

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005063.D
 Acq On : 05 Oct 2018 12:05
 Operator : JC/MD
 Sample : J5198-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-100218-C

Quant Time: Oct 05 13:56:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154614	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
35) Dibromofluoromethane	5.51	113	127945	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
50) Toluene-d8	8.71	98	466079	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.14	95	162142	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	

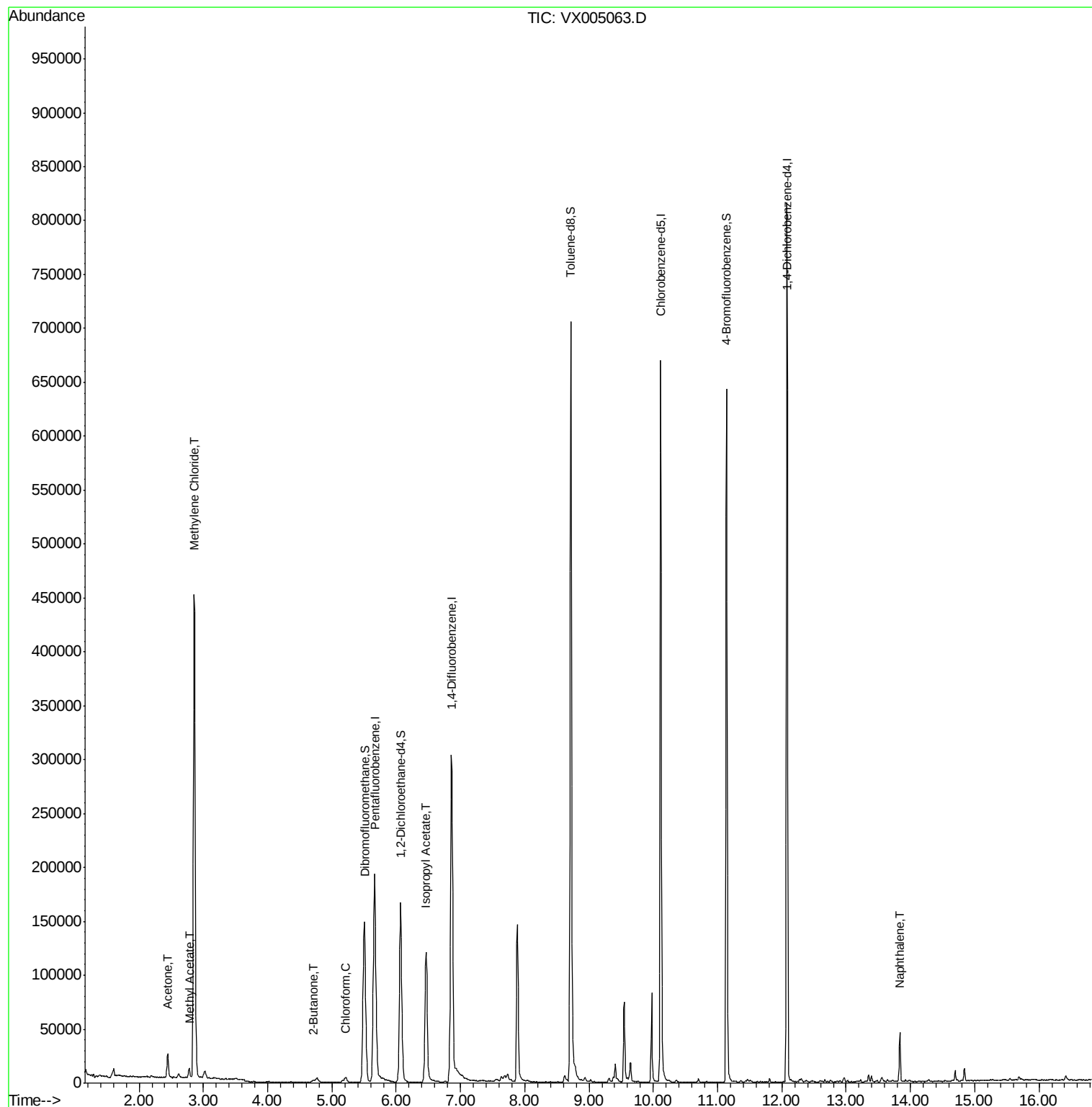
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	23950	14.777	ug/l	98
18) Methyl Acetate	2.78	43	11201	2.728	ug/l	97
20) Methylene Chloride	2.85	84	202527	86.558	ug/l	91
25) 2-Butanone	4.71	43	4045	1.693	ug/l	97
30) Chloroform	5.21	83	4526	1.038	ug/l	97
43) Isopropyl Acetate	6.46	43	164422	23.316	ug/l	99
95) Naphthalene	13.83	128	27097	2.618	ug/l	97

(#) = 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. 0.01 min

Lab File: VX005063.D

Acq: 05 Oct 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

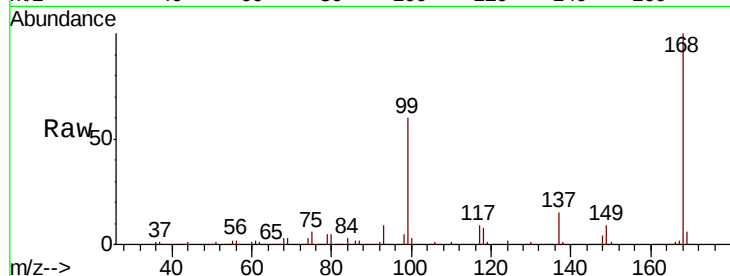
CL-01-100218-C

Tot Ion:168 Resp: 194337

Ion Ratio Lower Upper

168 100

99 59.9 39.3 58.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

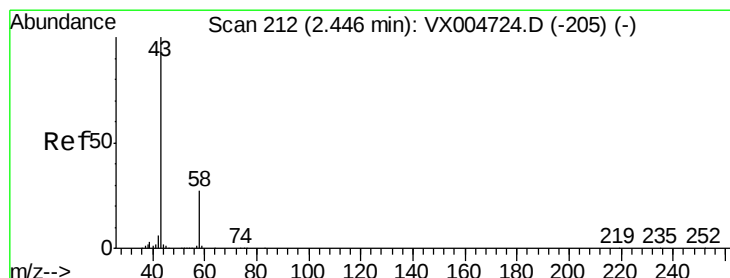
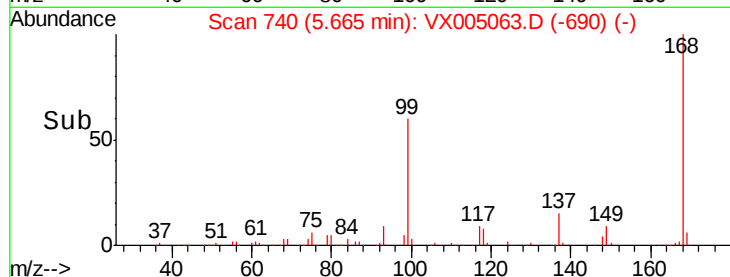
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.777 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005063.D

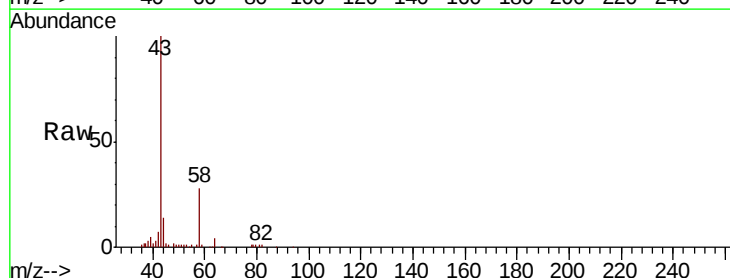
Acq: 05 Oct 2018 12:05

Tgt Ion: 43 Resp: 23950

Ion Ratio Lower Upper

43 100

58 28.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

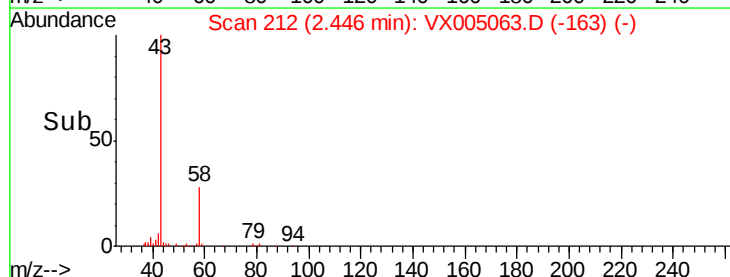
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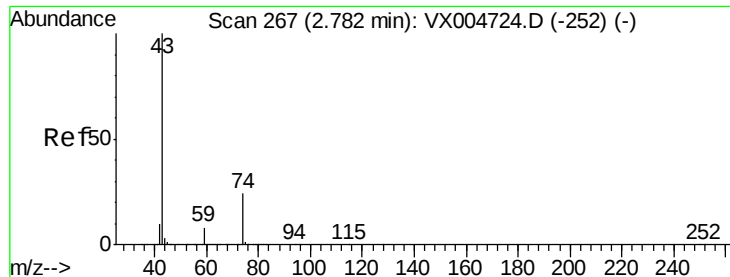
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5000

0

Time--> 2.40 2.50

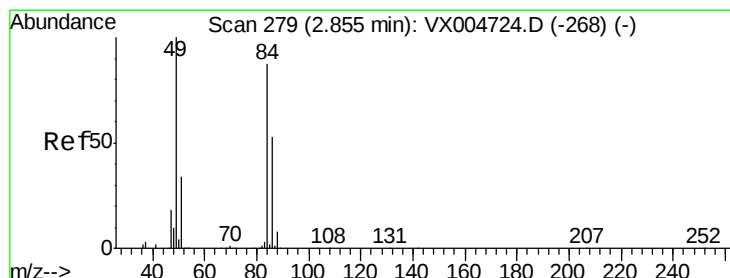
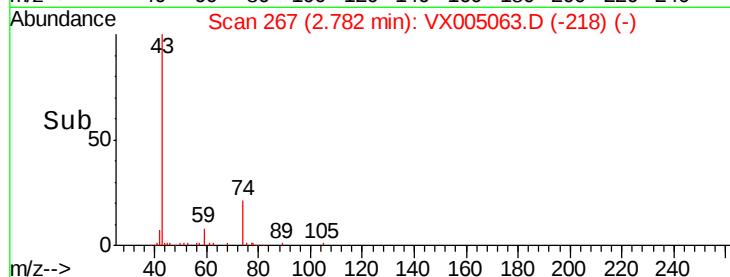
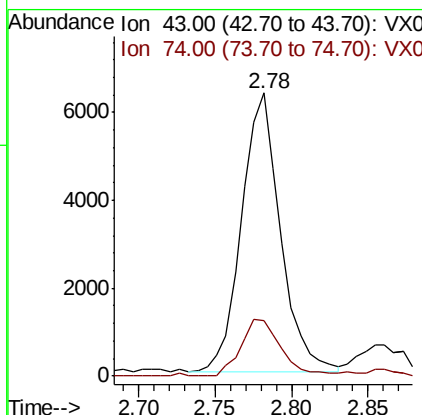
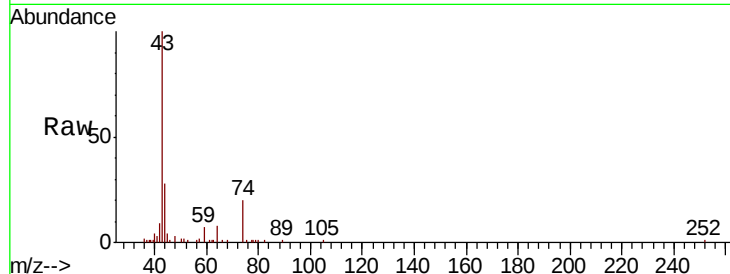




#18
Methvl Acetate
Concen: 2.728 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005063.D
Acq: 05 Oct 2018 12:05

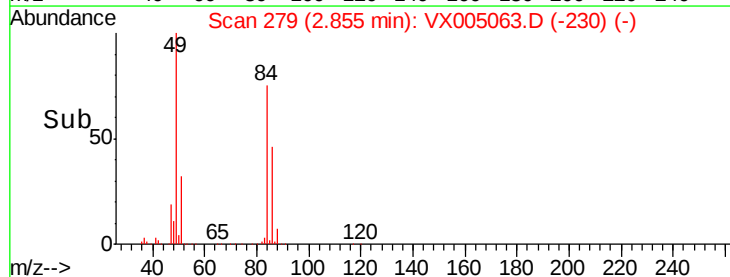
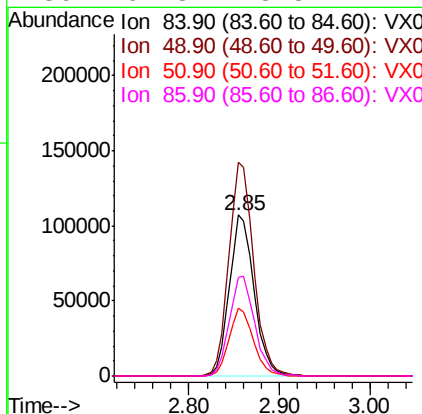
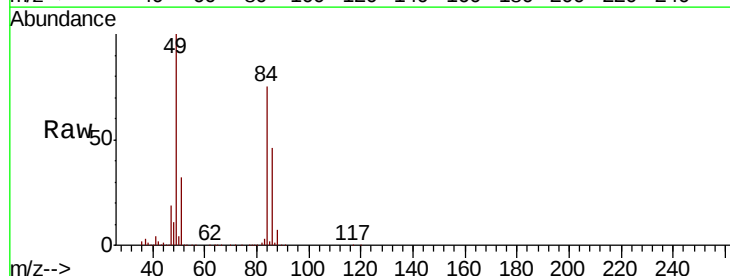
Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-C

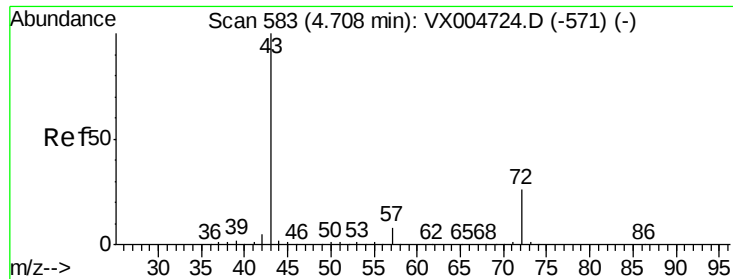
Tot Ion: 43 Resp: 11201
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 86.558 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005063.D
Acq: 05 Oct 2018 12:05

Tgt Ion: 84 Resp: 202527
Ion Ratio Lower Upper
84 100
49 132.6 92.3 138.5
51 42.1 31.8 47.6
86 61.3 48.5 72.7

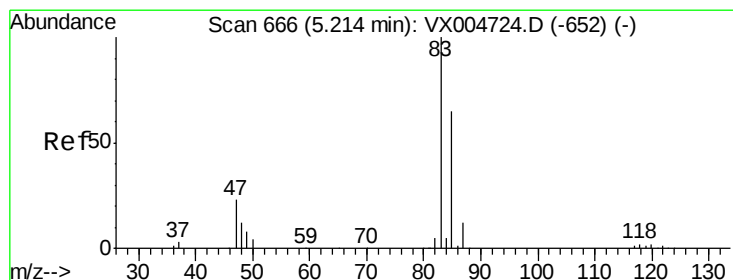
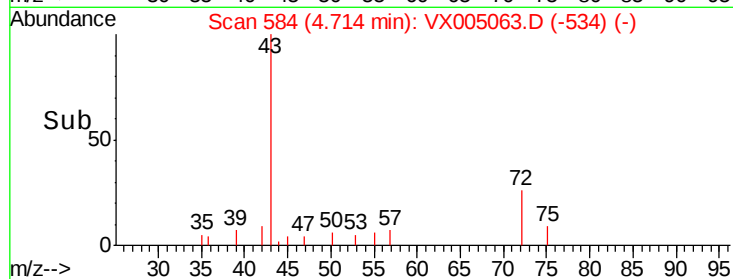
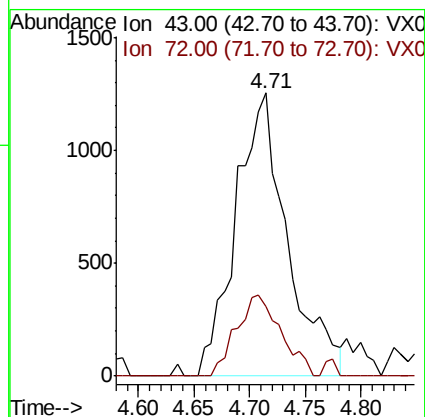
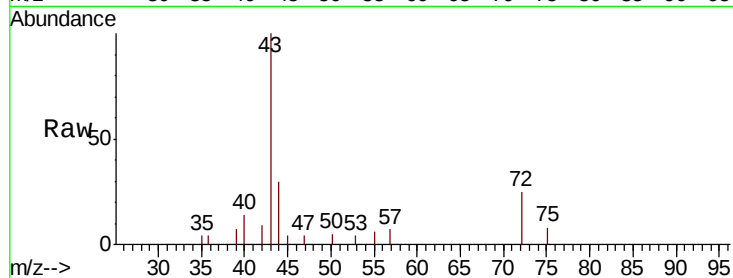




#25
2-Butanone
Concen: 1.693 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX005063.D
Acq: 05 Oct 2018 12:05

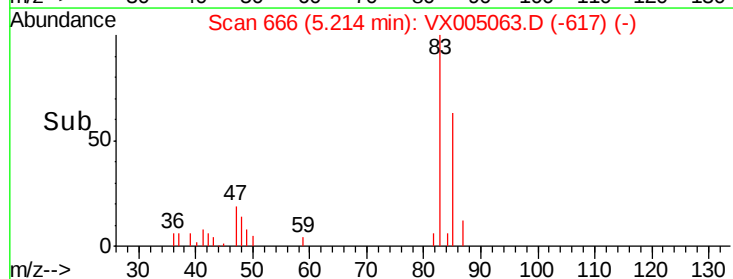
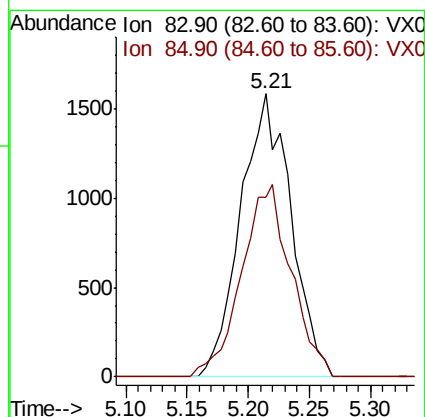
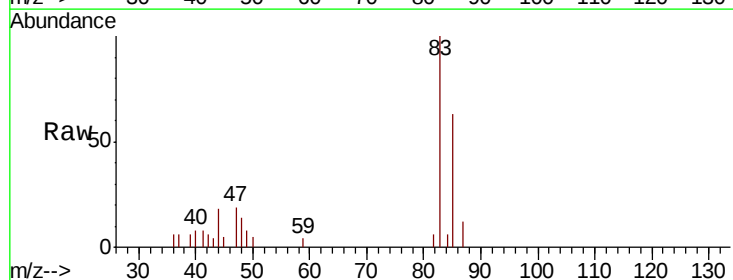
Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-C

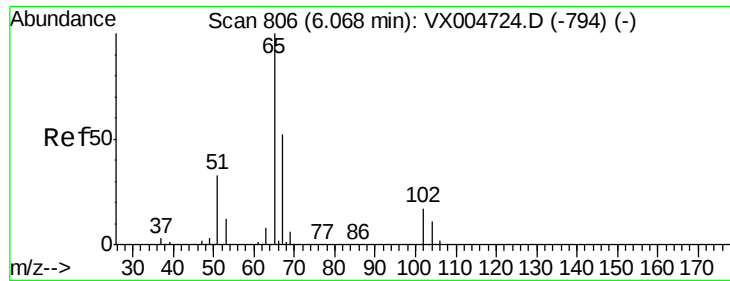
Tot Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
72 24.6 20.8 31.2



#30
Chloroform
Concen: 1.038 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005063.D
Acq: 05 Oct 2018 12:05

Tgt Ion: 83 Resp: 4526
Ion Ratio Lower Upper
83 100
85 63.4 52.4 78.6

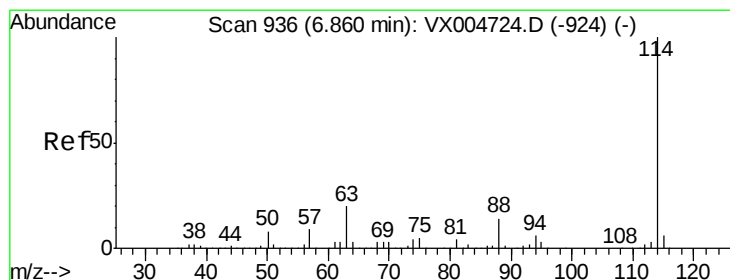
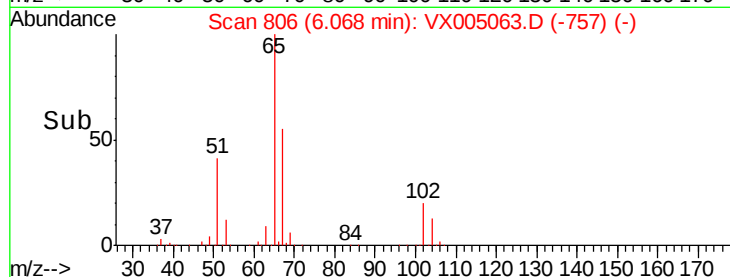
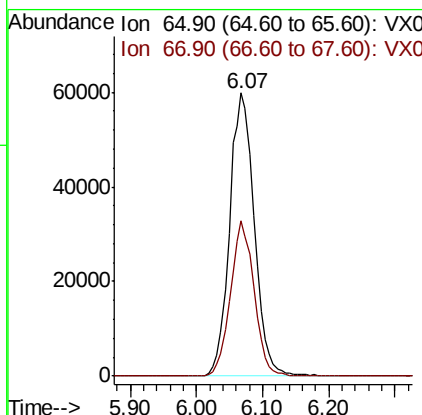
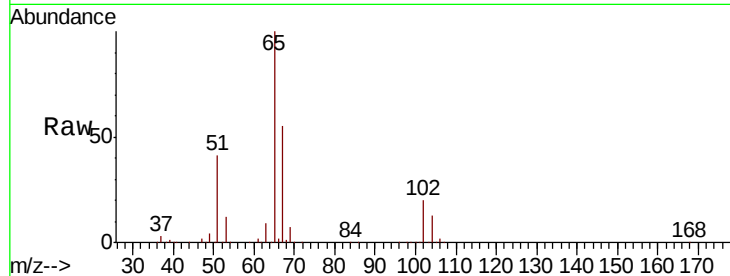




#33
 1,2-Dichloroethane-d4
 Concen: 55.694 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005063.D
 Acq: 05 Oct 2018 12:05

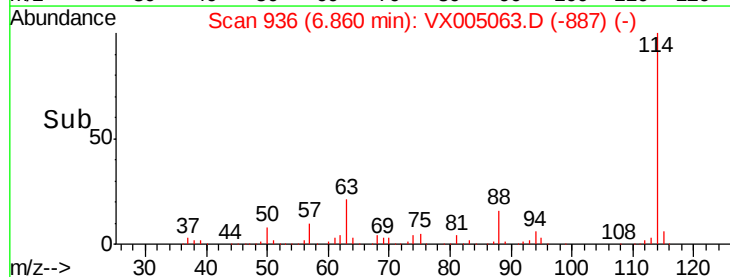
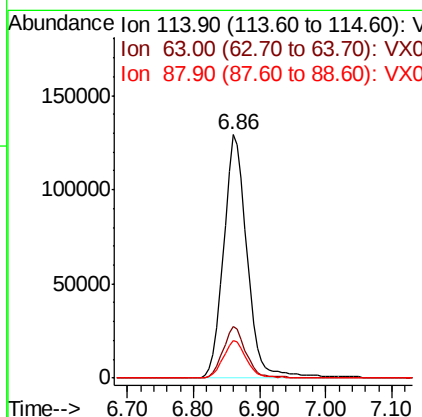
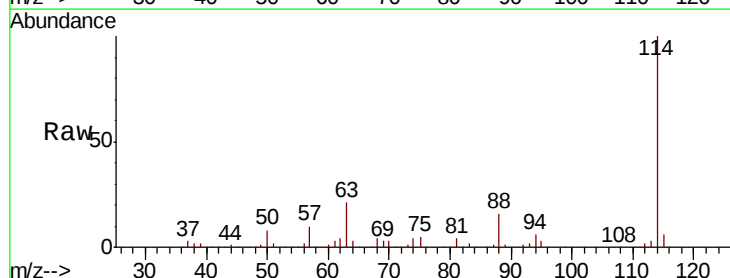
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-100218-C

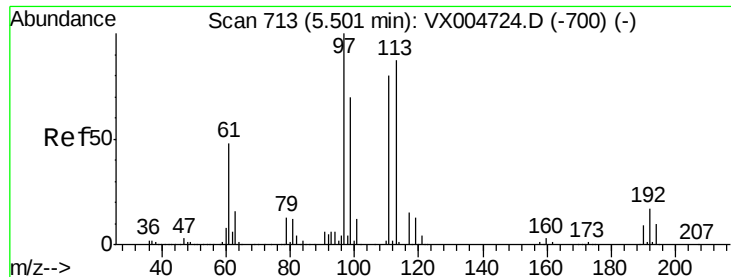
Tot Ion: 65 Resp: 154614
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005063.D
 Acq: 05 Oct 2018 12:05

Tgt Ion: 114 Resp: 318317
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.6 0.0 27.0

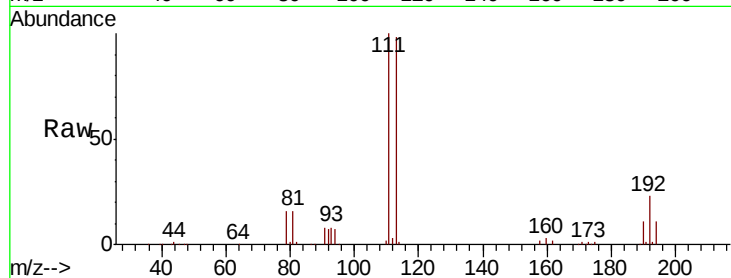




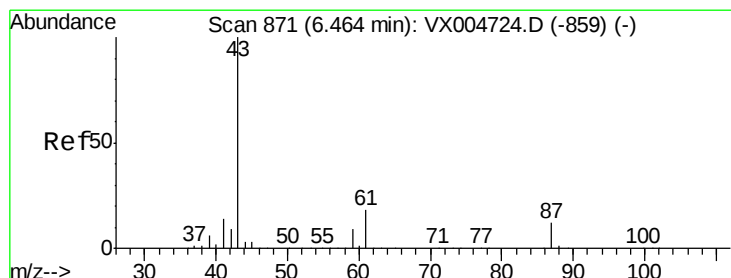
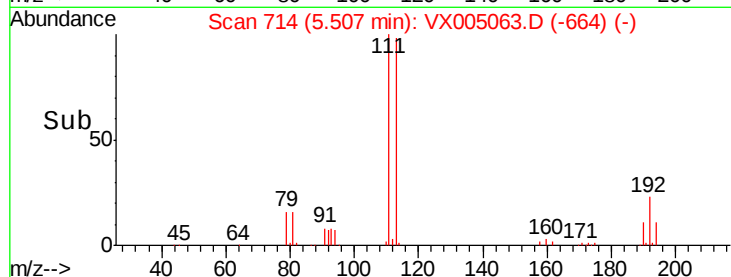
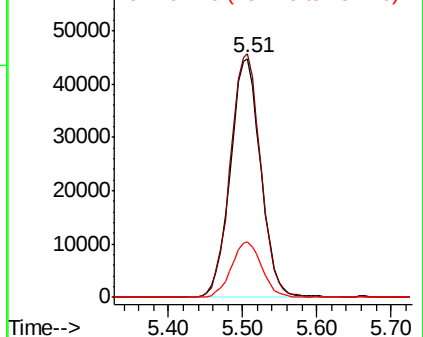
#35
 Dibromofluoromethane
 Concen: 47.426 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005063.D
 Acq: 05 Oct 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-100218-C

Tot Ion:113 Resp: 127945
 Ion Ratio Lower Upper
 113 100
 111 101.9 77.0 115.4
 192 23.1 17.0 25.6

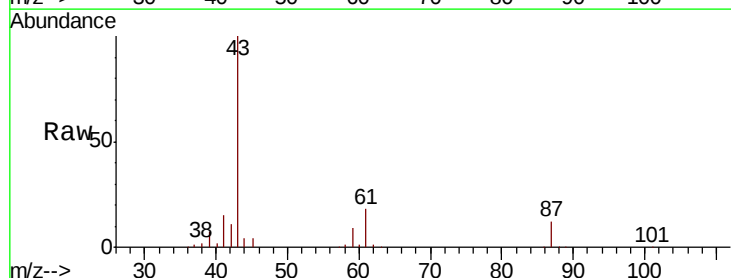


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

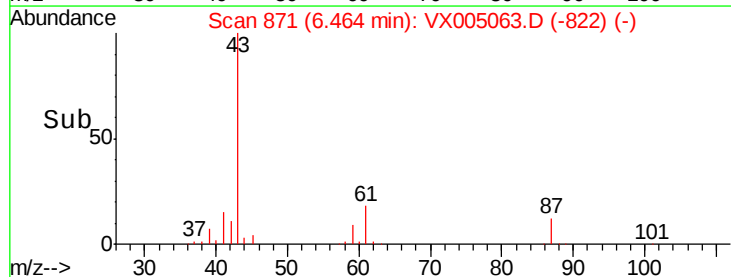
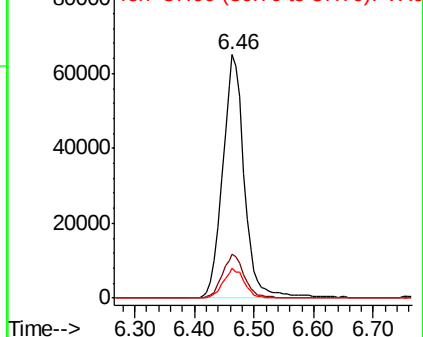


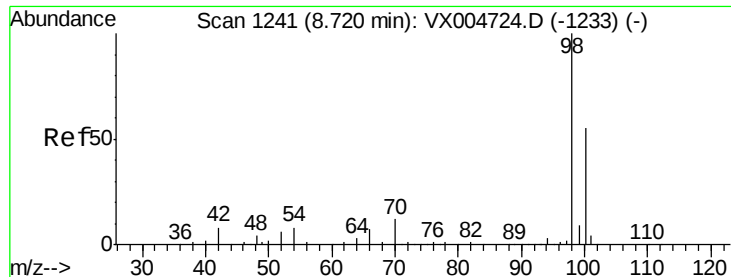
#43
 Isopropyl Acetate
 Concen: 23.316 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005063.D
 Acq: 05 Oct 2018 12:05

Tgt Ion: 43 Resp: 164422
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.2 21.4
 87 11.8 9.3 13.9



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: 51.967 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005063.D

Acq: 05 Oct 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

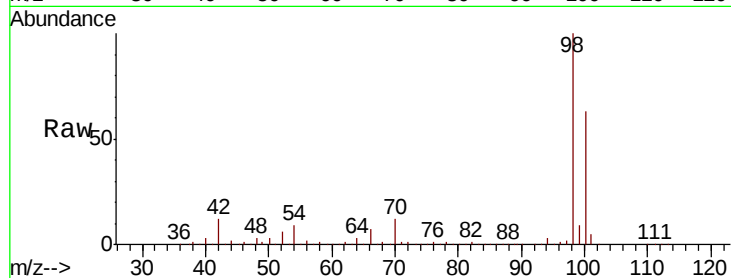
CL-01-100218-C

Tot Ion: 98 Resp: 466079

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

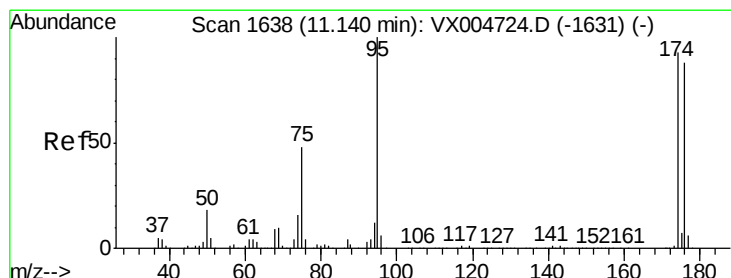
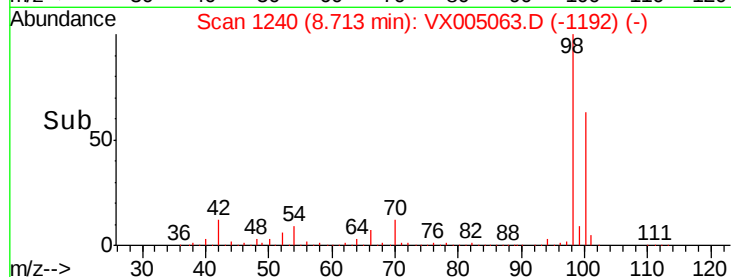
100000

50000

0

Time-->

8.60 8.80 9.00



#62

4-Bromofluorobenzene

Concen: 50.183 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005063.D

Acq: 05 Oct 2018 12:05

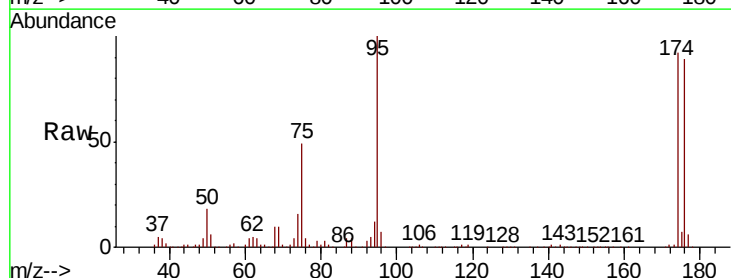
Tgt Ion: 95 Resp: 162142

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

176 88.6 0.0 180.2



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

11.14

150000

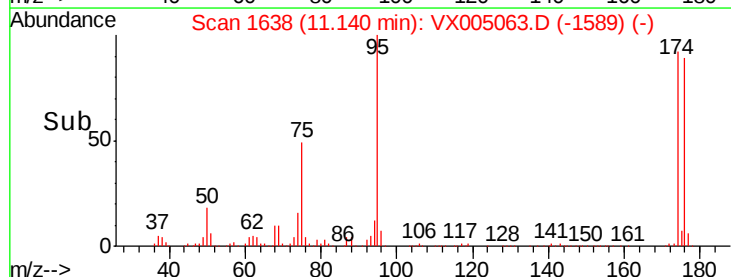
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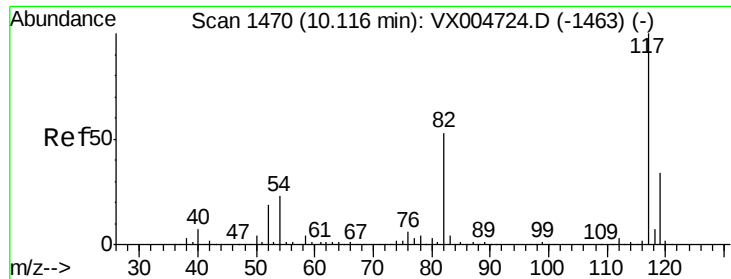
50000

0

Time-->

11.10 11.20

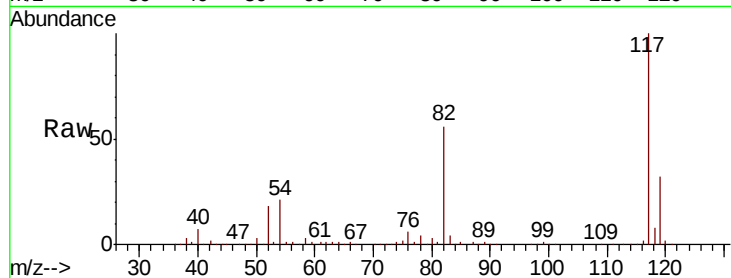




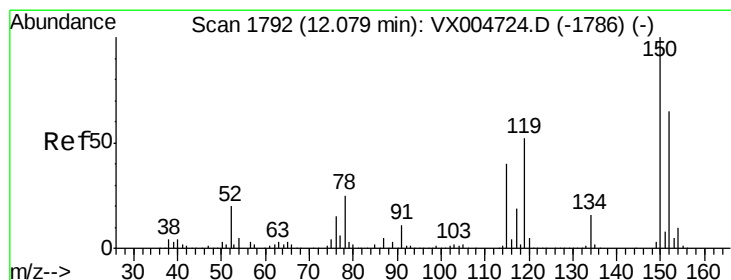
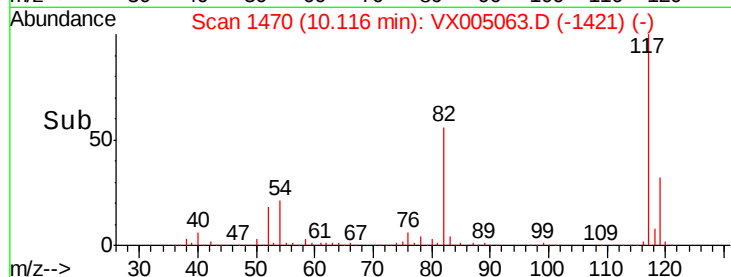
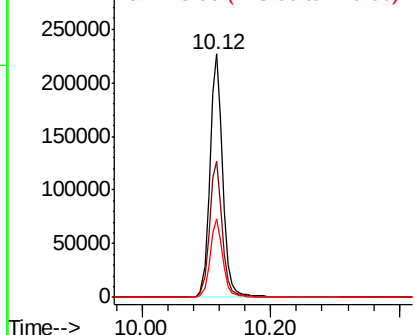
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005063.D
Acq: 05 Oct 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-C

Tot Ion:117 Resp: 316125
Ion Ratio Lower Upper
117 100
82 55.6 42.2 63.4
119 32.4 27.4 41.0

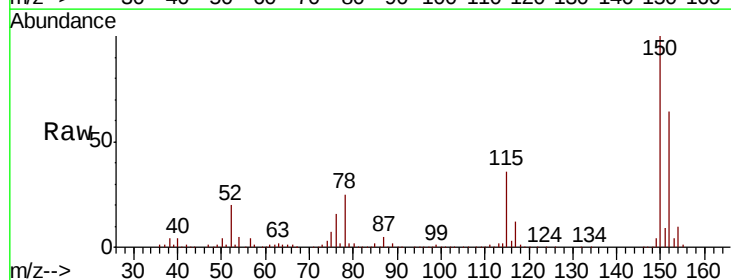


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

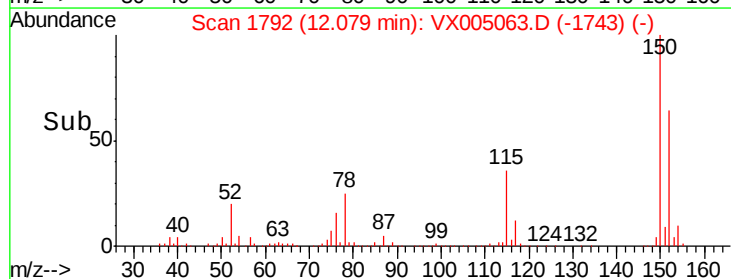
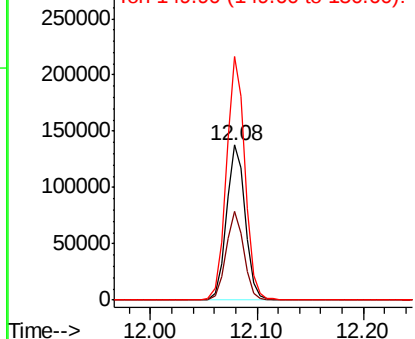


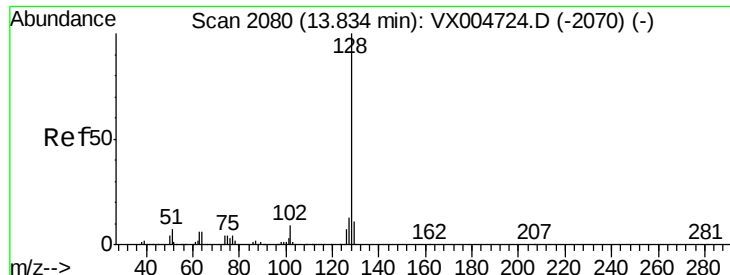
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005063.D
Acq: 05 Oct 2018 12:05

Tgt Ion:152 Resp: 169107
Ion Ratio Lower Upper
152 100
115 55.0 40.2 120.6
150 155.0 0.0 351.0



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: 2.618 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005063.D

Acq: 05 Oct 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

CL-01-100218-C

Tot Ion:128 Resp: 27097

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 12.0 8.7 13.1

