

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010572.D
 Acq On : 29 Jun 2019 06:35
 Operator : JC/SP
 Sample : K3158-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-02-062719

Quant Time: Jul 01 03:59:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

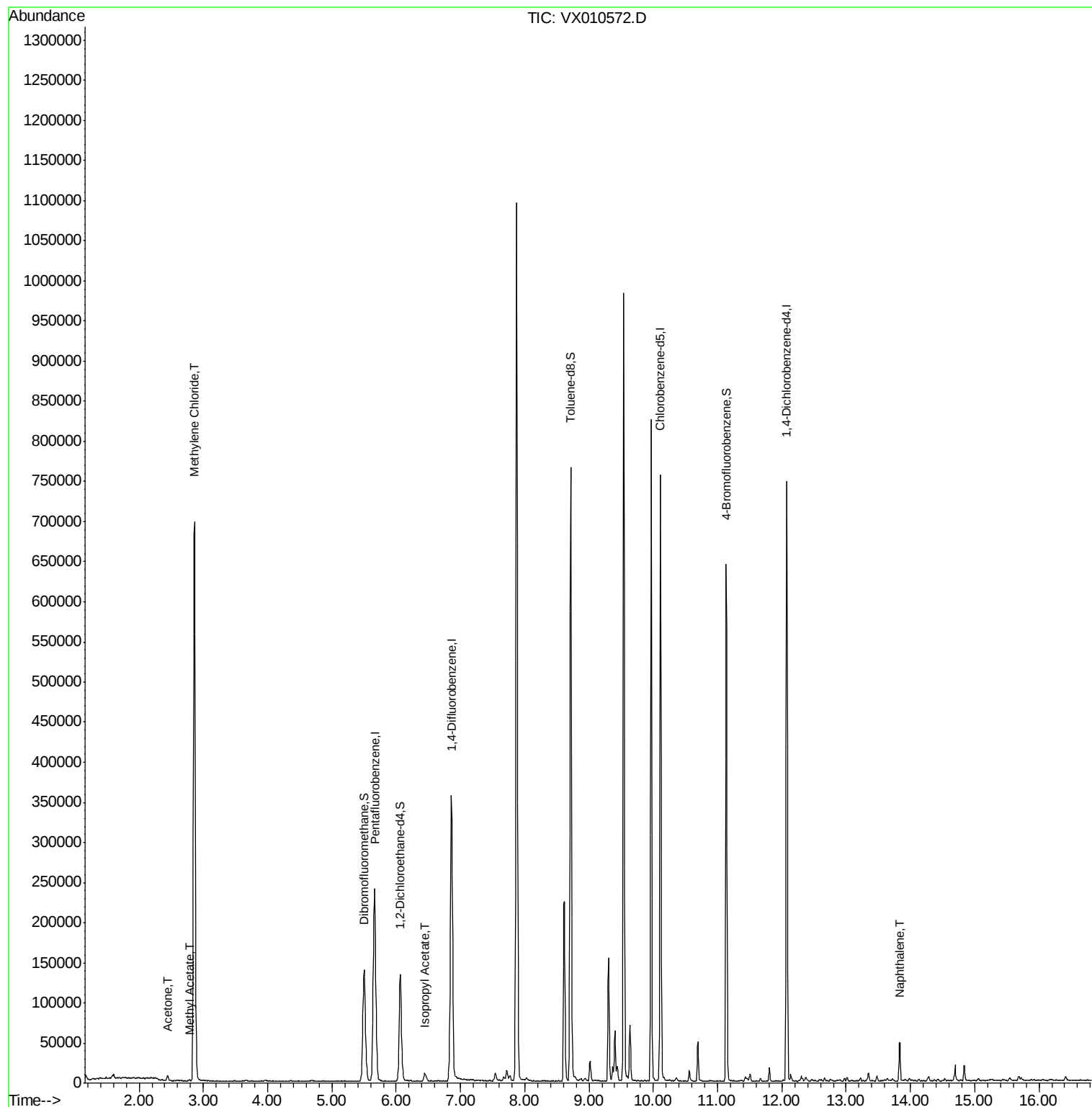
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120763	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	5.50	113	116328	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	466061	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.13	95	157952	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
16) Acetone	2.45	43	7022	6.053	ug/l	97
18) Methyl Acetate	2.78	43	1963	0.849	ug/l	92
20) Methylene Chloride	2.86	84	355308	148.822	ug/l	97
43) Isopropyl Acetate	6.45	43	13959	2.673	ug/l	97
95) Naphthalene	13.83	128	31188	2.666	ug/l	98

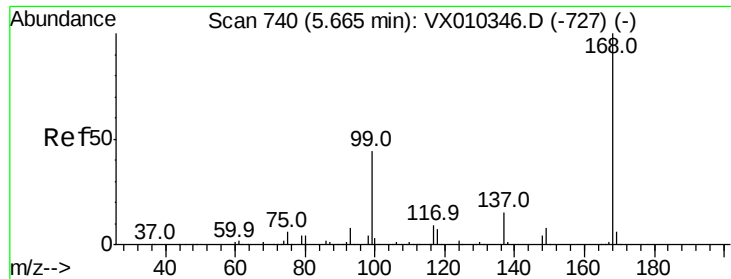
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX010572.D

Acq: 29 Jun 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

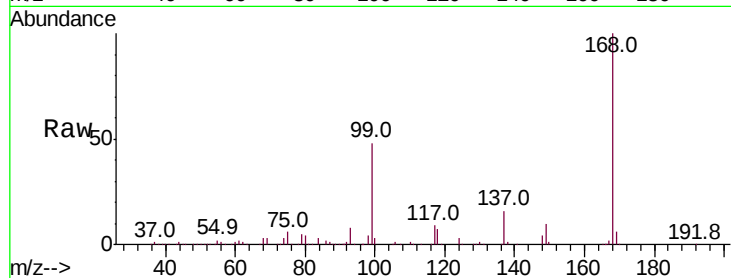
OK-02-062719

Tot Ion:168 Resp: 246890

Ion Ratio Lower Upper

168 100

99 47.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

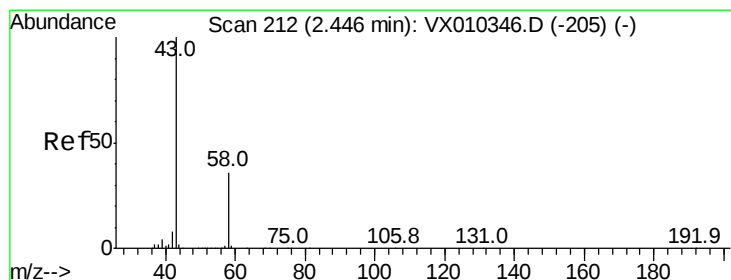
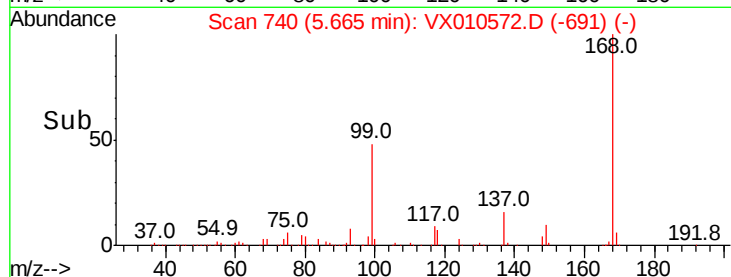
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.053 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010572.D

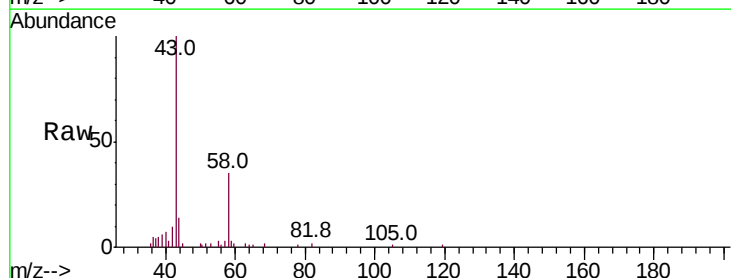
Acq: 29 Jun 2019 06:35

Tgt Ion: 43 Resp: 7022

Ion Ratio Lower Upper

43 100

58 34.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

3000

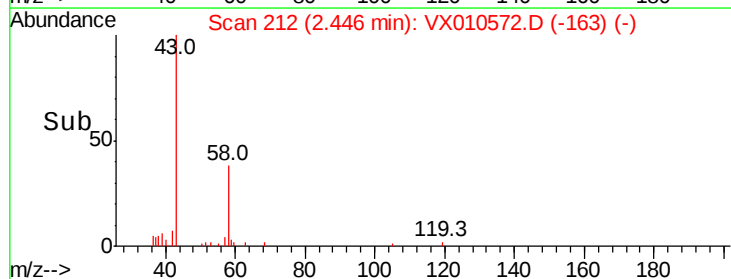
2000

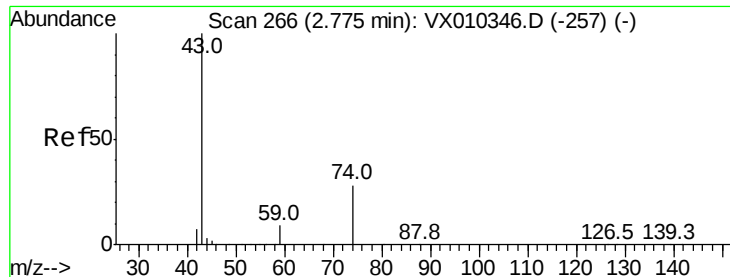
1000

0

Time-->

2.35 2.40 2.45 2.50

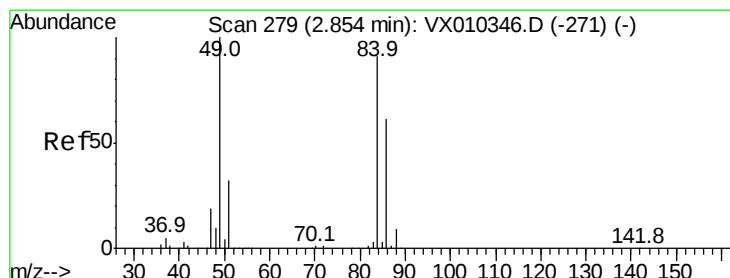
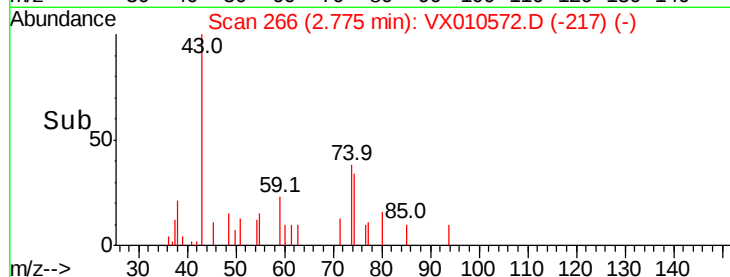
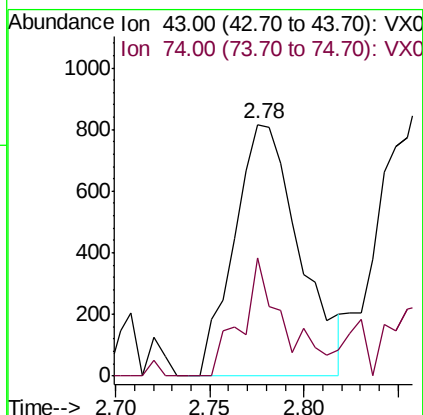
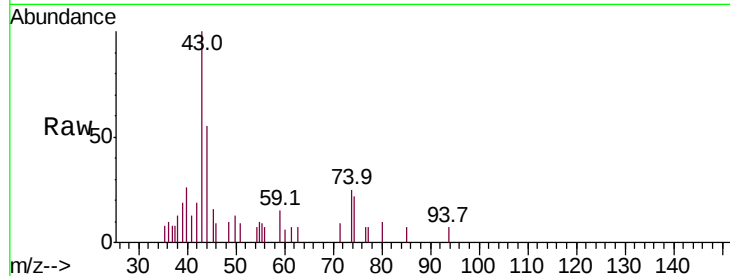




#18
Methyl Acetate
Concen: 0.849 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010572.D
Acq: 29 Jun 2019 06:35

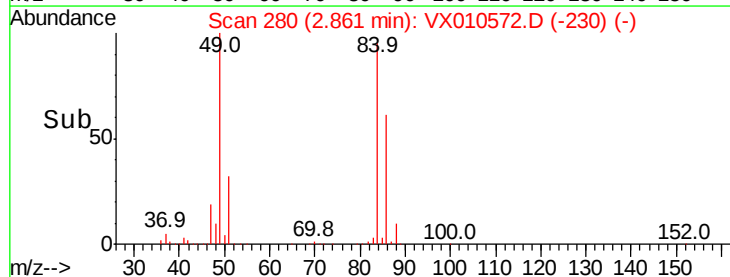
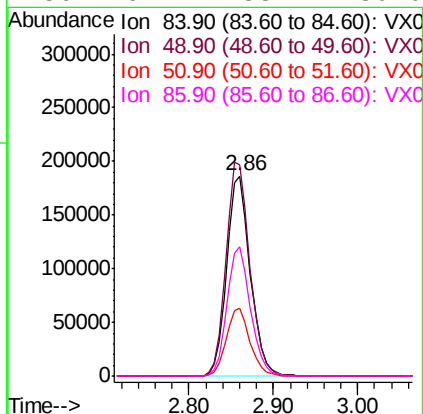
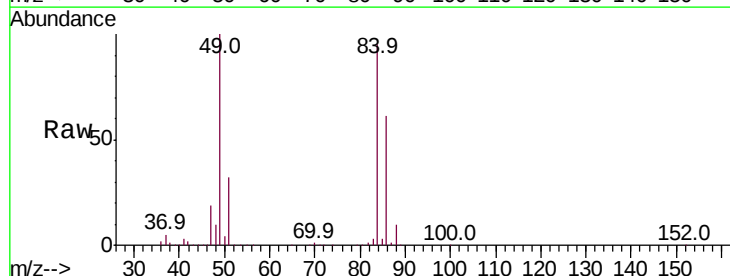
Instrument :
MSVOA_X
ClientSampled :
OK-02-062719

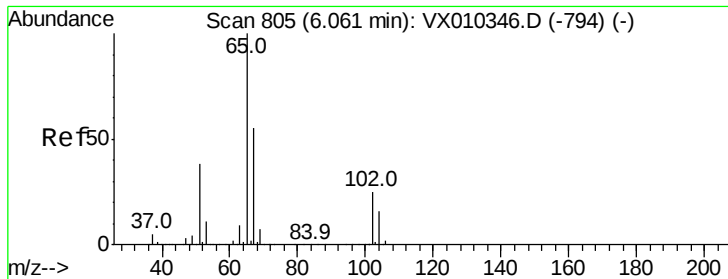
Tot Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
74 30.7 21.3 31.9



#20
Methylene Chloride
Concen: 148.822 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010572.D
Acq: 29 Jun 2019 06:35

Tgt Ion: 84 Resp: 355308
Ion Ratio Lower Upper
84 100
49 105.5 87.5 131.3
51 33.5 27.7 41.5
86 64.7 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 52.169 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

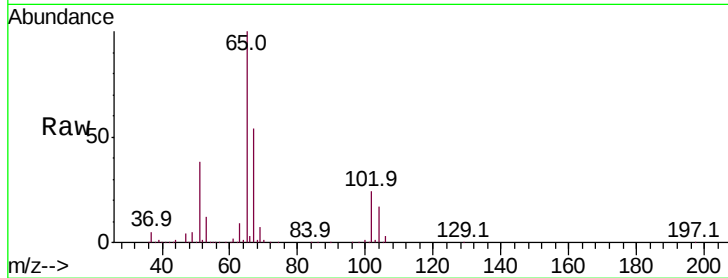
OK-02-062719

Tot Ion: 65 Resp: 120763

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

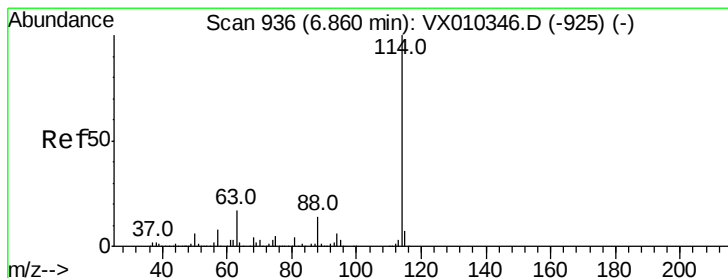
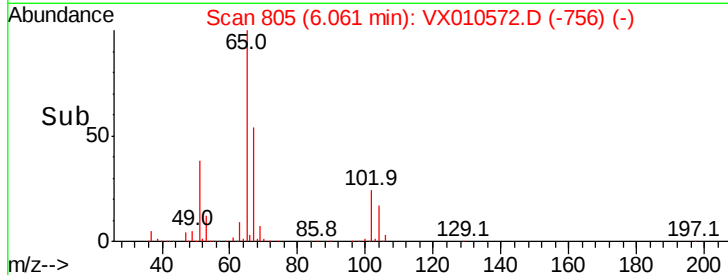
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

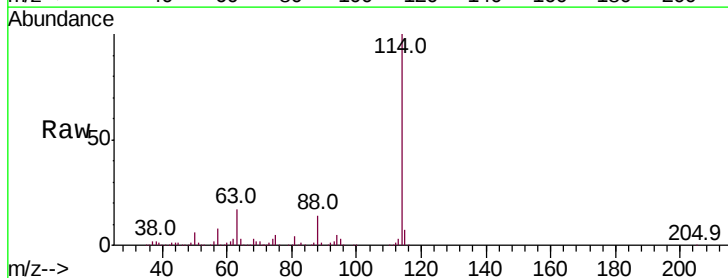
Tgt Ion:114 Resp: 386130

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

88 13.8 0.0 27.6



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

6.86

200000

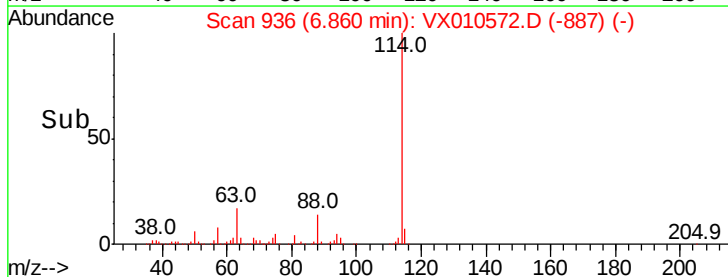
150000

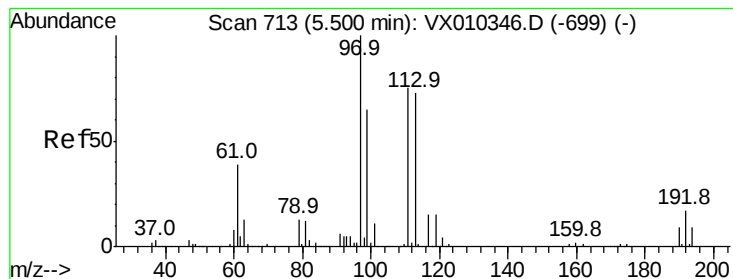
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.240 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

OK-02-062719

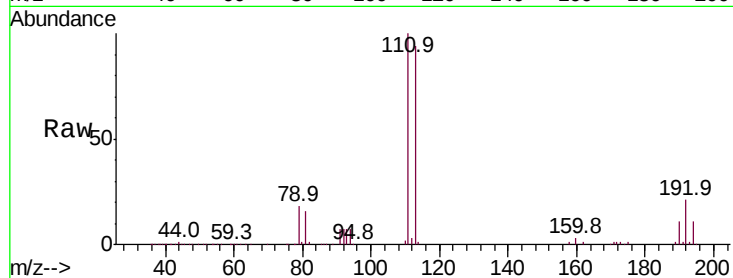
Tot Ion:113 Resp: 116328

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

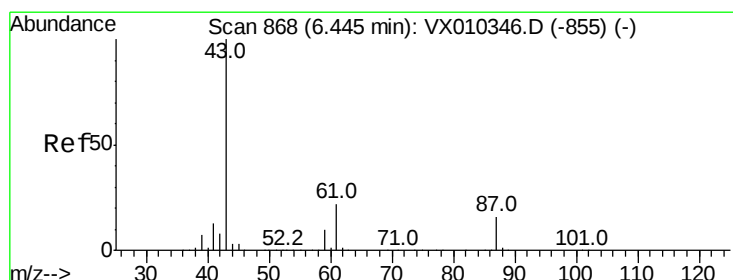
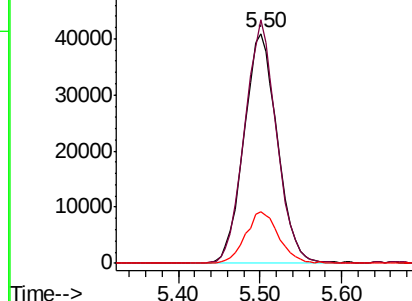
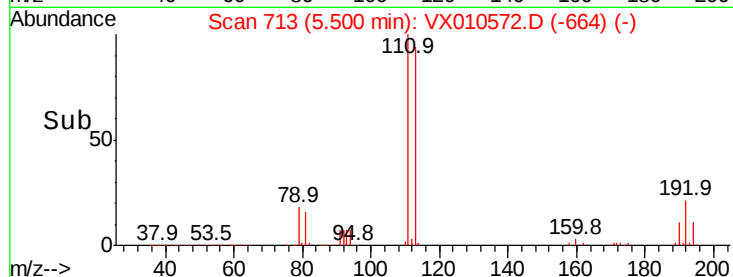
192 22.4 18.6 27.8



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: 2.673 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

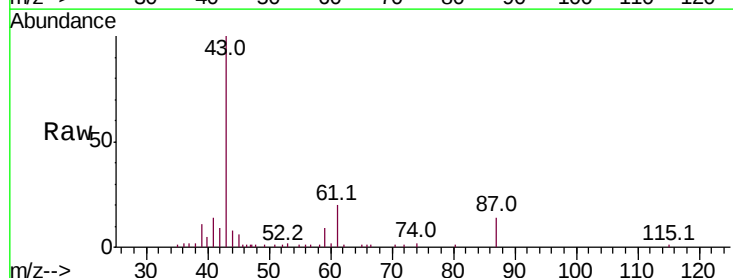
Tgt Ion: 43 Resp: 13959

Ion Ratio Lower Upper

43 100

61 23.7 17.8 26.6

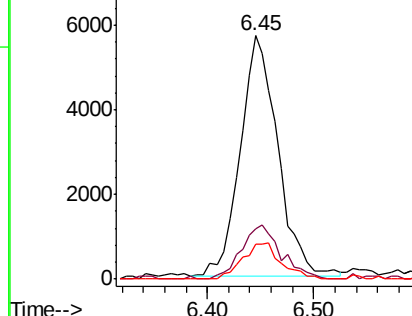
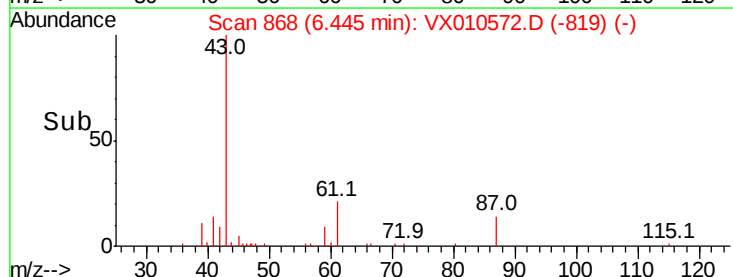
87 15.3 13.0 19.4

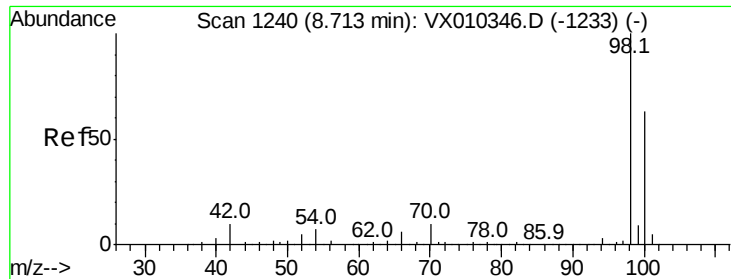


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.565 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

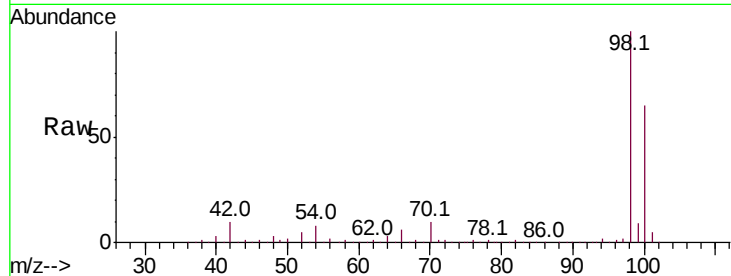
OK-02-062719

Tot Ion: 98 Resp: 466061

Ion Ratio Lower Upper

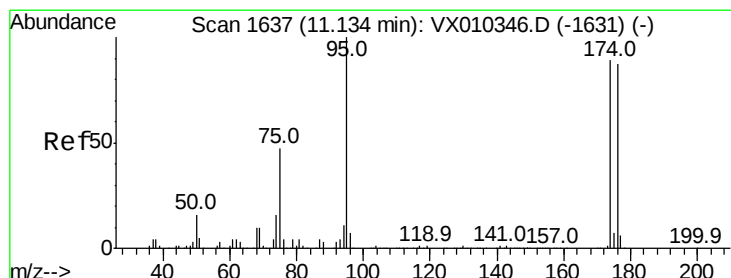
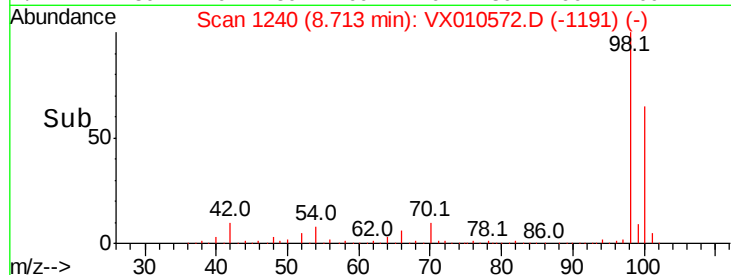
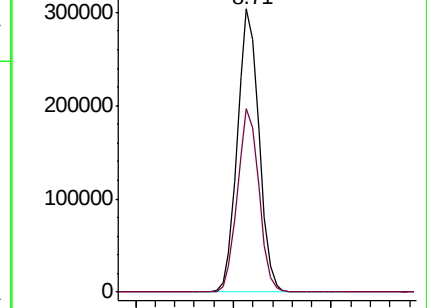
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.405 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

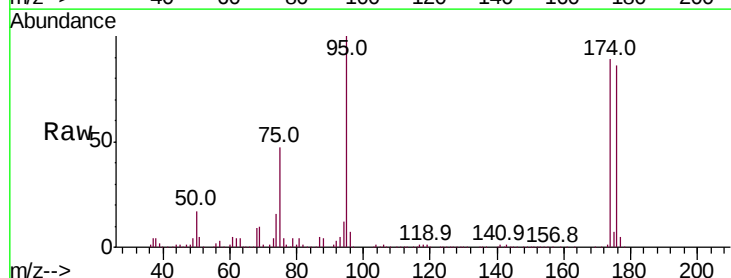
Tgt Ion: 95 Resp: 157952

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.6

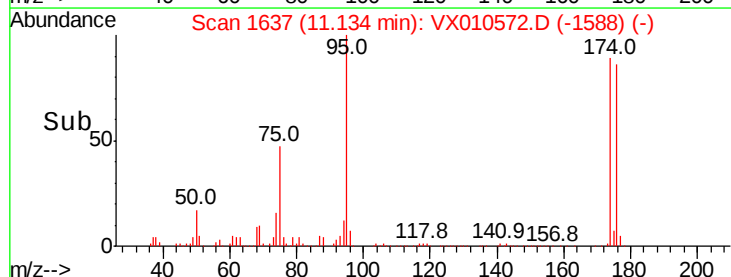
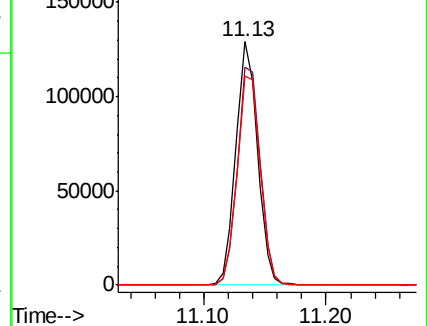
176 91.0 0.0 184.0

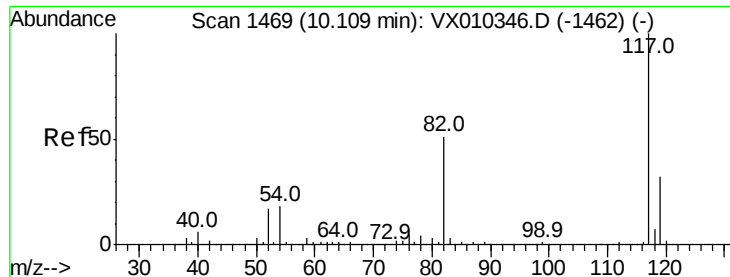


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

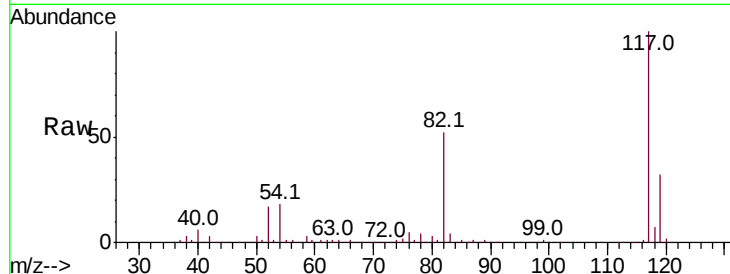




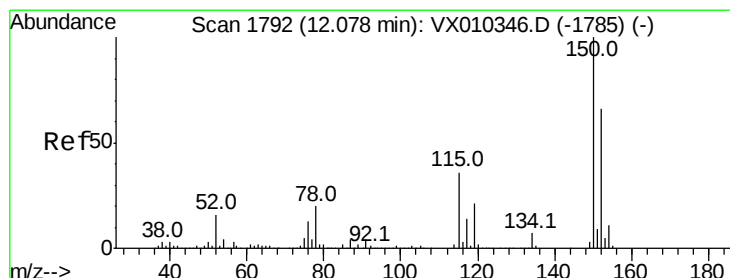
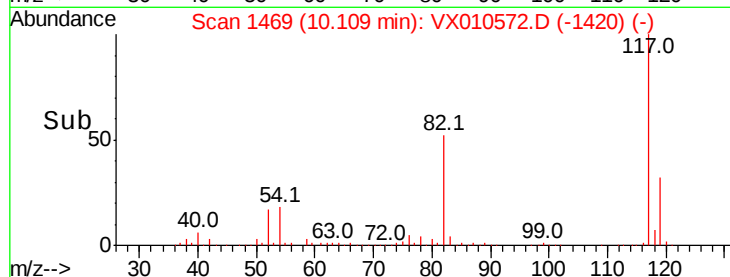
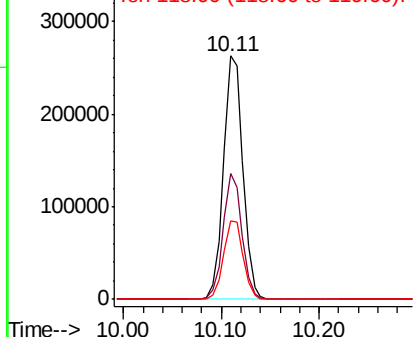
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010572.D
Acq: 29 Jun 2019 06:35

Instrument :
MSVOA_X
ClientSampleId :
OK-02-062719

Tot Ion:117 Resp: 360561
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.4 25.5 38.3

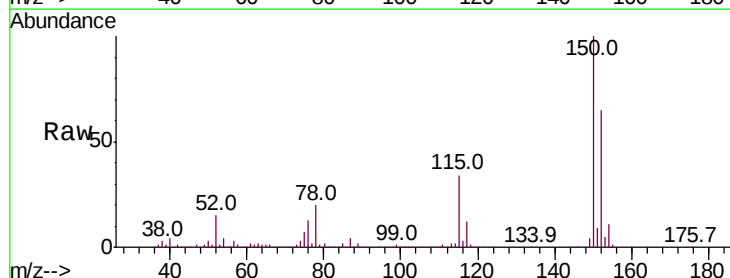


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

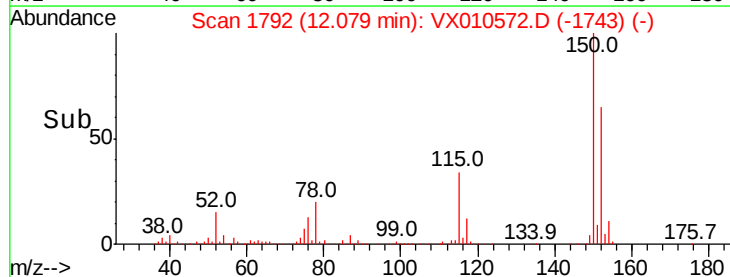
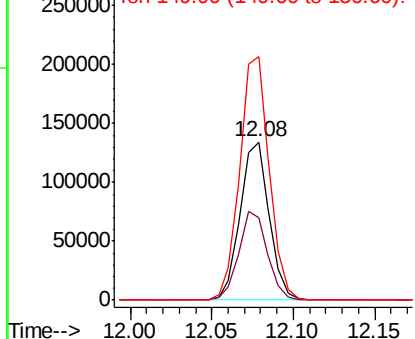


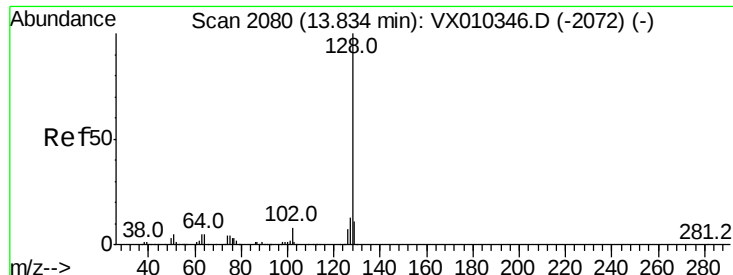
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010572.D
Acq: 29 Jun 2019 06:35

Tgt Ion:152 Resp: 167194
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 155.8 0.0 347.4



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: 2.666 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010572.D

Acq: 29 Jun 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

OK-02-062719

Tot Ion:128 Resp: 31188

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 11.3 8.9 13.3

