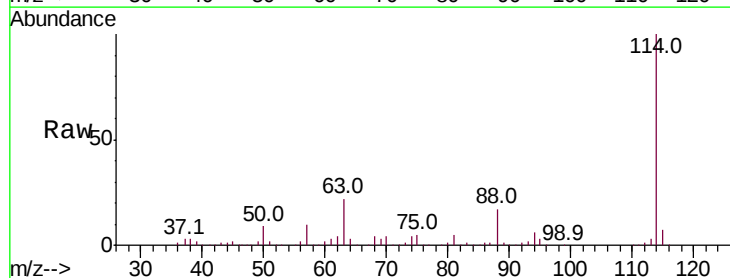
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-3

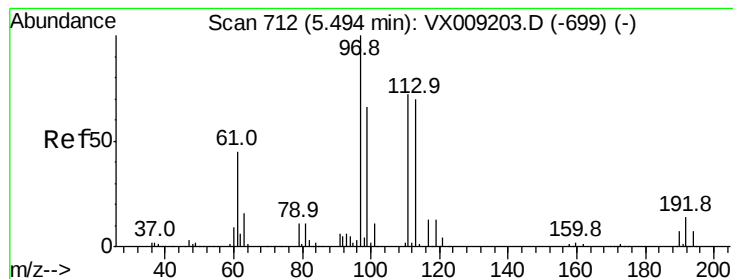
Tot Ion: 65 Resp: 113599
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009607.D
 Acq: 16 May 2019 15:10

Tgt Ion: 114 Resp: 272508
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.725 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-3

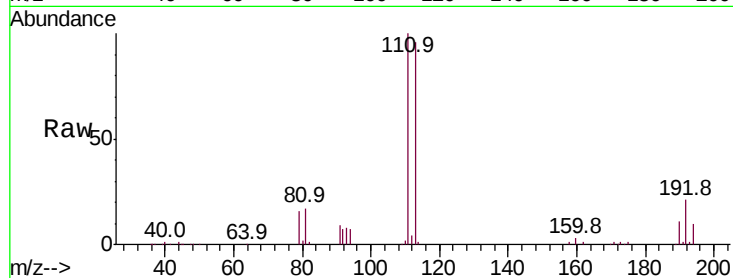
Tot Ion:113 Resp: 83470

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

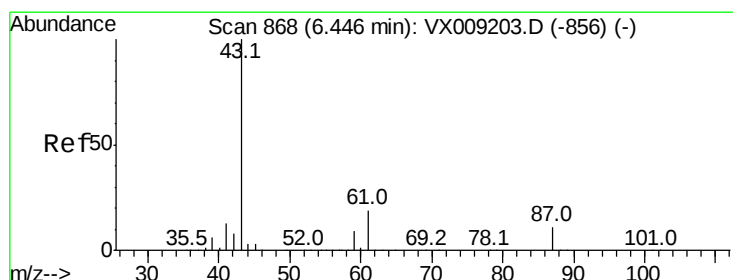
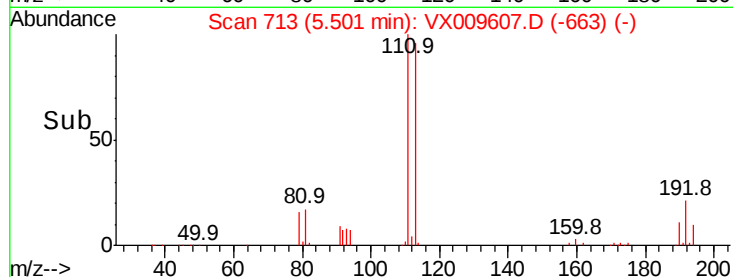
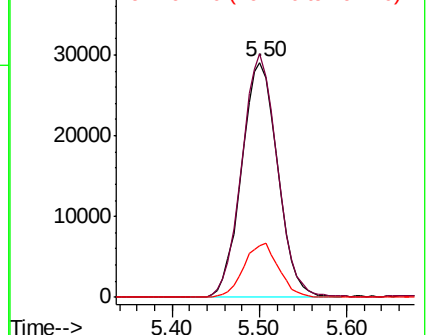
192 22.4 17.0 25.6



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



#43

Isopropyl Acetate

Concen: 2.094 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

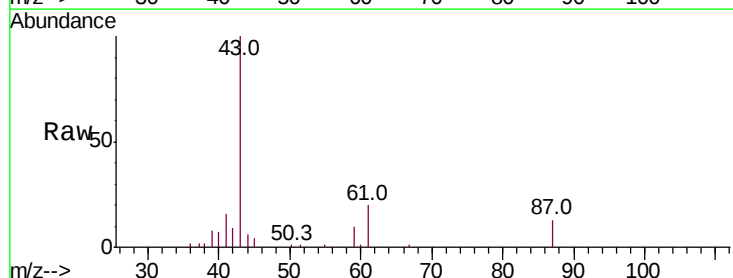
Tgt Ion: 43 Resp: 11819

Ion Ratio Lower Upper

43 100

61 20.7 15.1 22.7

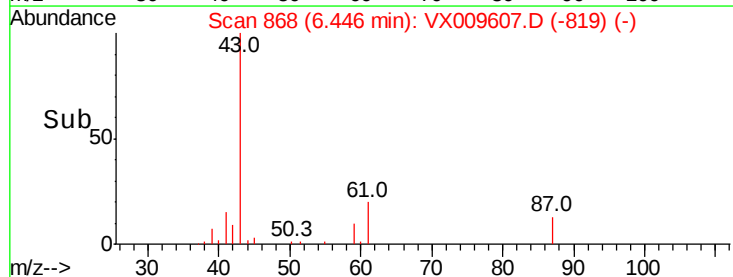
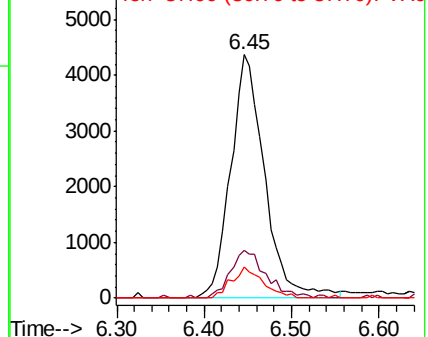
87 11.8 9.0 13.6

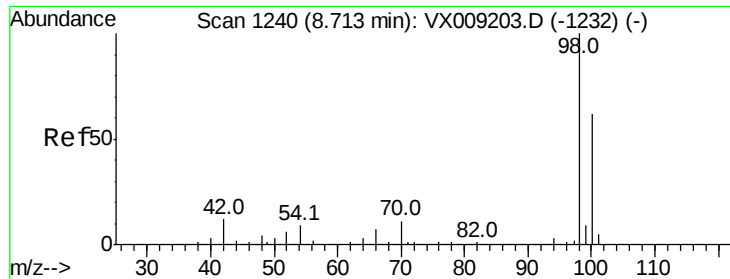


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.991 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

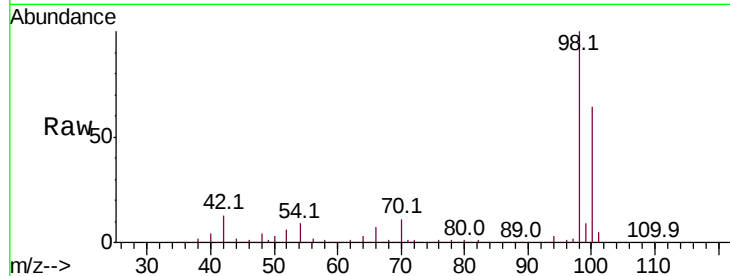
RO-COMP-3

Tot Ion: 98 Resp: 345750

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

150000

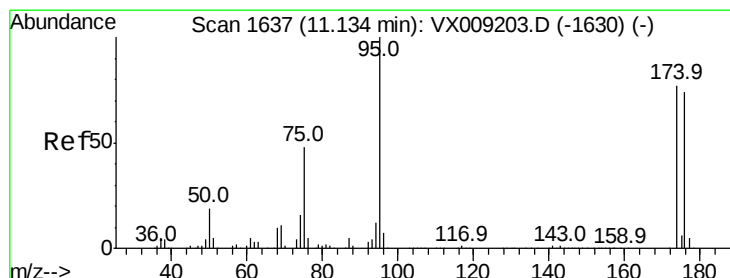
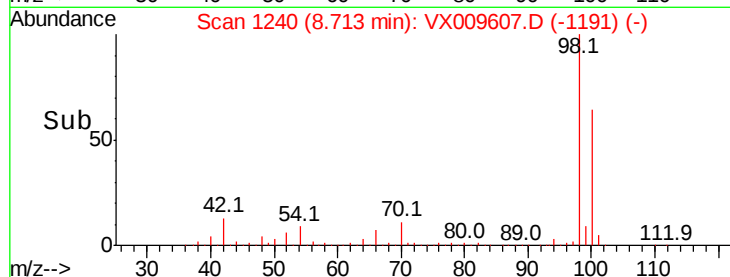
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 42.674 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009607.D

Acq: 16 May 2019 15:10

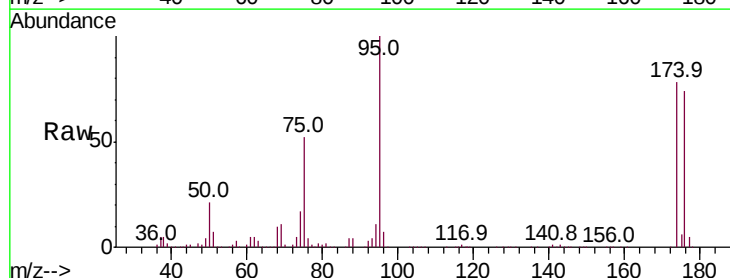
Tgt Ion: 95 Resp: 107243

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

176 78.8 0.0 159.2



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

11.13

100000

80000

60000

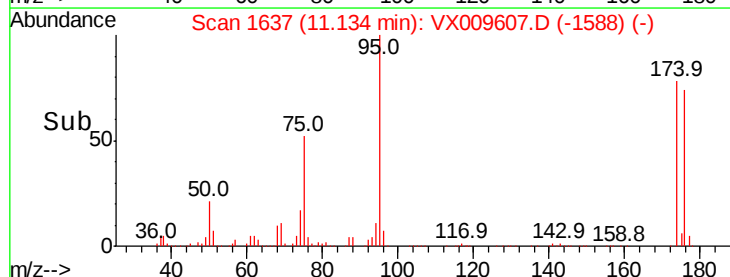
40000

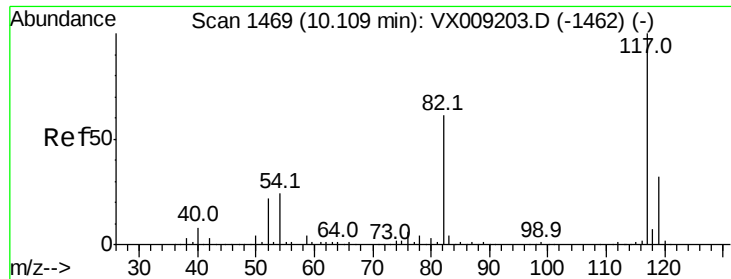
20000

0

Time-->

11.05 11.10 11.15 11.20

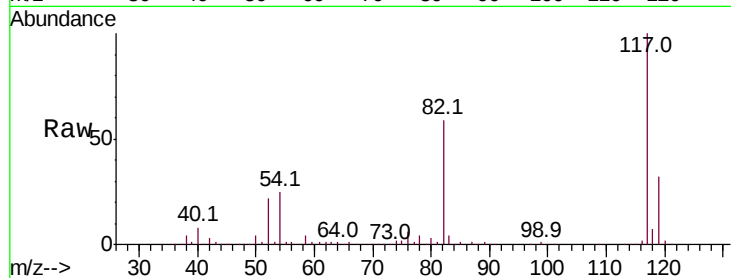




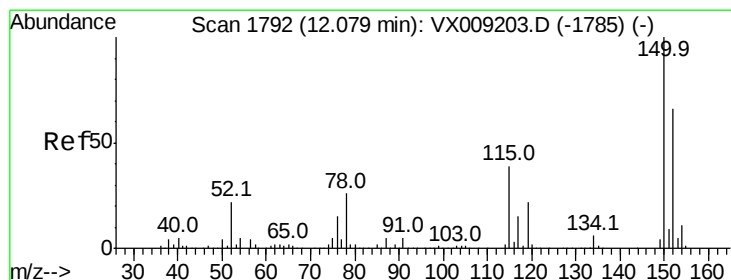
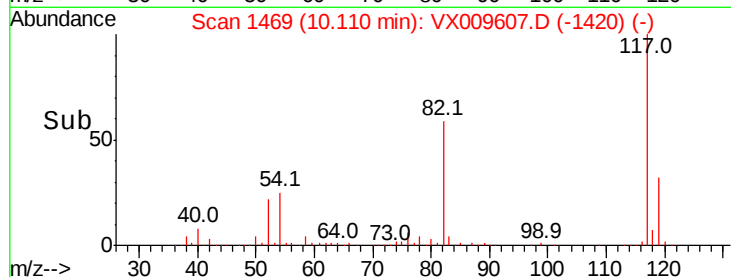
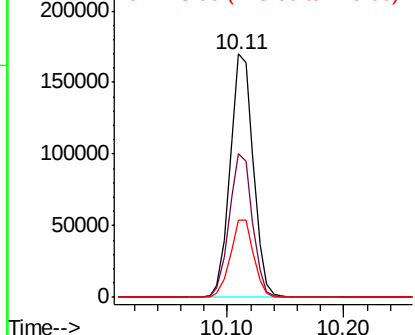
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009607.D
Acq: 16 May 2019 15:10

Instrument :
MSVOA_X
ClientSampled :
RO-COMP-3

Tot Ion:117 Resp: 235761
Ion Ratio Lower Upper
117 100
82 59.1 48.8 73.2
119 31.8 25.8 38.6

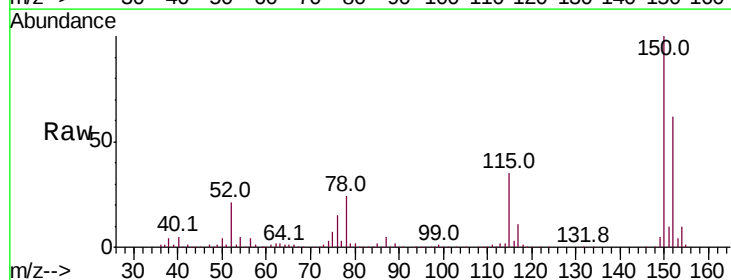


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

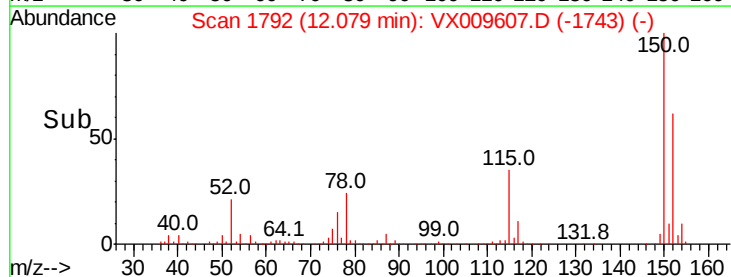
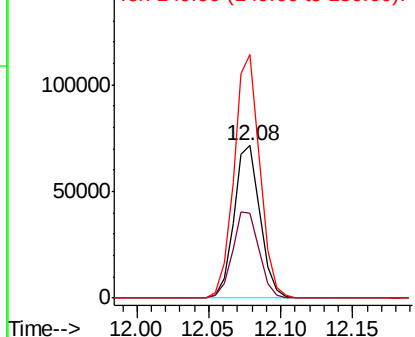


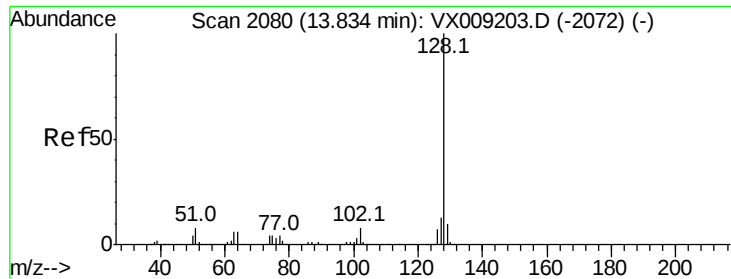
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009607.D
Acq: 16 May 2019 15:10

Tgt Ion:152 Resp: 90316
Ion Ratio Lower Upper
152 100
115 58.2 41.2 123.6
150 157.9 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





#95
Naphthalene
Concen: 4.751 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009607.D
Acq: 16 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	10.4	8.6	13.0

