

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011233.D
 Acq On : 31 Jul 2019 06:55
 Operator : JC/SP
 Sample : K3622-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-A

Quant Time: Jul 31 10:01:21 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

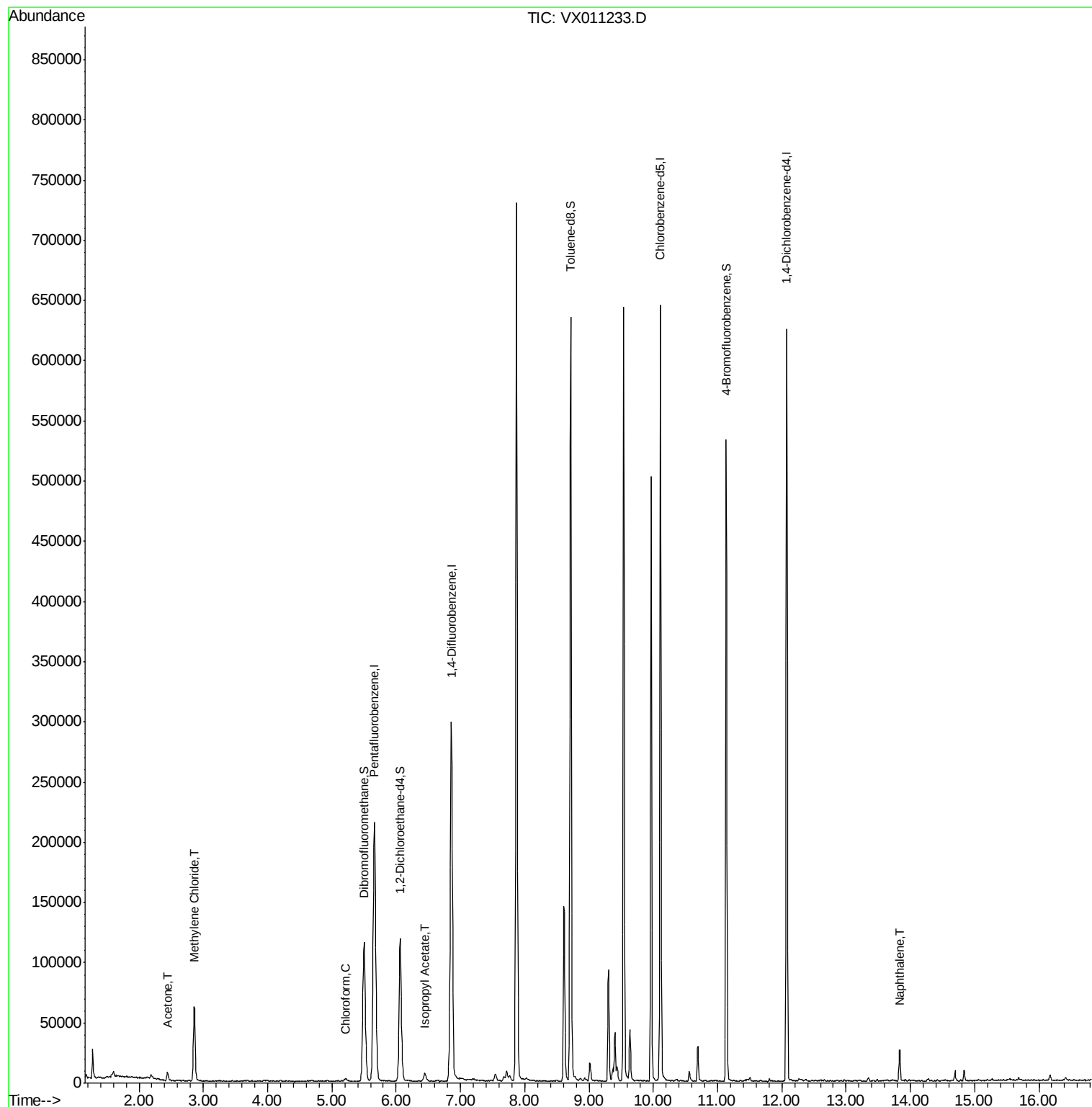
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108657	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
35) Dibromofluoromethane	5.50	113	94399	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	375129	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.13	95	125006	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	7295	6.936	ug/l	99
20) Methylene Chloride	2.85	84	30540	13.702	ug/l	99
30) Chloroform	5.21	83	2186	0.583	ug/l #	76
43) Isopropyl Acetate	6.45	43	9672	2.211	ug/l	98
95) Naphthalene	13.83	128	17213	1.957	ug/l #	97

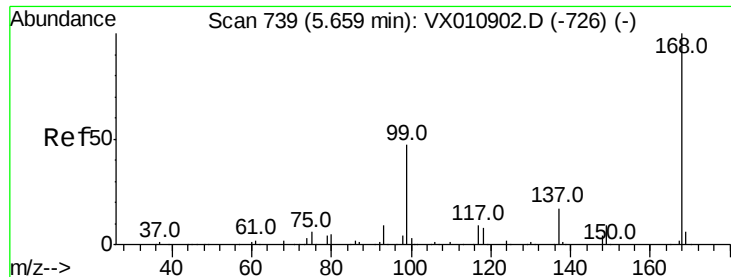
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
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: VX011233.D

Acq: 31 Jul 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

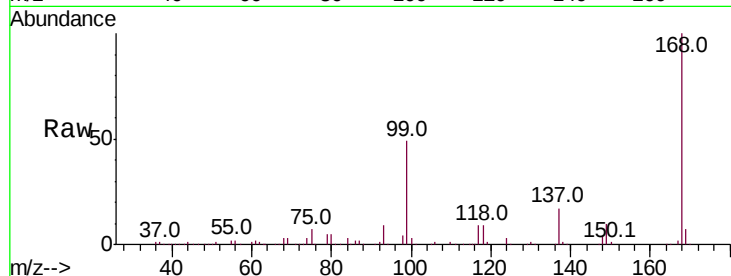
OR-03-072919-A

Tot Ion:168 Resp: 218887

Ion Ratio Lower Upper

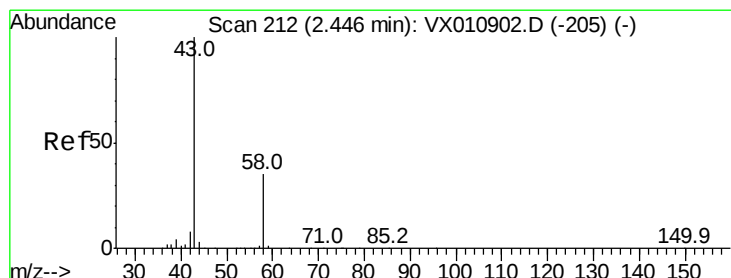
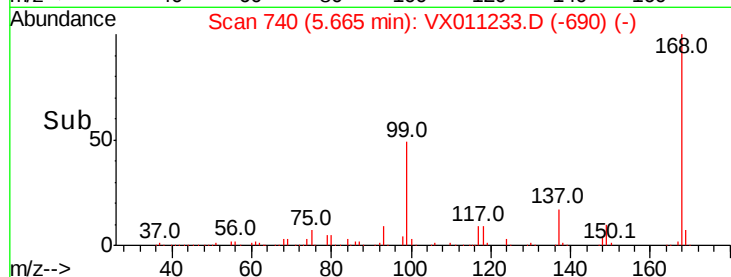
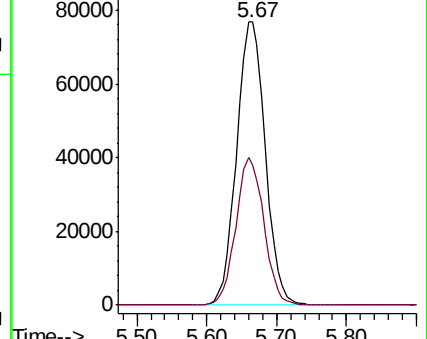
168 100

99 49.4 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: 6.936 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011233.D

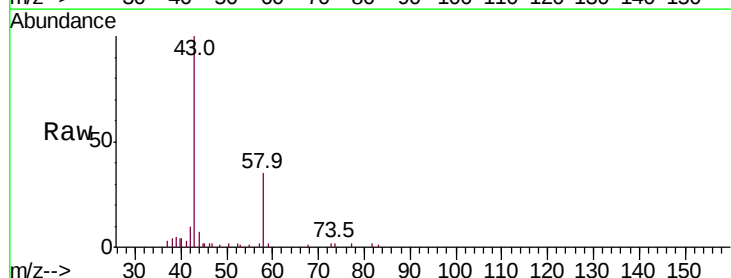
Acq: 31 Jul 2019 06:55

Tgt Ion: 43 Resp: 7295

Ion Ratio Lower Upper

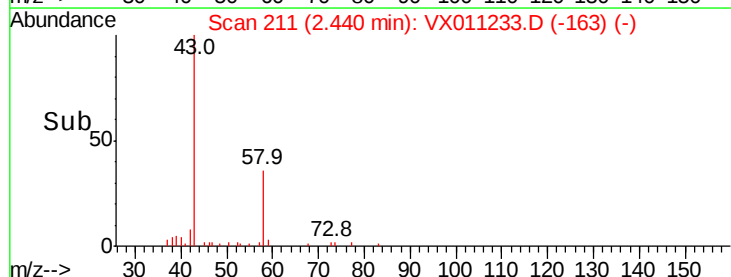
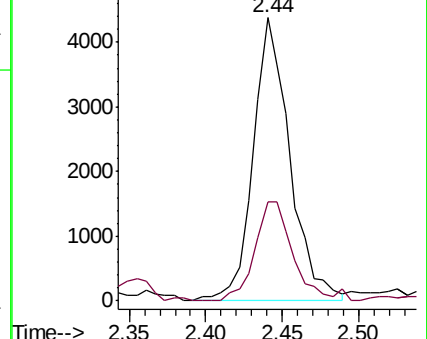
43 100

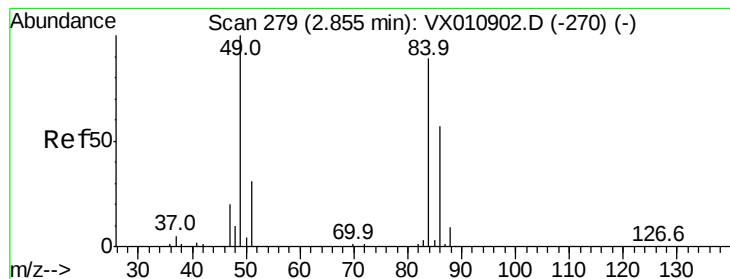
58 35.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 13.702 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX011233.D

Acq: 31 Jul 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-A

Tot Ion: 84 Resp: 30540

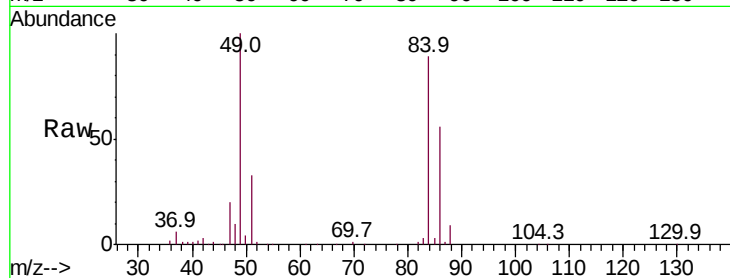
Ion Ratio Lower Upper

84 100

49 112.4 89.9 134.9

51 36.9 27.8 41.6

86 63.0 51.8 77.6

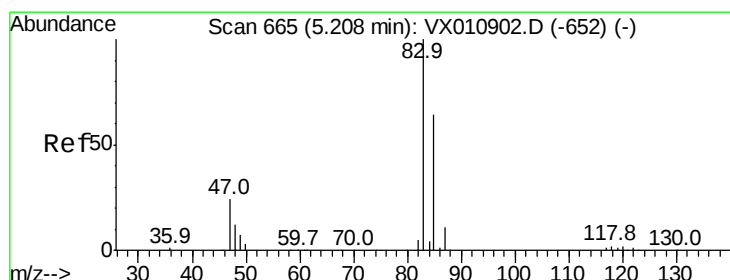
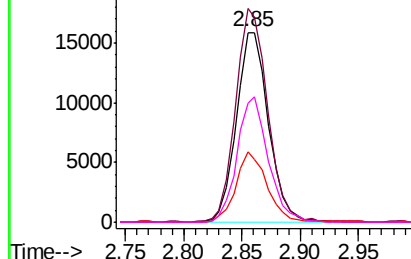
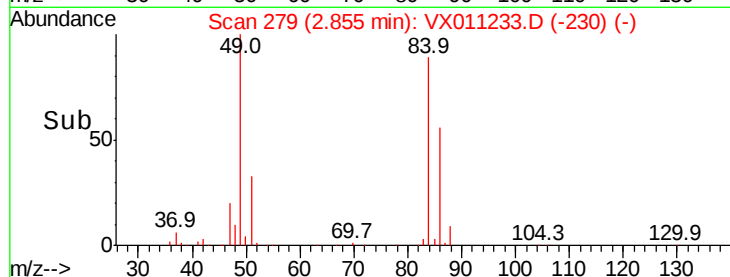


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.583 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011233.D

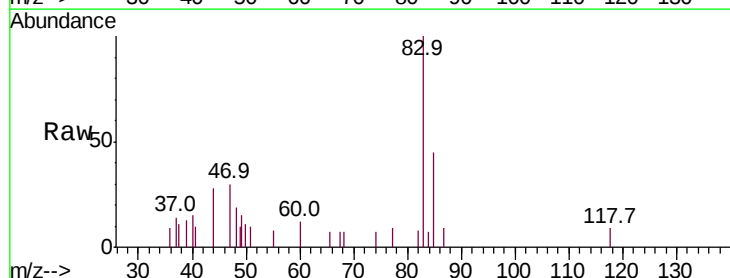
Acq: 31 Jul 2019 06:55

Tgt Ion: 83 Resp: 2186

Ion Ratio Lower Upper

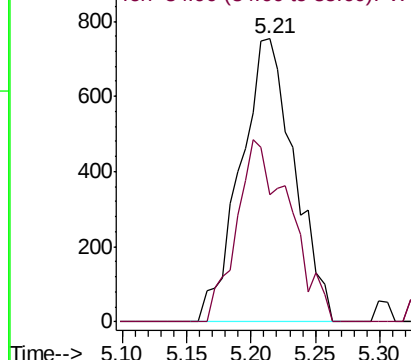
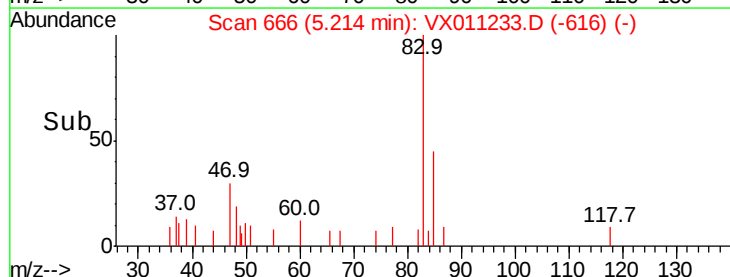
83 100

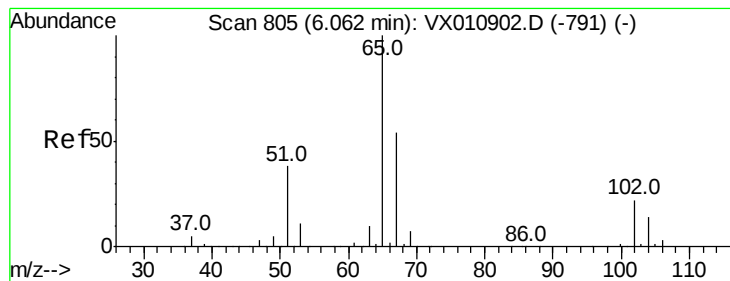
85 45.0 51.4 77.0#



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: 46.661 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011233.D

Acq: 31 Jul 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

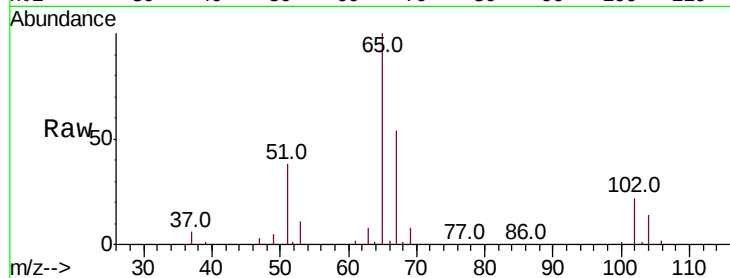
OR-03-072919-A

Tot Ion: 65 Resp: 108657

Ion Ratio Lower Upper

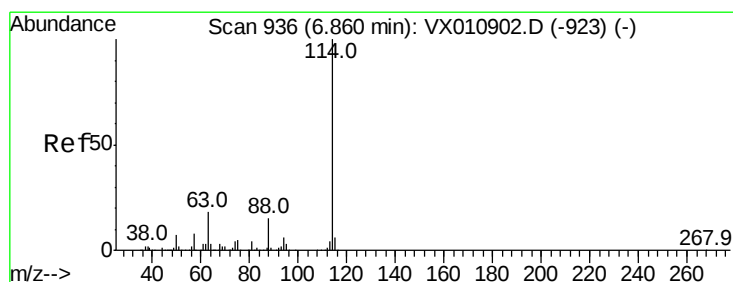
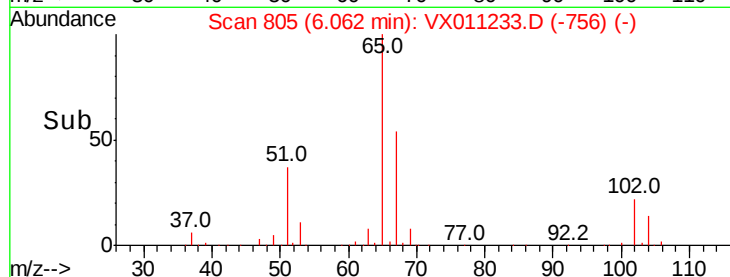
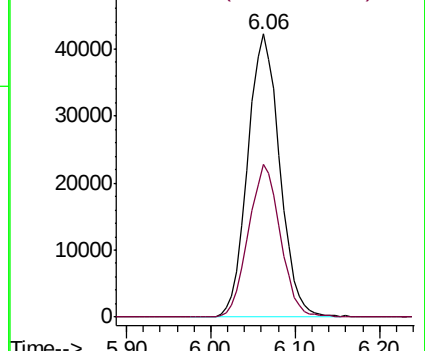
65 100

67 54.1 0.0 107.8



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: VX011233.D

Acq: 31 Jul 2019 06:55

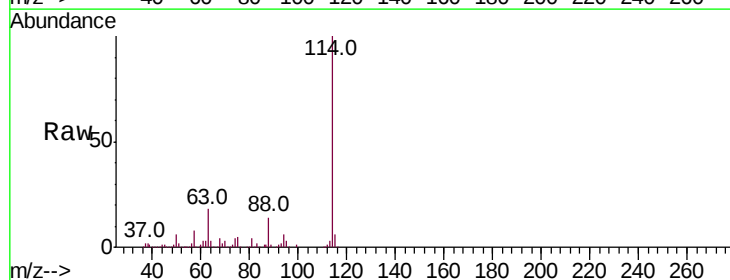
Tgt Ion:114 Resp: 316314

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

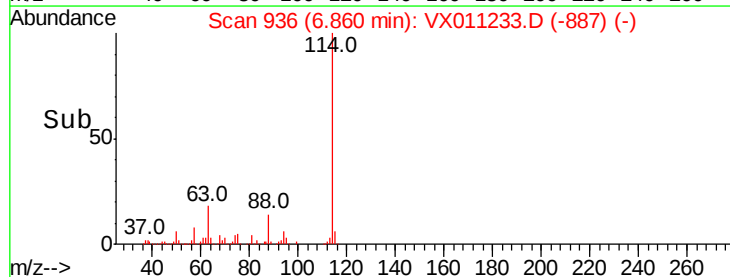
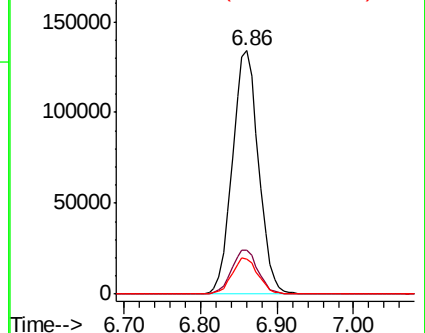
88 14.3 0.0 29.8

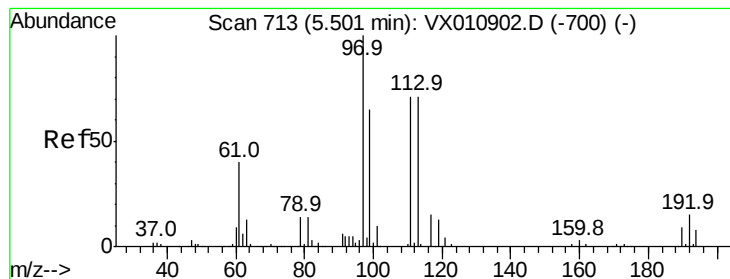


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.018 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011233.D

Acq: 31 Jul 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-A

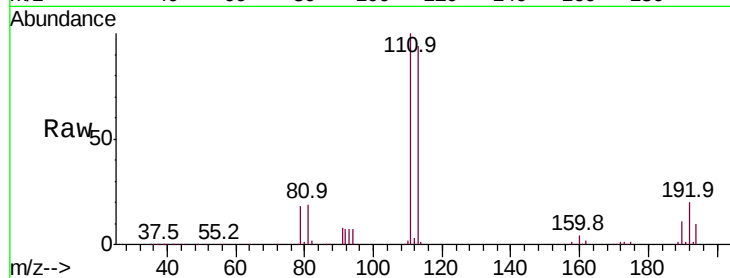
Tot Ion:113 Resp: 94399

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

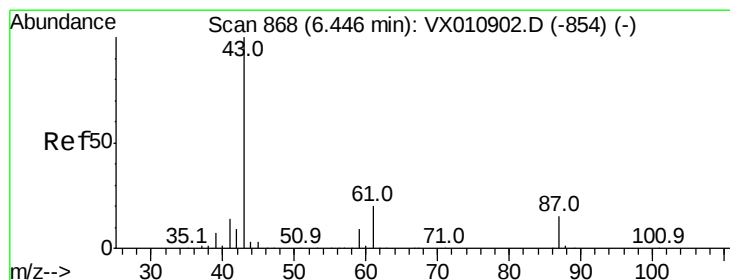
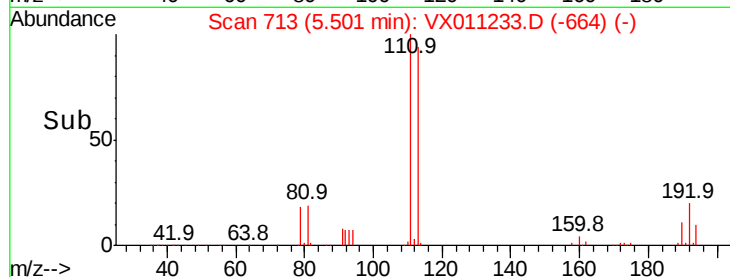
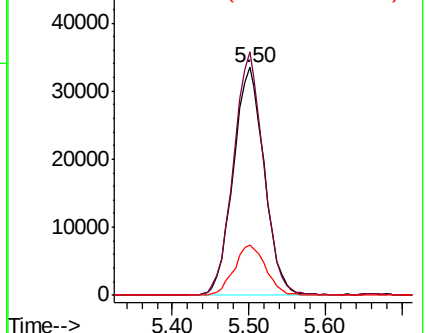
192 22.3 17.4 26.2



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: 2.211 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011233.D

Acq: 31 Jul 2019 06:55

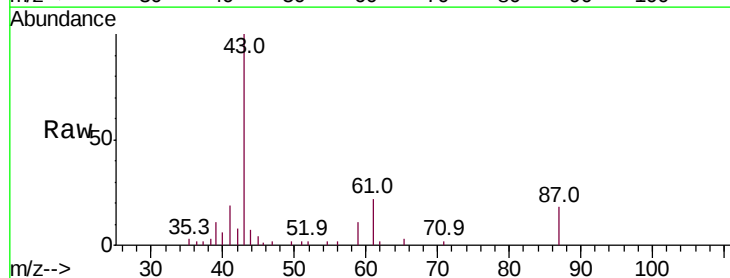
Tgt Ion: 43 Resp: 9672

Ion Ratio Lower Upper

43 100

61 22.3 17.1 25.7

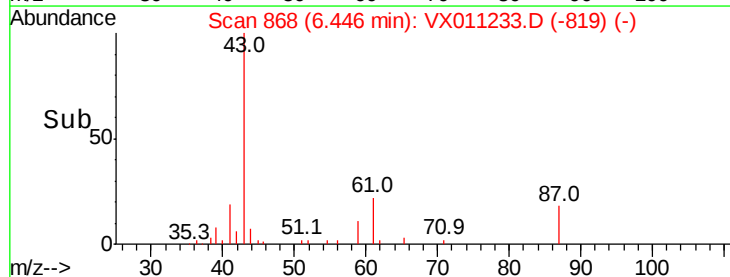
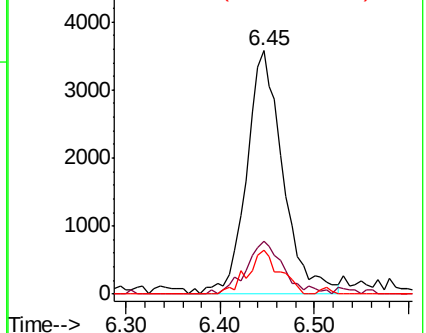
87 15.8 12.0 18.0

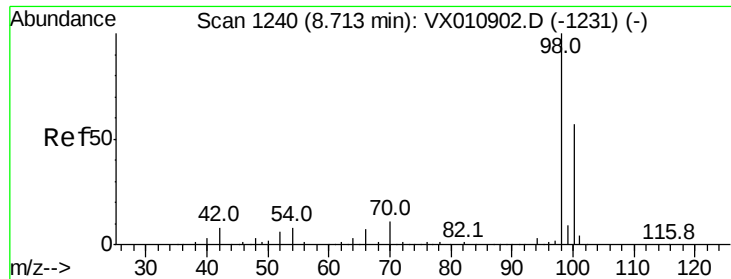


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

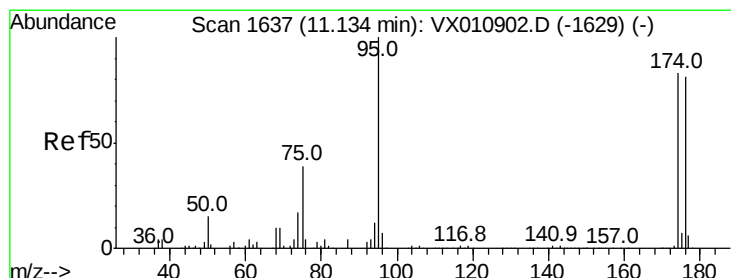
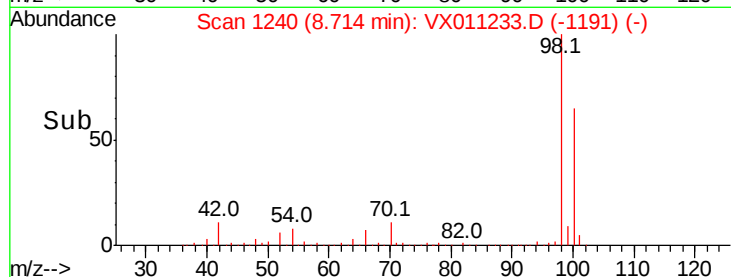
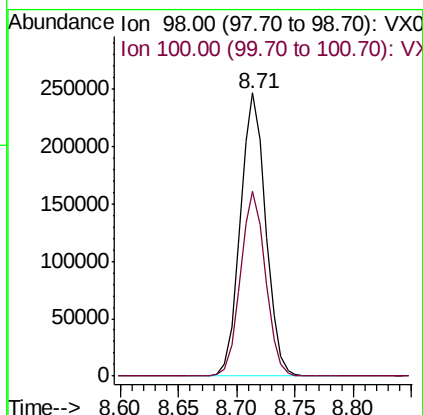
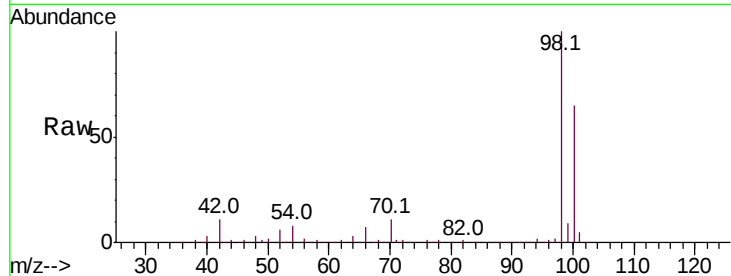




#50
Toluene-d8
Concen: 49.817 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

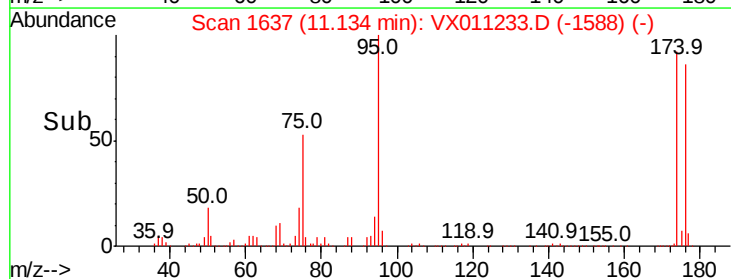
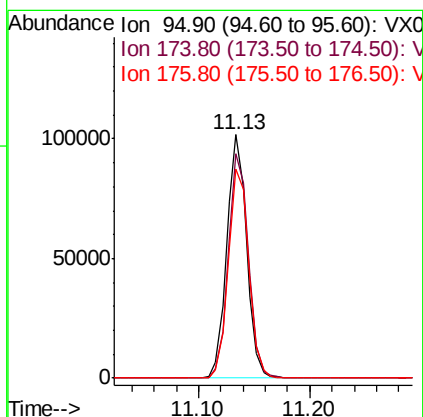
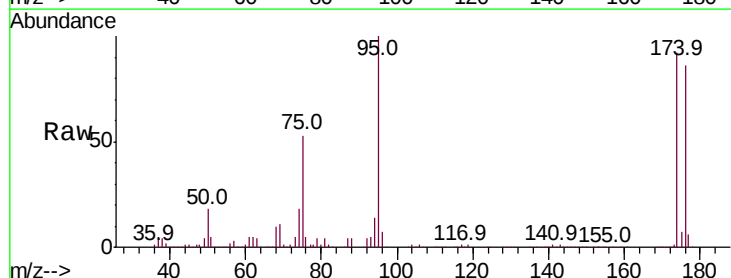
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

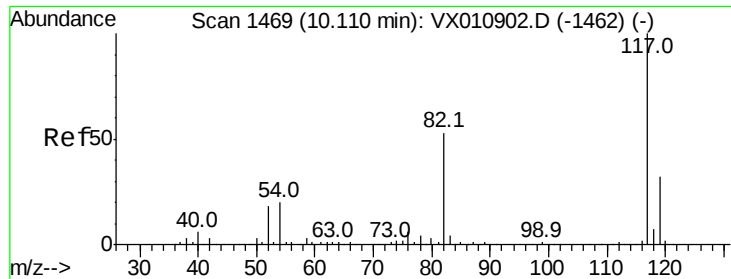
Tot Ion: 98 Resp: 375129
Ion Ratio Lower Upper
98 100
100 64.4 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 45.163 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion: 95 Resp: 125006
Ion Ratio Lower Upper
95 100
174 93.6 0.0 180.6
176 88.7 0.0 173.8

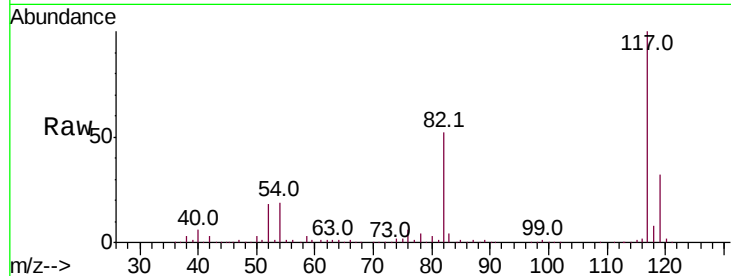




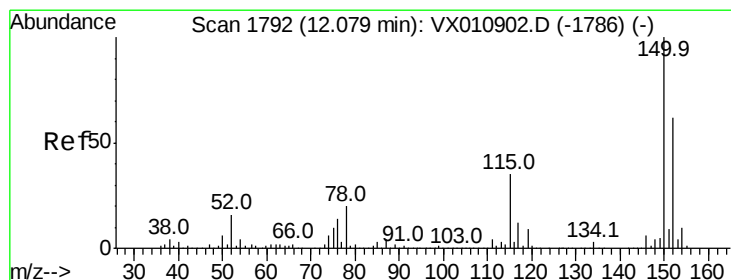
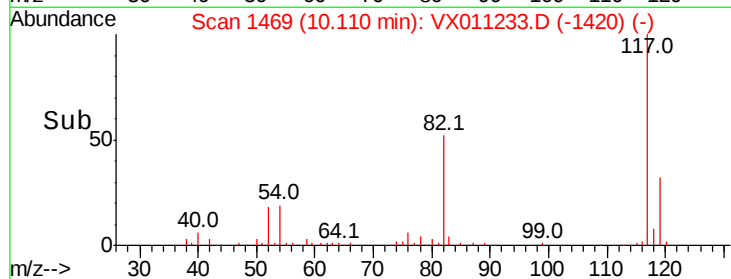
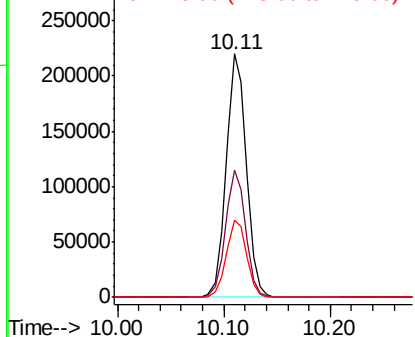
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tot Ion:117 Resp: 291731
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 31.9 25.9 38.9

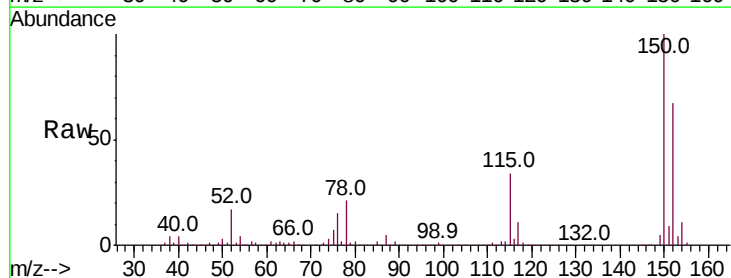


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

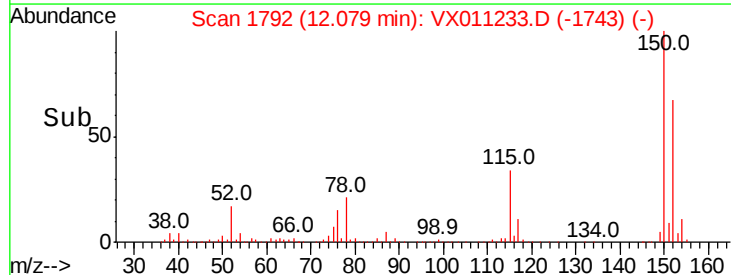
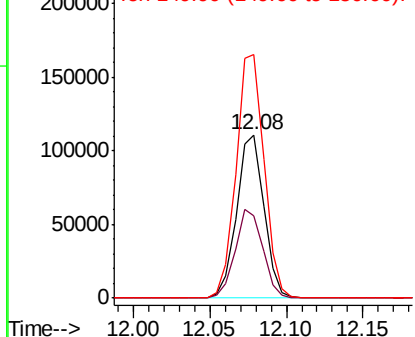


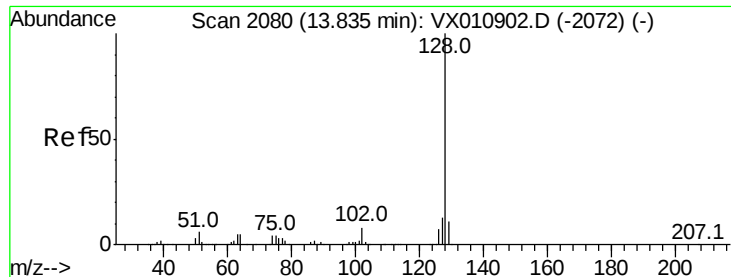
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Tgt Ion:152 Resp: 137093
Ion Ratio Lower Upper
152 100
115 54.7 39.7 119.1
150 152.8 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: 1.957 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011233.D
Acq: 31 Jul 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	8.9	8.9	13.3

