

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009615.D
 Acq On : 16 May 2019 18:18
 Operator : JC/SP
 Sample : K2866-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-1

Quant Time: May 17 07:19:18 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

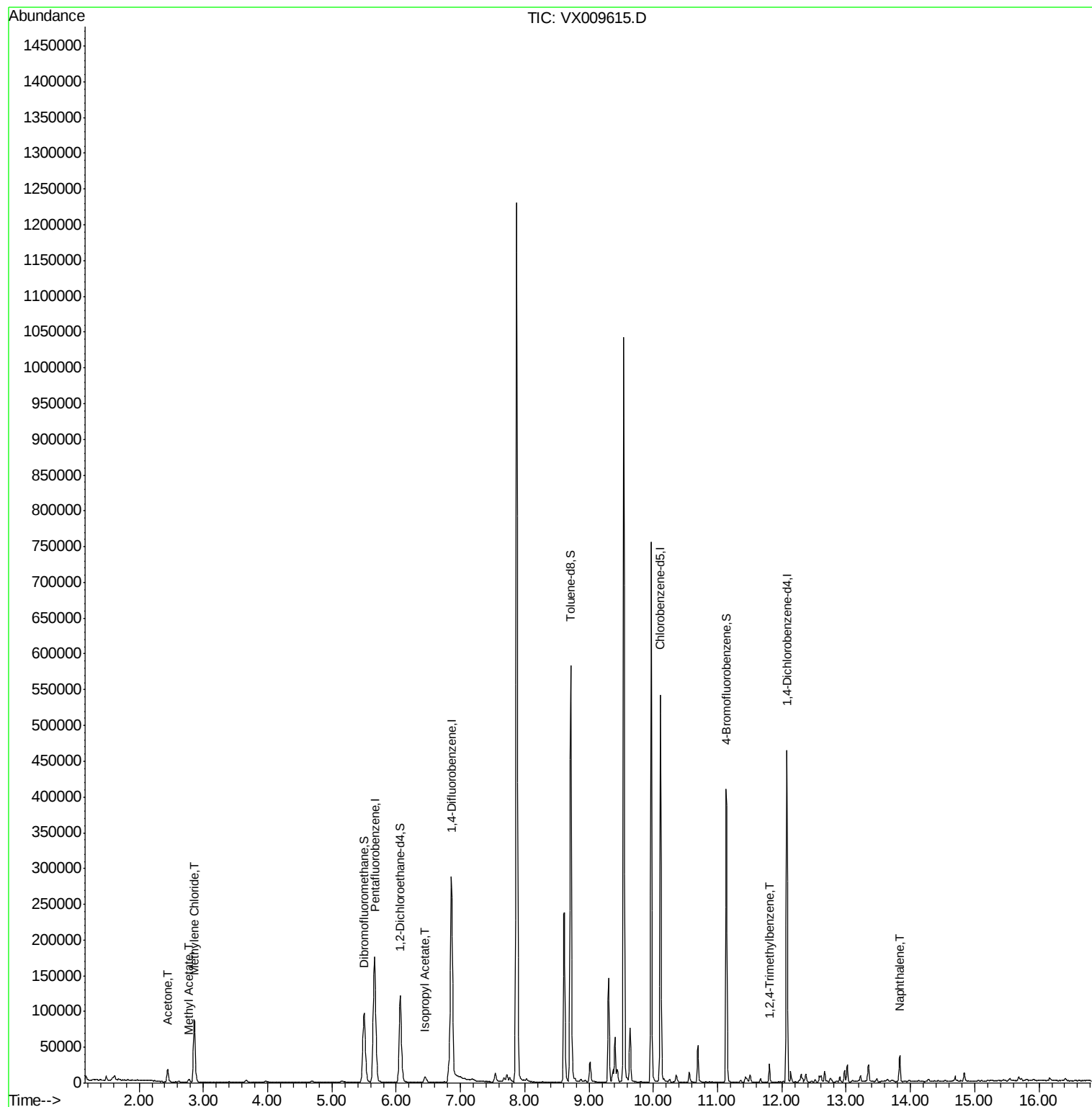
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113540	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.50	113	82873	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.71	98	342106	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	107129	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
Target Compounds						
16) Acetone	2.45	43	20773	16.567	ug/l	98
18) Methyl Acetate	2.78	43	6124	2.054	ug/l	98
20) Methylene Chloride	2.85	84	40540	19.969	ug/l	96
43) Isopropyl Acetate	6.45	43	12032	2.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	10417	1.828	ug/l	96
95) Naphthalene	13.83	128	21918	3.242	ug/l	98

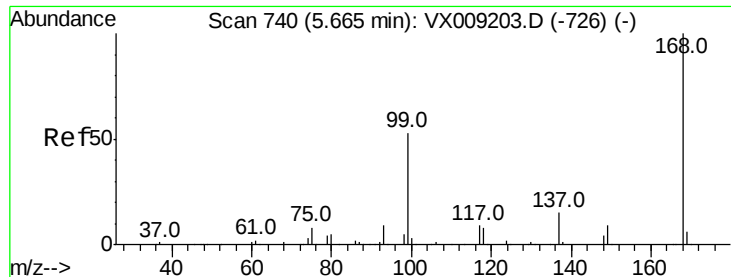
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 07:19:18 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: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

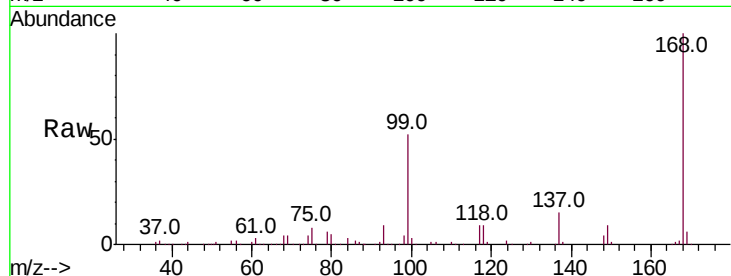
RO-COMP-1

Tot Ion:168 Resp: 171053

Ion Ratio Lower Upper

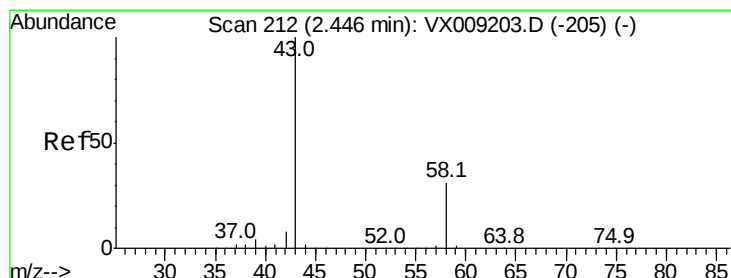
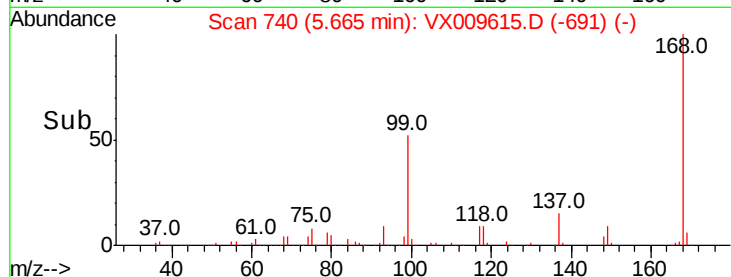
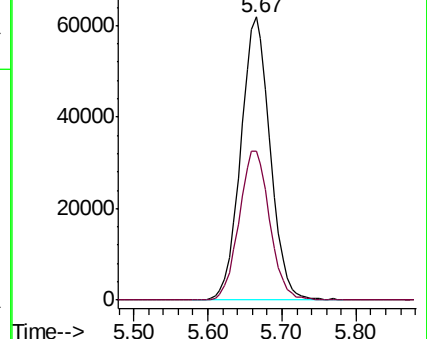
168 100

99 52.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 16.567 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009615.D

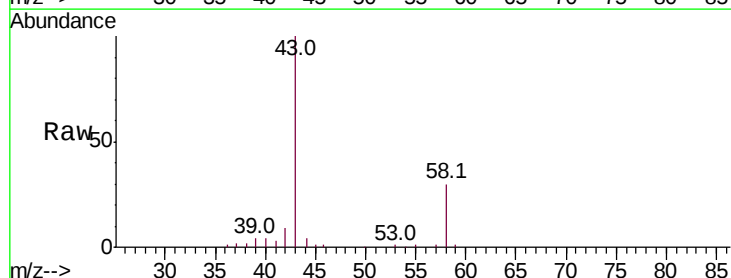
Acq: 16 May 2019 18:18

Tgt Ion: 43 Resp: 20773

Ion Ratio Lower Upper

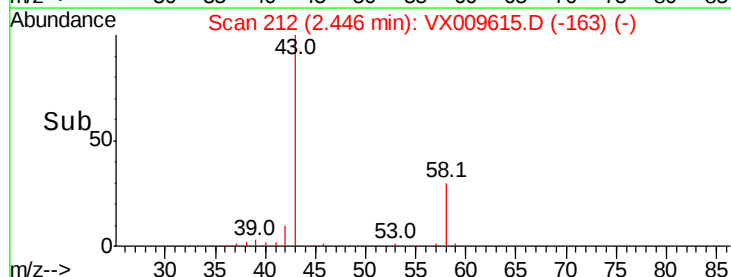
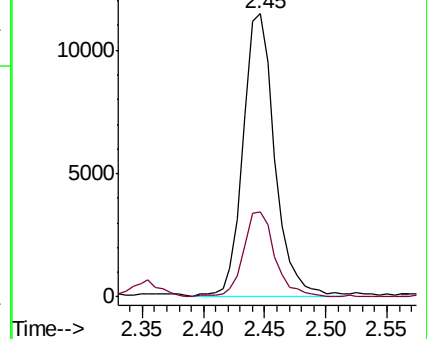
43 100

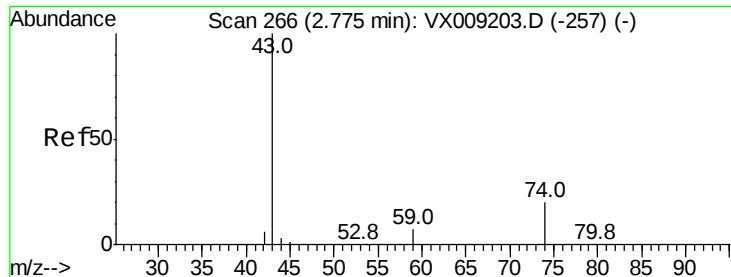
58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

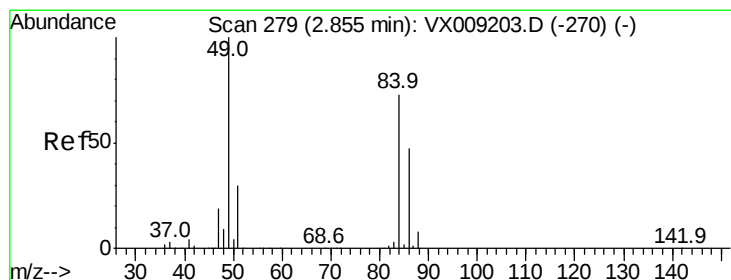
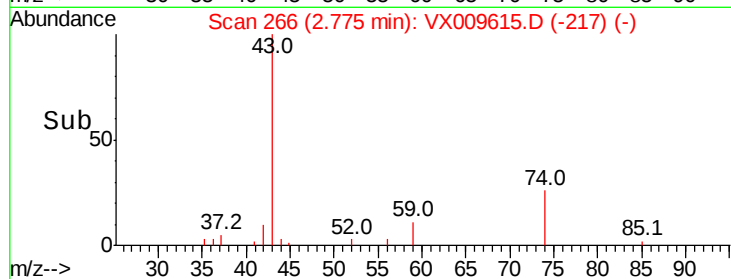
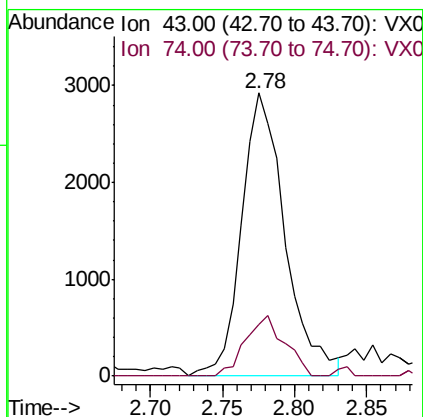
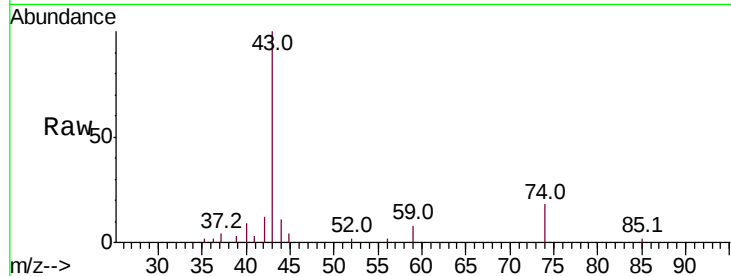




#18
Methyl Acetate
Concen: 2.054 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

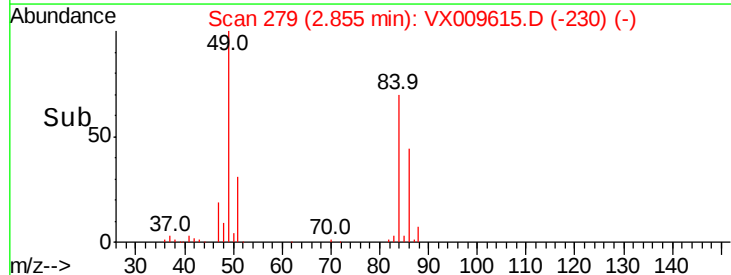
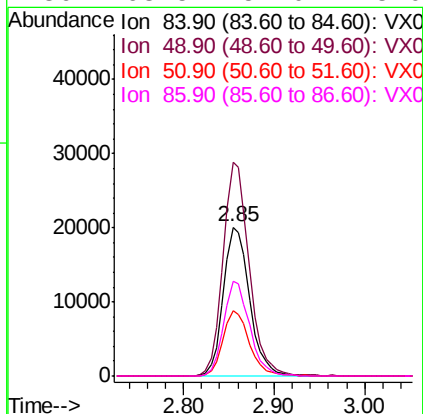
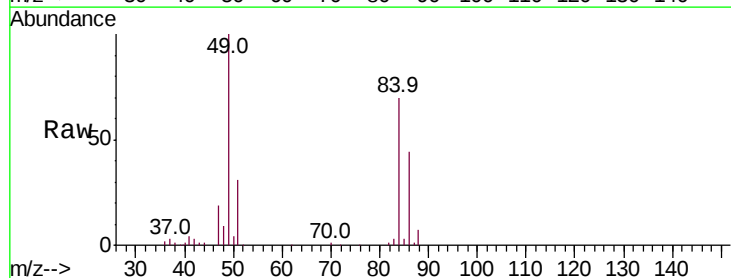
Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-1

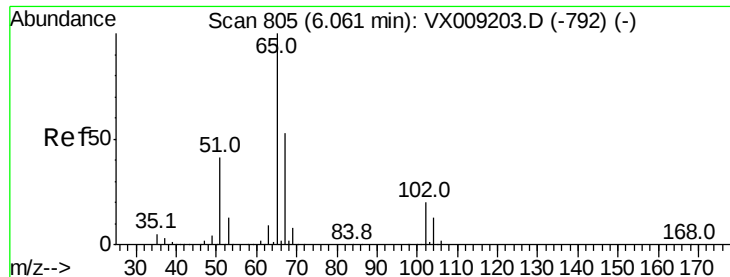
Tot Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
74 19.2 16.2 24.4



#20
Methylene Chloride
Concen: 19.969 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 84 Resp: 40540
Ion Ratio Lower Upper
84 100
49 143.4 109.9 164.9
51 44.2 32.7 49.1
86 63.5 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.624 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

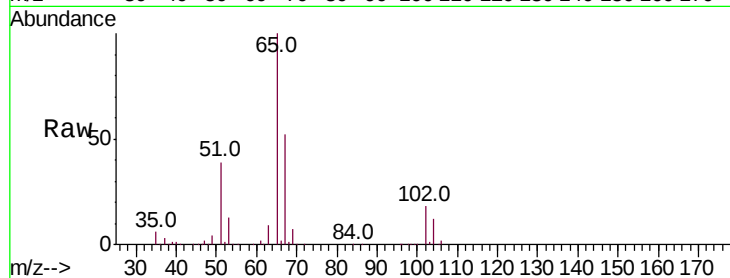
RO-COMP-1

Tot Ion: 65 Resp: 113540

Ion Ratio Lower Upper

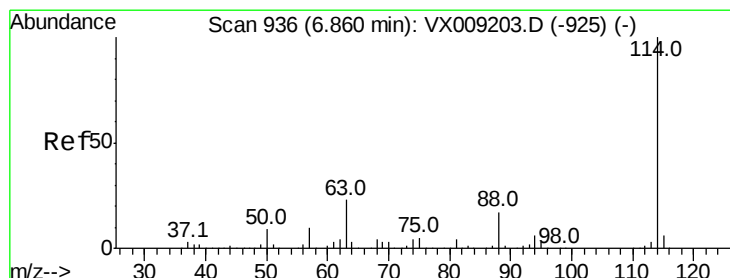
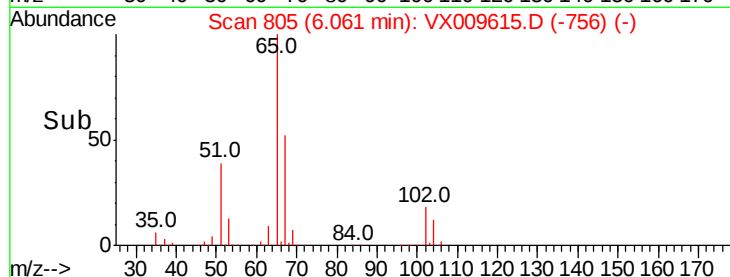
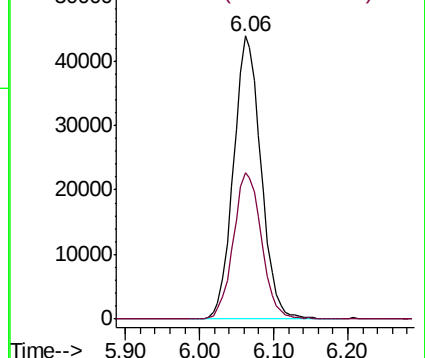
65 100

67 53.3 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: VX009615.D

Acq: 16 May 2019 18:18

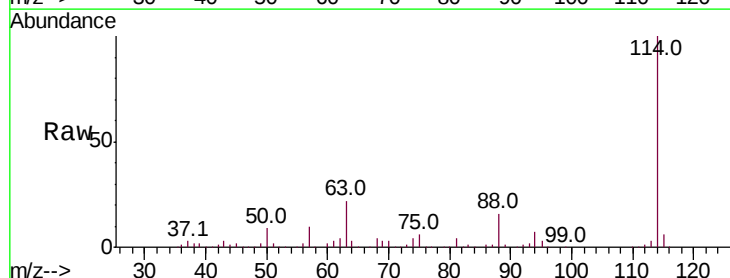
Tgt Ion:114 Resp: 269782

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

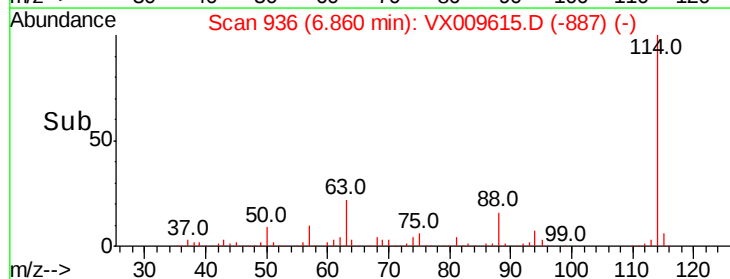
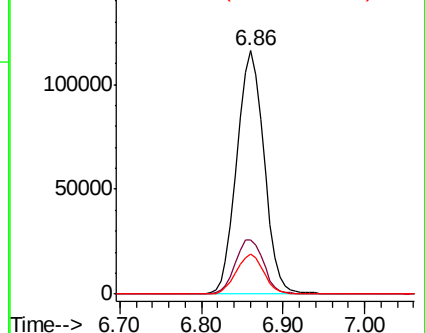
88 16.4 0.0 33.2

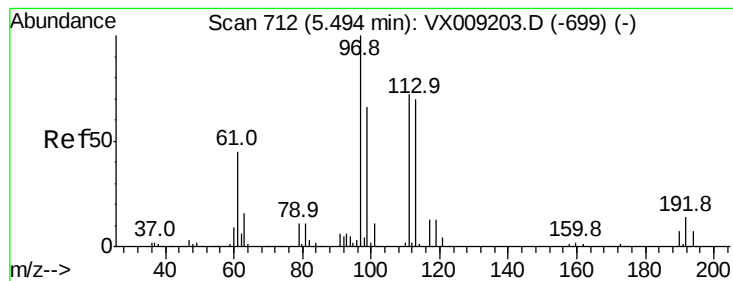


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.865 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-1

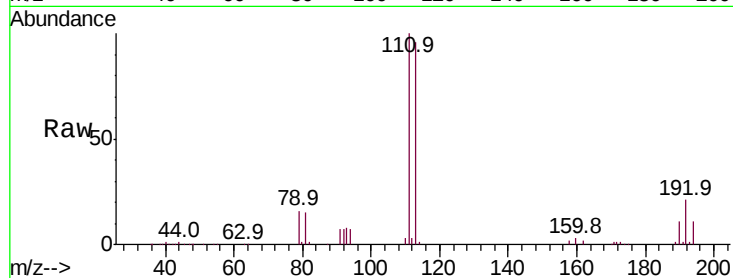
Tot Ion:113 Resp: 82873

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

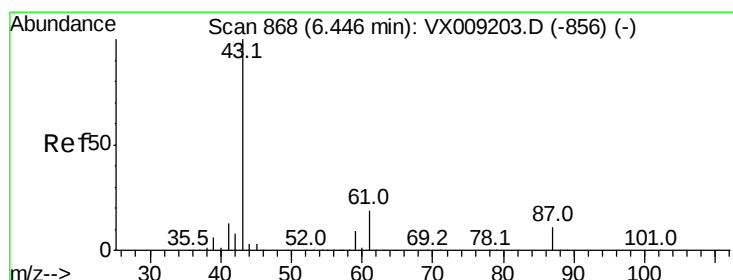
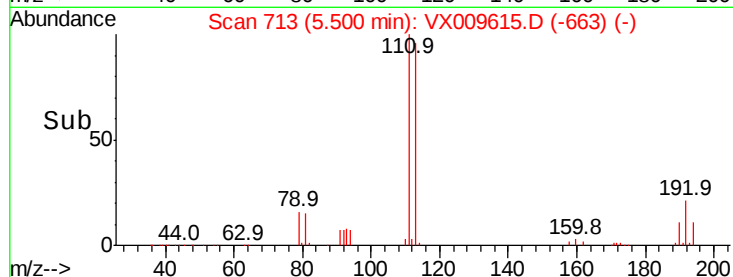
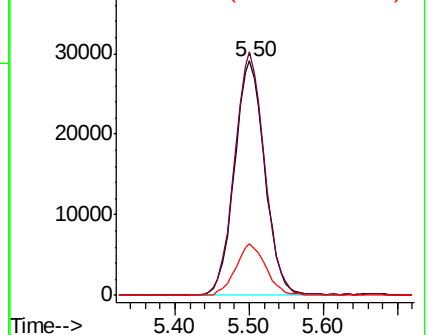
192 21.6 17.0 25.6



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: 2.153 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

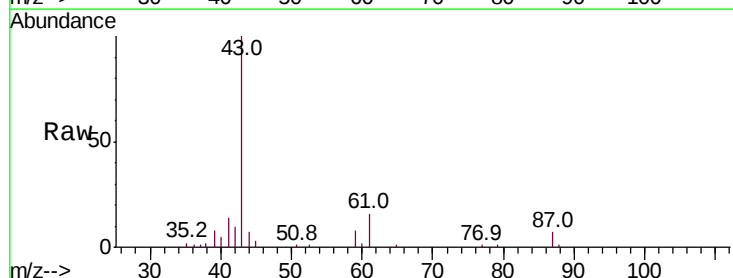
Tgt Ion: 43 Resp: 12032

Ion Ratio Lower Upper

43 100

61 18.2 15.1 22.7

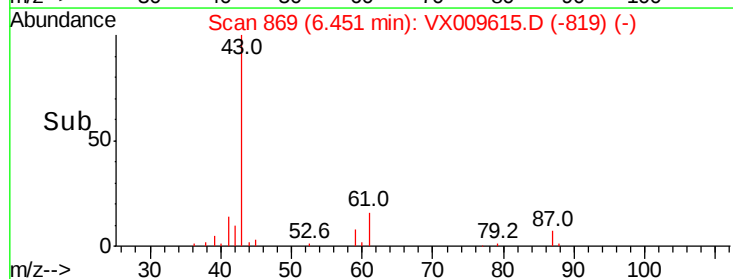
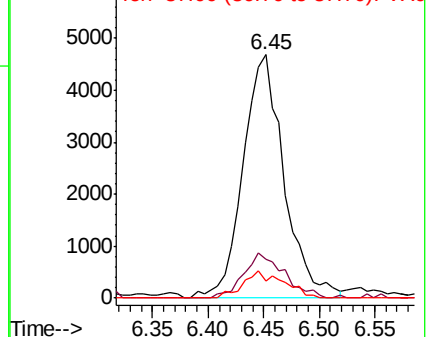
87 10.9 9.0 13.6

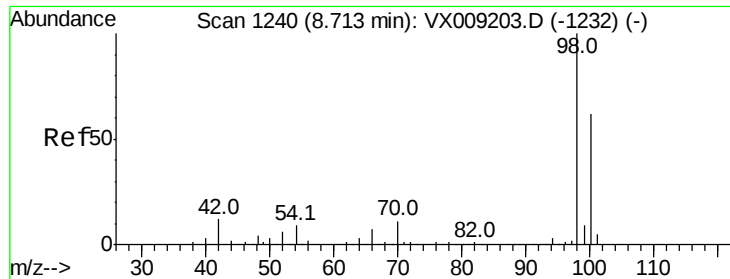


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

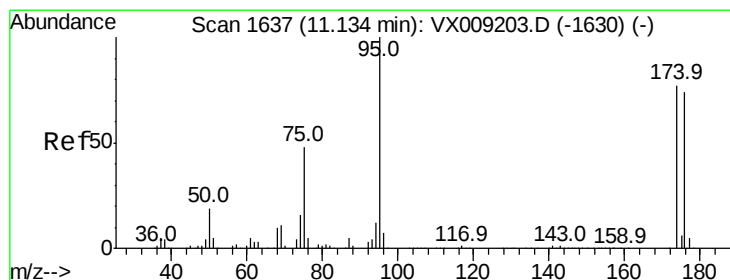
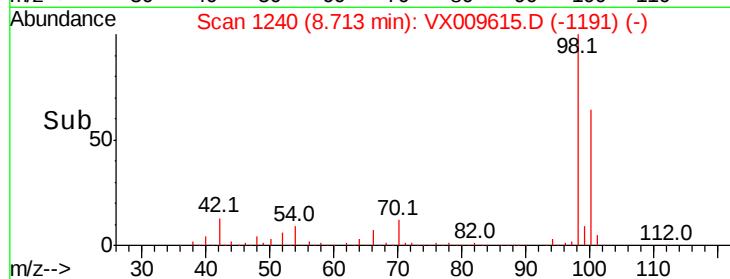
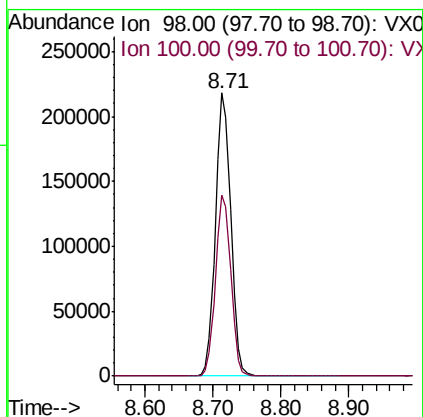
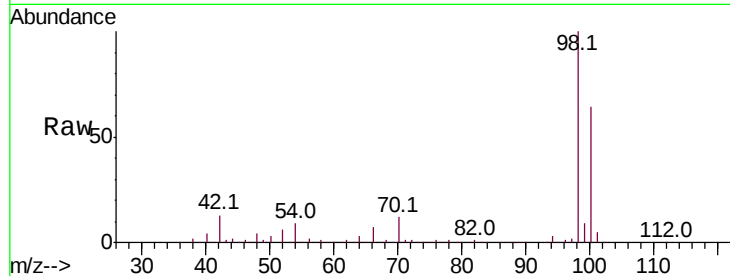




#50
Toluene-d8
Concen: 49.964 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

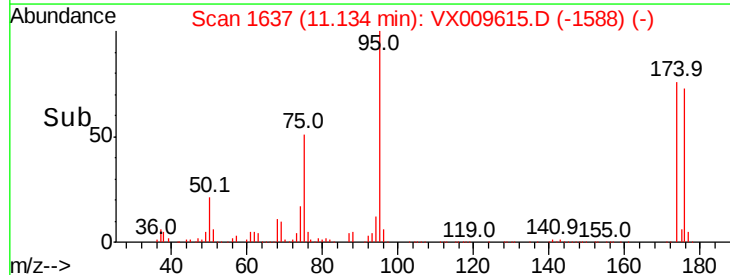
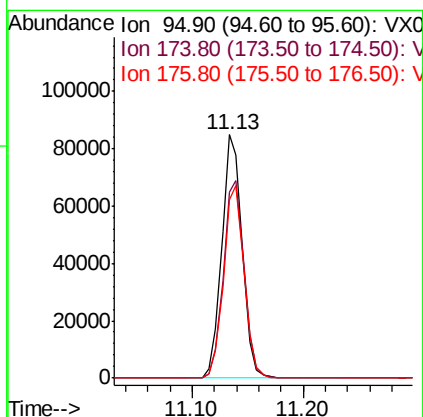
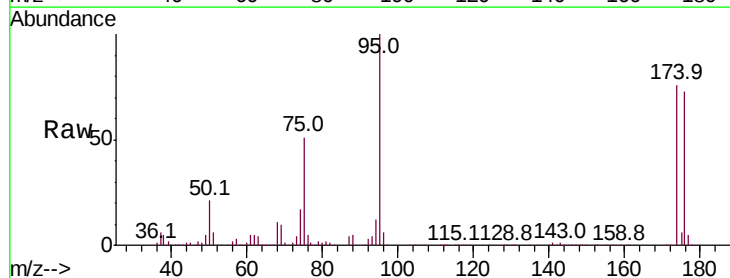
Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-1

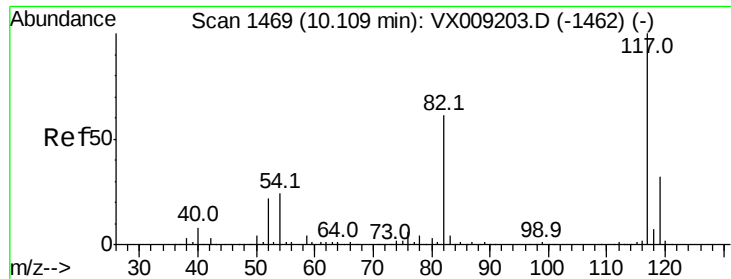
Tot Ion: 98 Resp: 342106
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.059 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 95 Resp: 107129
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.6
176 79.6 0.0 159.2

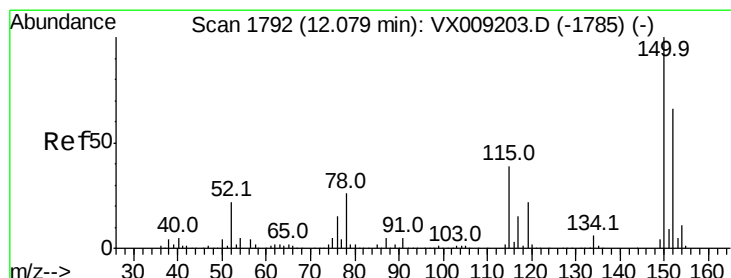
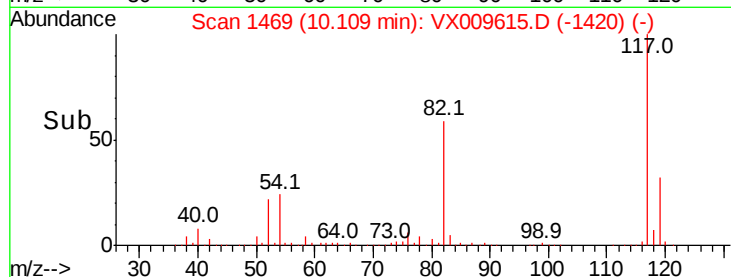
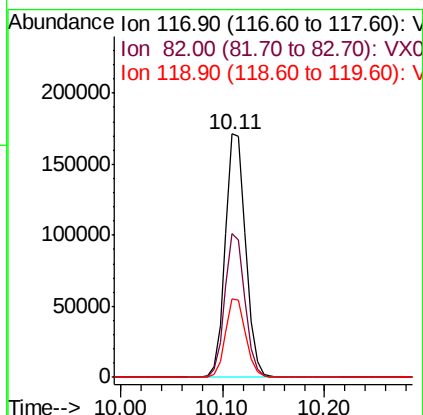
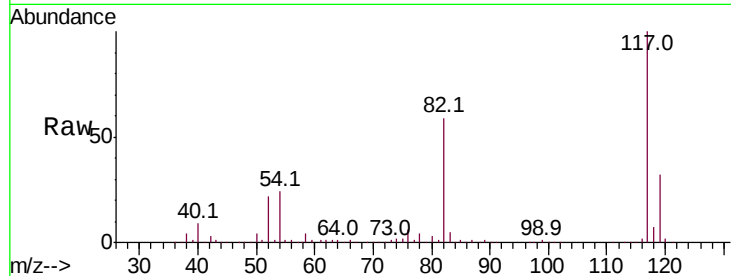




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

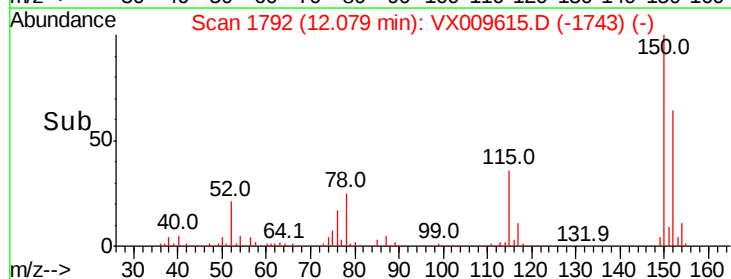
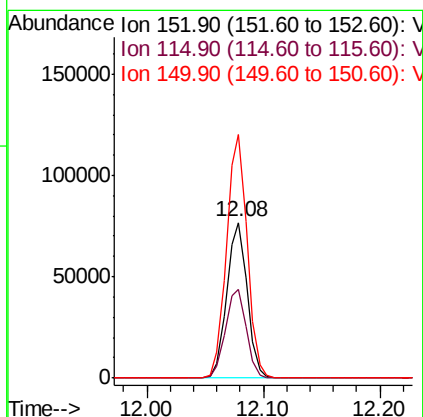
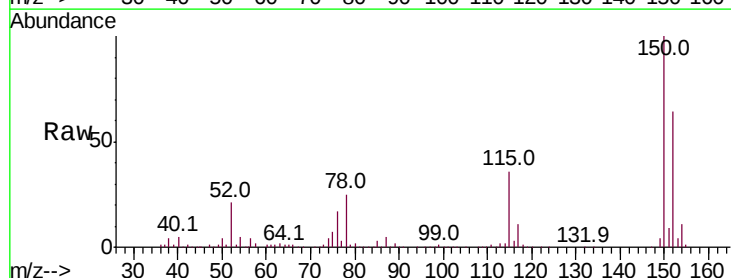
Instrument :
 MSVOA_X
 ClientSampled :
 RO-COMP-1

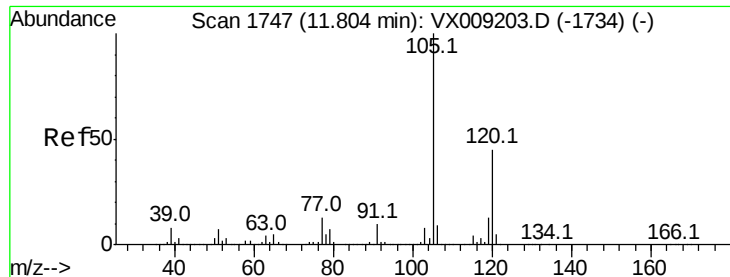
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.8	73.2
119	32.2	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.2	123.6
150	158.7	0.0	346.4





#84

1,2,4-Trimethylbenzene

Concen: 1.828 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

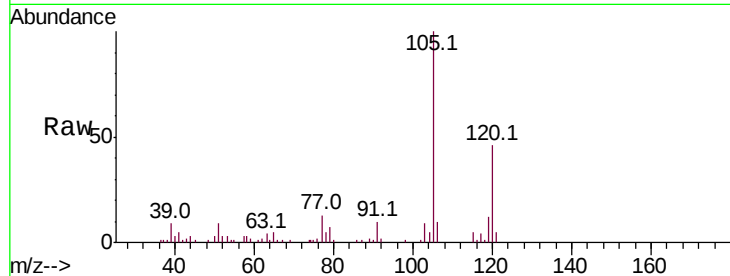
RO-COMP-1

Tot Ion:105 Resp: 10417

Ion Ratio Lower Upper

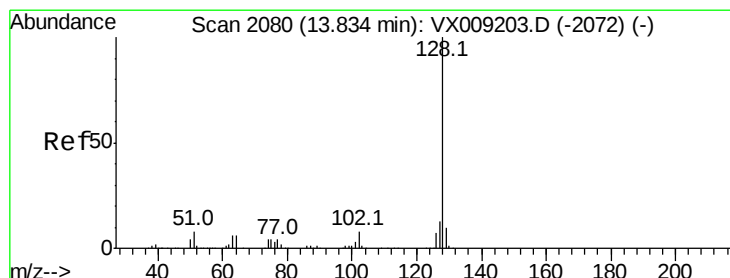
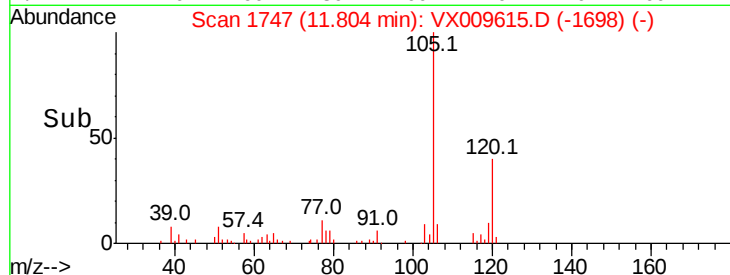
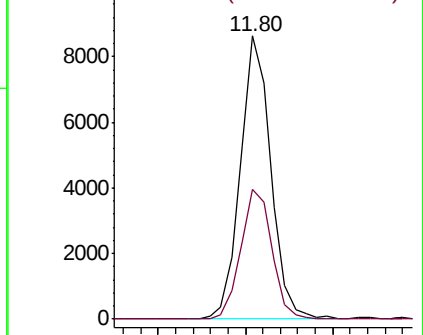
105 100

120 46.6 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 3.242 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

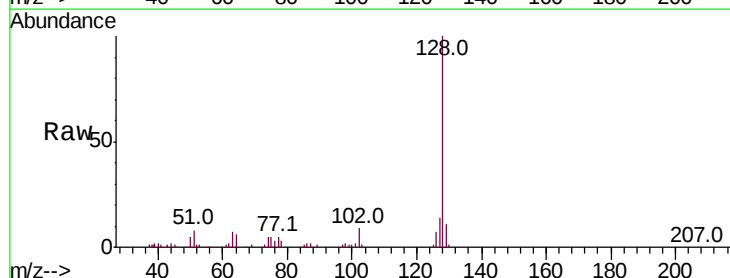
Tgt Ion:128 Resp: 21918

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.3 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

