

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011232.D
 Acq On : 31 Jul 2019 06:32
 Operator : JC/SP
 Sample : K3621-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-072919

Quant Time: Jul 31 09:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

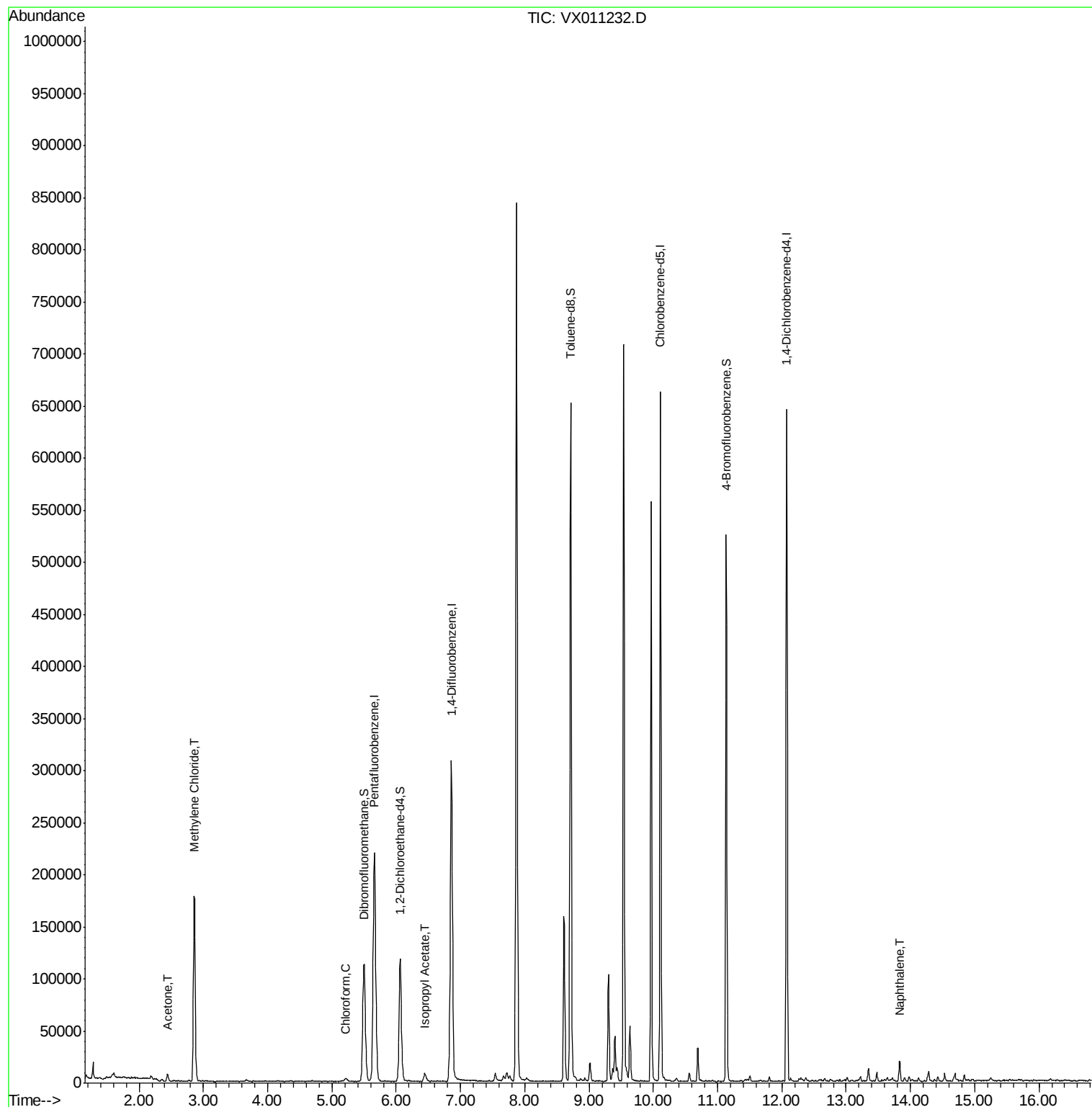
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110137	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	95099	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	8.71	98	380256	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	128616	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	7276	6.819	ug/l	98
20) Methylene Chloride	2.85	84	88029	38.932	ug/l	99
30) Chloroform	5.21	83	3753	0.987	ug/l	97
43) Isopropyl Acetate	6.45	43	10531	2.386	ug/l	98
95) Naphthalene	13.83	128	12071	1.367	ug/l	95

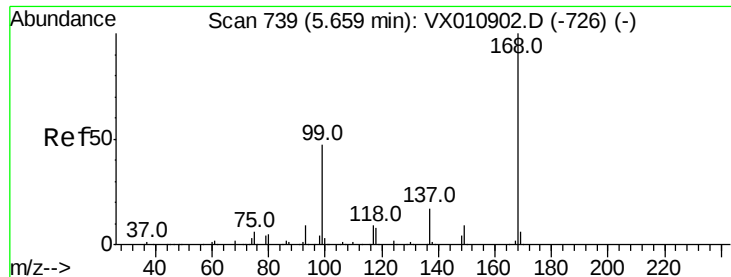
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011232.D

Acq: 31 Jul 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

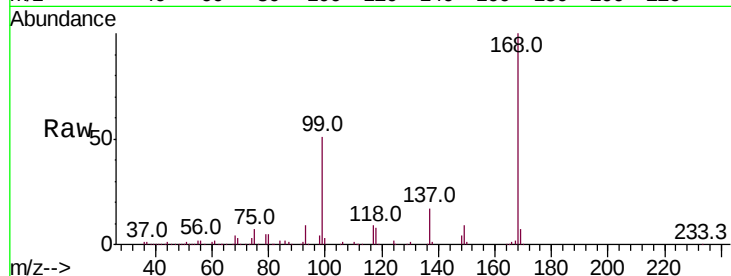
OK-01-072919

Tot Ion:168 Resp: 222055

Ion Ratio Lower Upper

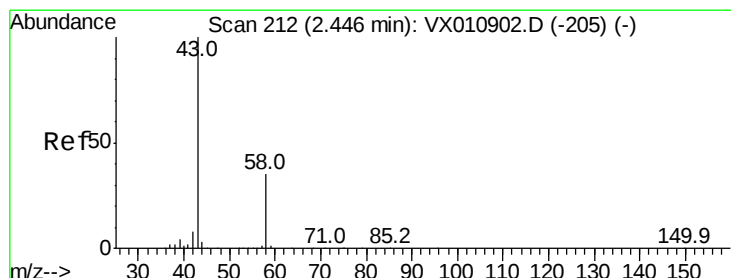
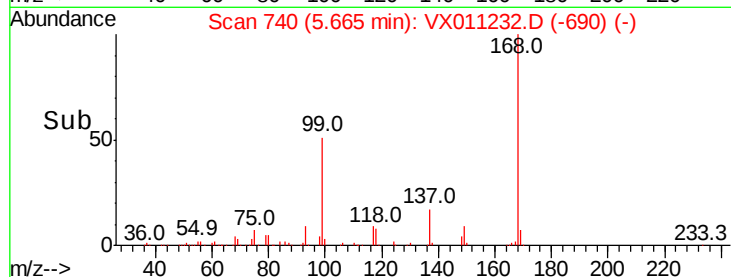
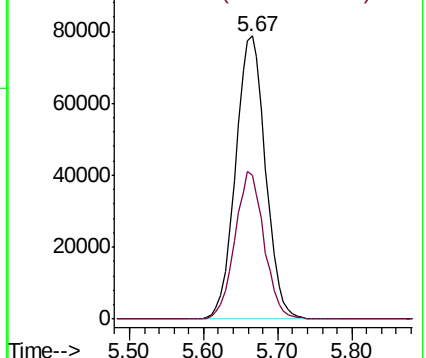
168 100

99 51.0 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: 6.819 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011232.D

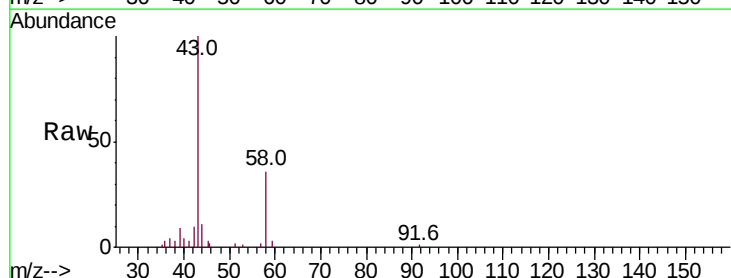
Acq: 31 Jul 2019 06:32

Tgt Ion: 43 Resp: 7276

Ion Ratio Lower Upper

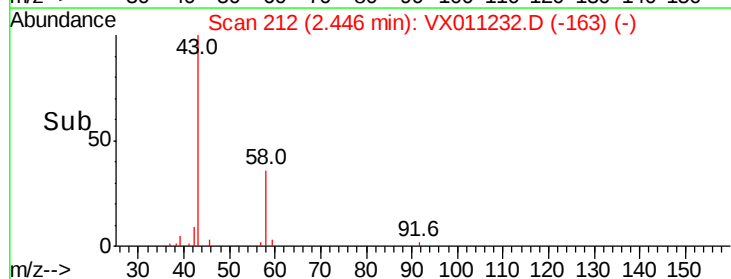
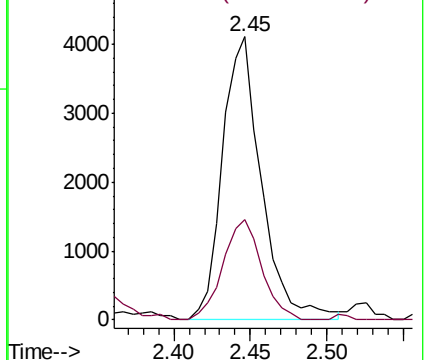
43 100

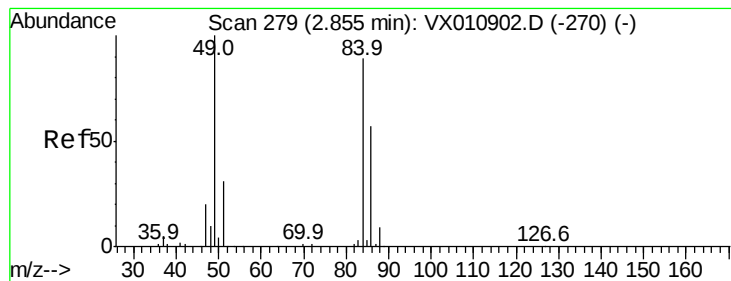
58 35.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 38.932 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX011232.D

Acq: 31 Jul 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

OK-01-072919

Tot Ion: 84 Resp: 88029

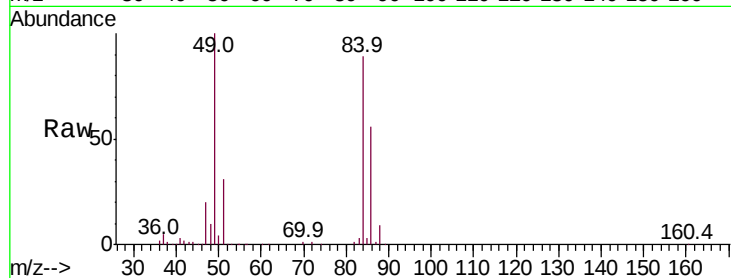
Ion Ratio Lower Upper

84 100

49 112.3 89.9 134.9

51 34.6 27.8 41.6

86 62.4 51.8 77.6

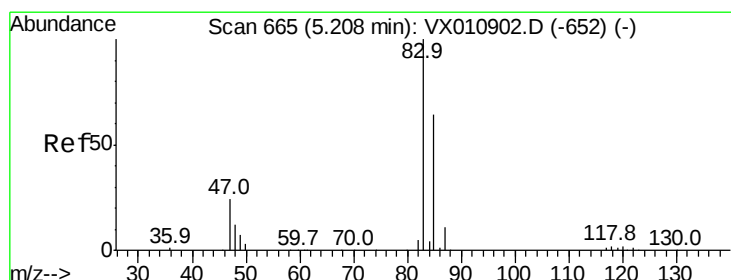
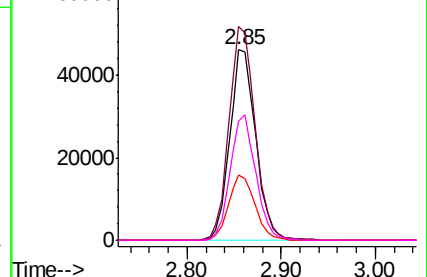
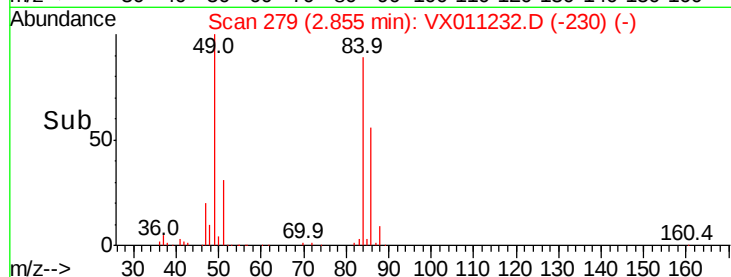


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#30

Chloroform

Concen: 0.987 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011232.D

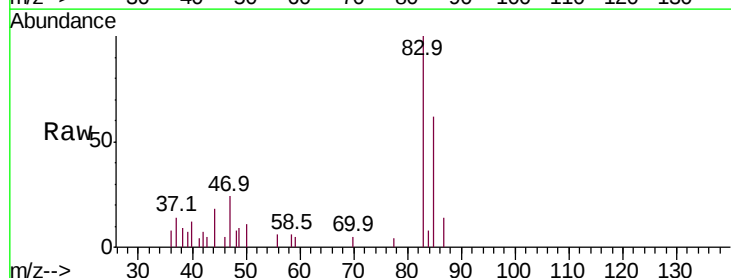
Acq: 31 Jul 2019 06:32

Tgt Ion: 83 Resp: 3753

Ion Ratio Lower Upper

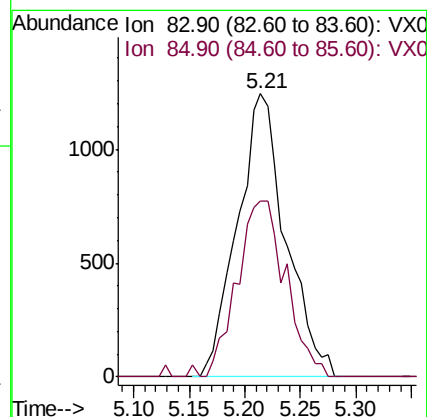
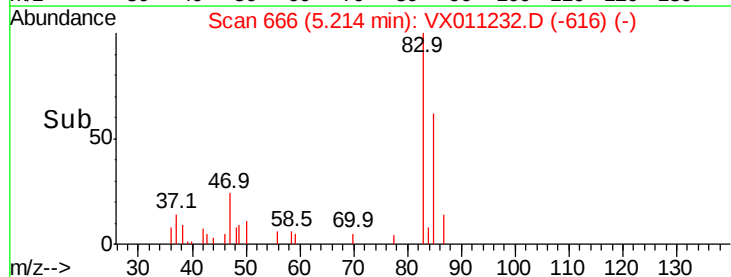
83 100

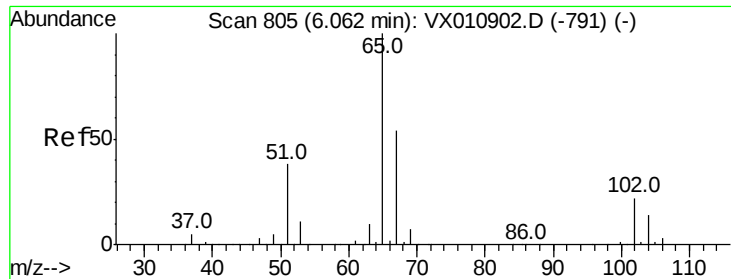
85 62.1 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.622 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011232.D

Acq: 31 Jul 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

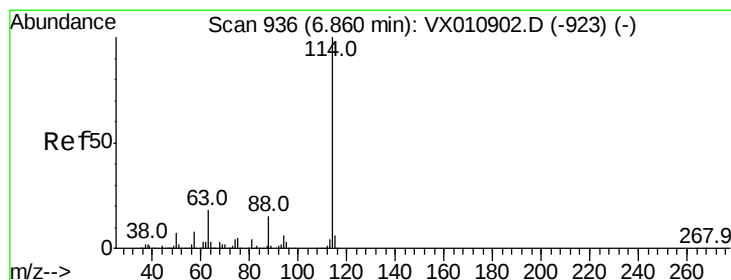
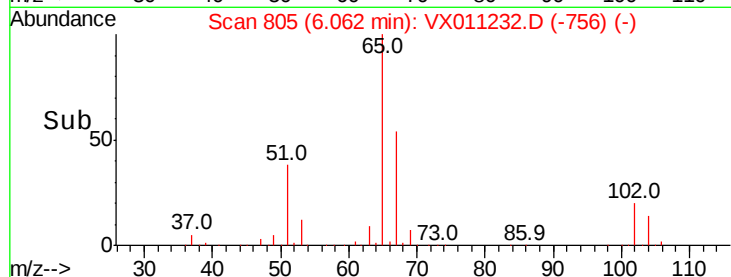
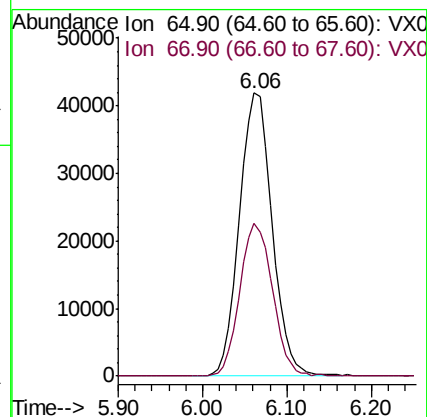
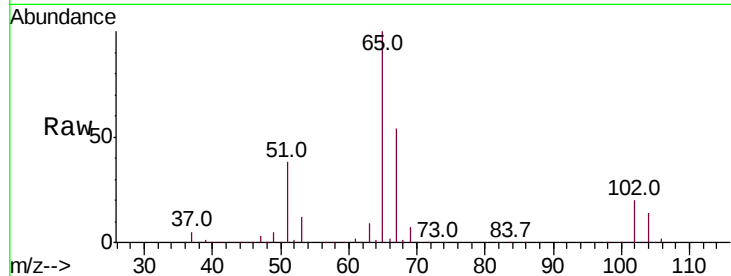
OK-01-072919

Tot Ion: 65 Resp: 110137

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011232.D

Acq: 31 Jul 2019 06:32

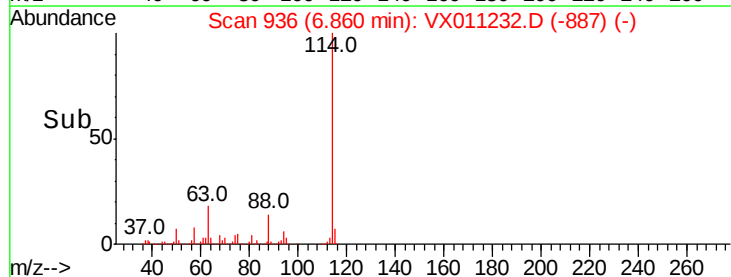
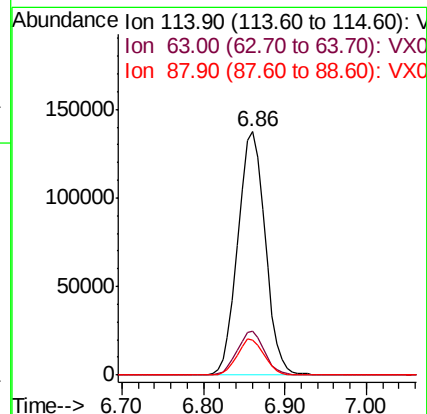
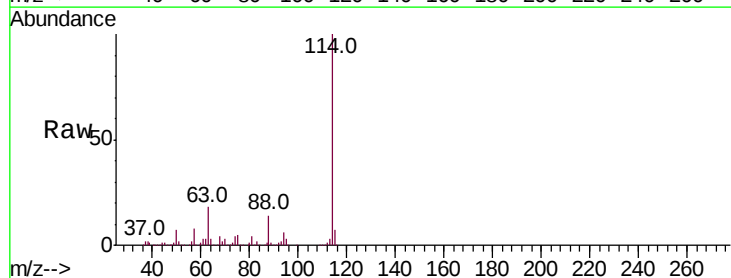
Tgt Ion: 114 Resp: 319168

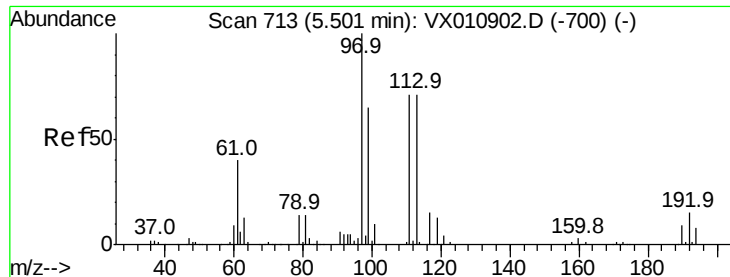
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 14.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.943 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011232.D

Acq: 31 Jul 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

OK-01-072919

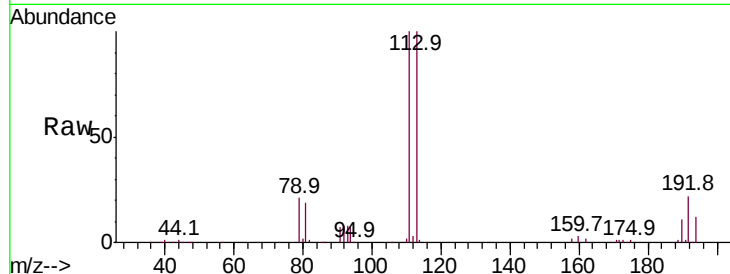
Tot Ion:113 Resp: 95099

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

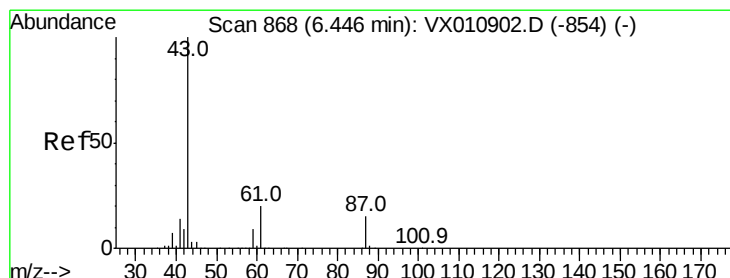
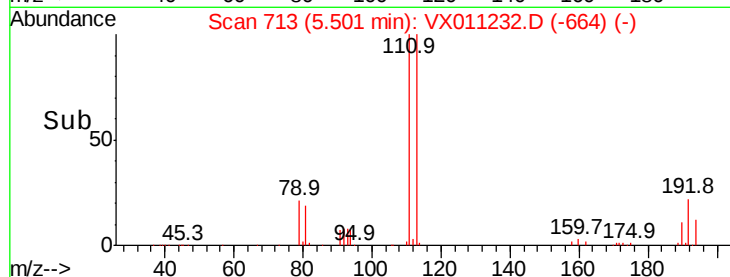
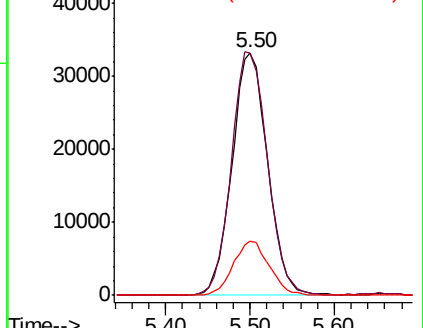
192 22.5 17.4 26.2



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: 2.386 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011232.D

Acq: 31 Jul 2019 06:32

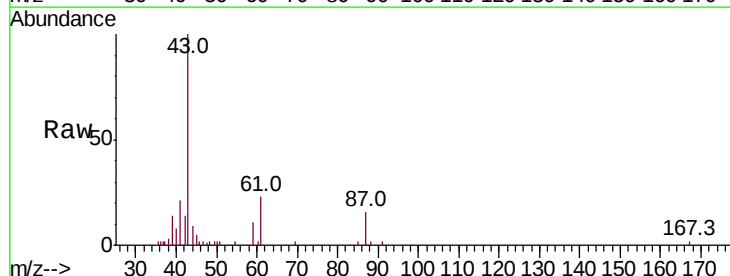
Tgt Ion: 43 Resp: 10531

Ion Ratio Lower Upper

43 100

61 22.1 17.1 25.7

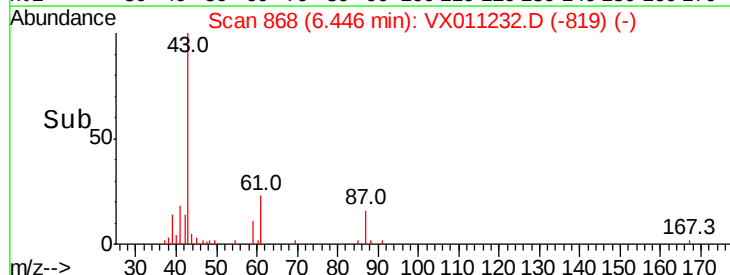
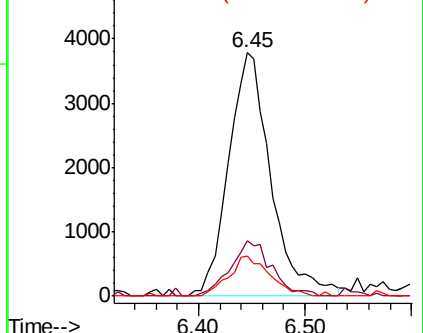
87 15.9 12.0 18.0

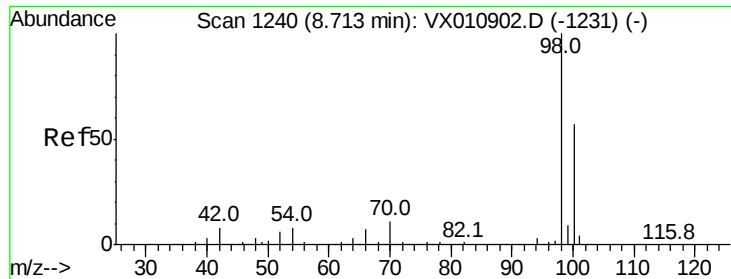


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

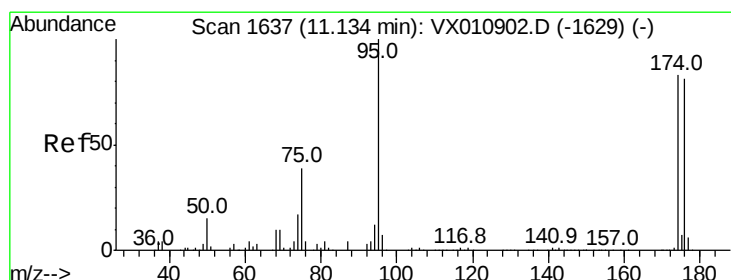
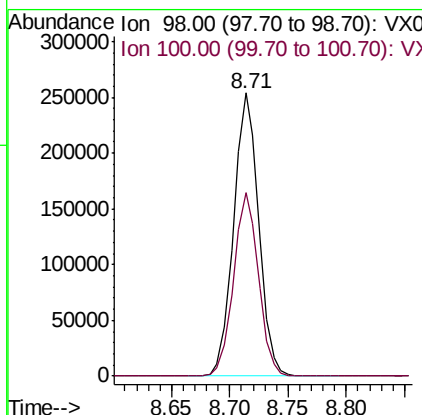
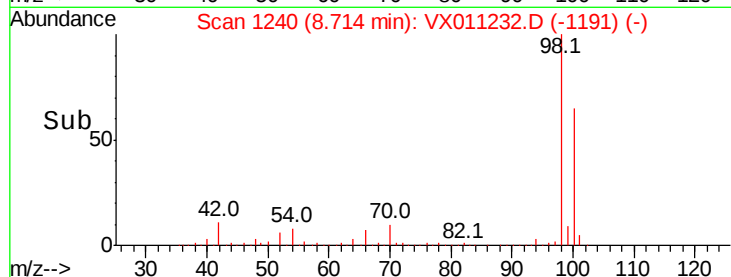
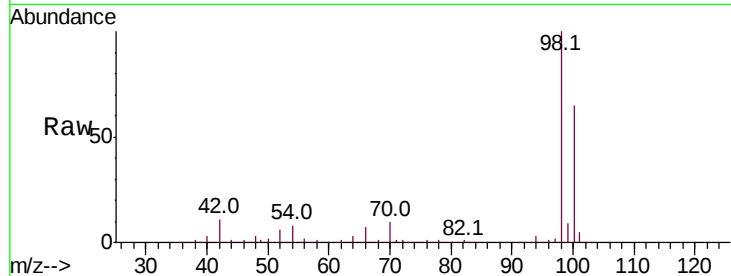




#50
Toluene-d8
Concen: 50.046 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011232.D
Acq: 31 Jul 2019 06:32

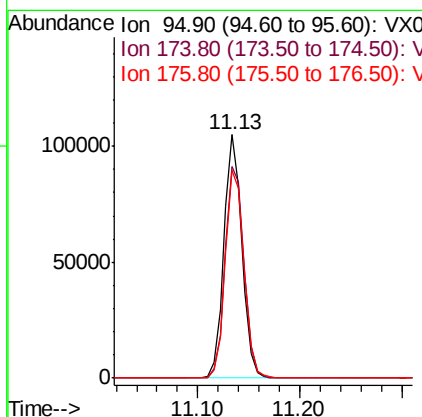
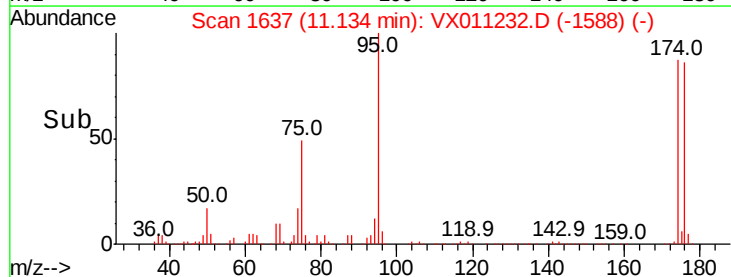
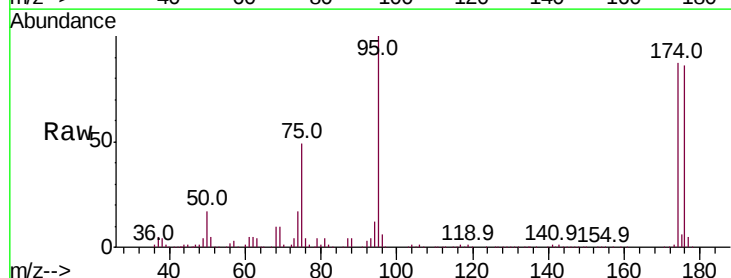
Instrument :
MSVOA_X
ClientSampleId :
OK-01-072919

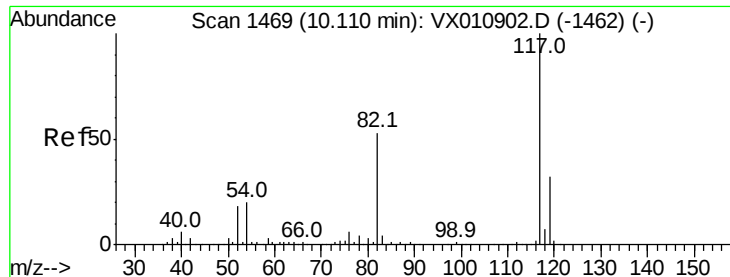
Tot Ion: 98 Resp: 380256
Ion Ratio Lower Upper
98 100
100 64.3 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 46.052 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011232.D
Acq: 31 Jul 2019 06:32

Tgt Ion: 95 Resp: 128616
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.6
176 88.6 0.0 173.8

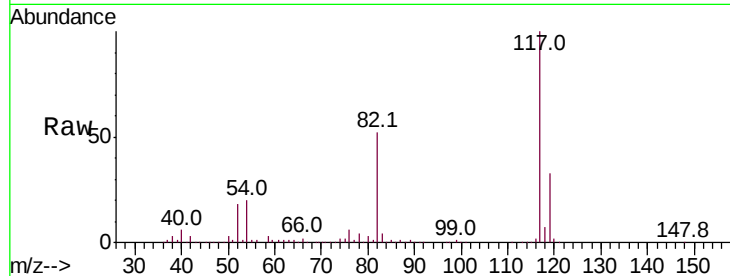




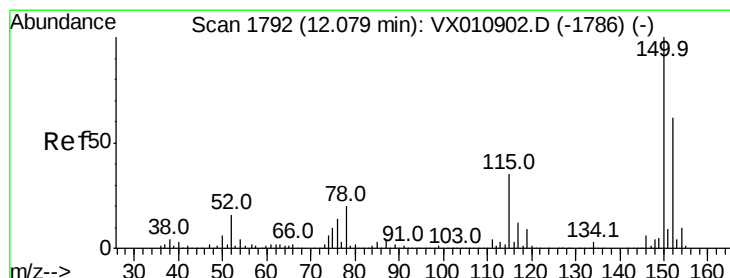
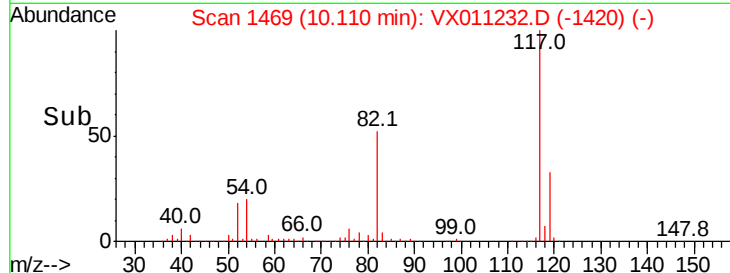
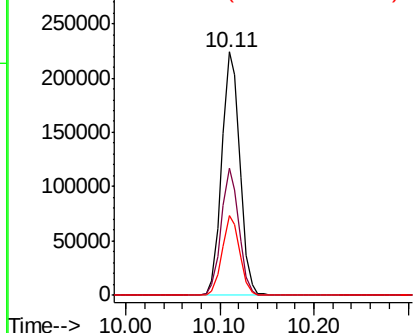
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011232.D
Acq: 31 Jul 2019 06:32

Instrument :
MSVOA_X
ClientSampleId :
OK-01-072919

Tot Ion:117 Resp: 297820
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.9 25.9 38.9

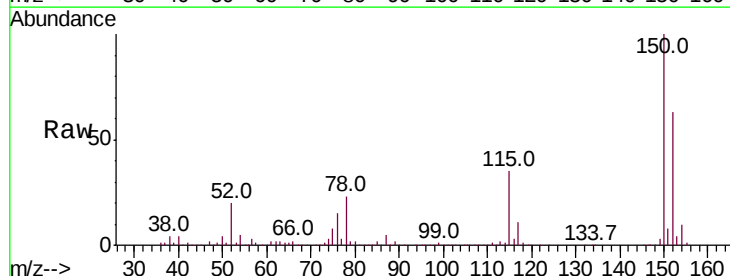


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

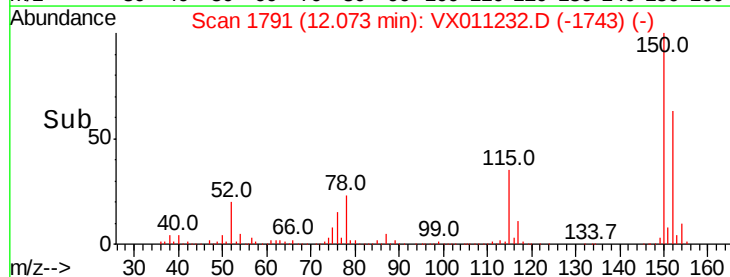
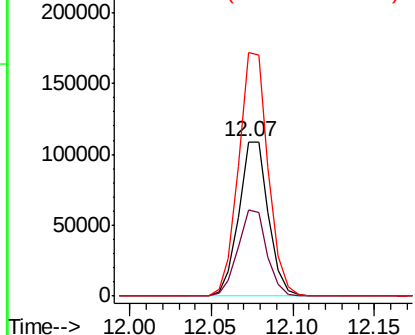


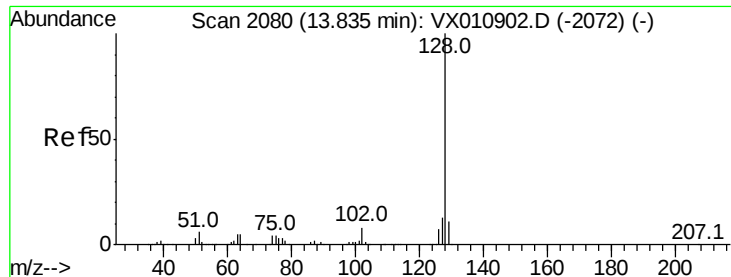
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011232.D
Acq: 31 Jul 2019 06:32

Tgt Ion:152 Resp: 137647
Ion Ratio Lower Upper
152 100
115 54.9 39.7 119.1
150 157.7 0.0 345.6



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: 1.367 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011232.D
 Acq: 31 Jul 2019 06:32

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-072919

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.4	15.6
129	12.5	8.9	13.3

