

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010514.D
 Acq On : 28 Jun 2019 03:00
 Operator : JC/SP
 Sample : K3157-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

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

Quant Time: Jun 28 08:14:35 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

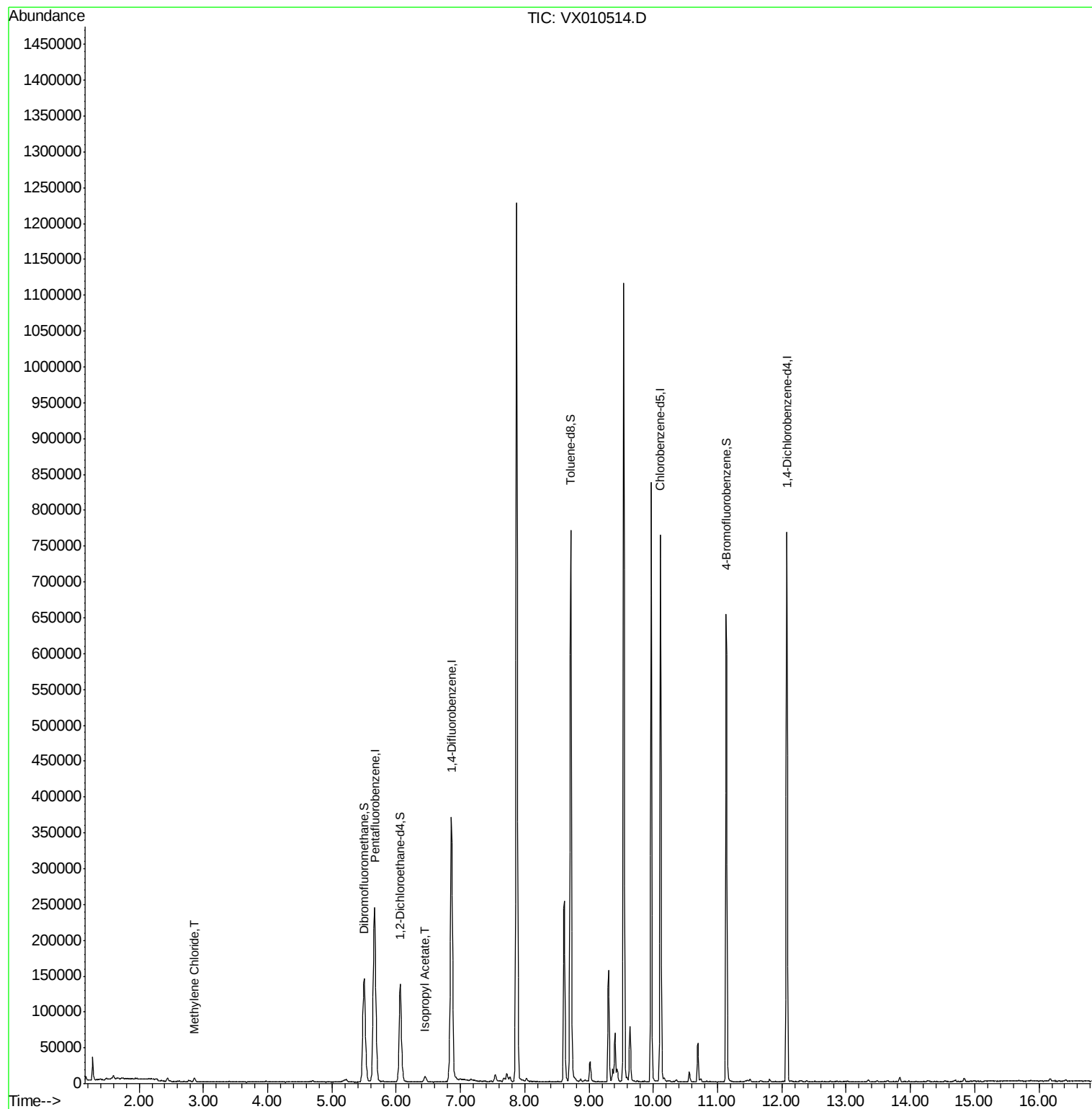
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123129	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	121649	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	480801	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	159956	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
20) Methylene Chloride	2.86	84	2573	1.012	ug/l #	83
43) Isopropyl Acetate	6.45	43	10794	1.986	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010514.D

Acq: 28 Jun 2019 03:00

Instrument :

MSVOA_X

ClientSampleId :

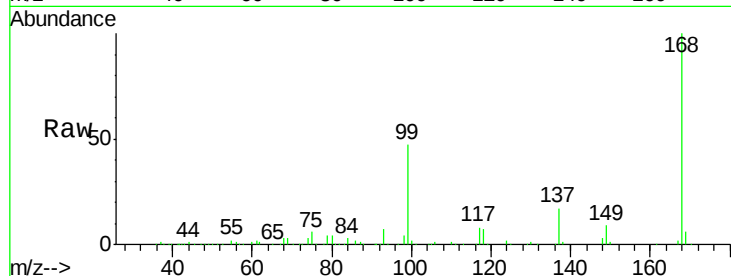
CL-02-062619-A

Tot Ion:168 Resp: 262934

Ion Ratio Lower Upper

168 100

99 46.7 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

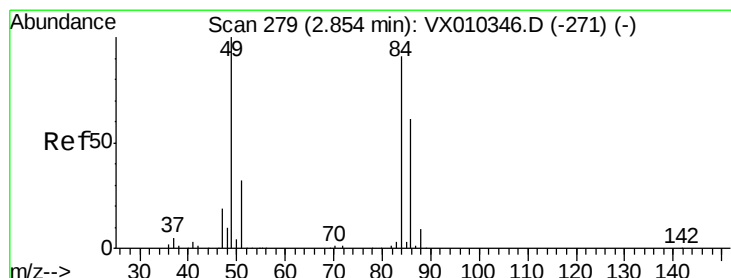
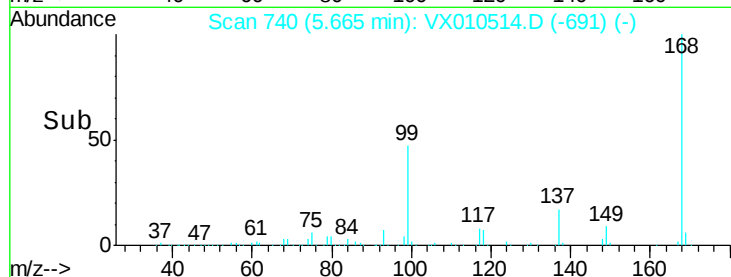
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.012 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010514.D

Acq: 28 Jun 2019 03:00

Tgt Ion: 84 Resp: 2573

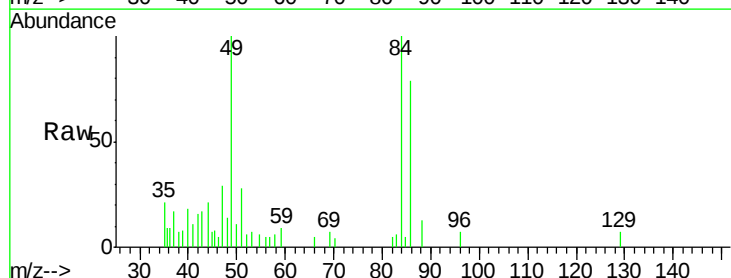
Ion Ratio Lower Upper

84 100

49 92.6 87.5 131.3

51 22.7 27.7 41.5#

86 79.2 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

2000

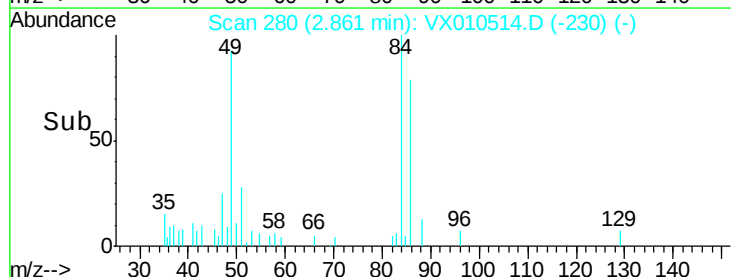
1500

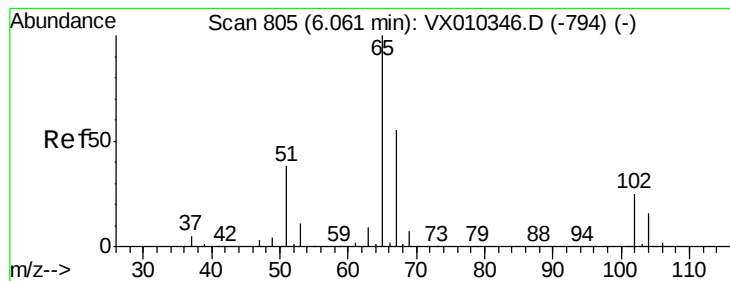
1000

500

0

Time--> 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 49.945 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010514.D

Acq: 28 Jun 2019 03:00

Instrument :

MSVOA_X

ClientSampleId :

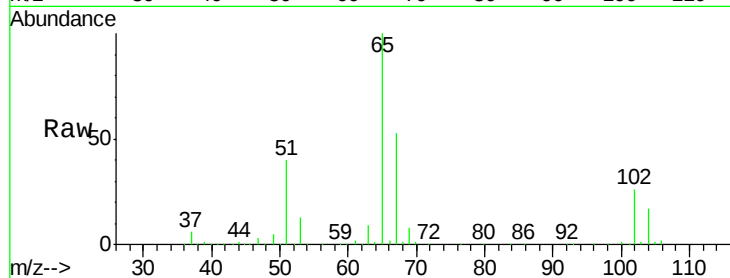
CL-02-062619-A

Tot Ion: 65 Resp: 123129

Ion Ratio Lower Upper

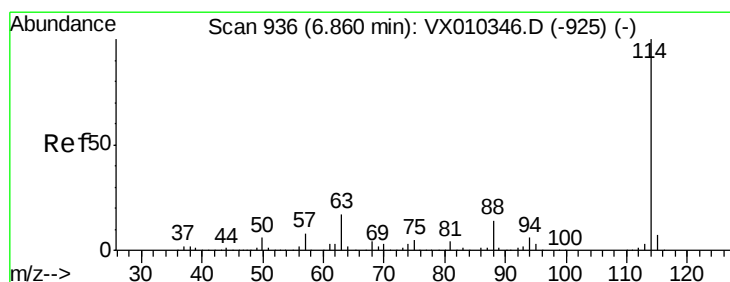
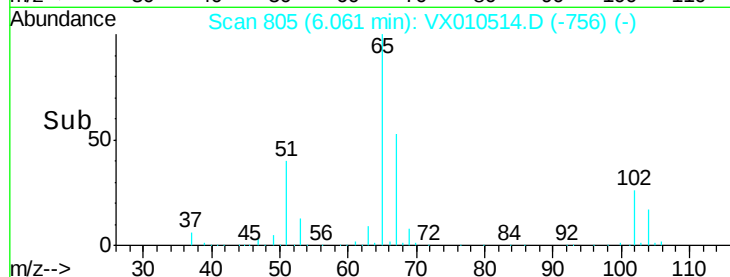
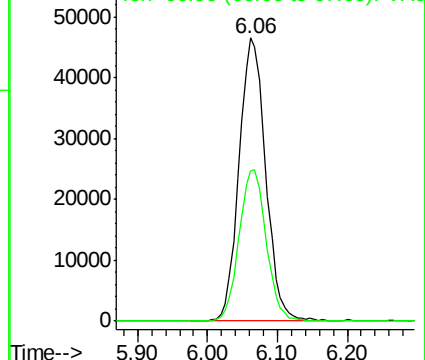
65 100

67 54.3 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: VX010514.D

Acq: 28 Jun 2019 03:00

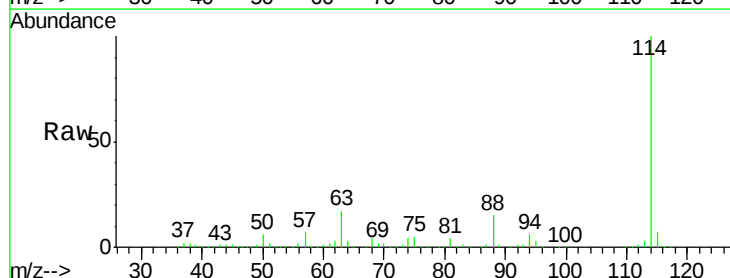
Tgt Ion: 114 Resp: 401840

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

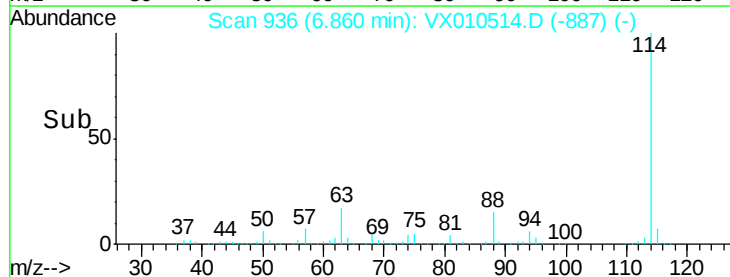
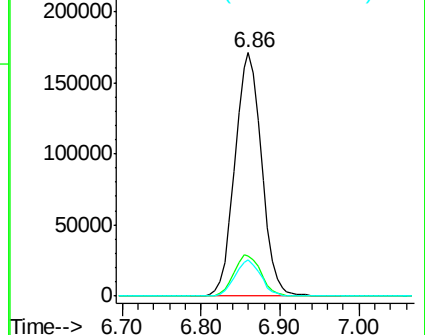
88 15.0 0.0 27.6

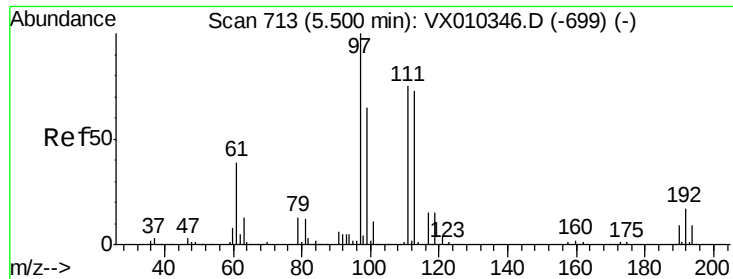


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

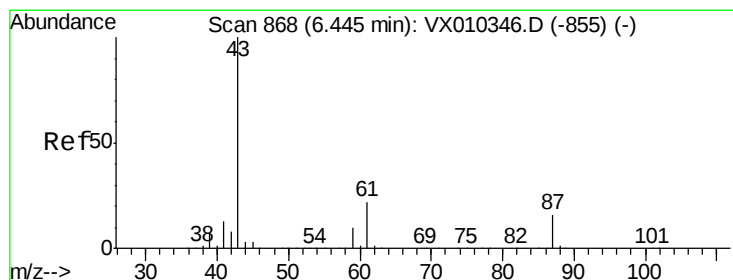
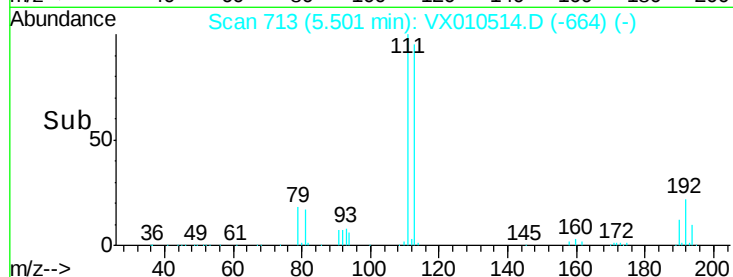
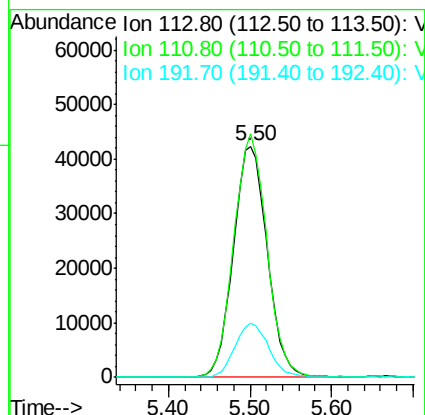
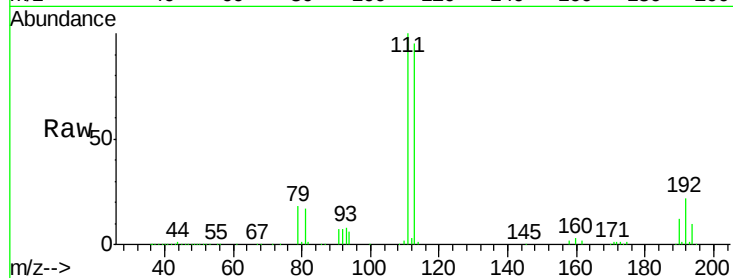




#35
 Dibromofluoromethane
 Concen: 49.479 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010514.D
 Acq: 28 Jun 2019 03:00

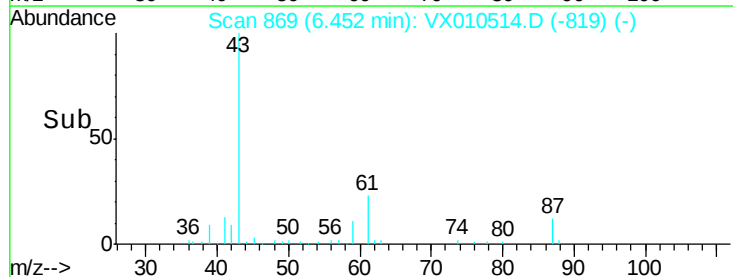
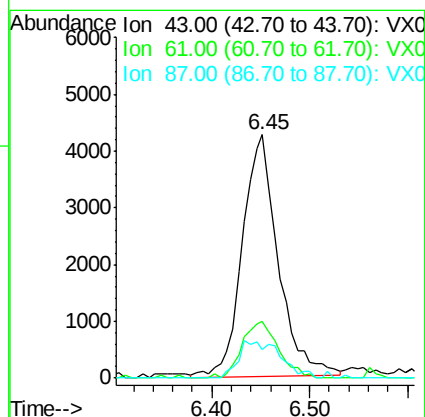
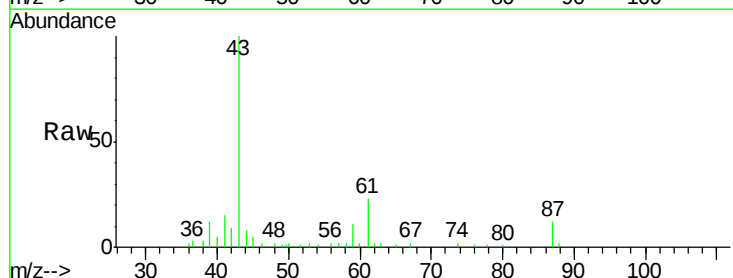
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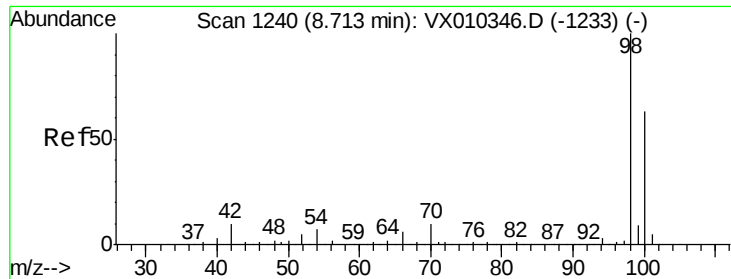
Tot Ion:113 Resp: 121649
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.2 121.8
 192 23.5 18.6 27.8



#43
 Isopropyl Acetate
 Concen: 1.986 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX010514.D
 Acq: 28 Jun 2019 03:00

Tgt Ion: 43 Resp: 10794
 Ion Ratio Lower Upper
 43 100
 61 23.7 17.8 26.6
 87 18.1 13.0 19.4

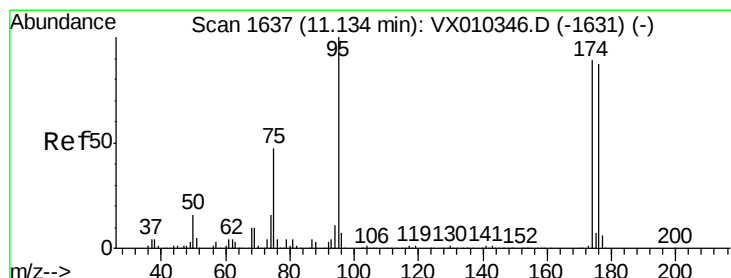
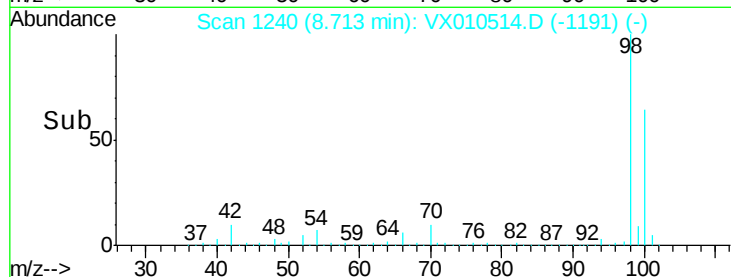
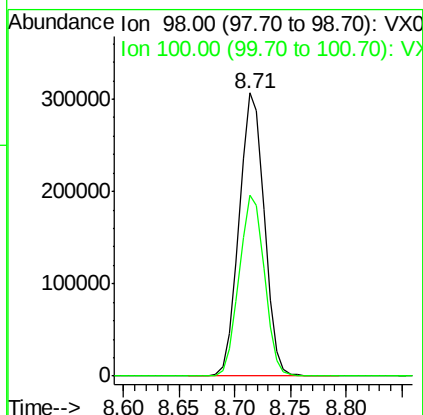
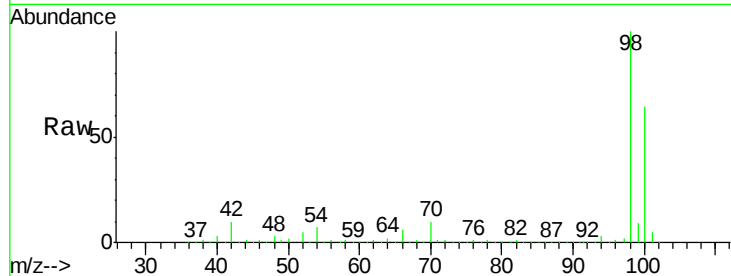




#50
Toluene-d8
Concen: 51.116 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010514.D
Acq: 28 Jun 2019 03:00

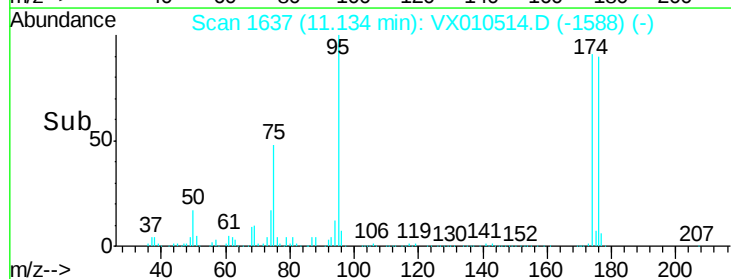
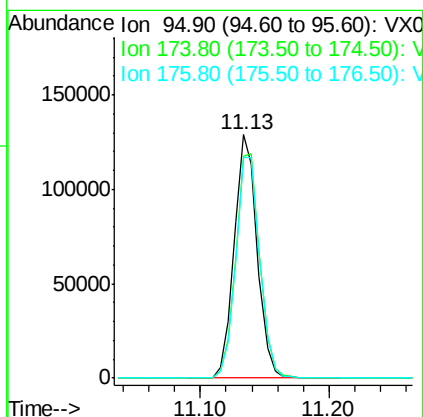
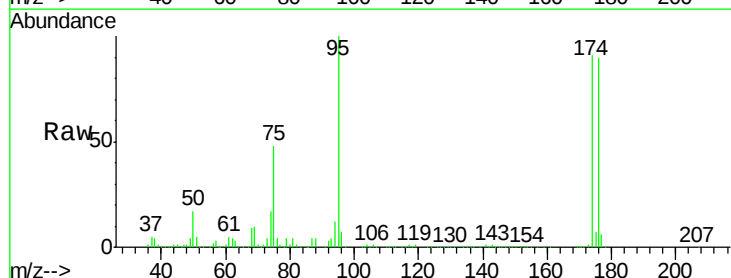
Instrument :
MSVOA_X
ClientSampleId :
CL-02-062619-A

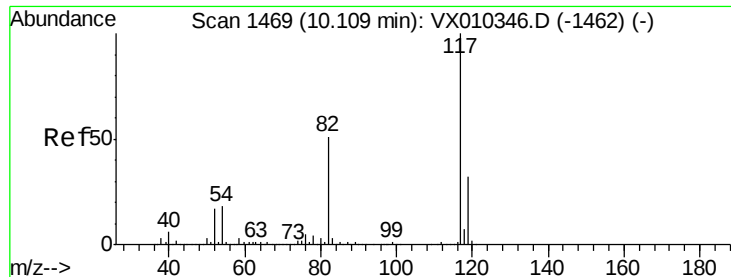
Tot Ion: 98 Resp: 480801
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.103 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010514.D
Acq: 28 Jun 2019 03:00

Tgt Ion: 95 Resp: 159956
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.6
176 95.1 0.0 184.0

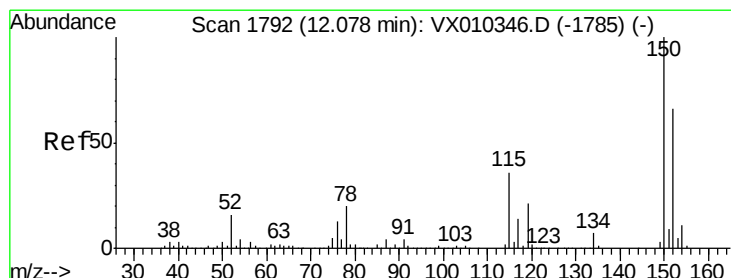
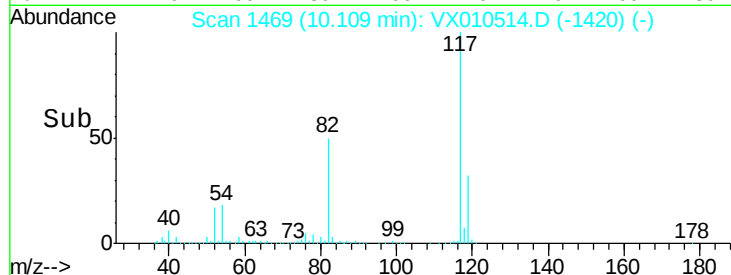
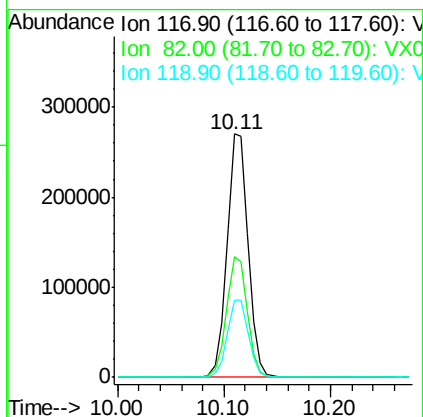
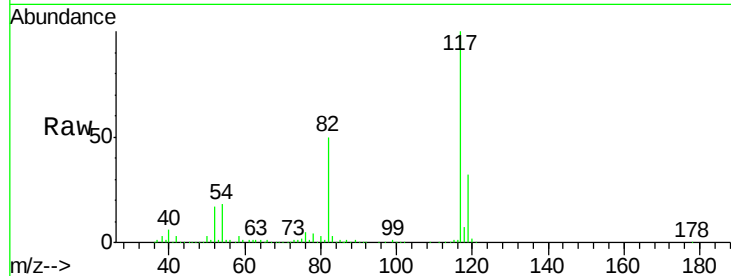




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010514.D
Acq: 28 Jun 2019 03:00

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

Tot Ion:117 Resp: 374362
Ion Ratio Lower Upper
117 100
82 49.6 41.2 61.8
119 31.9 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: VX010514.D
Acq: 28 Jun 2019 03:00

Tgt Ion:152 Resp: 171197
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 158.8 0.0 347.4

