

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009619.D
 Acq On : 16 May 2019 19:52
 Operator : JC/SP
 Sample : K2637-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-051519-B

Quant Time: May 17 07:26:33 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

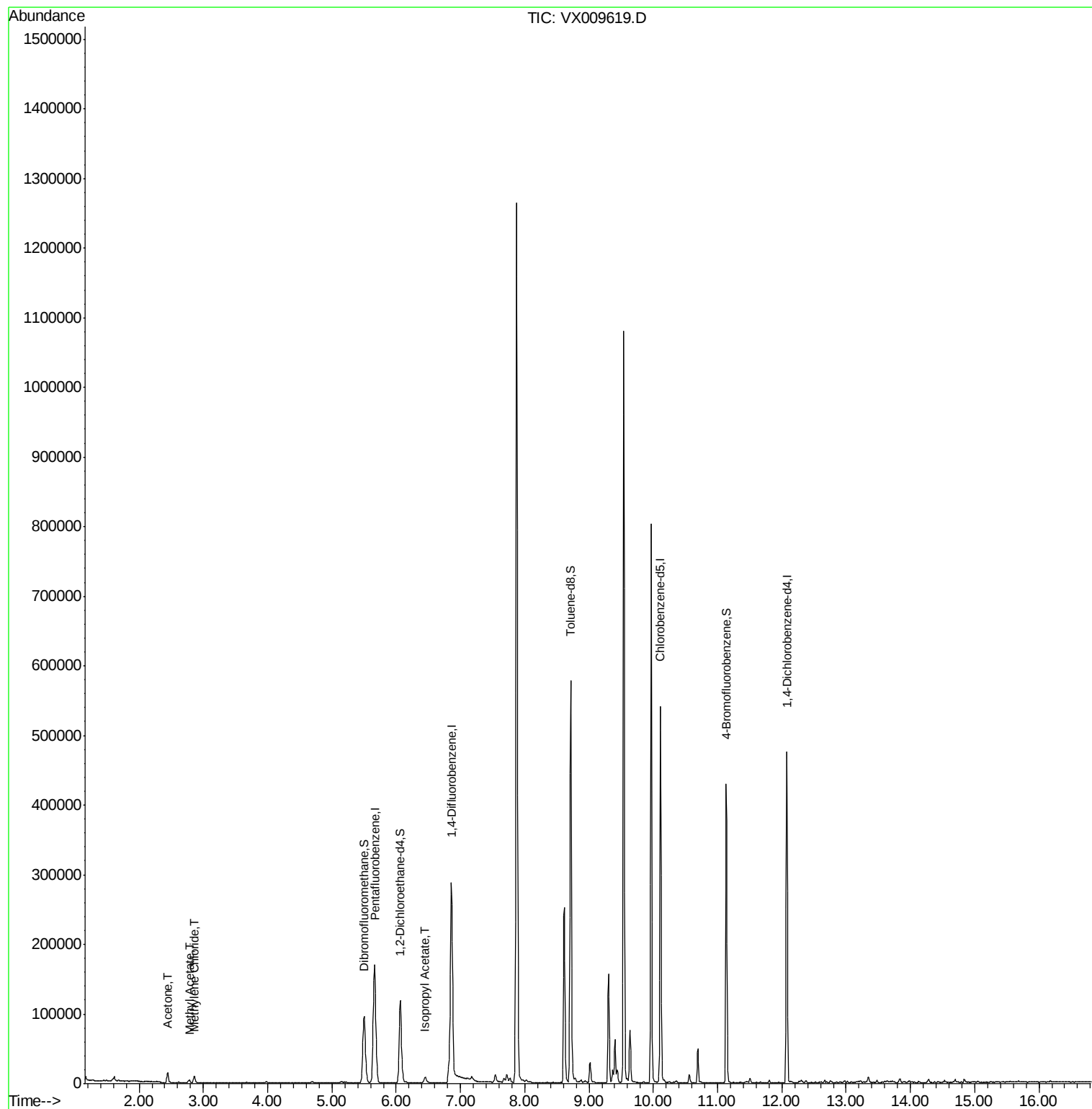
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112246	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.50	113	82292	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	340242	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	111362	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
16) Acetone	2.45	43	16648	13.716	ug/l	97
18) Methyl Acetate	2.78	43	6667	2.310	ug/l	99
20) Methylene Chloride	2.86	84	3991	2.031	ug/l	97
43) Isopropyl Acetate	6.45	43	11881	2.139	ug/l	96

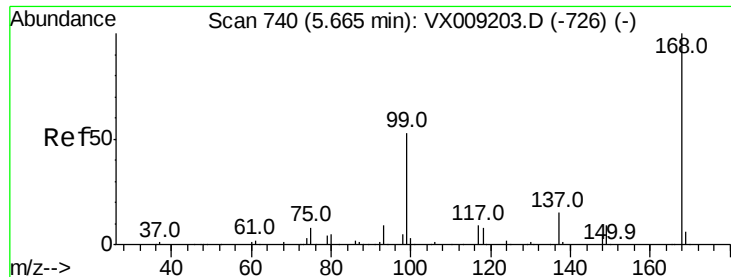
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009619.D

Acq: 16 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

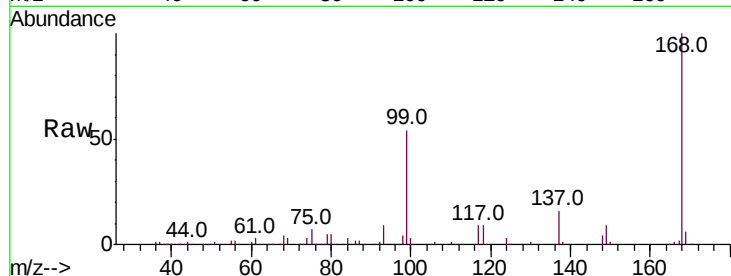
HR-06-051519-B

Tot Ion:168 Resp: 165591

Ion Ratio Lower Upper

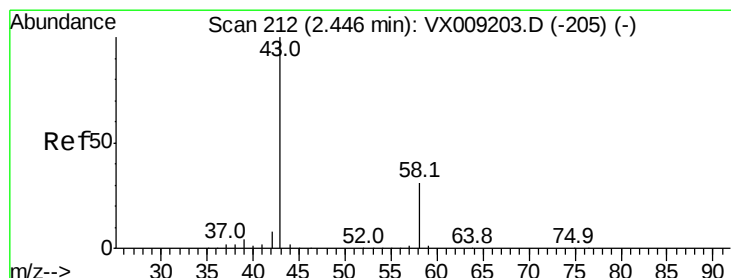
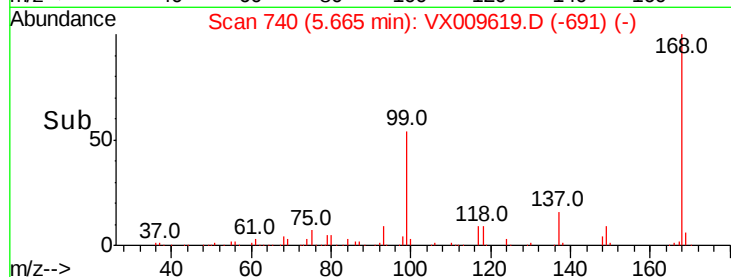
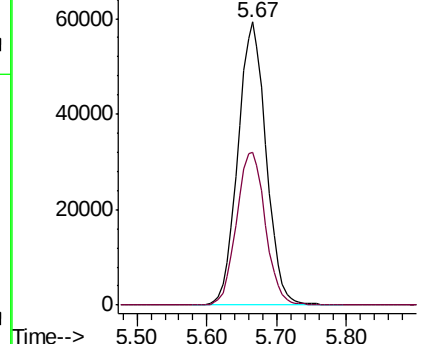
168 100

99 54.1 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: 13.716 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009619.D

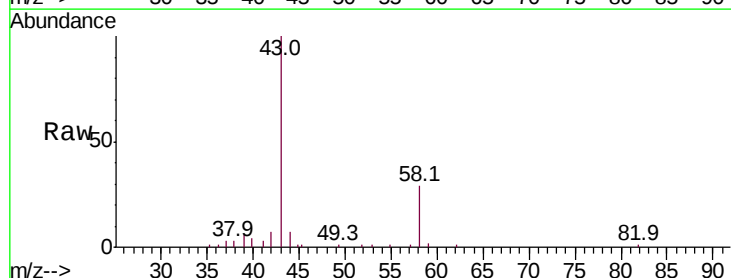
Acq: 16 May 2019 19:52

Tgt Ion: 43 Resp: 16648

Ion Ratio Lower Upper

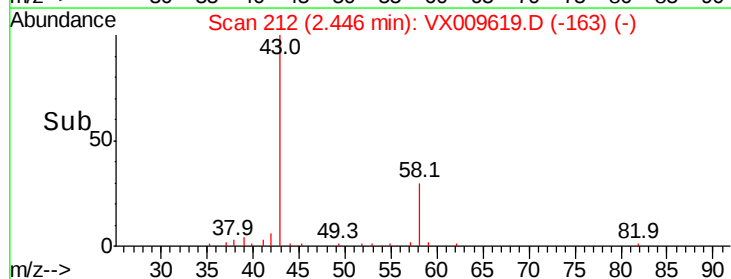
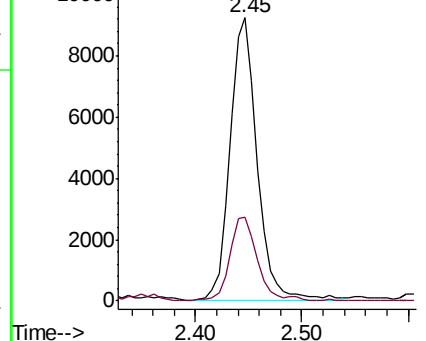
43 100

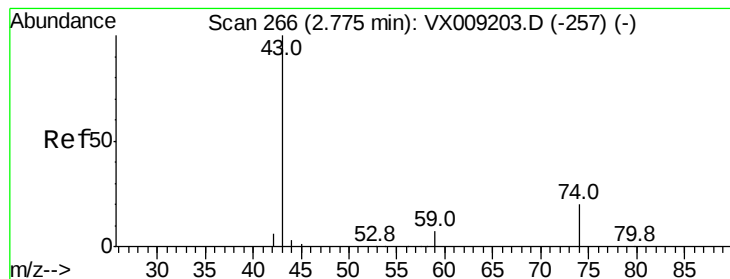
58 29.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 2.310 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009619.D

Acq: 16 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

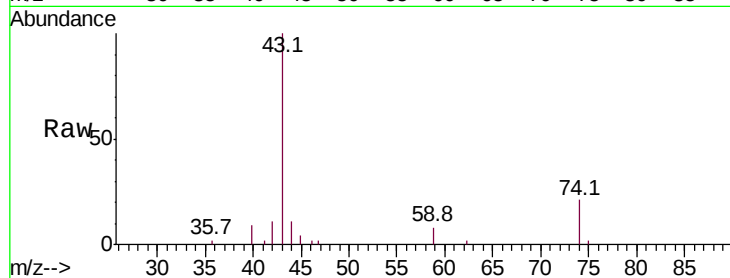
HR-06-051519-B

Tot Ion: 43 Resp: 6667

Ion Ratio Lower Upper

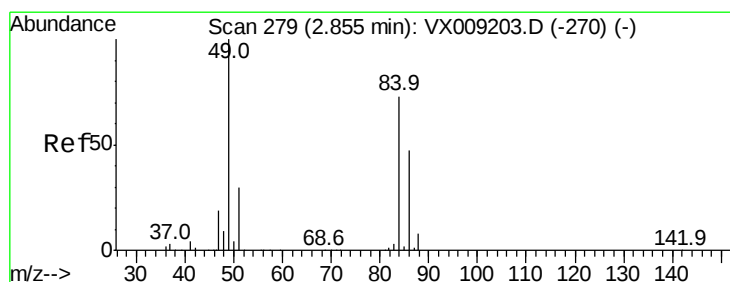
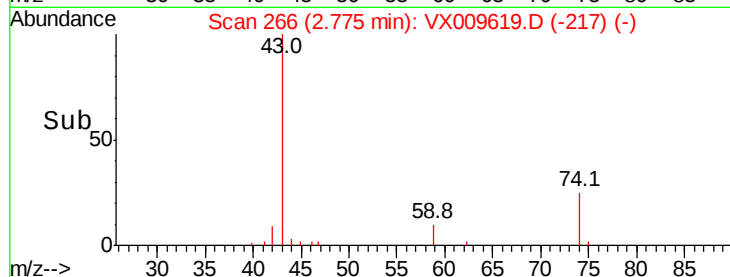
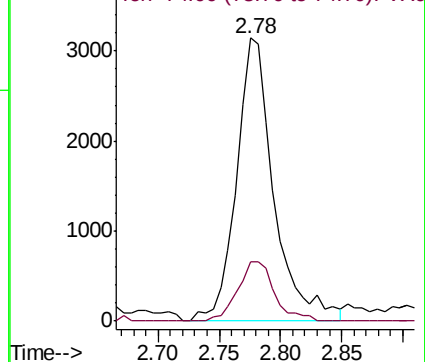
43 100

74 20.7 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: 2.031 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009619.D

Acq: 16 May 2019 19:52

Tgt Ion: 84 Resp: 3991

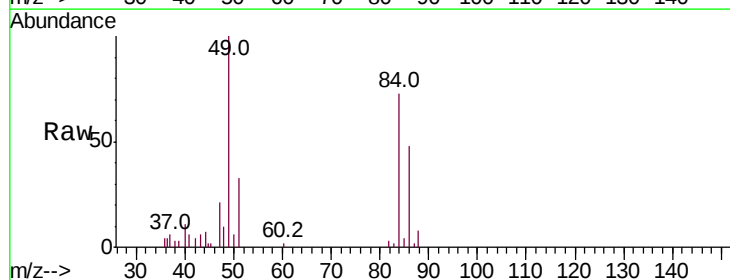
Ion Ratio Lower Upper

84 100

49 133.9 109.9 164.9

51 44.5 32.7 49.1

86 64.9 52.0 78.0

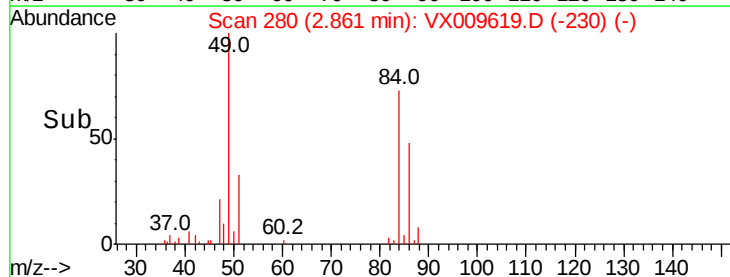
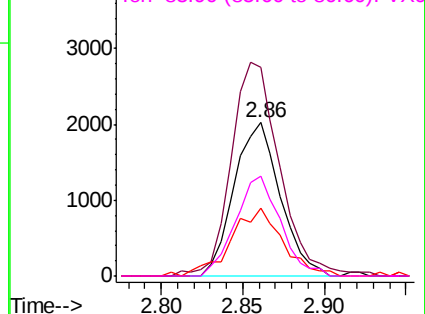


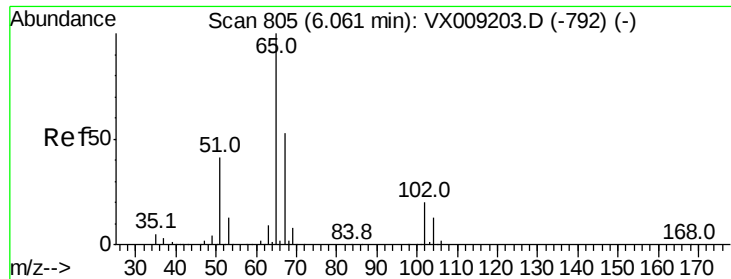
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

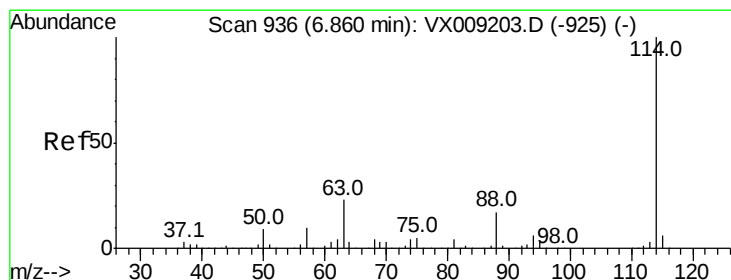
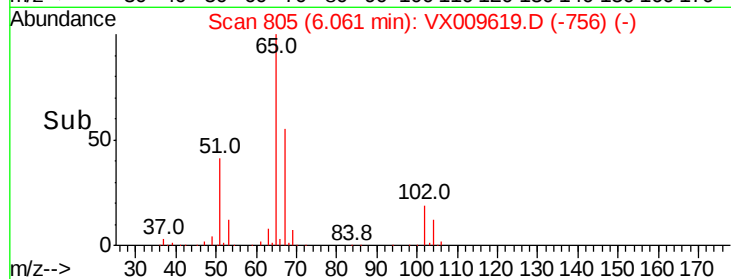
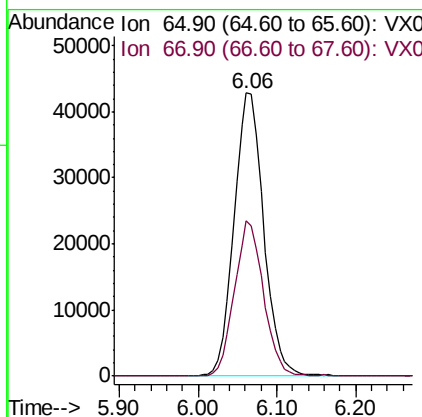
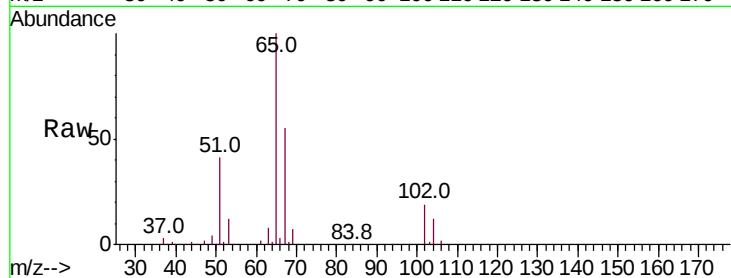




#33
 1,2-Dichloroethane-d4
 Concen: 49.655 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009619.D
 Acq: 16 May 2019 19:52

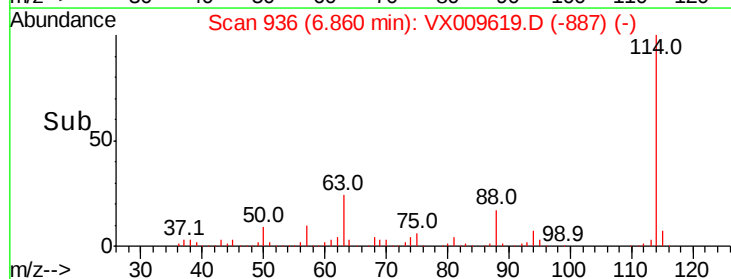
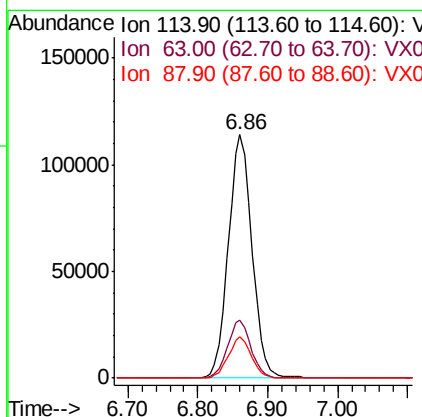
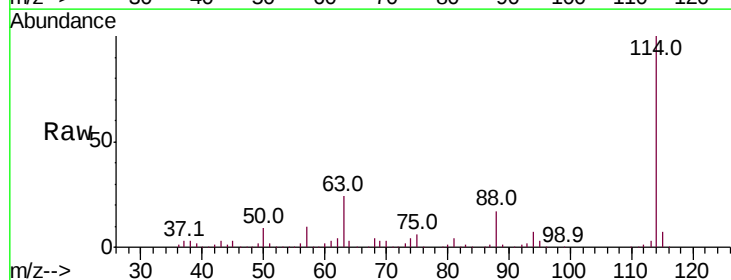
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-051519-B

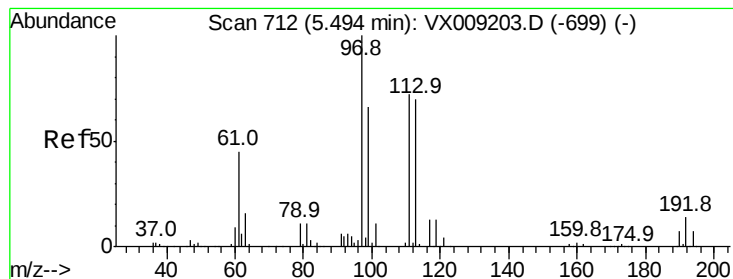
Tot Ion: 65 Resp: 112246
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009619.D
 Acq: 16 May 2019 19:52

Tgt Ion: 114 Resp: 268170
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.814 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009619.D

Acq: 16 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

HR-06-051519-B

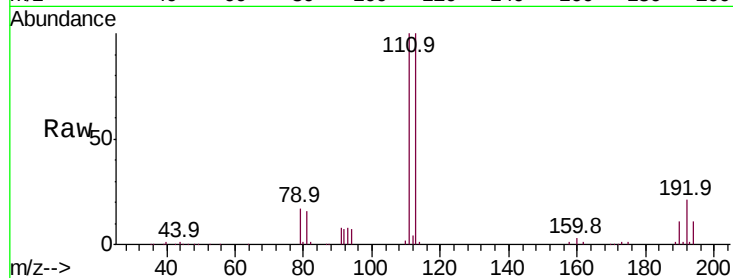
Tot Ion:113 Resp: 82292

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

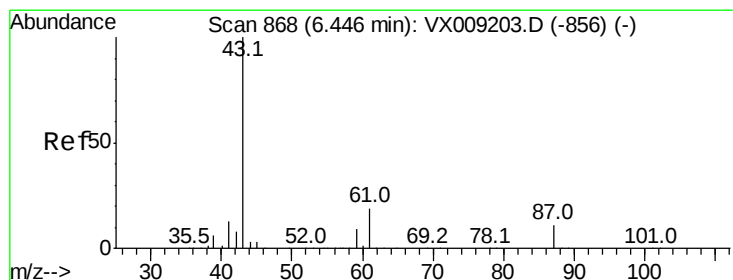
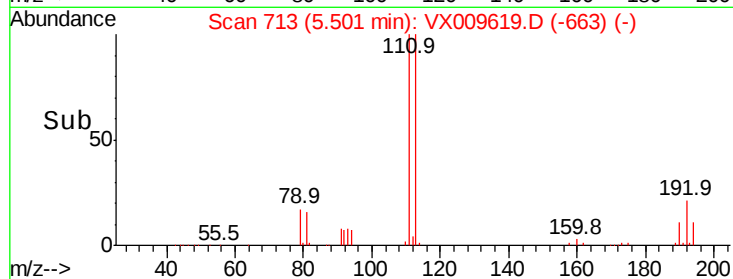
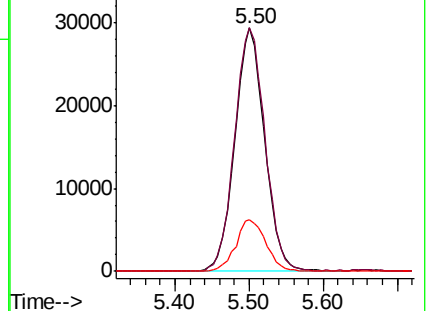
192 21.4 17.0 25.6



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: 2.139 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009619.D

Acq: 16 May 2019 19:52

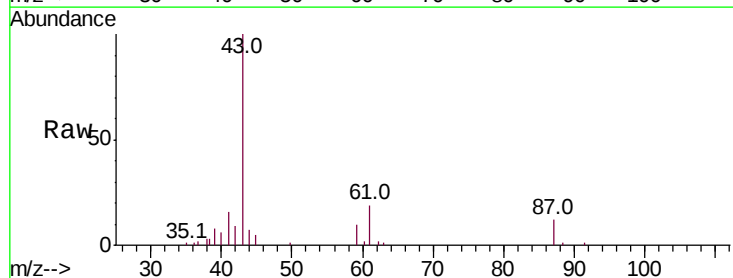
Tgt Ion: 43 Resp: 11881

Ion Ratio Lower Upper

43 100

61 21.4 15.1 22.7

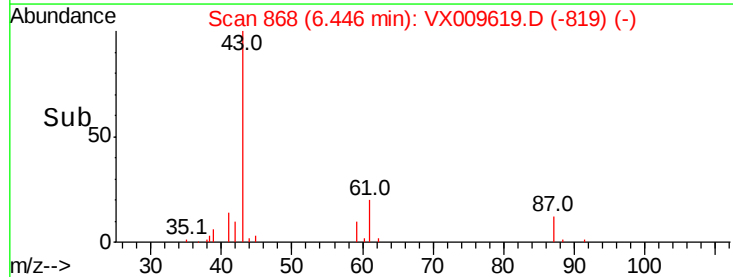
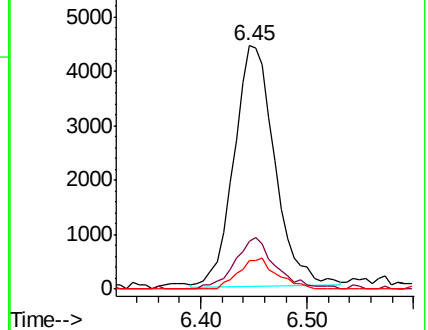
87 11.9 9.0 13.6

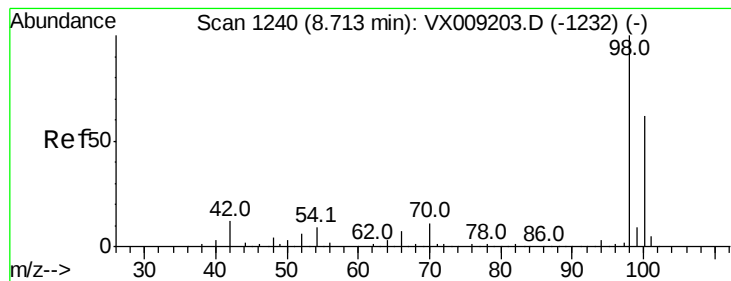


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.991 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009619.D

Acq: 16 May 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

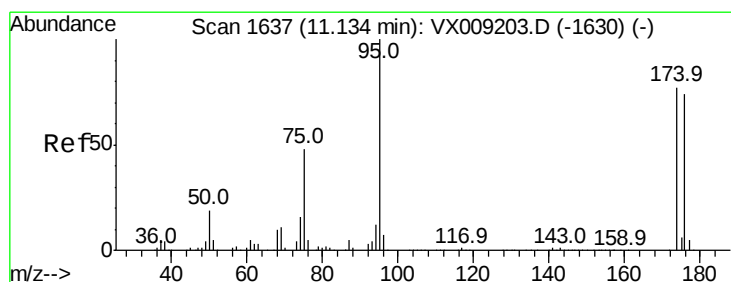
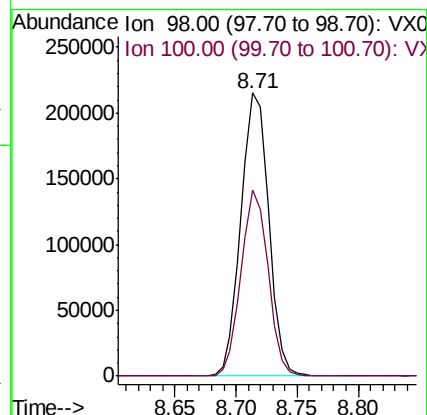
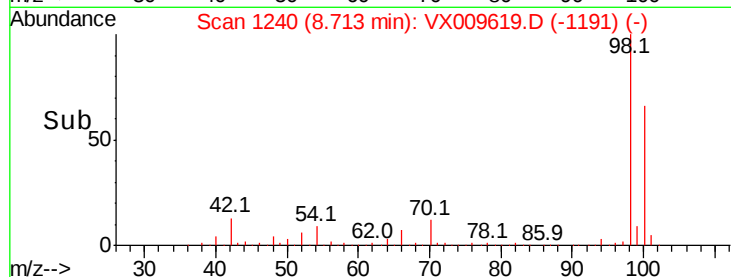
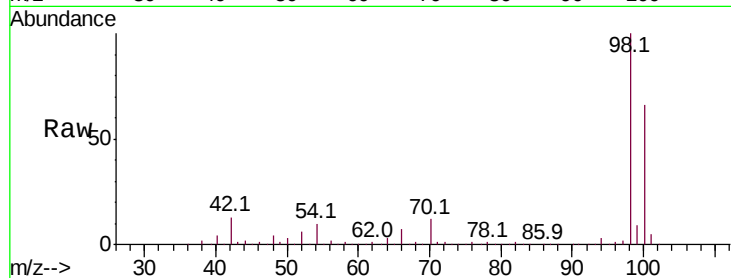
HR-06-051519-B

Tot Ion: 98 Resp: 340242

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.030 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009619.D

Acq: 16 May 2019 19:52

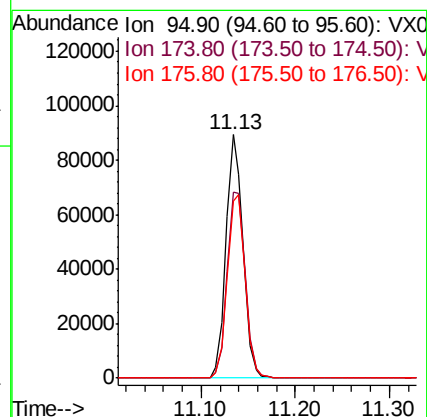
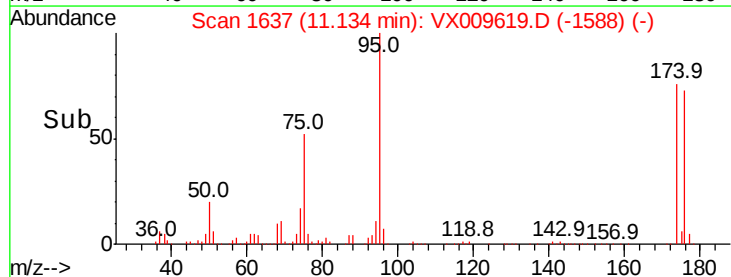
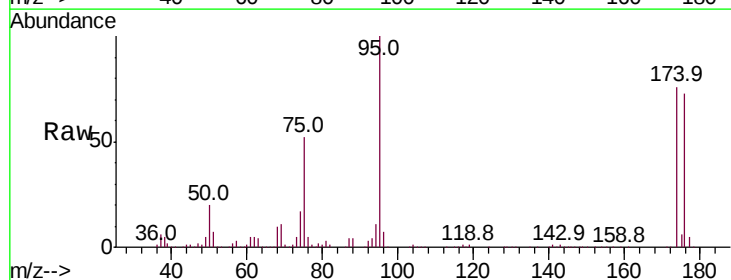
Tgt Ion: 95 Resp: 111362

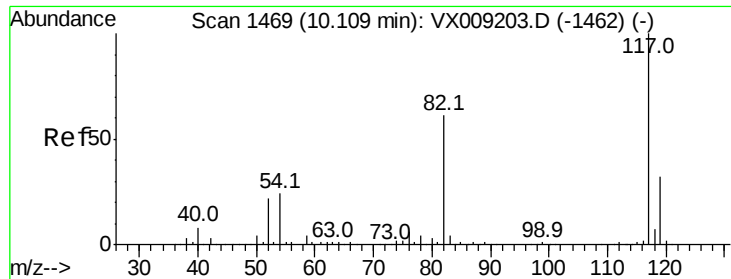
Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

176 79.1 0.0 159.2

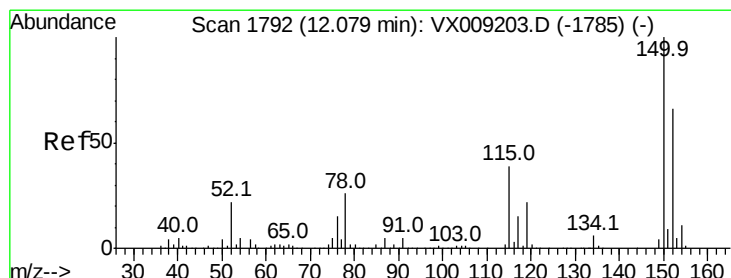
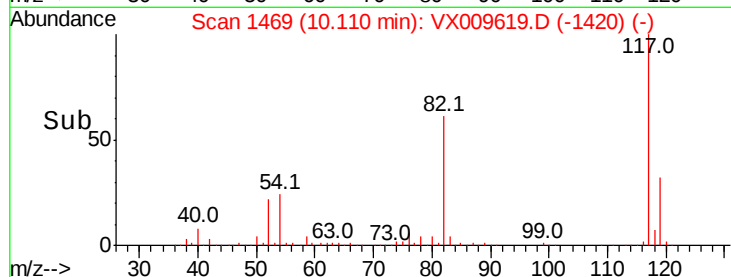
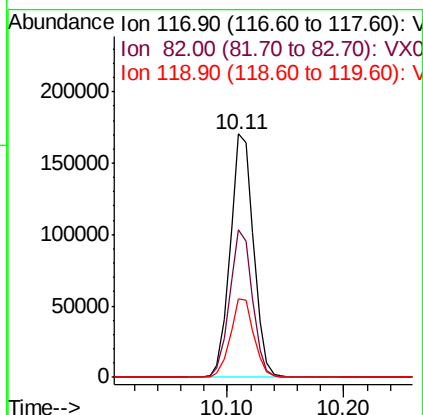
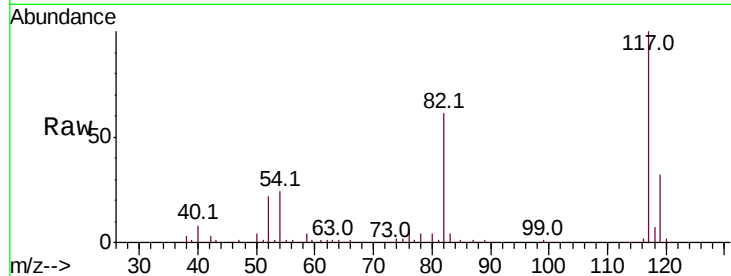




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009619.D
Acq: 16 May 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-B

Tot Ion:117 Resp: 236909
Ion Ratio Lower Upper
117 100
82 60.5 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: VX009619.D
Acq: 16 May 2019 19:52

Tgt Ion:152 Resp: 97742
Ion Ratio Lower Upper
152 100
115 58.8 41.2 123.6
150 157.0 0.0 346.4

