

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004660.D
 Acq On : 18 Sep 2018 16:16
 Operator : JC/MD
 Sample : J4773-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-091418-D

Quant Time: Sep 19 04:11:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

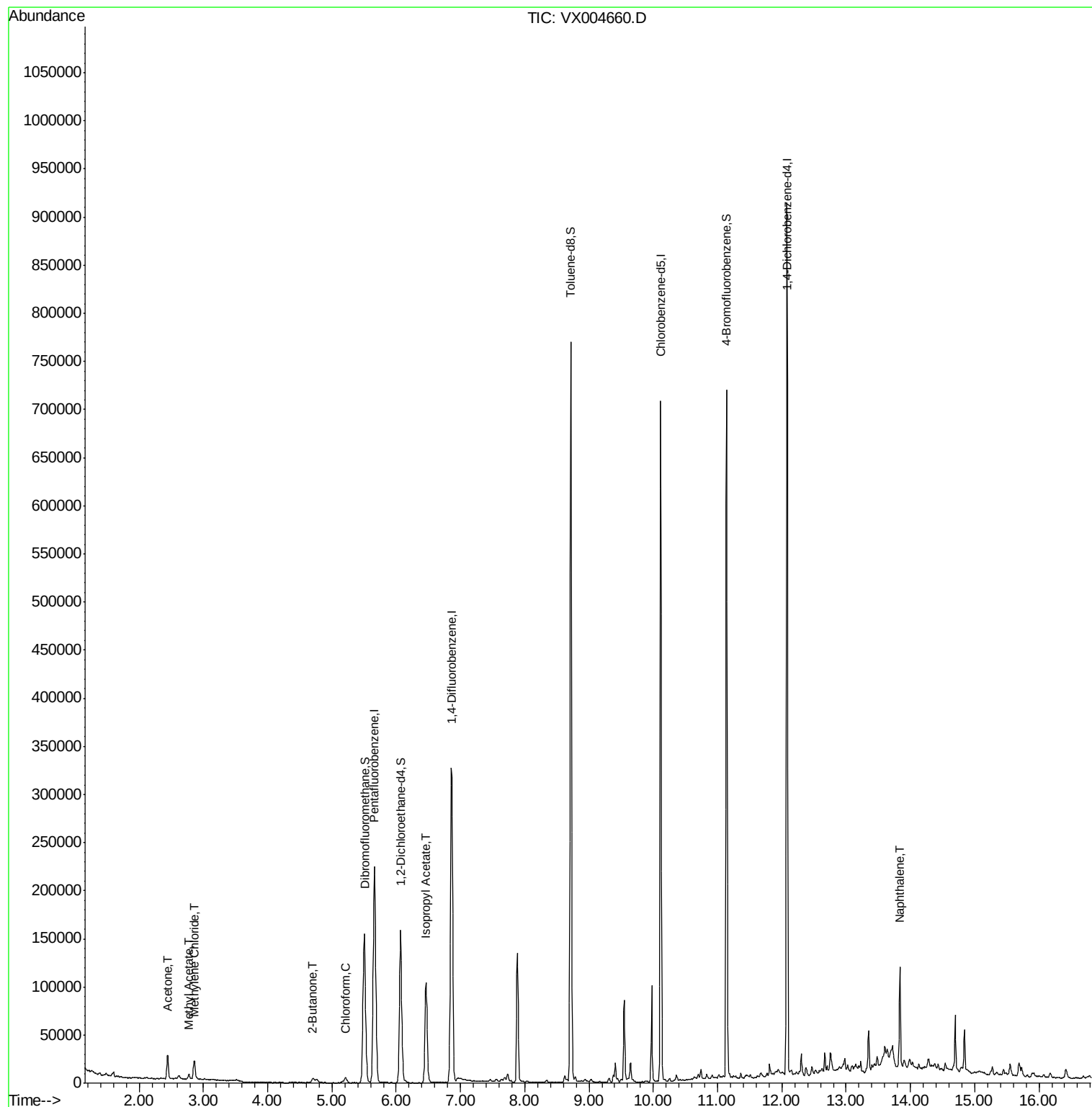
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141263	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
35) Dibromofluoromethane	5.51	113	128732	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
50) Toluene-d8	8.71	98	484977	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	11.14	95	182273	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
Target Compounds						
16) Acetone	2.44	43	26384	17.41	ug/l	99
18) Methyl Acetate	2.78	43	5496	1.29	ug/l	96
20) Methylene Chloride	2.86	84	9882	3.18	ug/l	94
25) 2-Butanone	4.70	43	9284	3.85	ug/l #	88
30) Chloroform	5.21	83	5764	1.12	ug/l	88
43) Isopropyl Acetate	6.46	43	138086	20.91	ug/l	98
95) Naphthalene	13.83	128	66409	5.08	ug/l	99

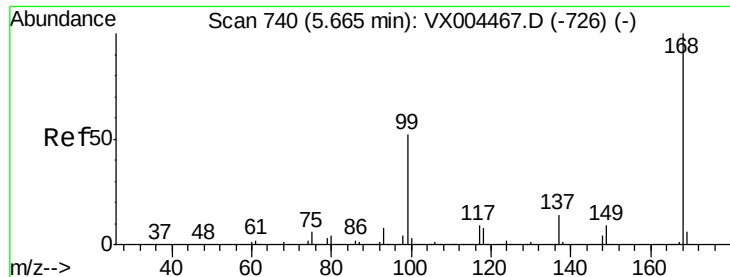
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004660.D

Acq: 18 Sep 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

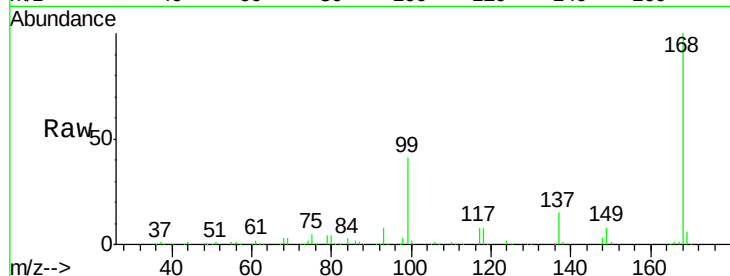
CL-01-091418-D

Tot Ion:168 Resp: 240761

Ion Ratio Lower Upper

168 100

99 41.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

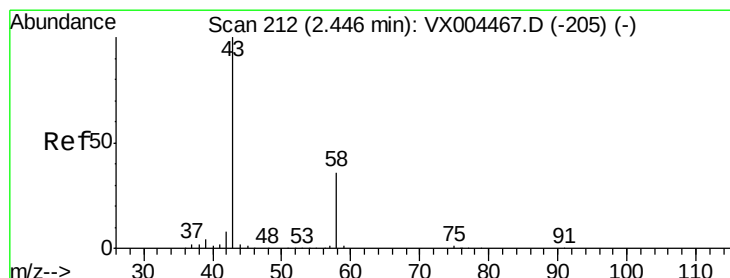
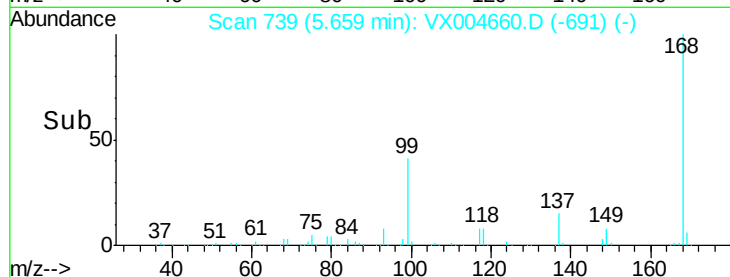
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.41 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004660.D

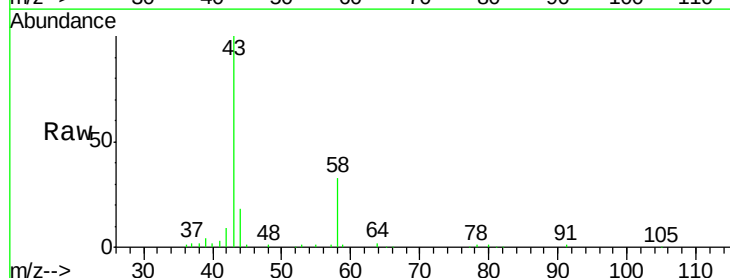
Acq: 18 Sep 2018 16:16

Tgt Ion: 43 Resp: 26384

Ion Ratio Lower Upper

43 100

58 33.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

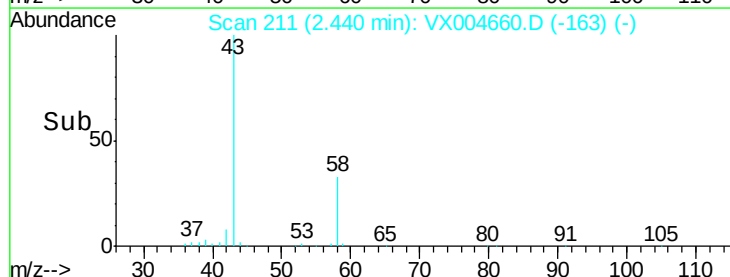
15000

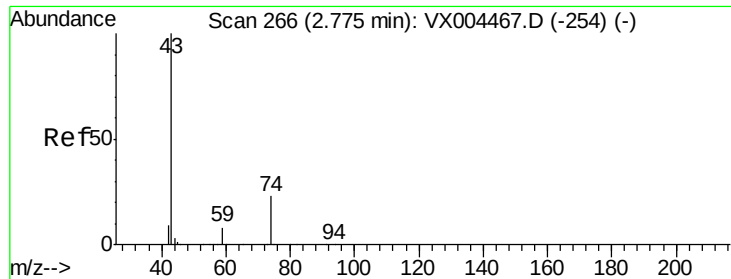
10000

5000

0

Time--> 2.40 2.50 2.60

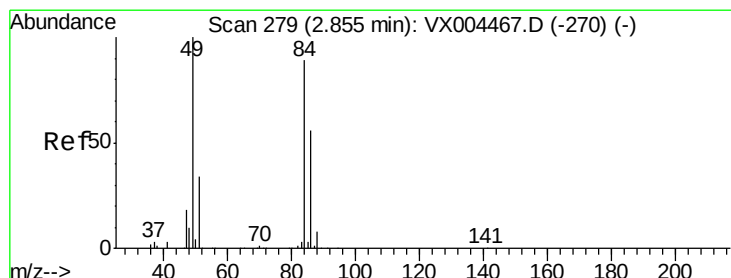
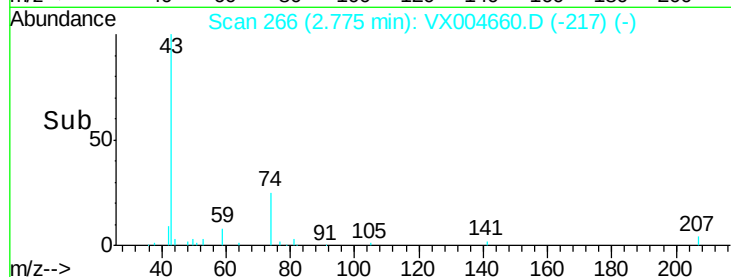
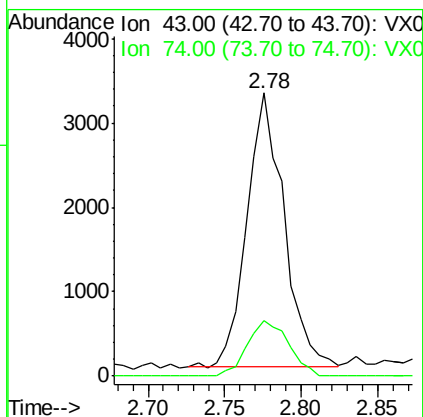
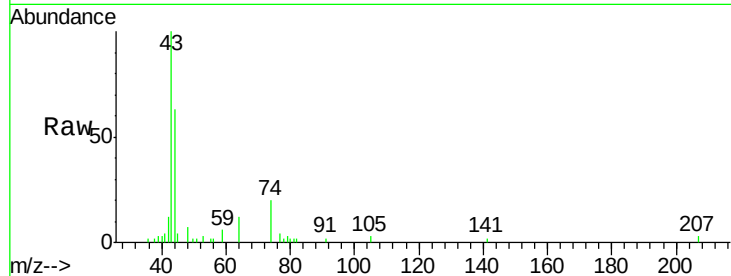




#18
Methvl Acetate
Concen: 1.29 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004660.D
Acq: 18 Sep 2018 16:16

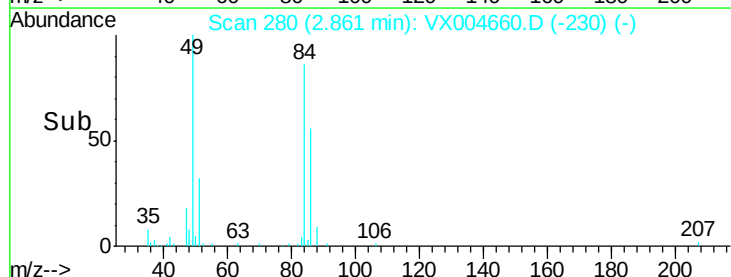
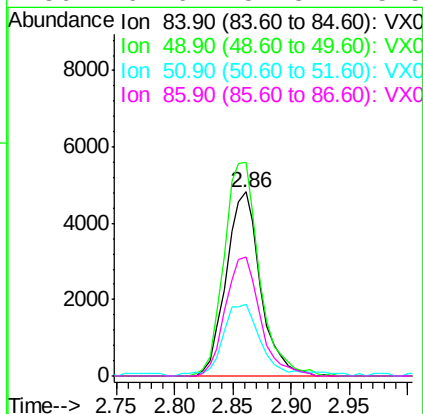
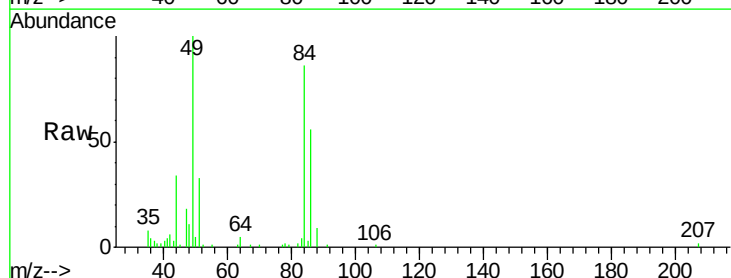
Instrument :
MSVOA_X
ClientSampleId :
CL-01-091418-D

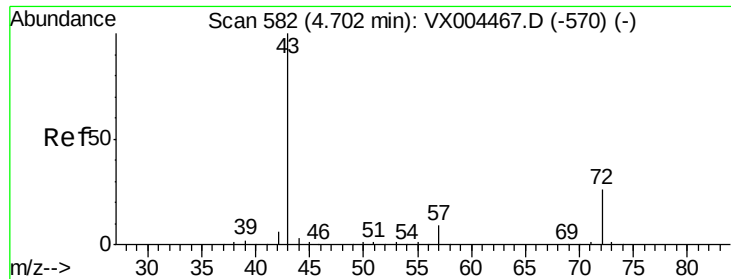
Tot Ion: 43 Resp: 5496
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2



#20
Methylene Chloride
Concen: 3.18 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004660.D
Acq: 18 Sep 2018 16:16

Tgt Ion: 84 Resp: 9882
Ion Ratio Lower Upper
84 100
49 116.0 101.2 151.8
51 37.6 29.5 44.3
86 64.6 52.3 78.5





#25

2-Butanone

Concen: 3.85 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004660.D

Acq: 18 Sep 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

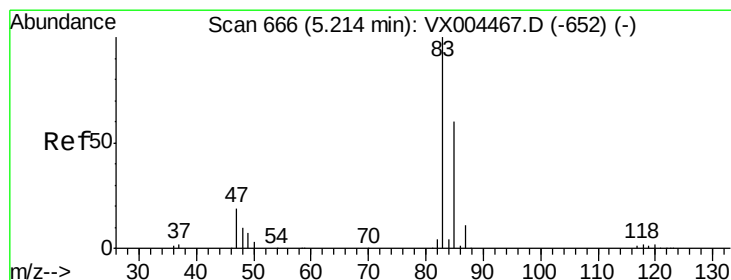
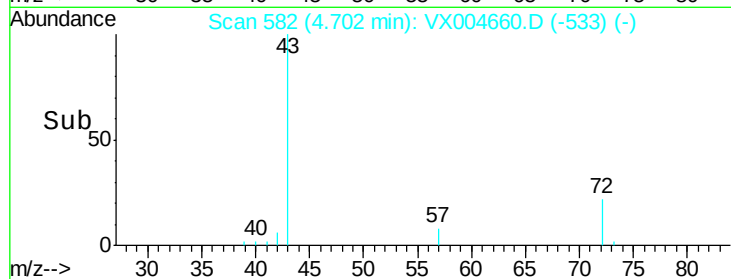
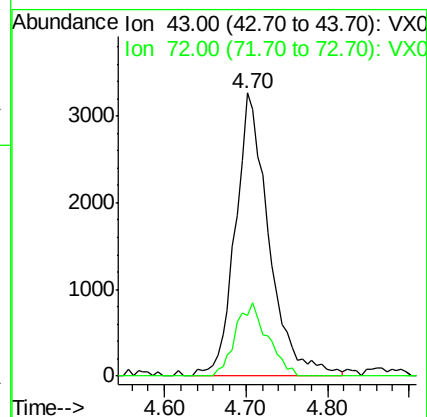
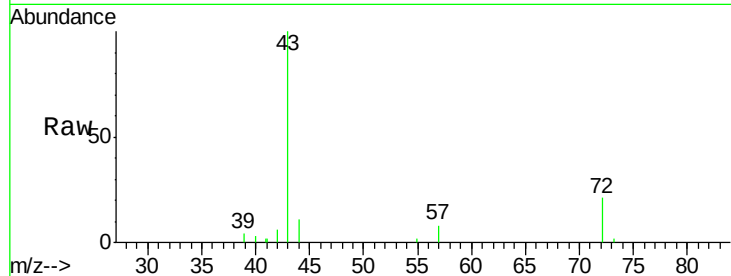
CL-01-091418-D

Tot Ion: 43 Resp: 9284

Ion Ratio Lower Upper

43 100

72 21.3 22.0 33.0#



#30

Chloroform

Concen: 1.12 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004660.D

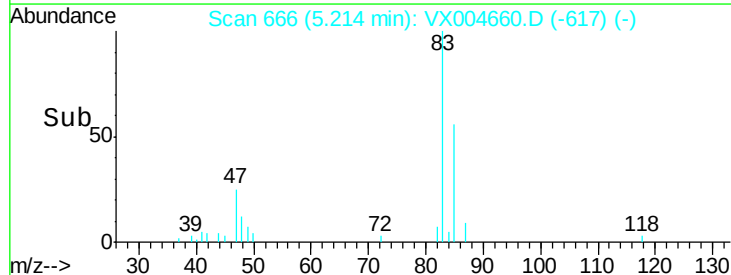
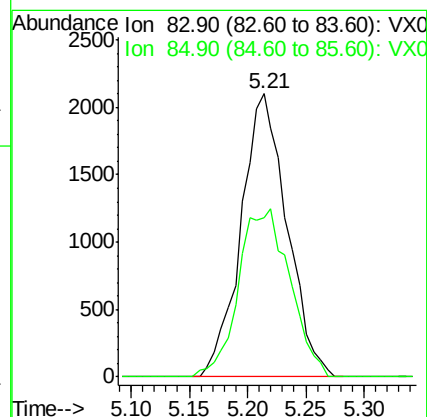
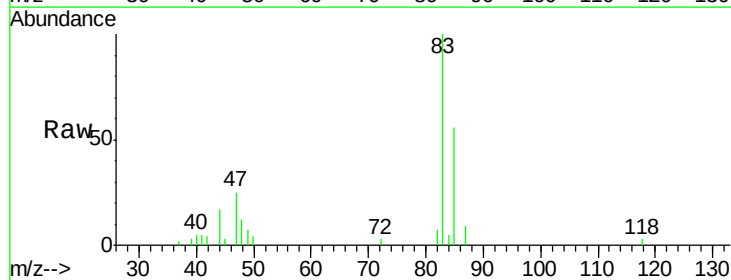
Acq: 18 Sep 2018 16:16

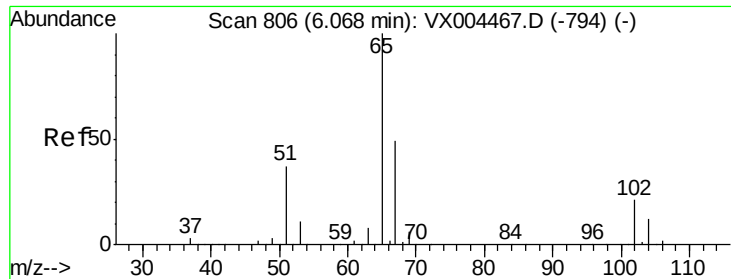
Tgt Ion: 83 Resp: 5764

Ion Ratio Lower Upper

83 100

85 56.0 52.6 79.0

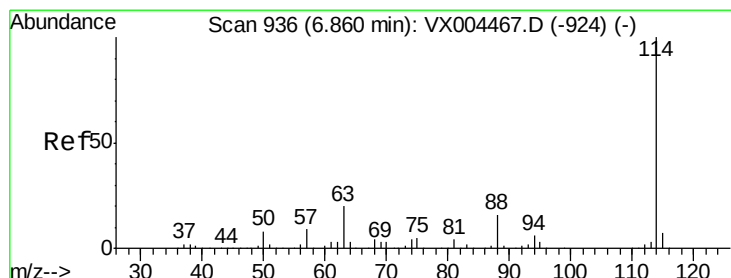
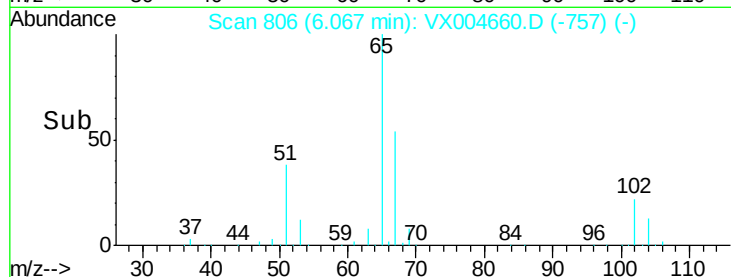
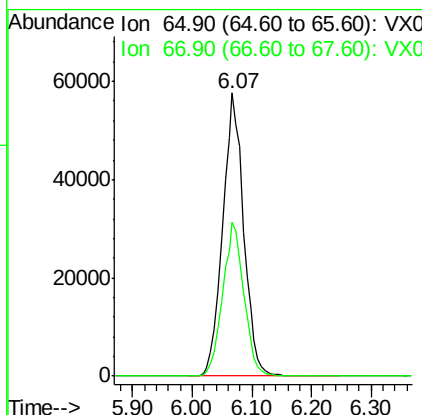
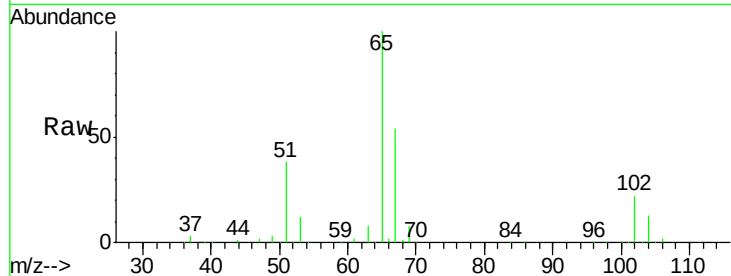




#33
 1,2-Dichloroethane-d4
 Concen: 45.50 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004660.D
 Acq: 18 Sep 2018 16:16

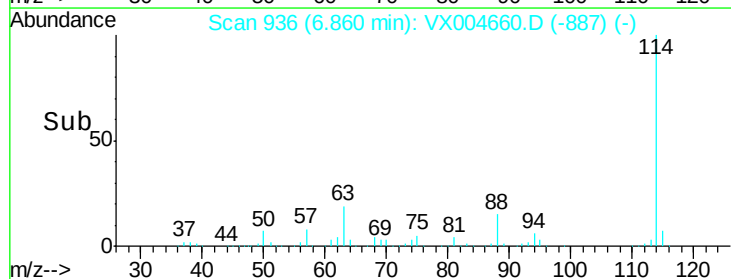
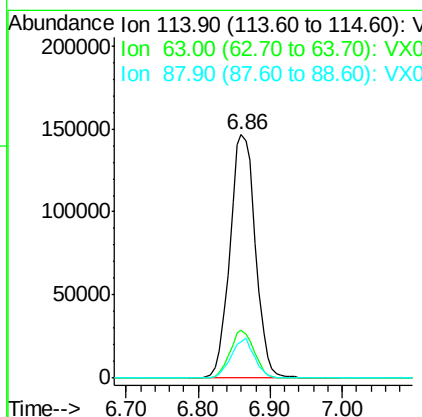
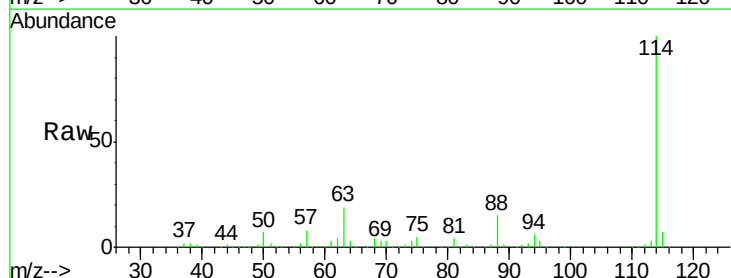
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-091418-D

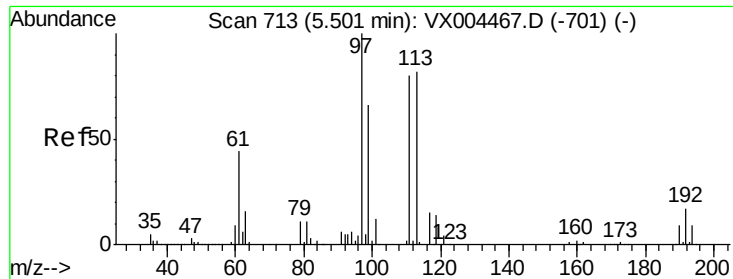
Tot Ion: 65 Resp: 141263
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004660.D
 Acq: 18 Sep 2018 16:16

Tgt Ion: 114 Resp: 360007
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.0 0.0 30.4

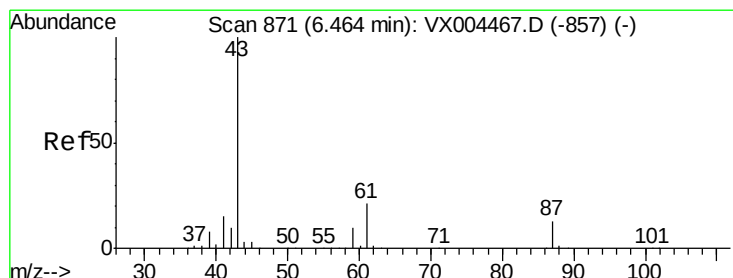
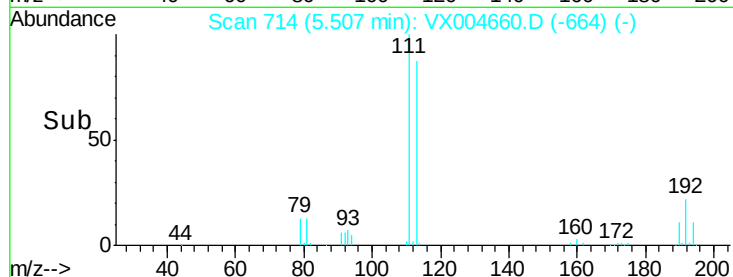
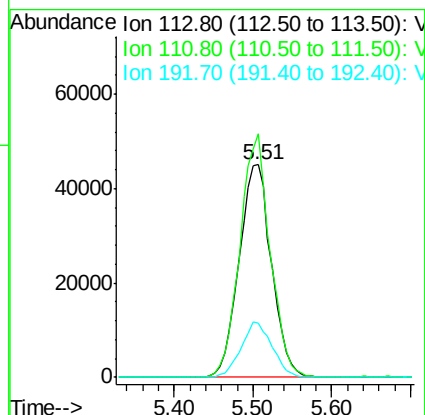
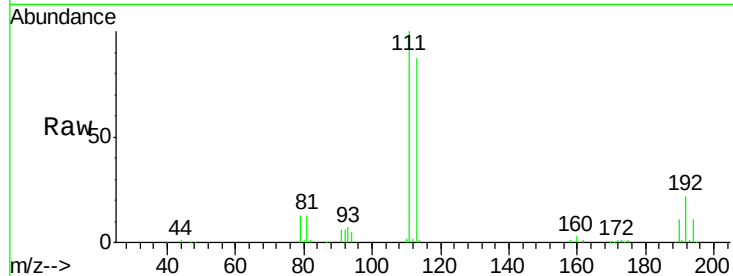




#35
 Dibromofluoromethane
 Concen: 39.08 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004660.D
 Acq: 18 Sep 2018 16:16

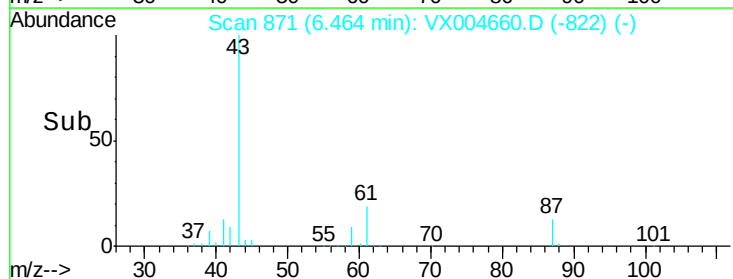
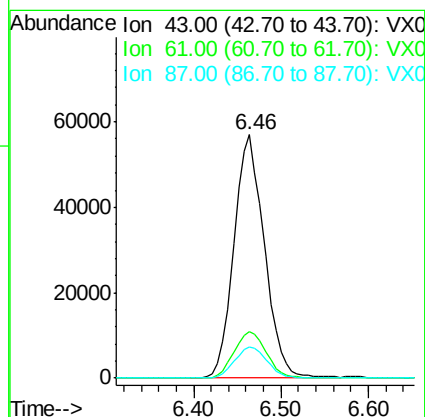
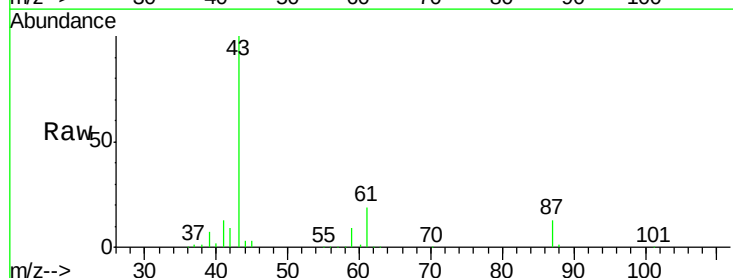
Instrument :
 MSVOA_X
 ClientSampled :
 CL-01-091418-D

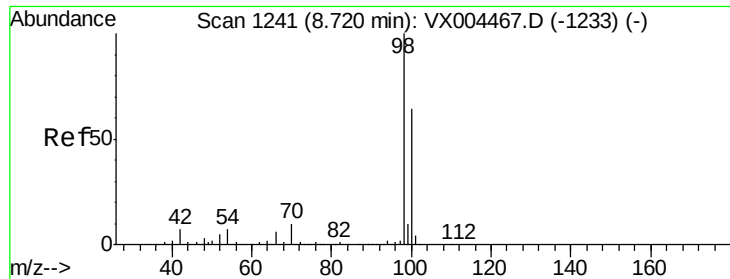
Tot Ion:113 Resp: 128732
 Ion Ratio Lower Upper
 113 100
 111 106.5 82.4 123.6
 192 25.0 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 20.91 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004660.D
 Acq: 18 Sep 2018 16:16

Tgt Ion: 43 Resp: 138086
 Ion Ratio Lower Upper
 43 100
 61 20.3 17.0 25.4
 87 13.5 11.4 17.2





#50

Toluene-d8

Concen: 43.90 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004660.D

Acq: 18 Sep 2018 16:16

Instrument :

MSVOA_X

ClientSampleId :

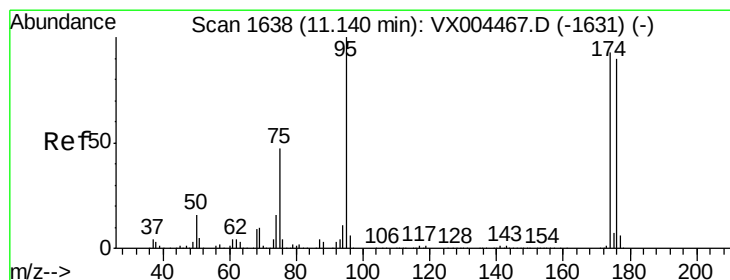
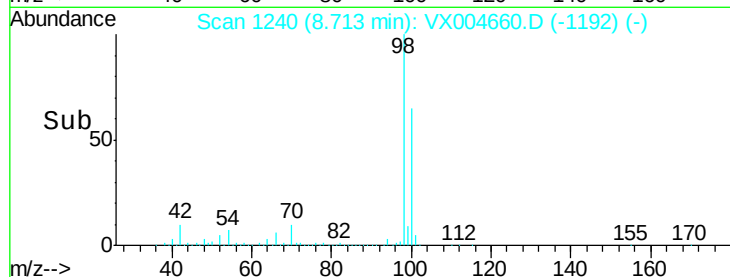
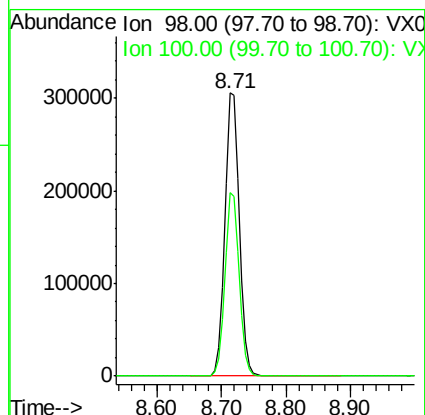
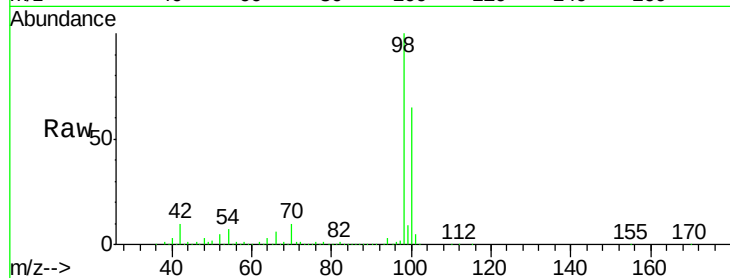
CL-01-091418-D

Tot Ion: 98 Resp: 484977

Ion Ratio Lower Upper

98 100

100 64.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.22 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004660.D

Acq: 18 Sep 2018 16:16

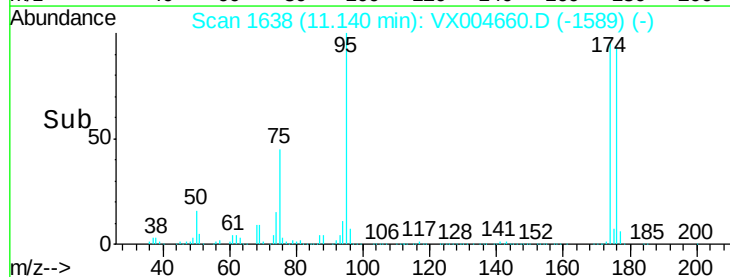
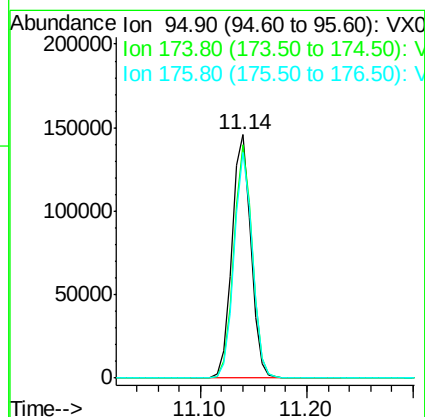
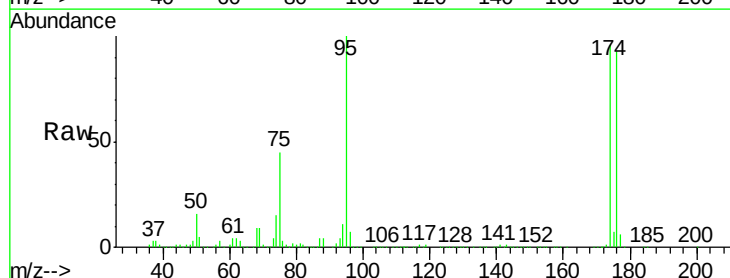
Tgt Ion: 95 Resp: 182273

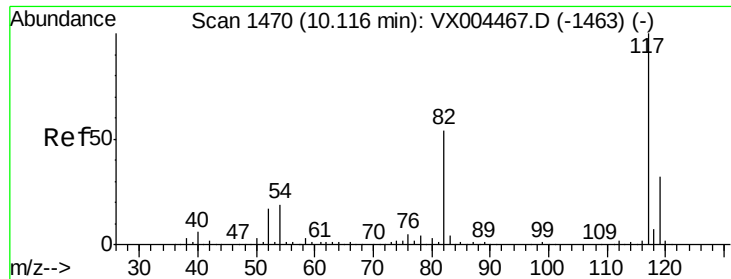
Ion Ratio Lower Upper

95 100

174 93.7 0.0 185.2

176 90.2 0.0 178.6

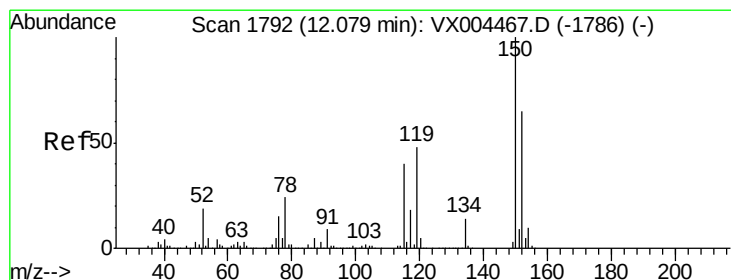
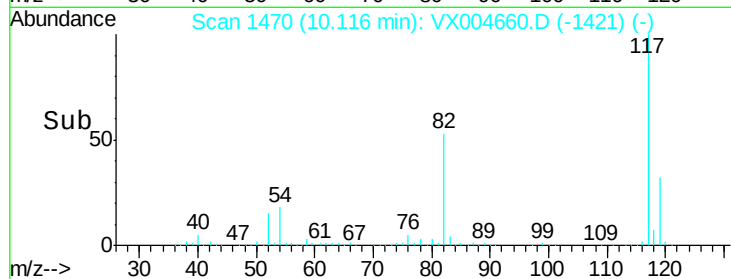
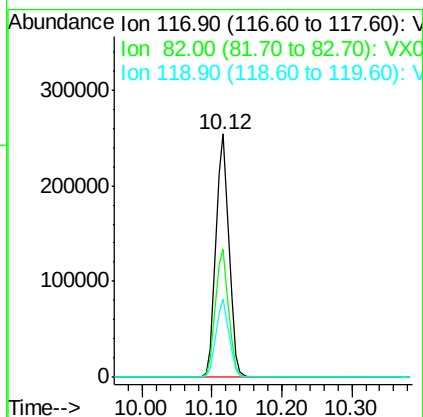
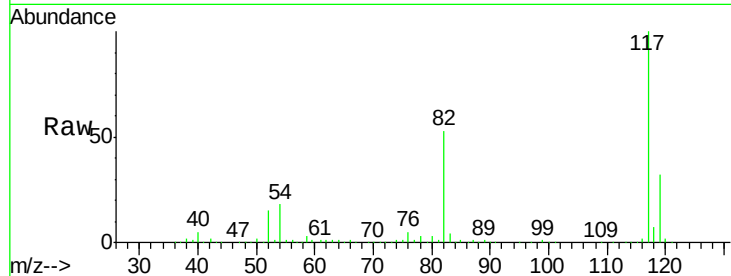




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004660.D
Acq: 18 Sep 2018 16:16

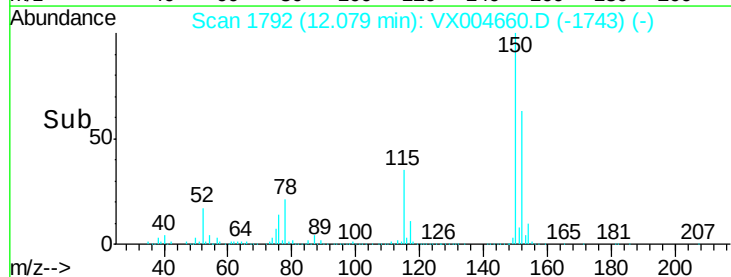
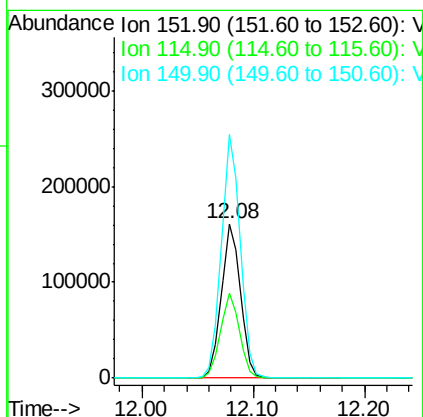
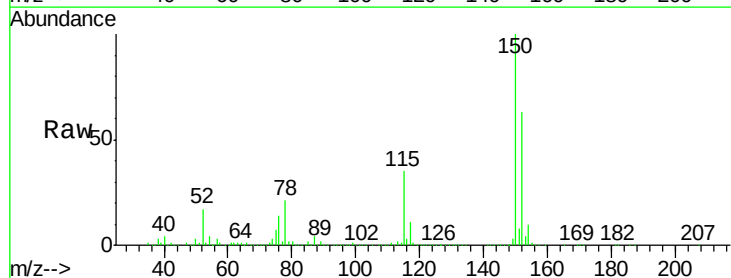
Instrument :
MSVOA_X
ClientSampleId :
CL-01-091418-D

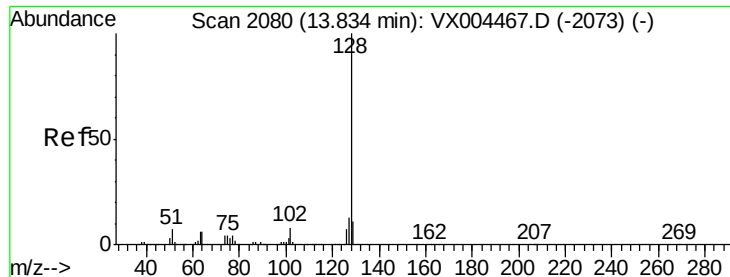
Tot Ion:117 Resp: 332500
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004660.D
Acq: 18 Sep 2018 16:16

Tgt Ion:152 Resp: 191465
Ion Ratio Lower Upper
152 100
115 54.8 39.0 117.0
150 156.5 0.0 351.0

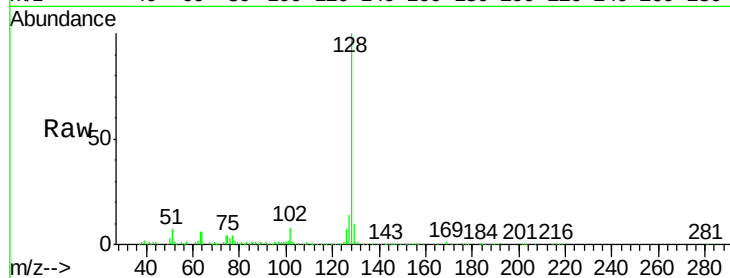




#95
Naphthalene
Concen: 5.08 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004660.D
Acq: 18 Sep 2018 16:16

Instrument :
MSVOA_X
ClientSampleId :
CL-01-091418-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.1	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

