

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009613.D
 Acq On : 16 May 2019 17:31
 Operator : JC/SP
 Sample : K2866-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-2

Quant Time: May 17 07:11:45 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

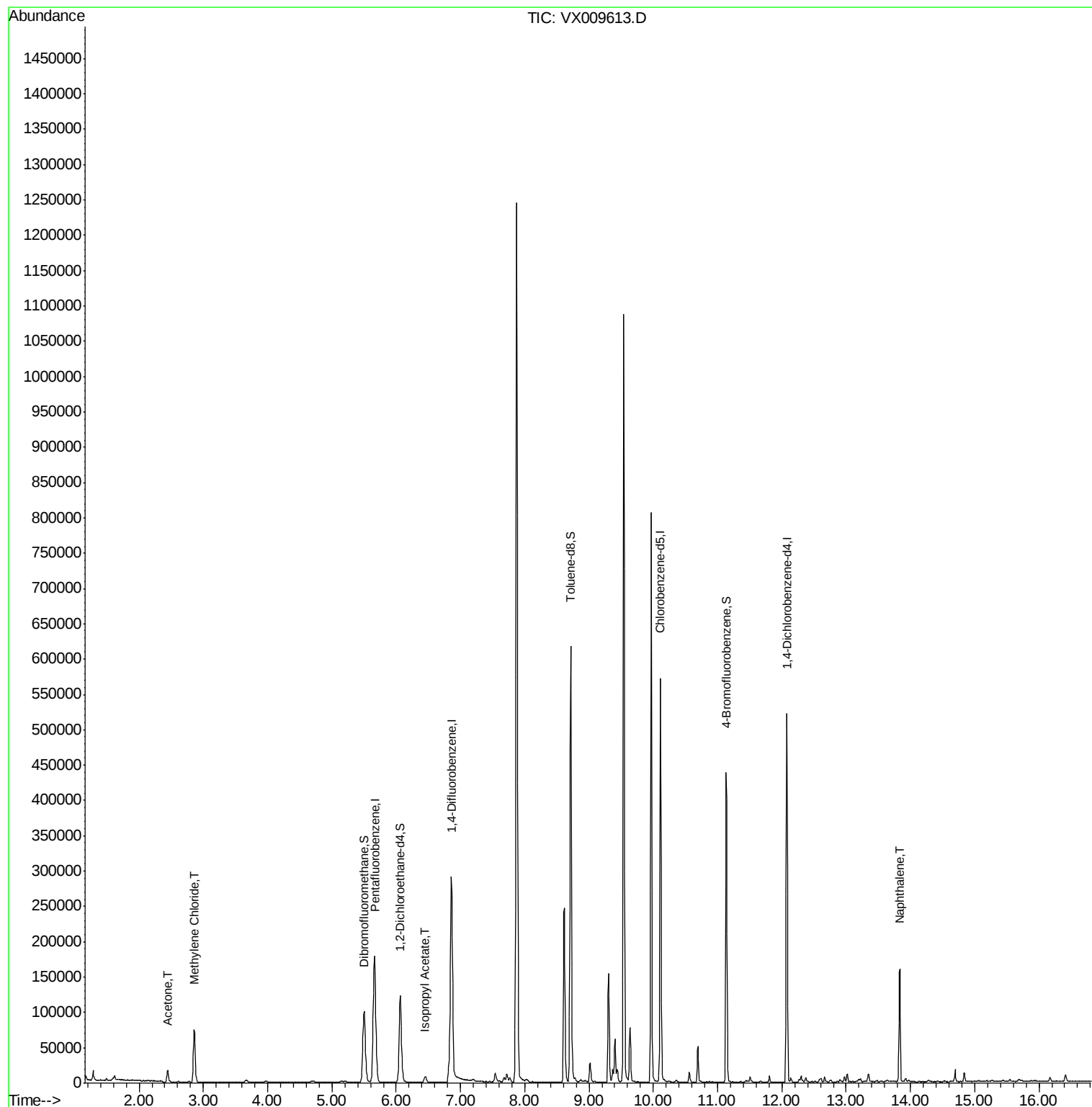
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	115822	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	86869	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	8.71	98	353574	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	116434	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
16) Acetone	2.45	43	18539	14.407	ug/l	97
20) Methylene Chloride	2.85	84	33792	16.219	ug/l	96
43) Isopropyl Acetate	6.45	43	12535	2.161	ug/l	99
95) Naphthalene	13.83	128	99062	12.804	ug/l	100

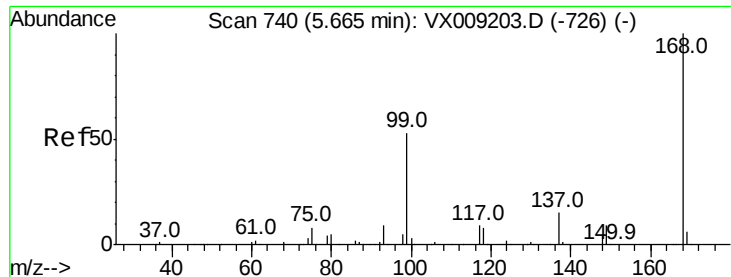
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 07:11:45 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: VX009613.D

Acq: 16 May 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

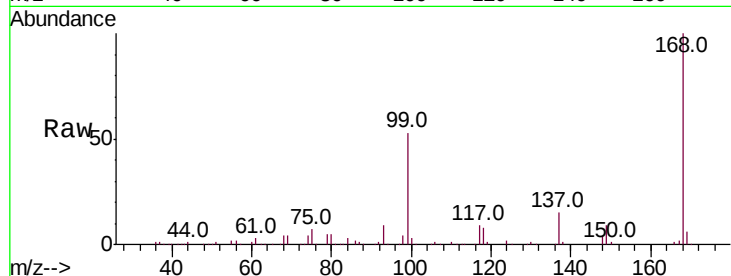
RO-COMP-2

Tot Ion:168 Resp: 175550

Ion Ratio Lower Upper

168 100

99 53.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

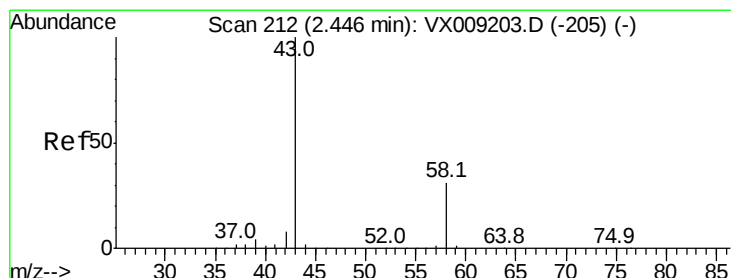
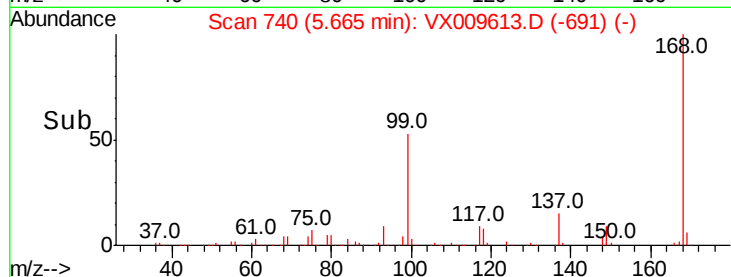
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.407 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009613.D

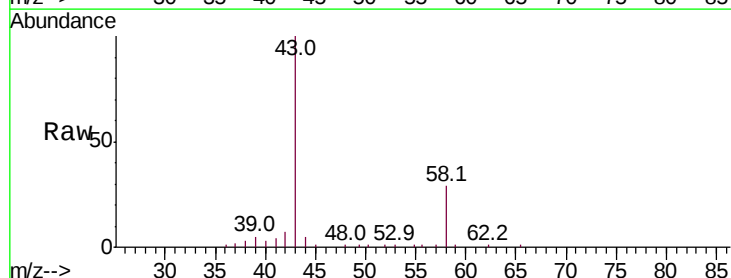
Acq: 16 May 2019 17:31

Tgt Ion: 43 Resp: 18539

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

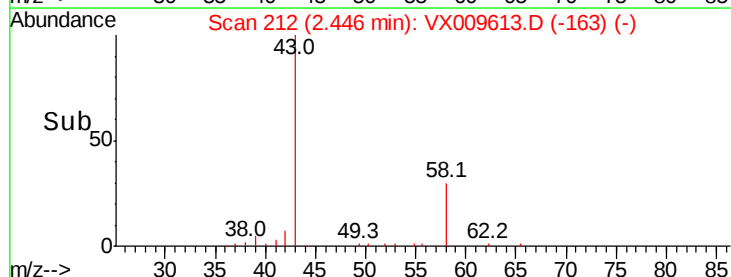
6000

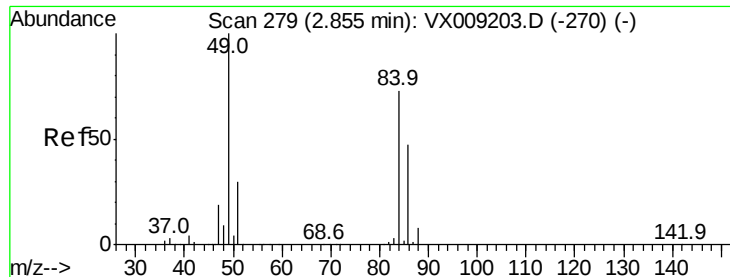
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

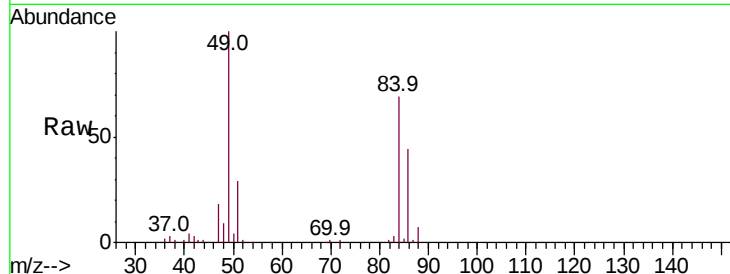




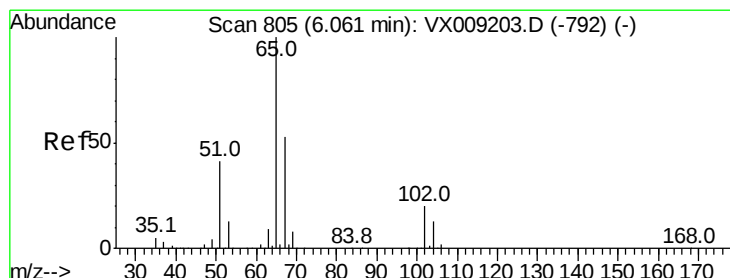
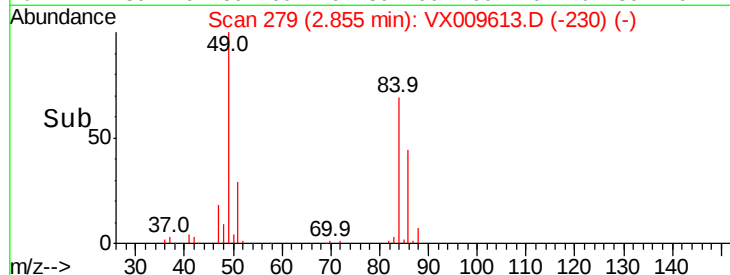
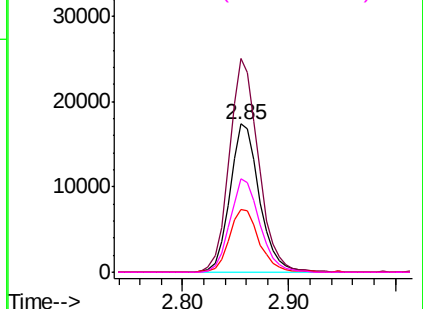
#20
Methylene Chloride
Concen: 16.219 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009613.D
Acq: 16 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-2

Tot Ion: 84 Resp: 33792
Ion Ratio Lower Upper
84 100
49 144.4 109.9 164.9
51 42.5 32.7 49.1
86 63.3 52.0 78.0

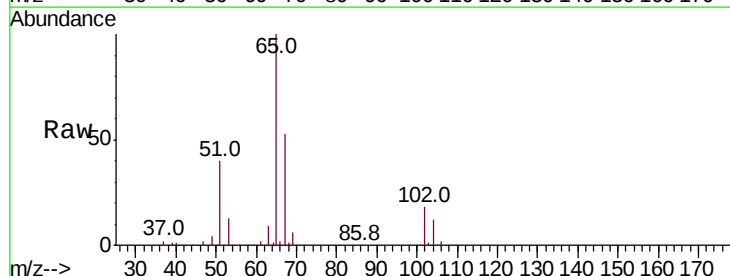


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

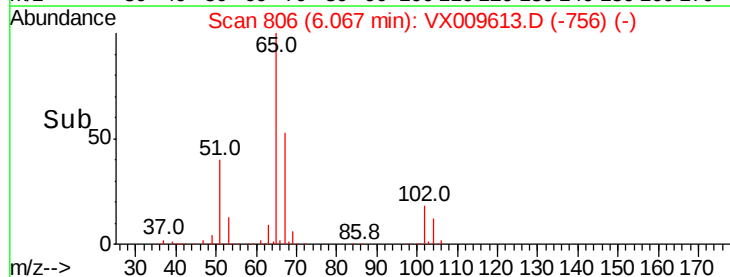
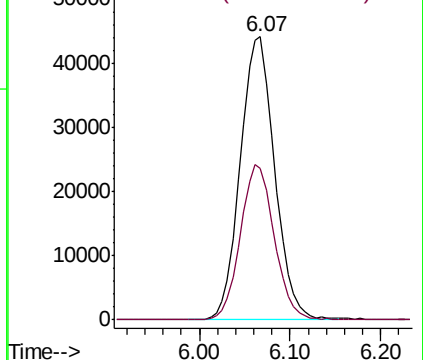


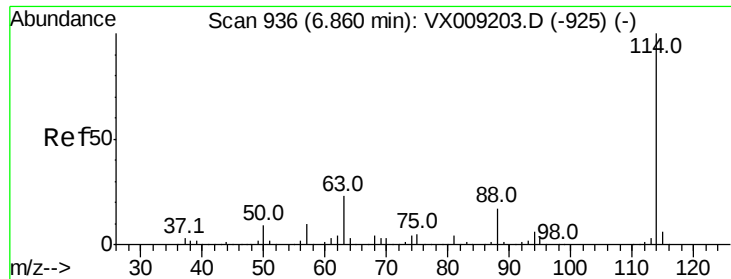
#33
1,2-Dichloroethane-d4
Concen: 48.330 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009613.D
Acq: 16 May 2019 17:31

Tgt Ion: 65 Resp: 115822
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

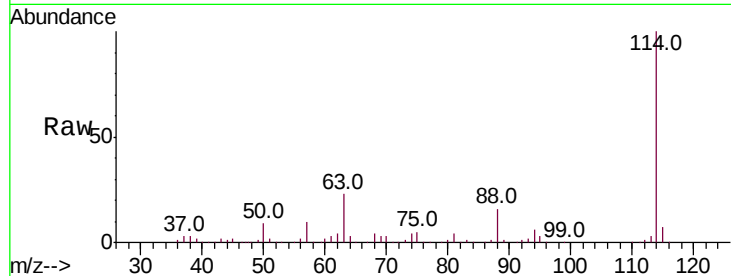




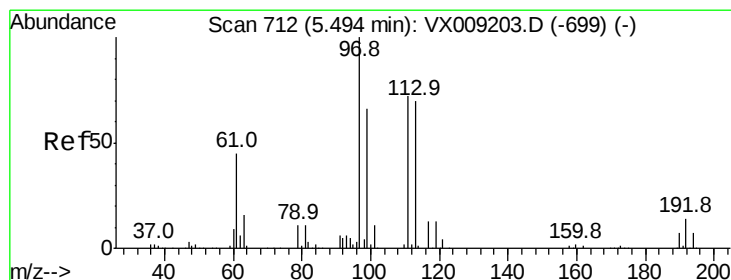
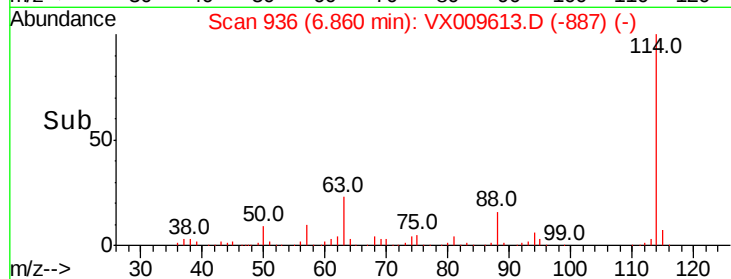
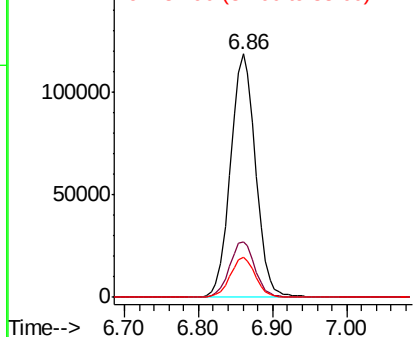
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009613.D
 Acq: 16 May 2019 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.3	0.0	33.2

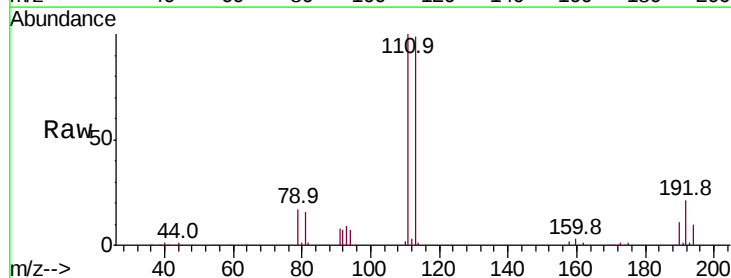


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

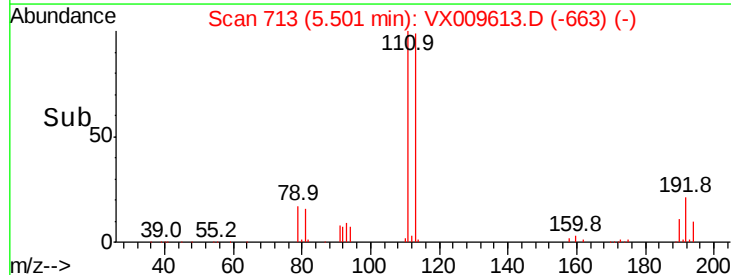
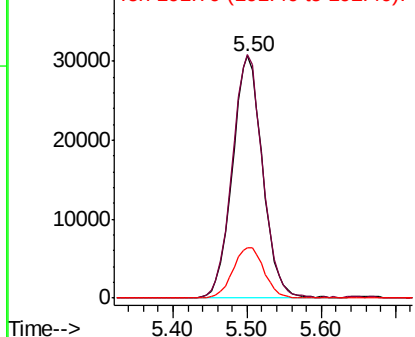


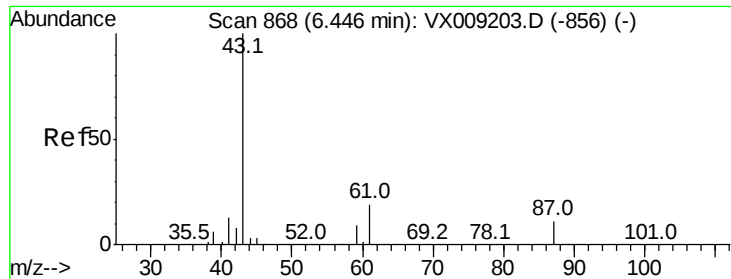
#35
 Dibromofluoromethane
 Concen: 49.349 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009613.D
 Acq: 16 May 2019 17:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.8	124.2
192	21.5	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: 2.161 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009613.D

Acq: 16 May 2019 17:31

Instrument :

MSVOA_X

ClientSampled :

RO-COMP-2

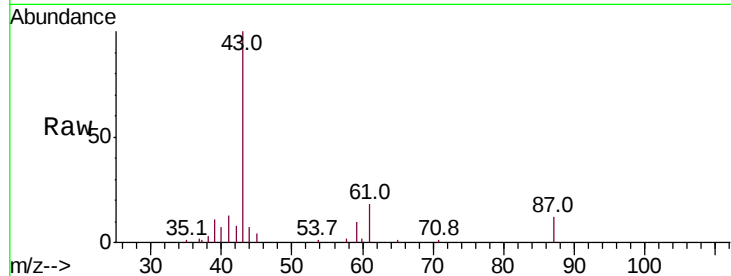
Tot Ion: 43 Resp: 12535

Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

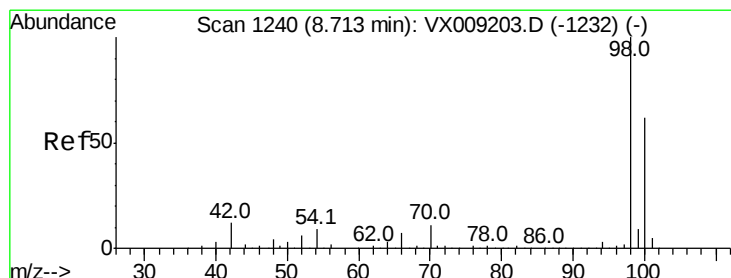
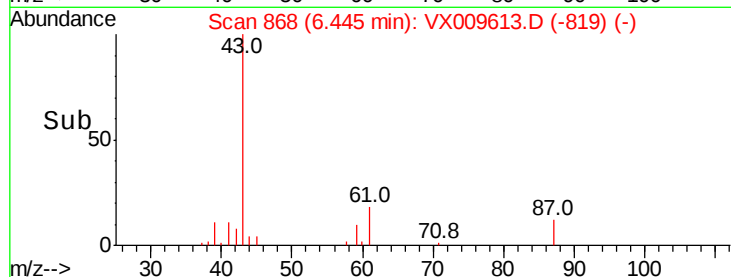
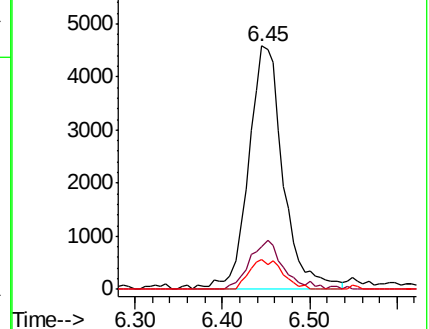
87 11.8 9.0 13.6



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: 49.752 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009613.D

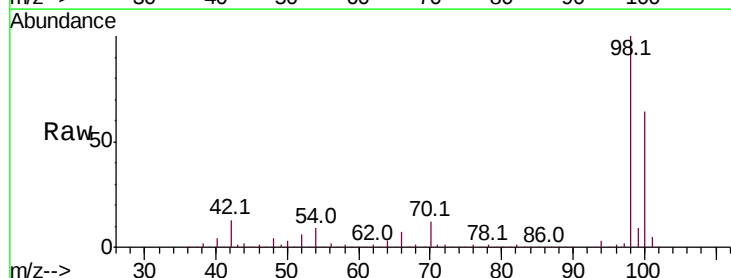
Acq: 16 May 2019 17:31

Tgt Ion: 98 Resp: 353574

Ion Ratio Lower Upper

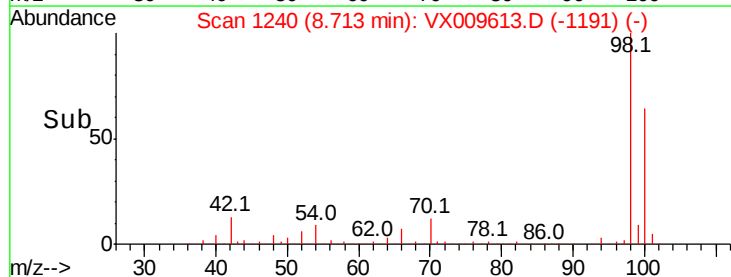
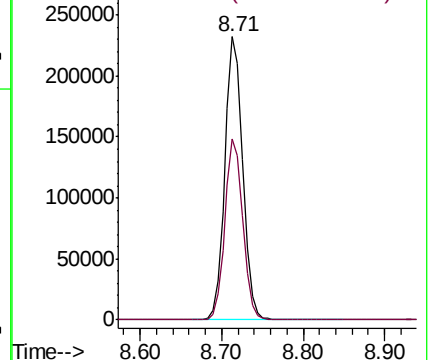
98 100

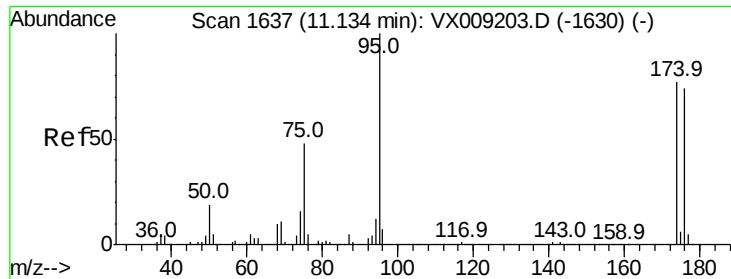
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.089 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009613.D

Acq: 16 May 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-2

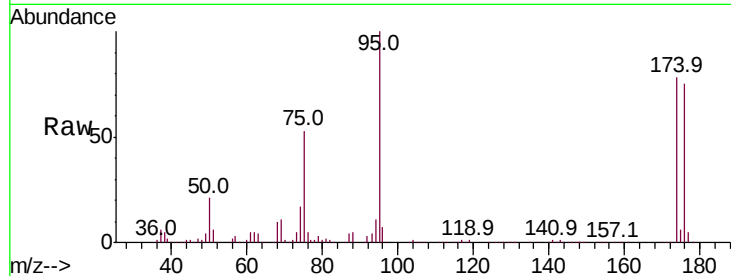
Tot Ion: 95 Resp: 116434

Ion Ratio Lower Upper

95 100

174 81.9 0.0 161.6

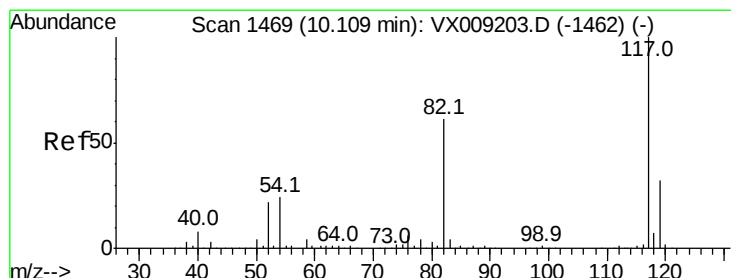
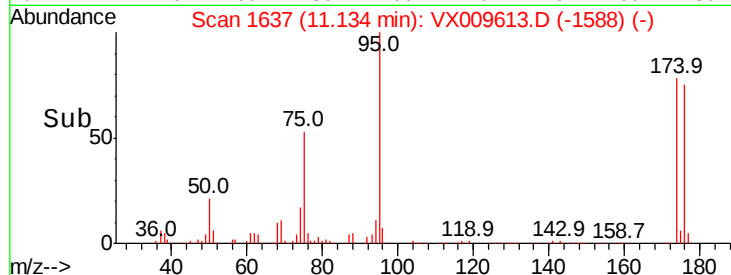
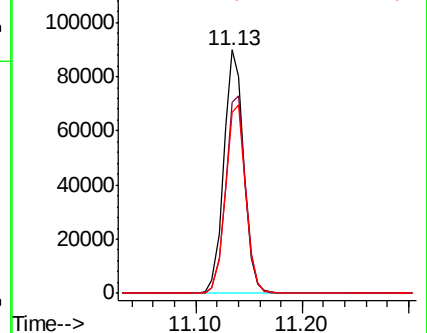
176 78.8 0.0 159.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009613.D

Acq: 16 May 2019 17:31

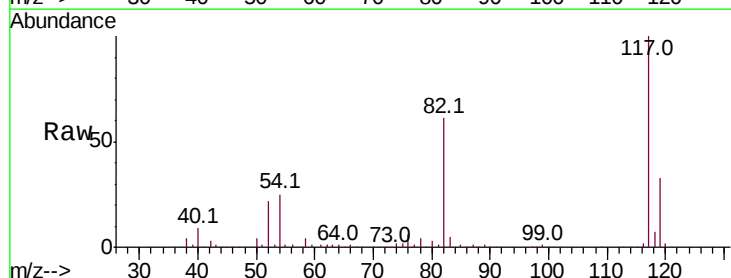
Tgt Ion: 117 Resp: 245700

Ion Ratio Lower Upper

117 100

82 61.4 48.8 73.2

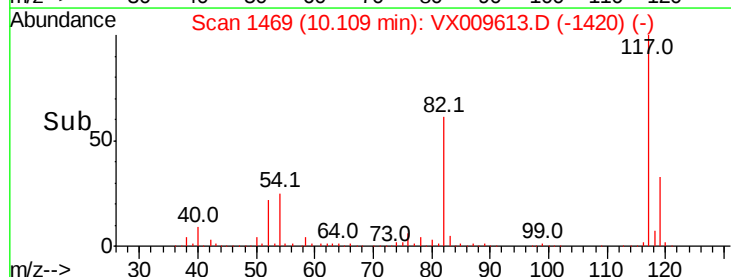
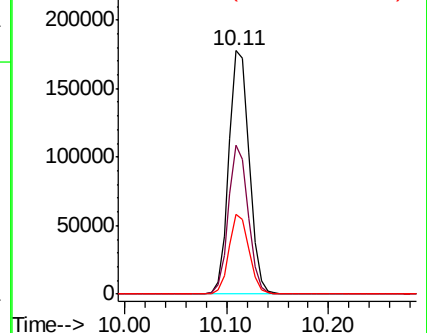
119 32.7 25.8 38.6

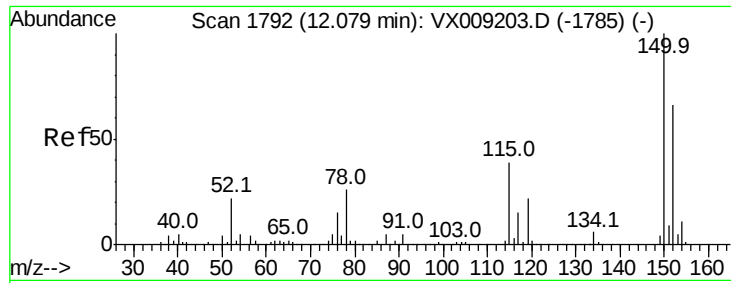


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX009613.D

Acq: 16 May 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-2

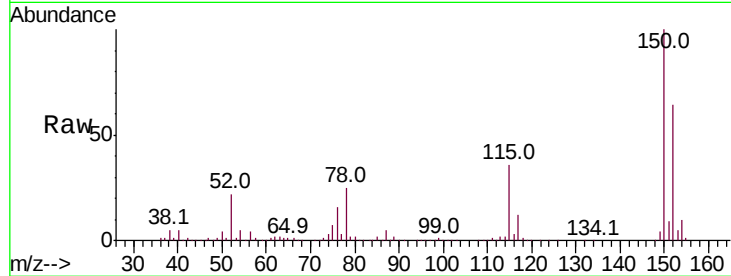
Tot Ion:152 Resp: 106107

Ion Ratio Lower Upper

152 100

115 59.1 41.2 123.6

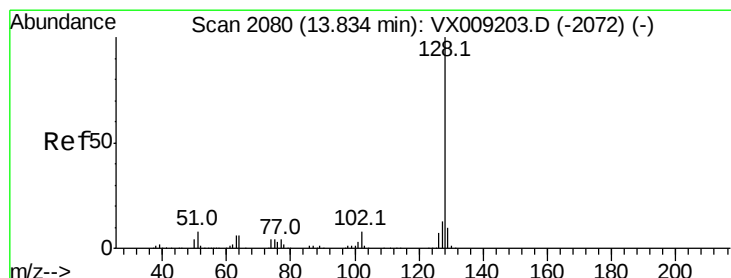
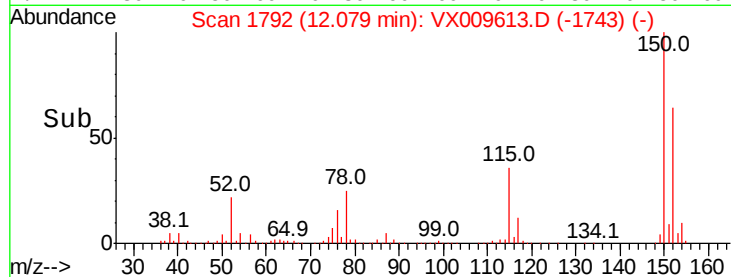
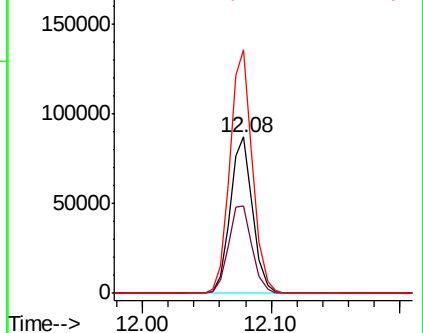
150 156.0 0.0 346.4



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: 12.804 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009613.D

Acq: 16 May 2019 17:31

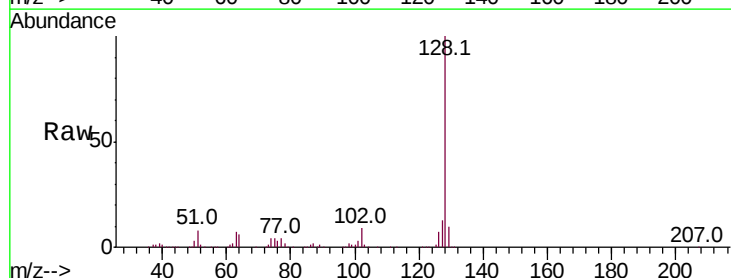
Tgt Ion:128 Resp: 99062

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 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

