

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005064.D
 Acq On : 05 Oct 2018 12:31
 Operator : JC/MD
 Sample : J5198-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 102 Sample Multiplier: 1

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

Quant Time: Oct 05 14:05:17 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

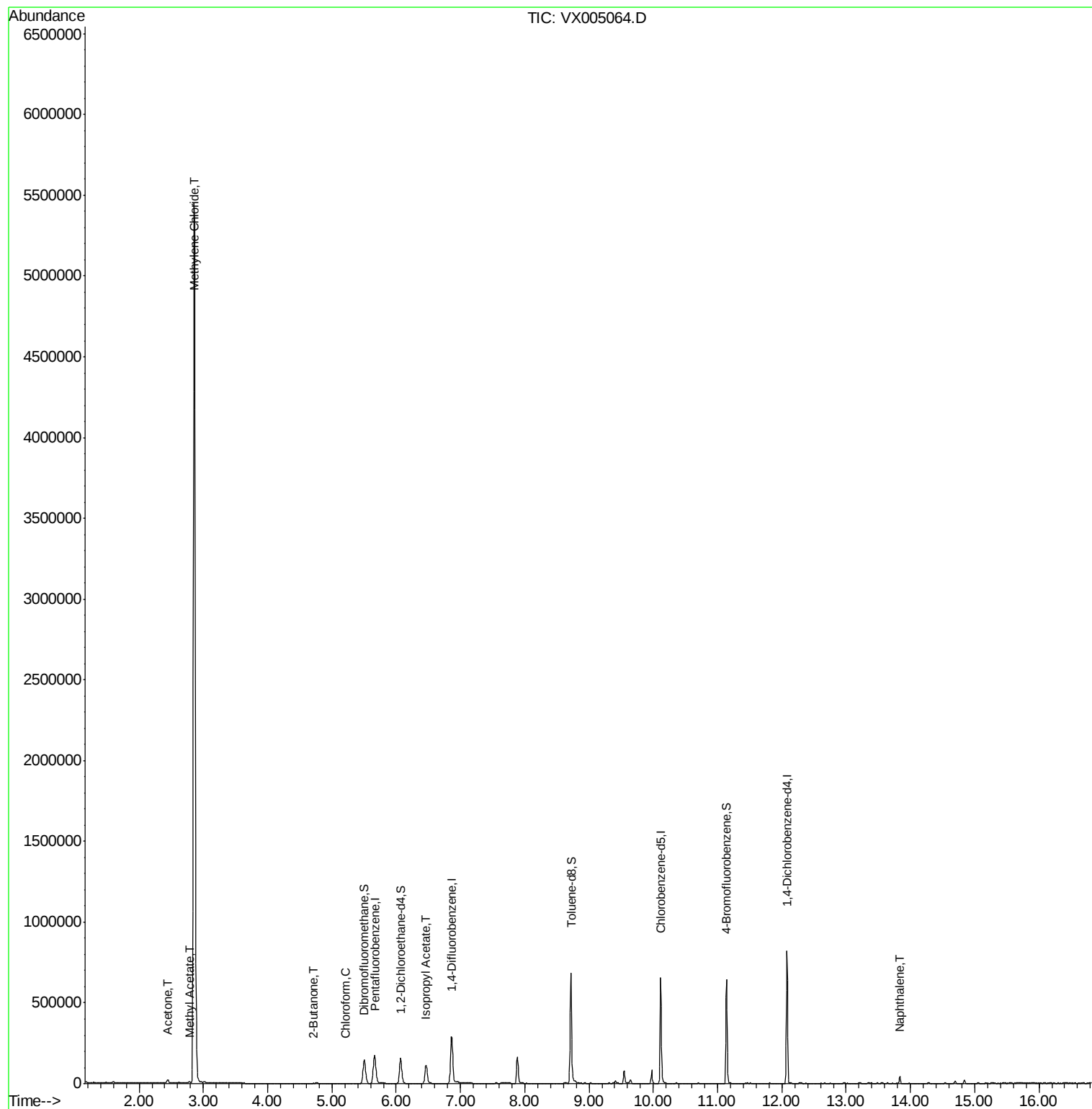
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149403	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
35) Dibromofluoromethane	5.50	113	124064	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.72	98	452702	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.14	95	161539	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
Target Compounds						
16) Acetone	2.45	43	20591	13.333	ug/l #	89
18) Methyl Acetate	2.78	43	9815	2.509	ug/l	98
20) Methylene Chloride	2.85	84	2499369	1131.275	ug/l	88
25) 2-Butanone	4.71	43	4287	1.883	ug/l	95
30) Chloroform	5.22	83	1593	0.383	ug/l	88
43) Isopropyl Acetate	6.46	43	162471	23.505	ug/l	98
95) Naphthalene	13.83	128	25520	2.495	ug/l	99

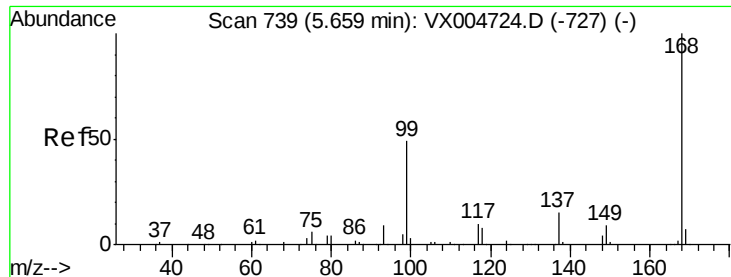
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

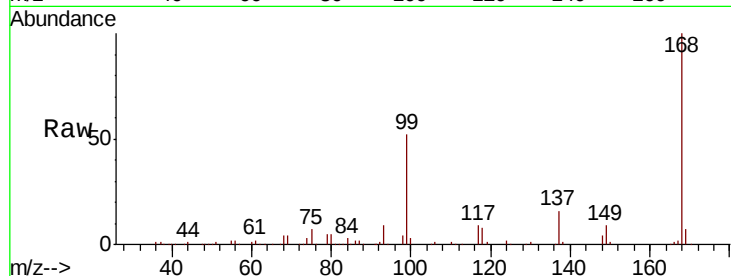
CL-01-100218-D

Tot Ion:168 Resp: 185172

Ion Ratio Lower Upper

168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

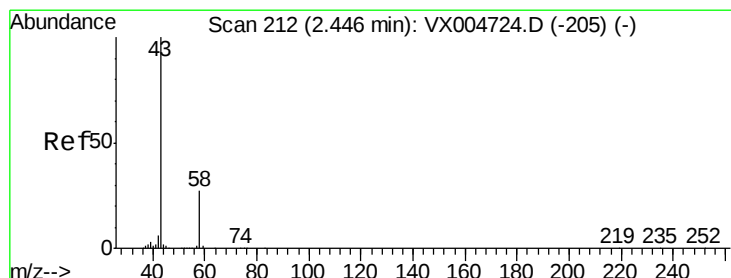
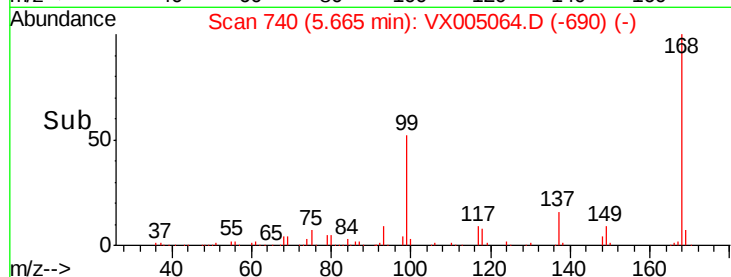
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.333 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005064.D

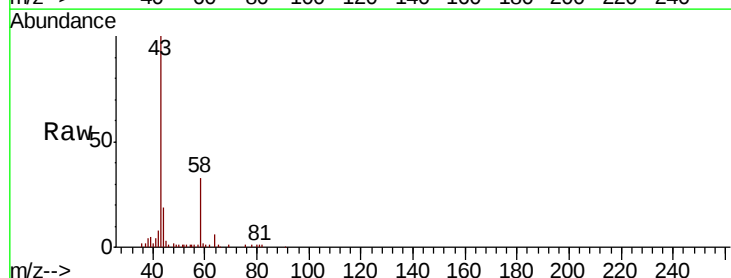
Acq: 05 Oct 2018 12:31

Tgt Ion: 43 Resp: 20591

Ion Ratio Lower Upper

43 100

58 32.9 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-205) (-)

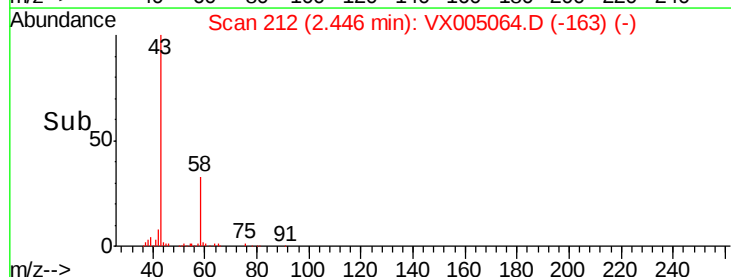
2.45

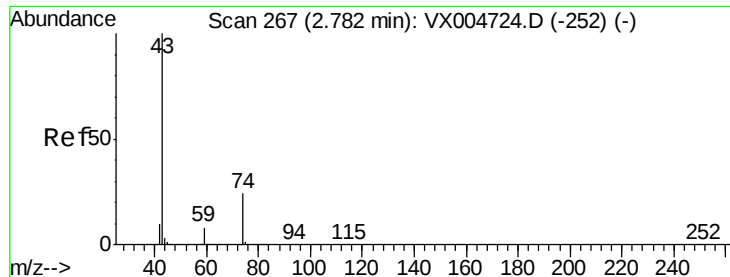
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

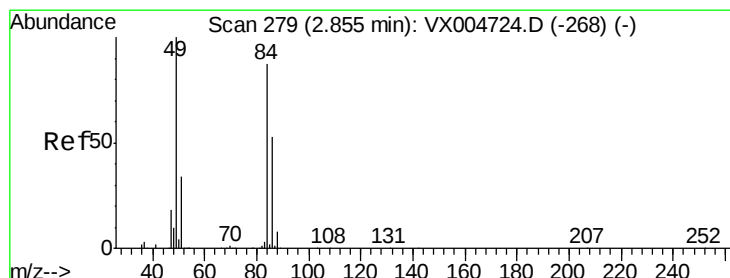
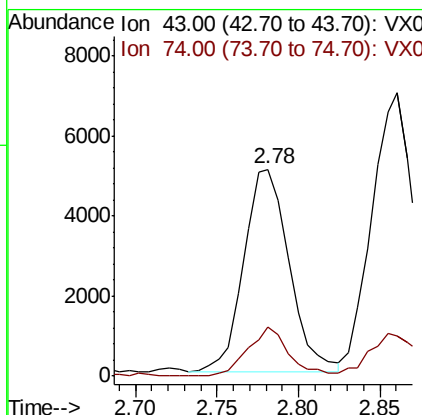
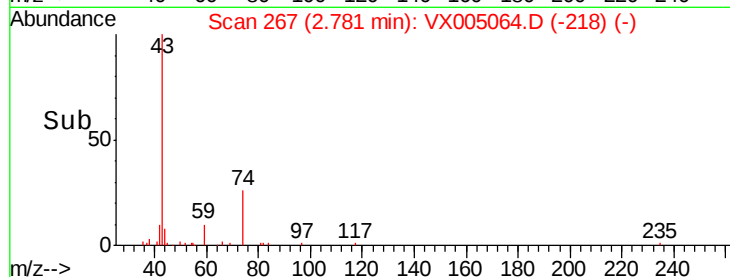
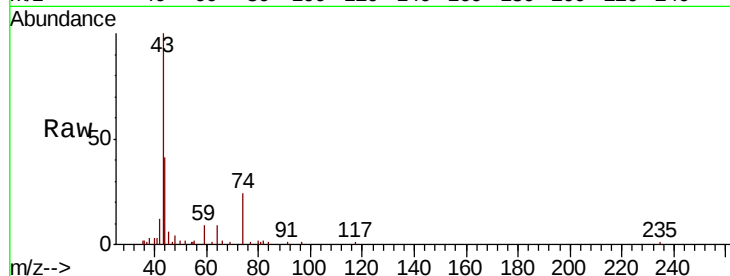




#18
Methyl Acetate
Concen: 2.509 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005064.D
Acq: 05 Oct 2018 12:31

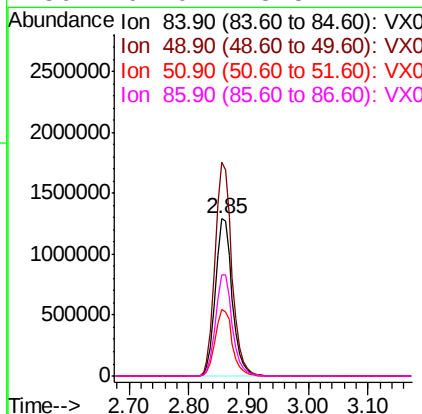
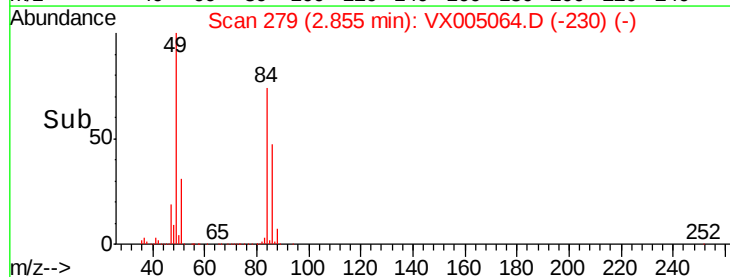
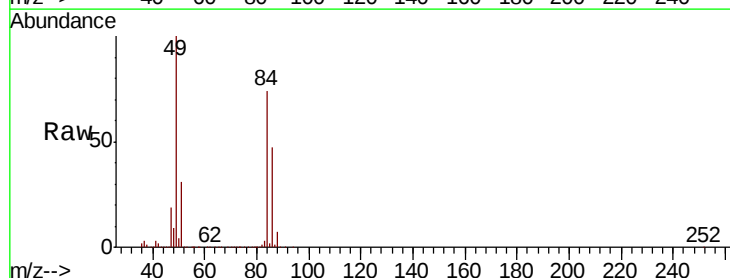
Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-D

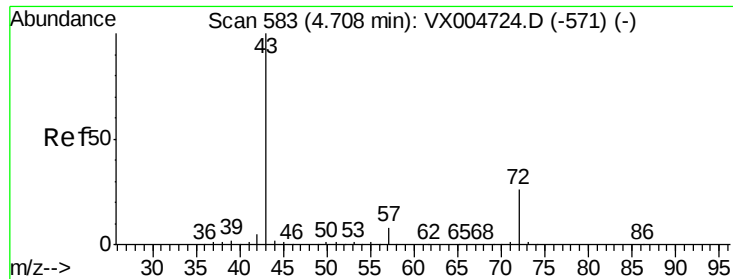
Tot Ion: 43 Resp: 9815
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 1131.275 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005064.D
Acq: 05 Oct 2018 12:31

Tgt Ion: 84 Resp: 2499369
Ion Ratio Lower Upper
84 100
49 136.0 92.3 138.5
51 42.2 31.8 47.6
86 64.0 48.5 72.7

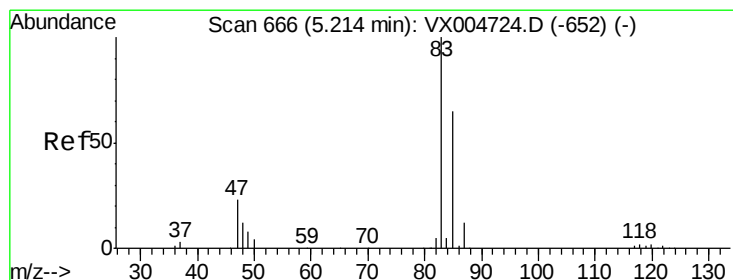
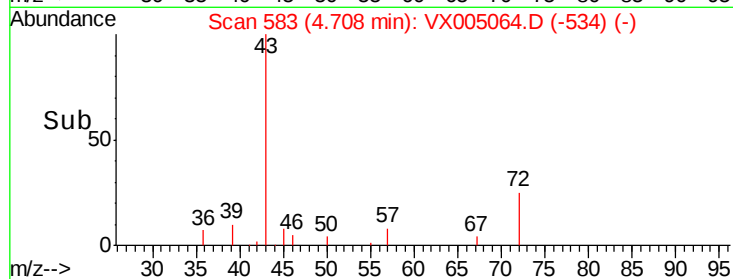
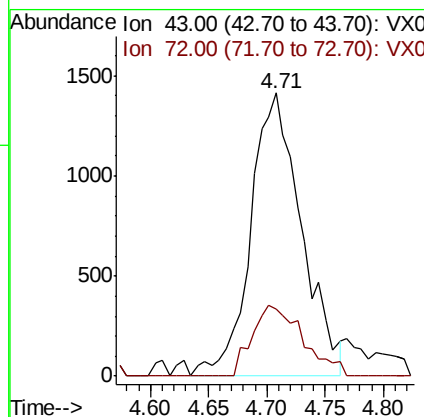
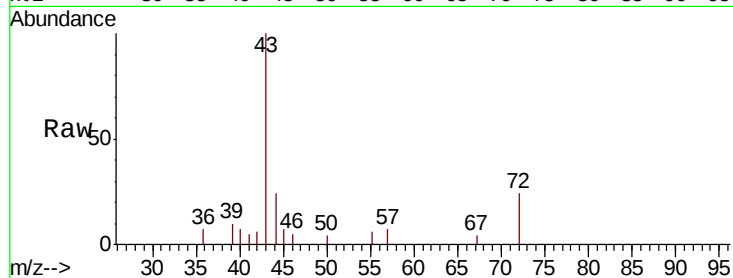




#25
2-Butanone
Concen: 1.883 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005064.D
Acq: 05 Oct 2018 12:31

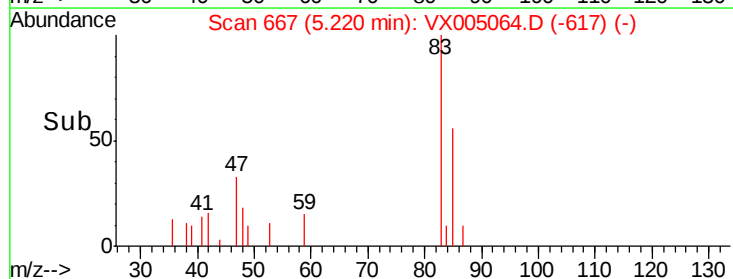
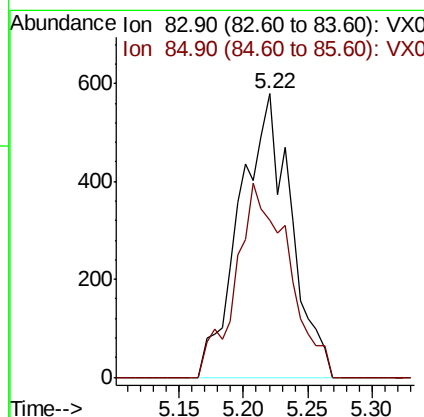
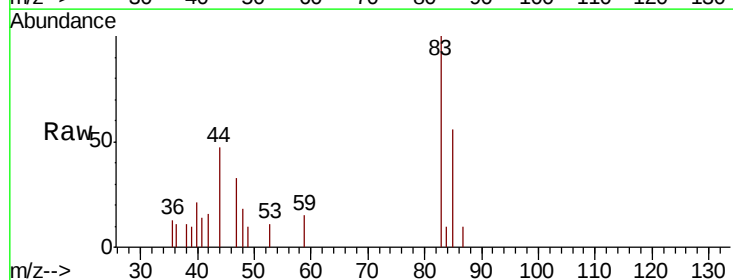
Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-D

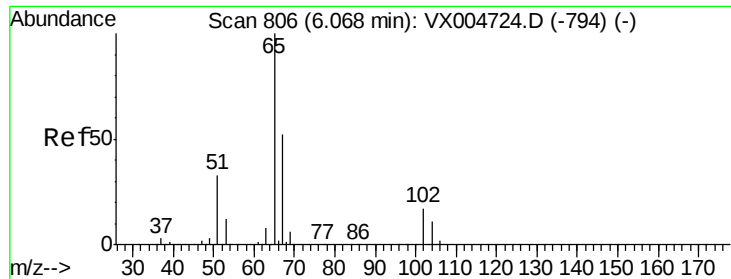
Tot Ion: 43.00 Resp: 4287
Ion Ratio Lower Upper
43 100
72 23.6 20.8 31.2



#30
Chloroform
Concen: 0.383 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005064.D
Acq: 05 Oct 2018 12:31

Tgt Ion: 83 Resp: 1593
Ion Ratio Lower Upper
83 100
85 55.6 52.4 78.6





#33

1,2-Dichloroethane-d4

Concen: 56.481 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

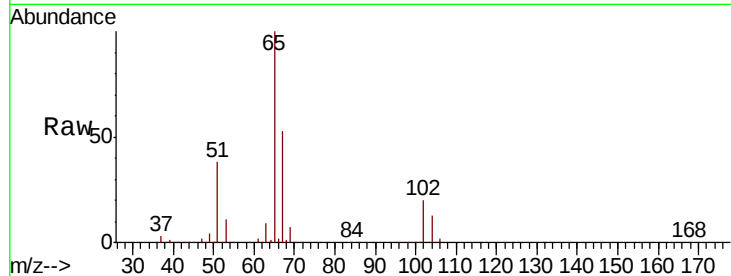
CL-01-100218-D

Tot Ion: 65 Resp: 149403

Ion Ratio Lower Upper

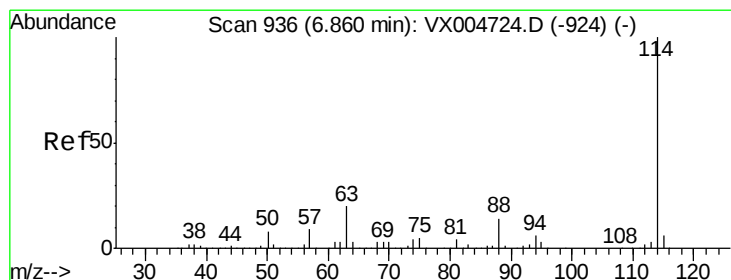
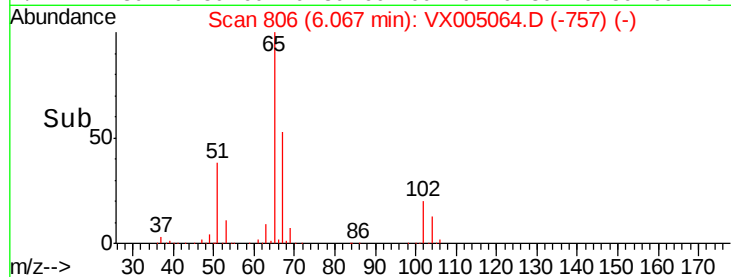
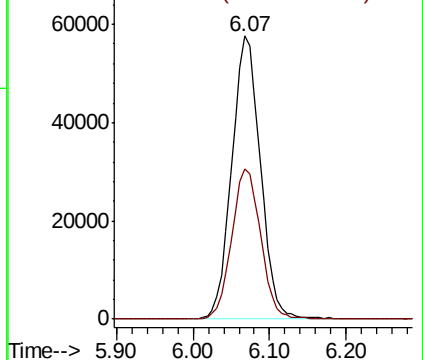
65 100

67 53.6 0.0 107.4



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

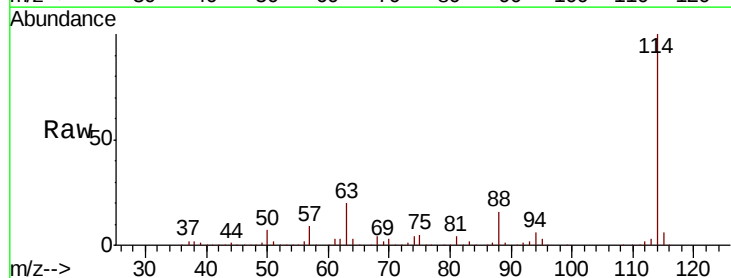
Tgt Ion: 114 Resp: 312002

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

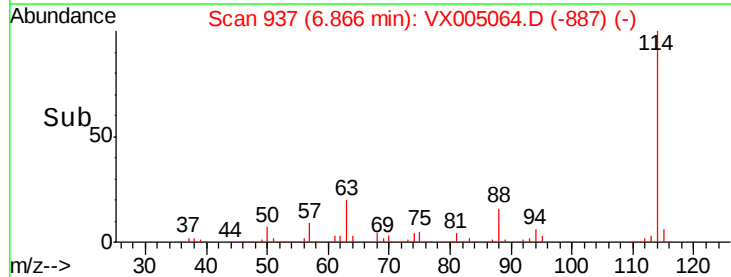
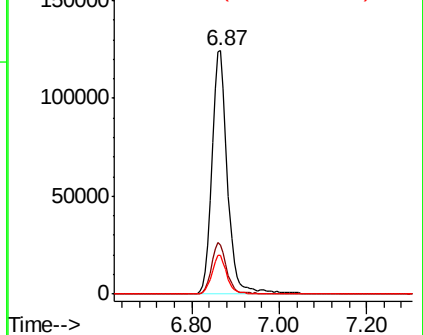
88 15.8 0.0 27.0

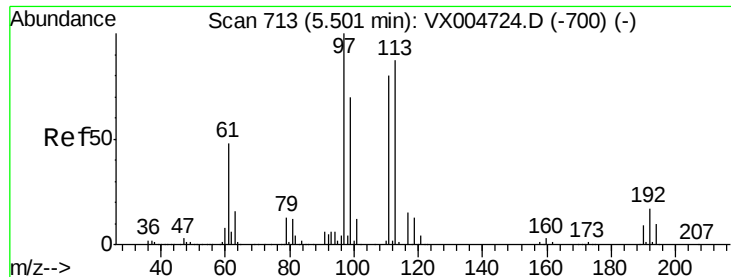


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.918 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

CL-01-100218-D

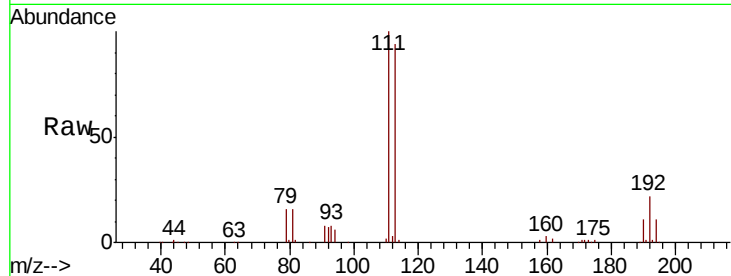
Tot Ion:113 Resp: 124064

Ion Ratio Lower Upper

113 100

111 102.9 77.0 115.4

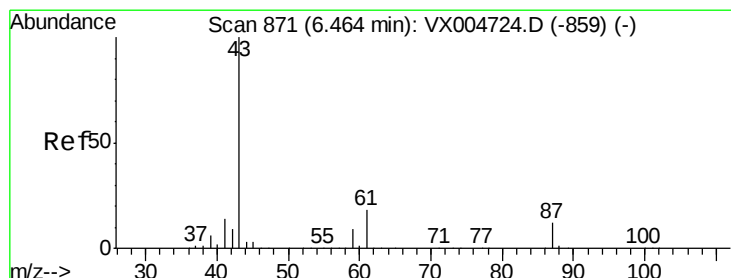
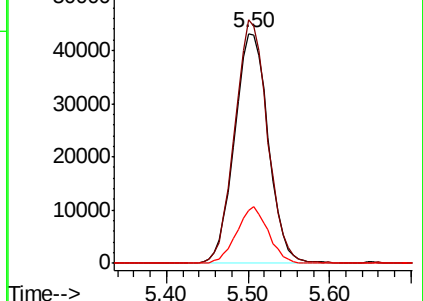
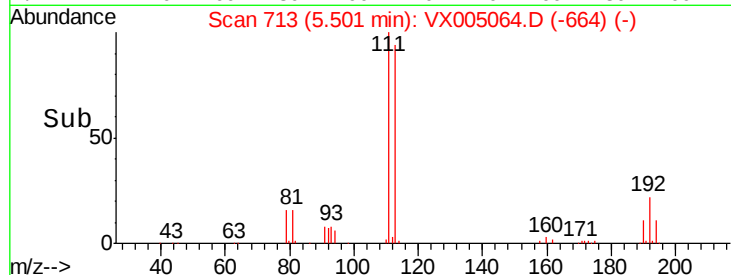
192 23.1 17.0 25.6



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: 23.505 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

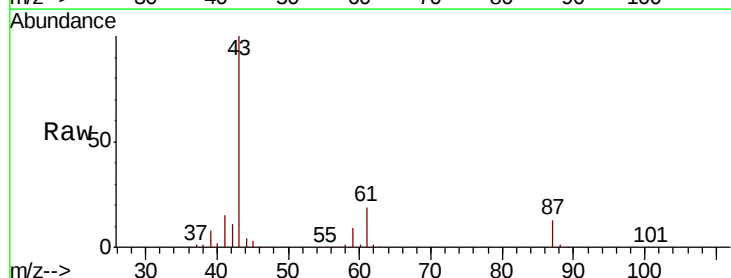
Tgt Ion: 43 Resp: 162471

Ion Ratio Lower Upper

43 100

61 19.0 14.2 21.4

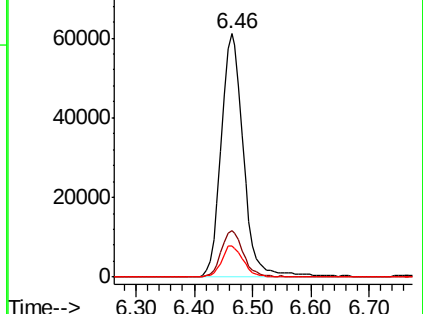
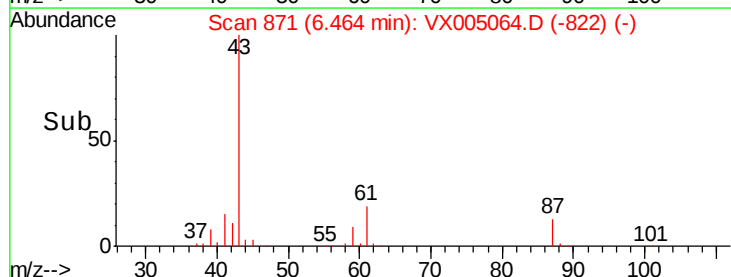
87 12.3 9.3 13.9

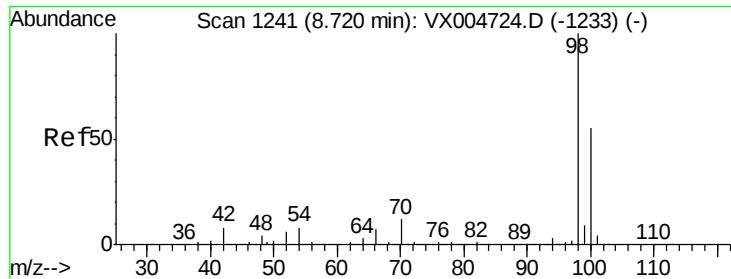


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.497 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

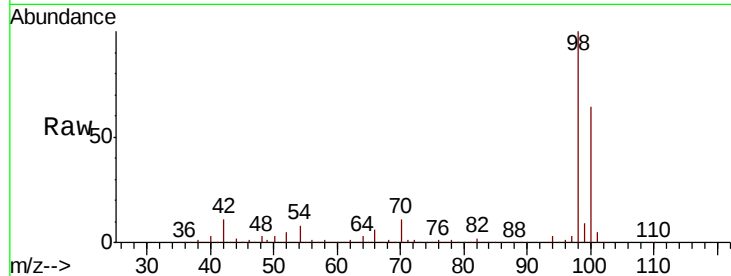
CL-01-100218-D

Tot Ion: 98 Resp: 452702

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

150000

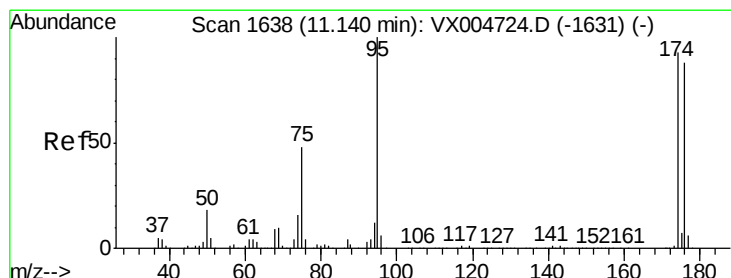
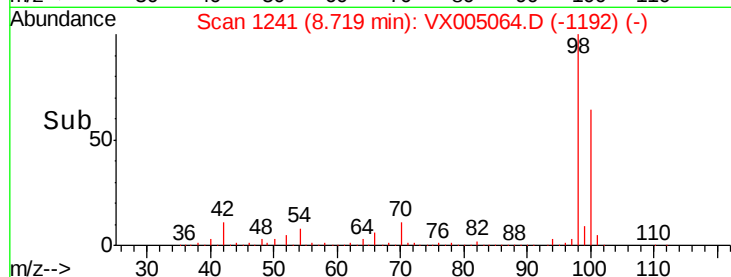
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 51.008 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

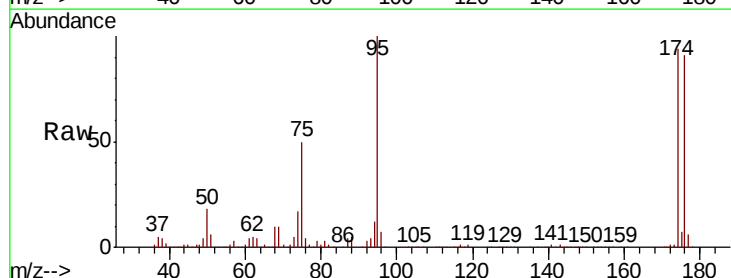
Tgt Ion: 95 Resp: 161539

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.0

176 89.8 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

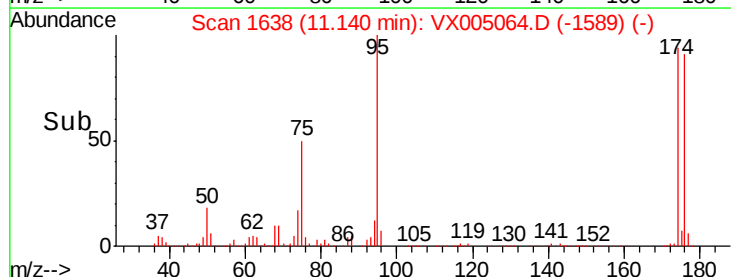
100000

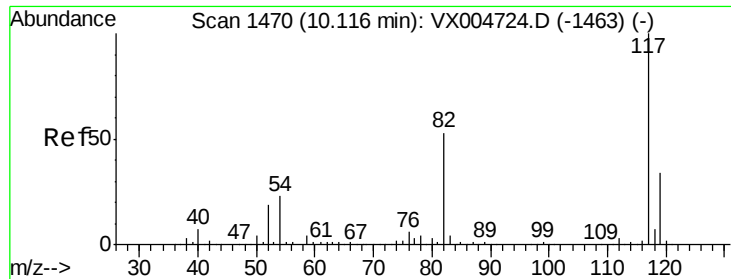
50000

0

Time-->

11.10 11.20 11.30

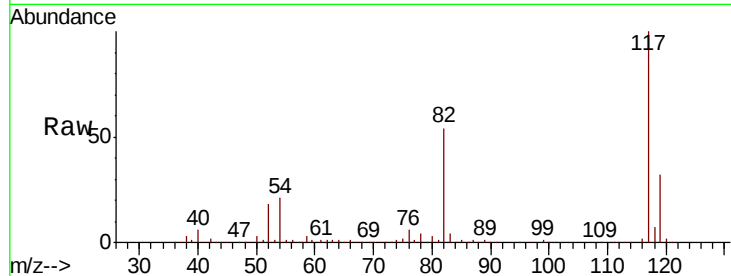




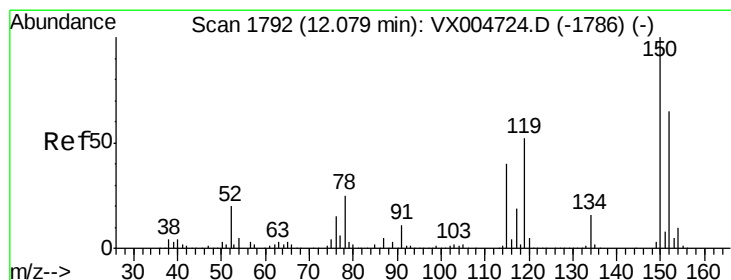
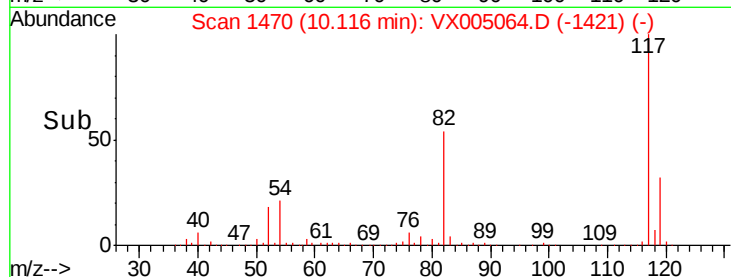
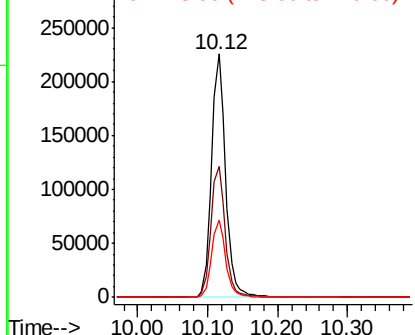
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005064.D
Acq: 05 Oct 2018 12:31

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

Tot Ion:117 Resp: 316495
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 31.6 27.4 41.0

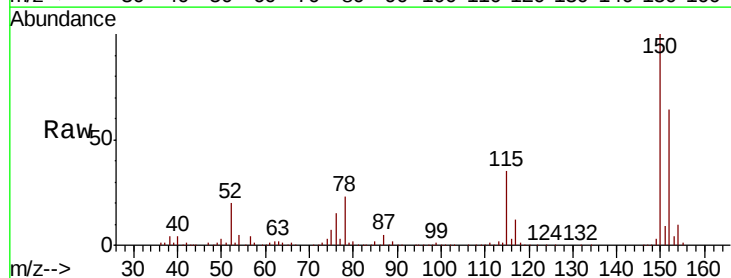


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

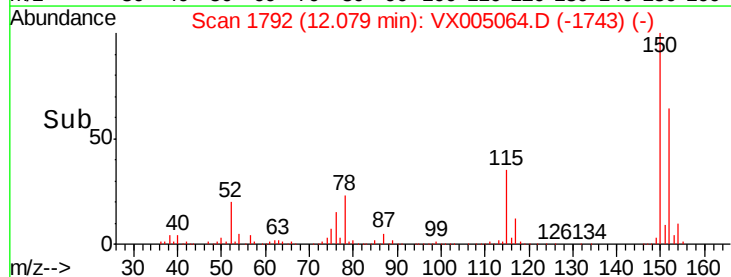
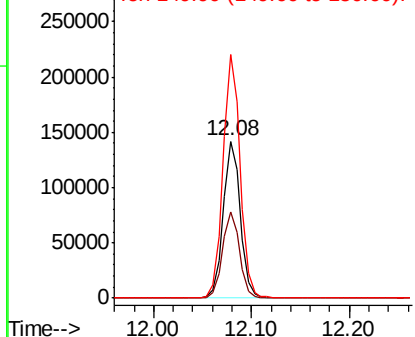


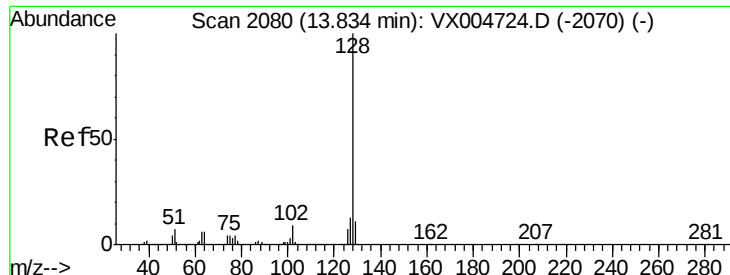
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005064.D
Acq: 05 Oct 2018 12:31

Tgt Ion:152 Resp: 170310
Ion Ratio Lower Upper
152 100
115 55.1 40.2 120.6
150 155.7 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: 2.495 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005064.D

Acq: 05 Oct 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

CL-01-100218-D

Tot Ion:128 Resp: 25520

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.9 8.7 13.1

