

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010517.D
 Acq On : 28 Jun 2019 04:10
 Operator : JC/SP
 Sample : K3157-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-062619-D

Quant Time: Jun 28 08:18:57 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	259721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166713	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120537	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
35) Dibromofluoromethane	5.50	113	119689	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	469177	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	155250	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

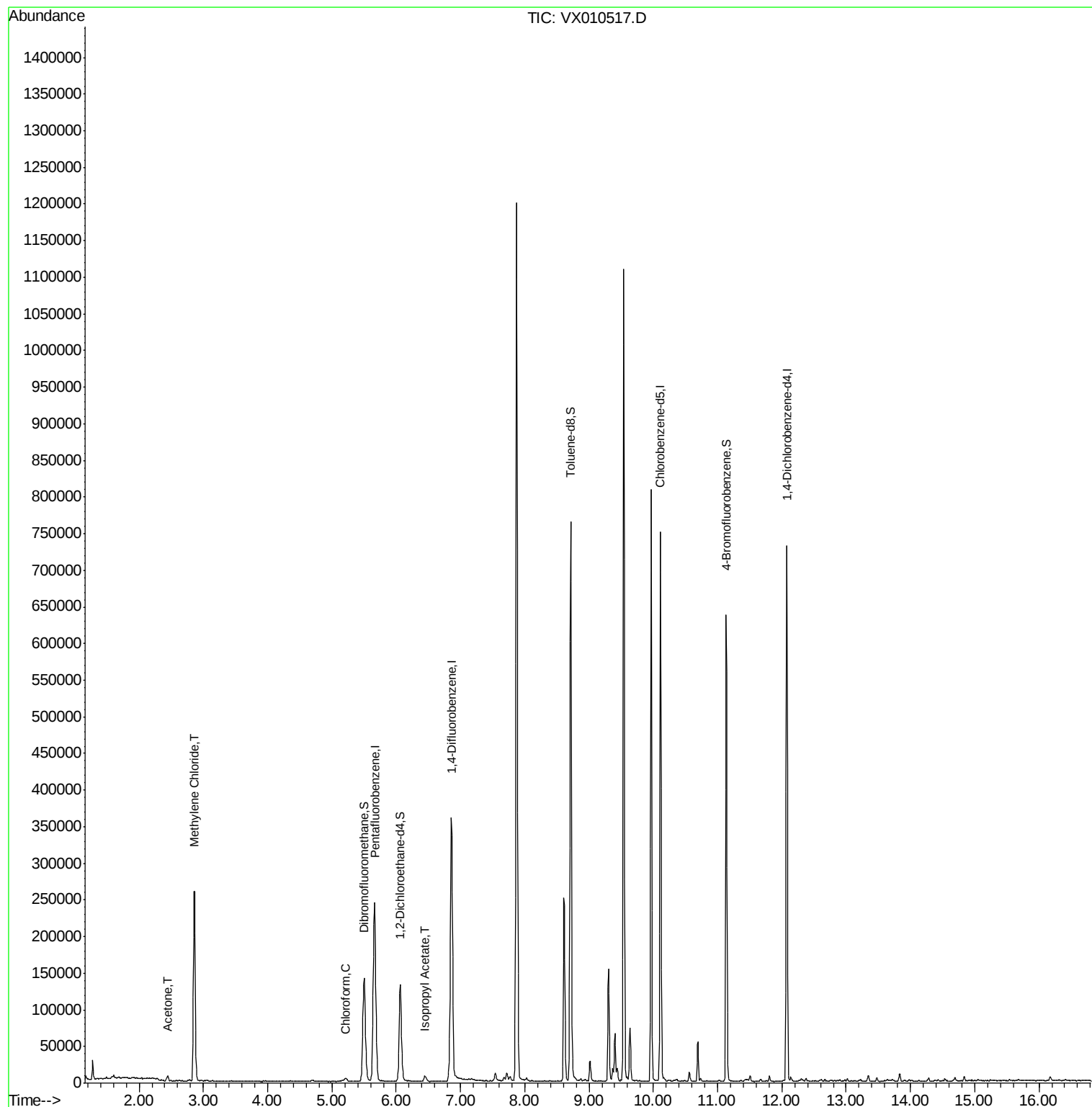
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7851	6.433	ug/l	97
20) Methylene Chloride	2.85	84	134470	53.541	ug/l	94
30) Chloroform	5.21	83	4764	1.146	ug/l	95
43) Isopropyl Acetate	6.45	43	10307	1.922	ug/l	97

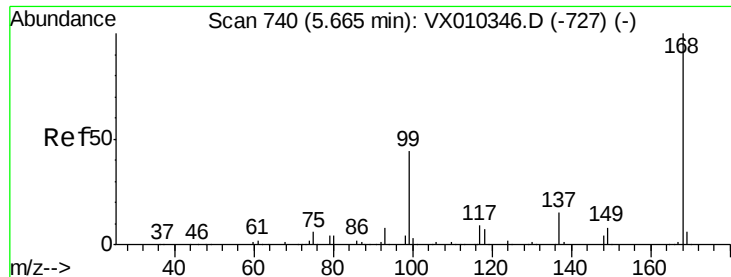
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010517.D

Acq: 28 Jun 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

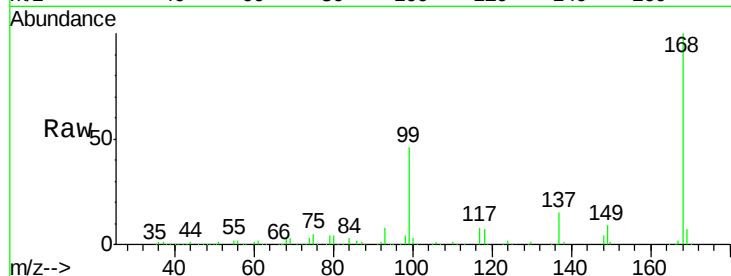
CL-02-062619-D

Tot Ion:168 Resp: 259721

Ion Ratio Lower Upper

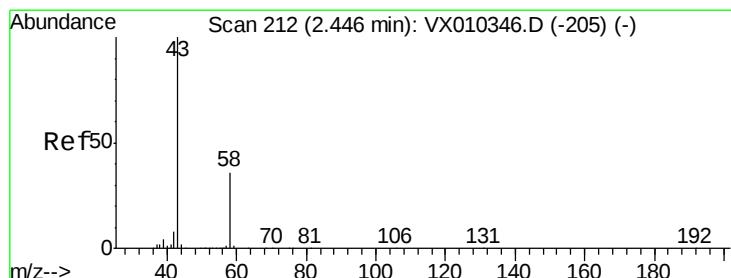
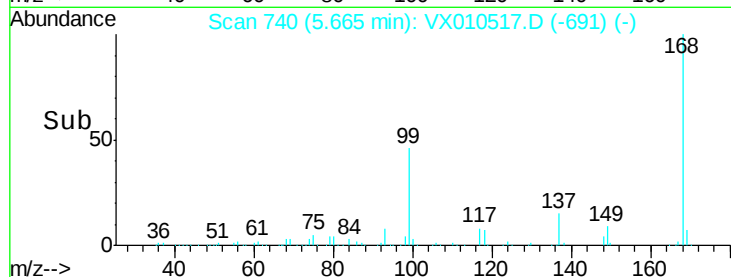
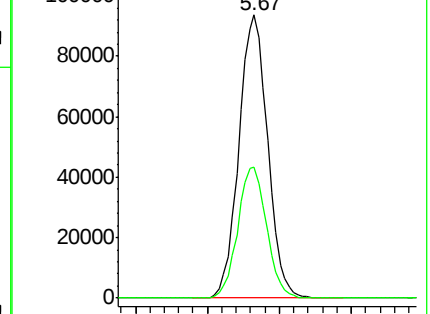
168 100

99 46.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.433 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010517.D

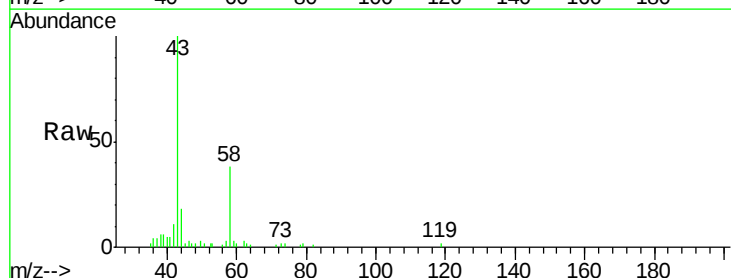
Acq: 28 Jun 2019 04:10

Tgt Ion: 43 Resp: 7851

Ion Ratio Lower Upper

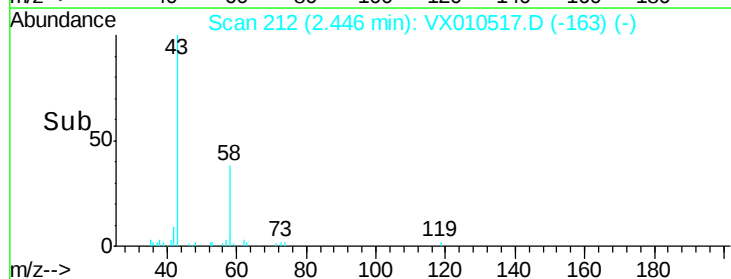
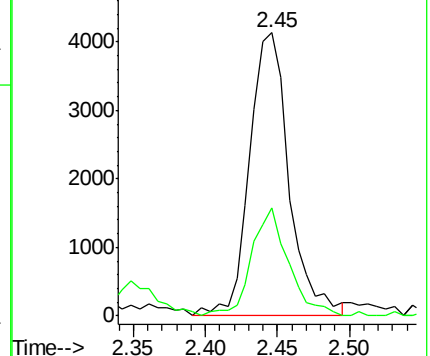
43 100

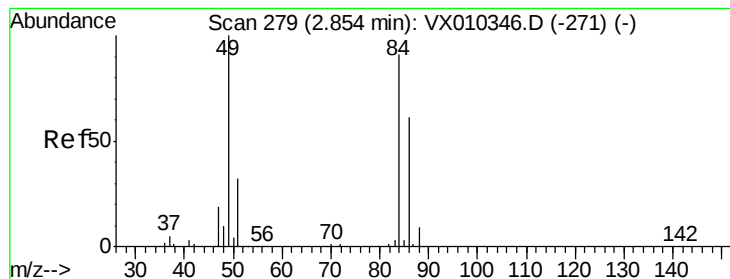
58 38.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 53.541 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

CL-02-062619-D

Tot Ion: 84 Resp: 134470

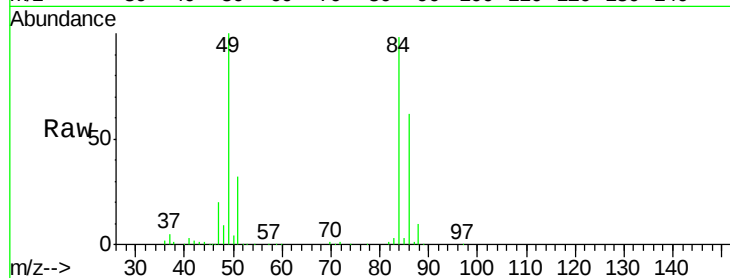
Ion Ratio Lower Upper

84 100

49 102.2 87.5 131.3

51 32.8 27.7 41.5

86 62.9 53.4 80.0

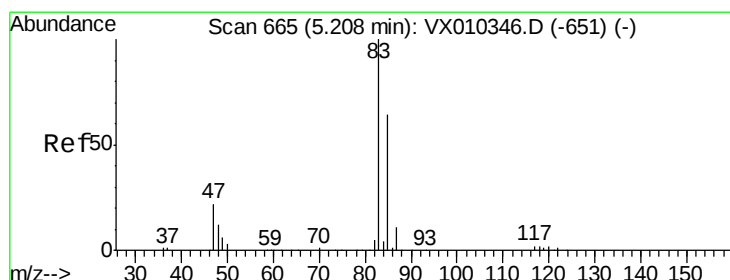
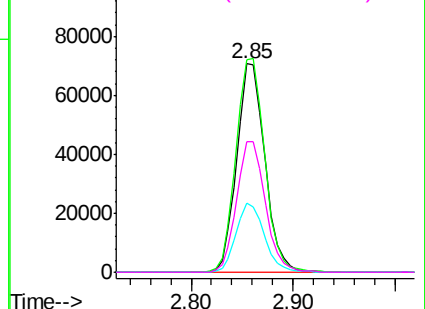
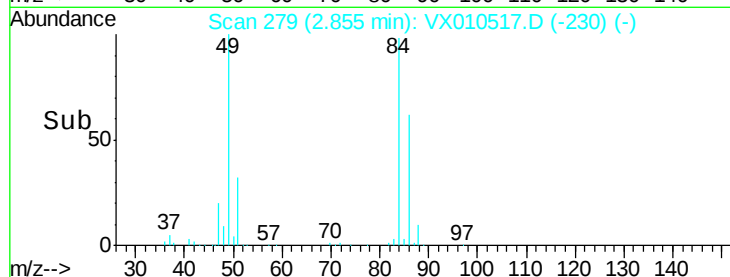


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#30

Chloroform

Concen: 1.146 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010517.D

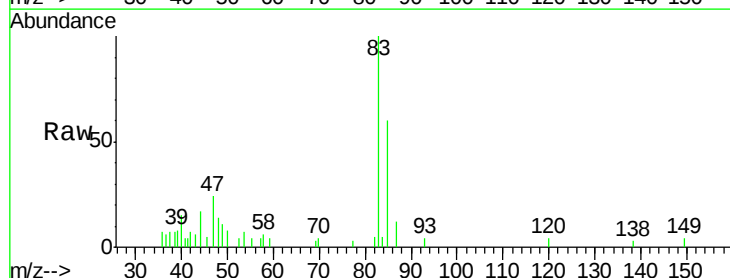
Acq: 28 Jun 2019 04:10

Tgt Ion: 83 Resp: 4764

Ion Ratio Lower Upper

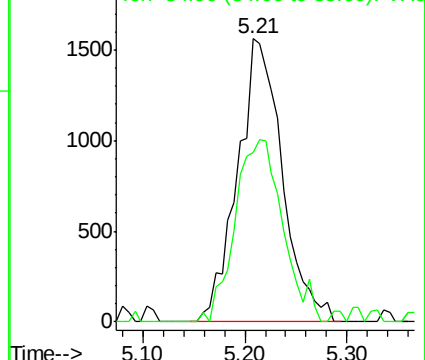
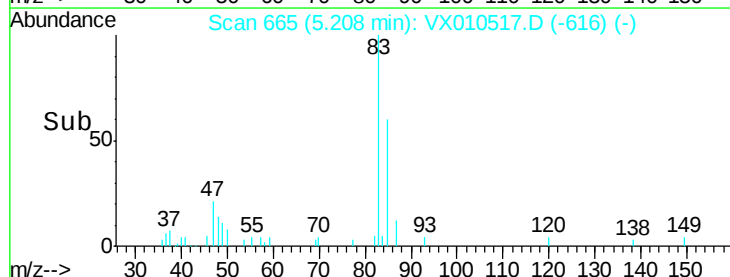
83 100

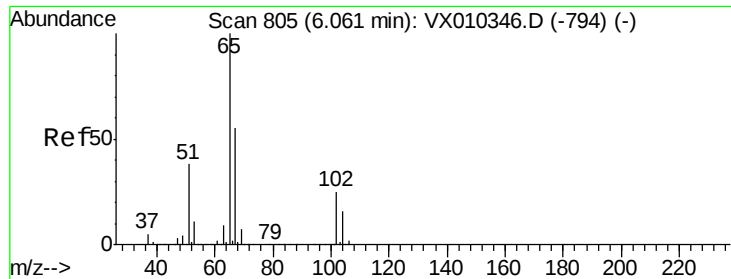
85 59.7 50.9 76.3



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: 49.499 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

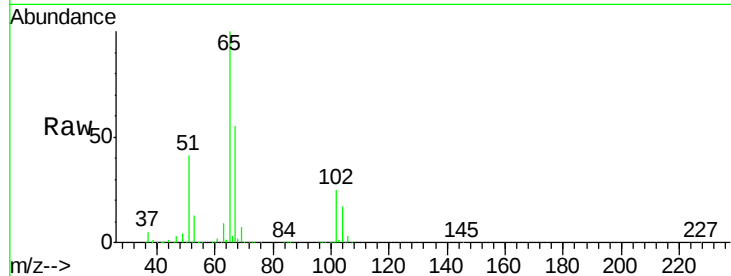
CL-02-062619-D

Tot Ion: 65 Resp: 120537

Ion Ratio Lower Upper

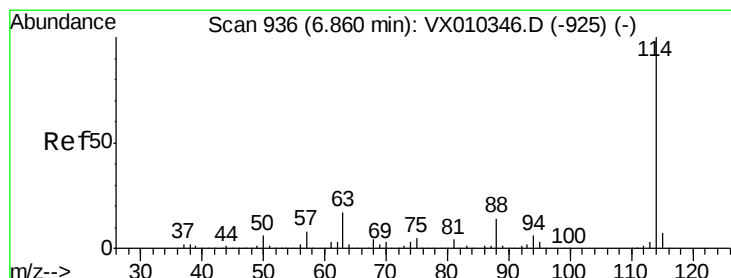
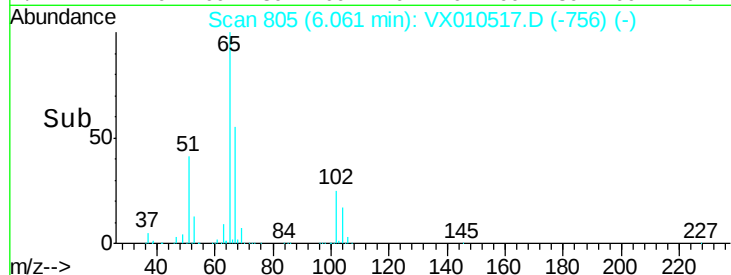
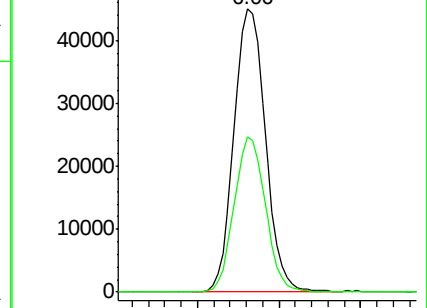
65 100

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

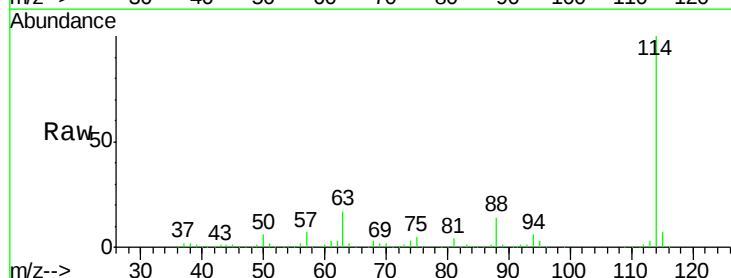
Tgt Ion: 114 Resp: 396504

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

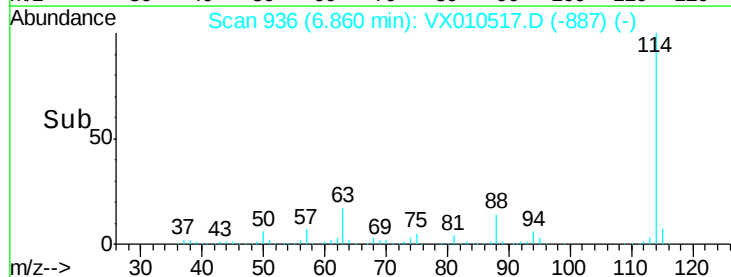
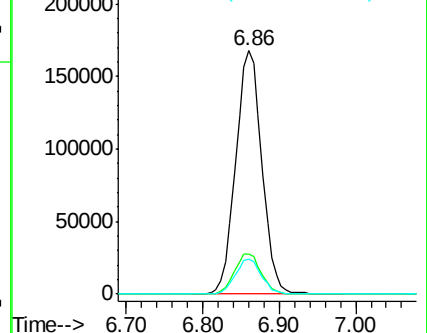
88 14.3 0.0 27.6

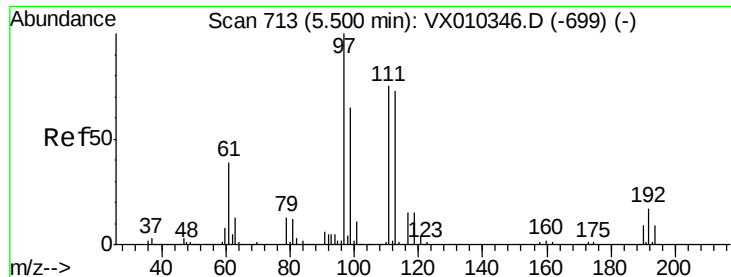


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.337 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

CL-02-062619-D

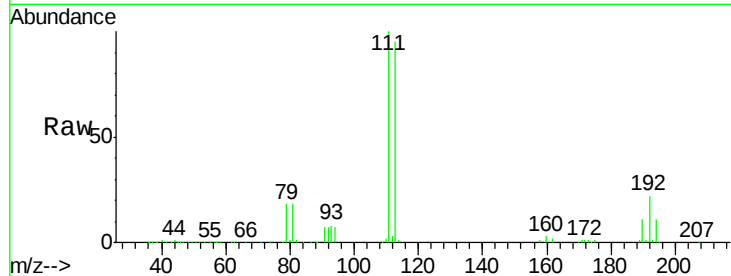
Tot Ion:113 Resp: 119689

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

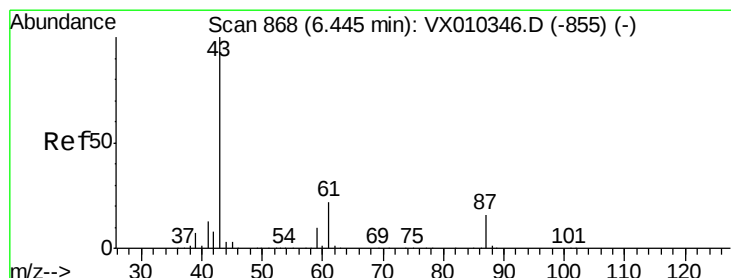
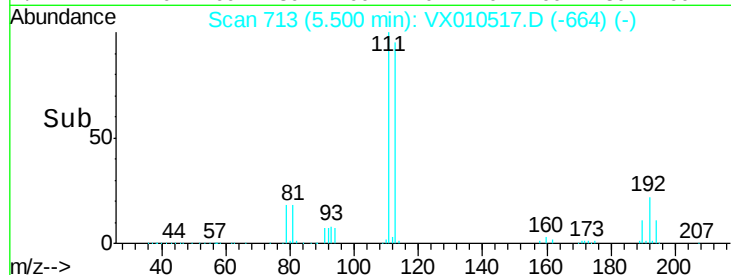
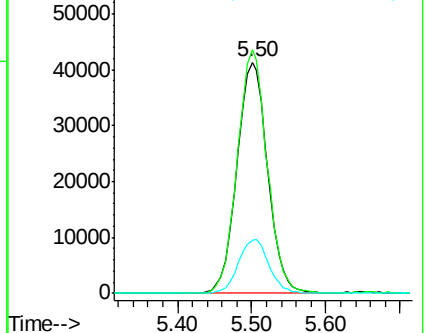
192 23.3 18.6 27.8



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: 1.922 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

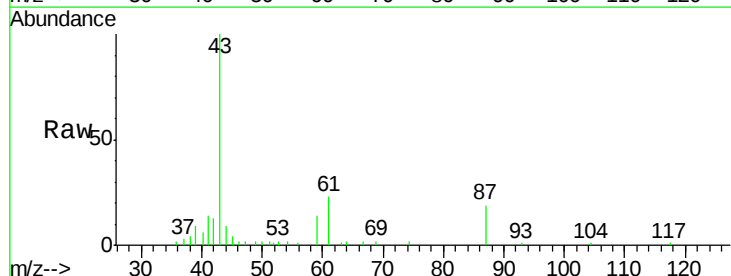
Tgt Ion: 43 Resp: 10307

Ion Ratio Lower Upper

43 100

61 24.0 17.8 26.6

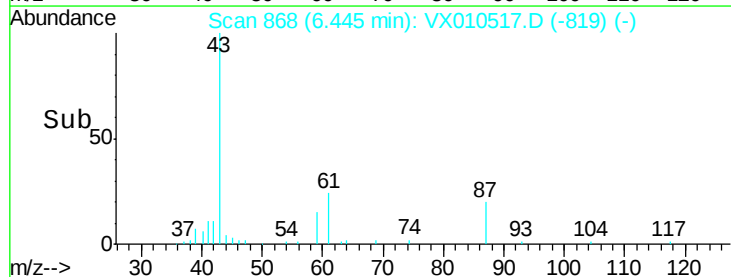
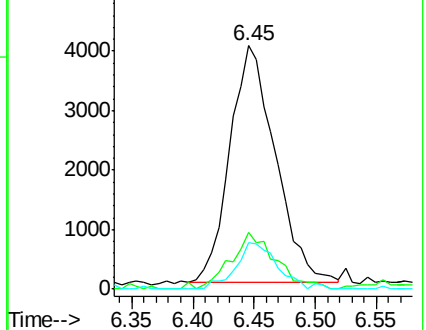
87 17.4 13.0 19.4

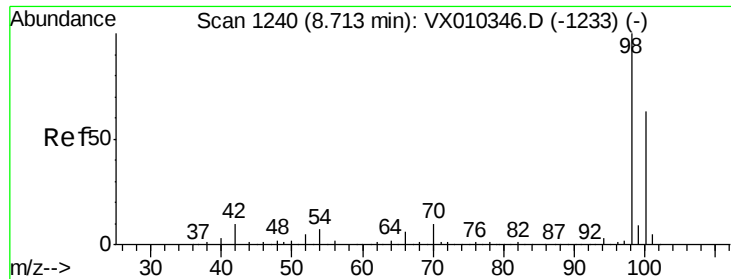


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.551 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

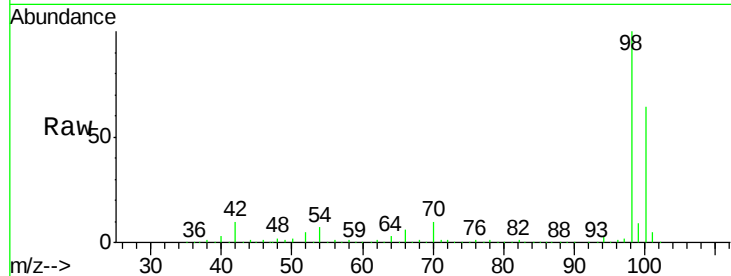
CL-02-062619-D

Tot Ion: 98 Resp: 469177

Ion Ratio Lower Upper

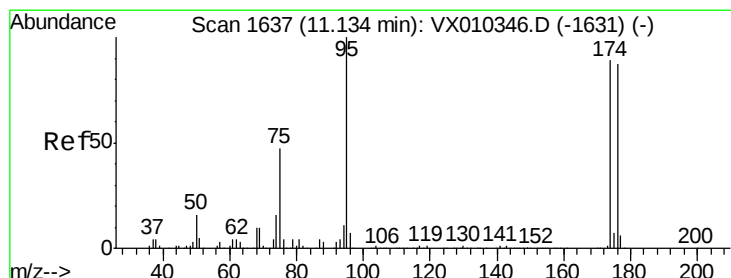
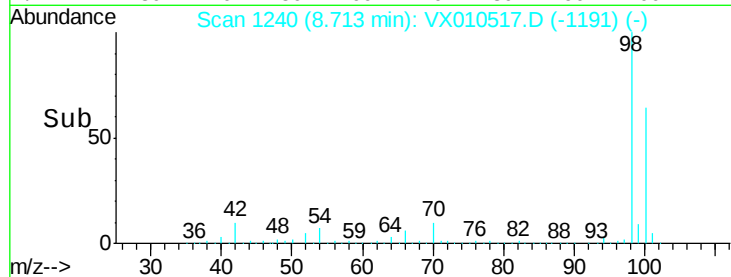
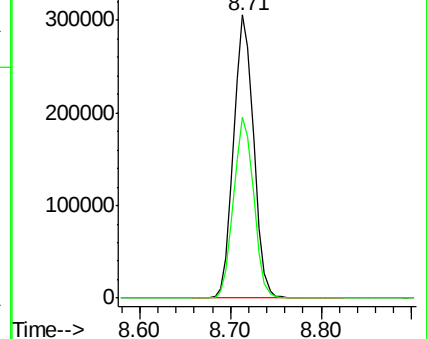
98 100

100 64.1 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: 46.332 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010517.D

Acq: 28 Jun 2019 04:10

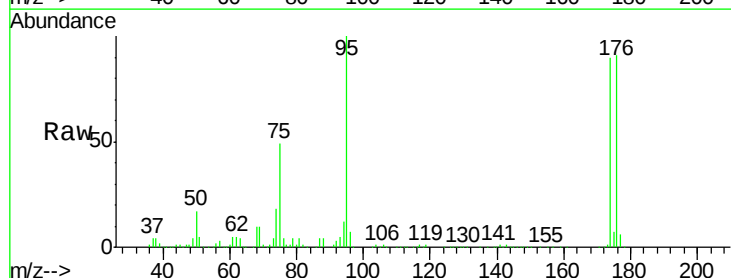
Tgt Ion: 95 Resp: 155250

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.6

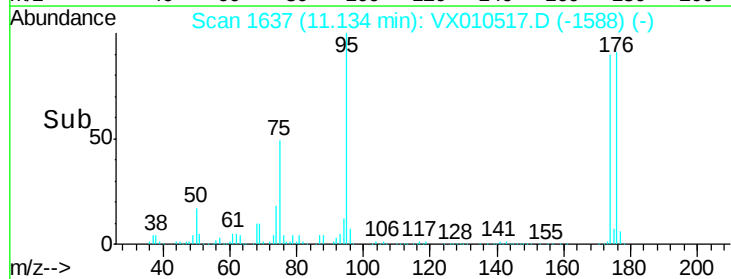
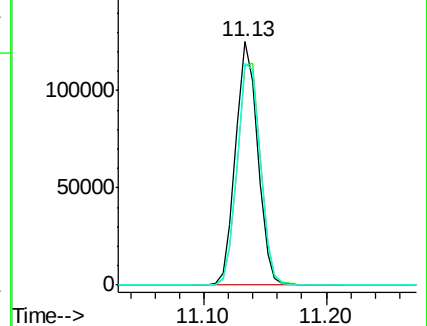
176 95.2 0.0 184.0

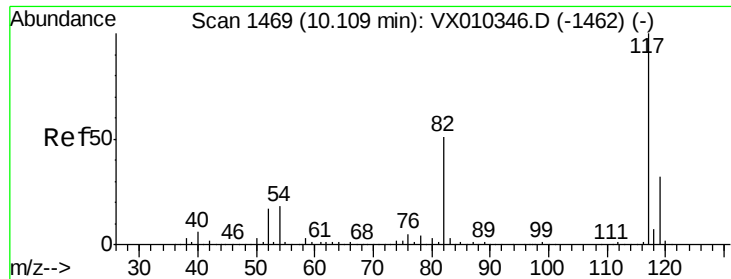


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

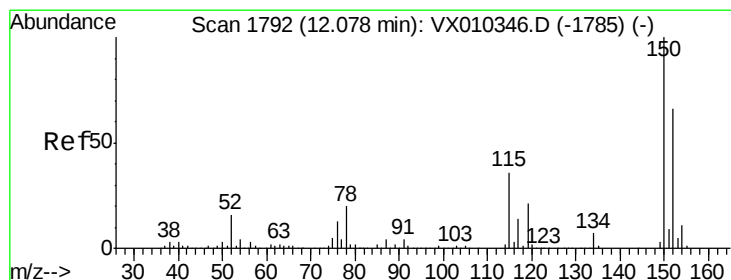
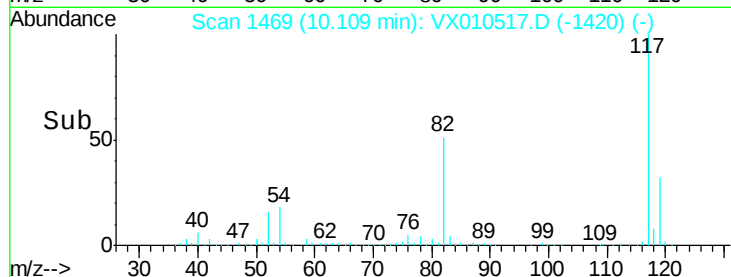
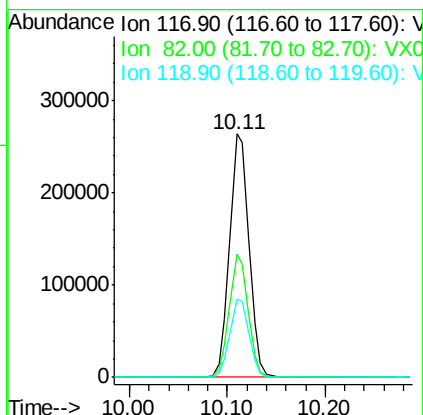
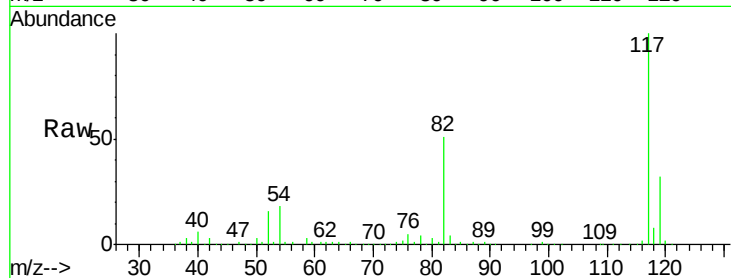




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010517.D
Acq: 28 Jun 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
CL-02-062619-D

Tot Ion:117 Resp: 363588
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010517.D
Acq: 28 Jun 2019 04:10

Tgt Ion:152 Resp: 166713
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.3 0.0 347.4

