

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005275.D
 Acq On : 12 Oct 2018 00:55
 Operator : JC/MD
 Sample : J5373-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB37708-7211990-45911RT

Quant Time: Oct 12 08:09:54 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	194848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145644	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	125399	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
50) Toluene-d8	8.72	98	392813	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	138270	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

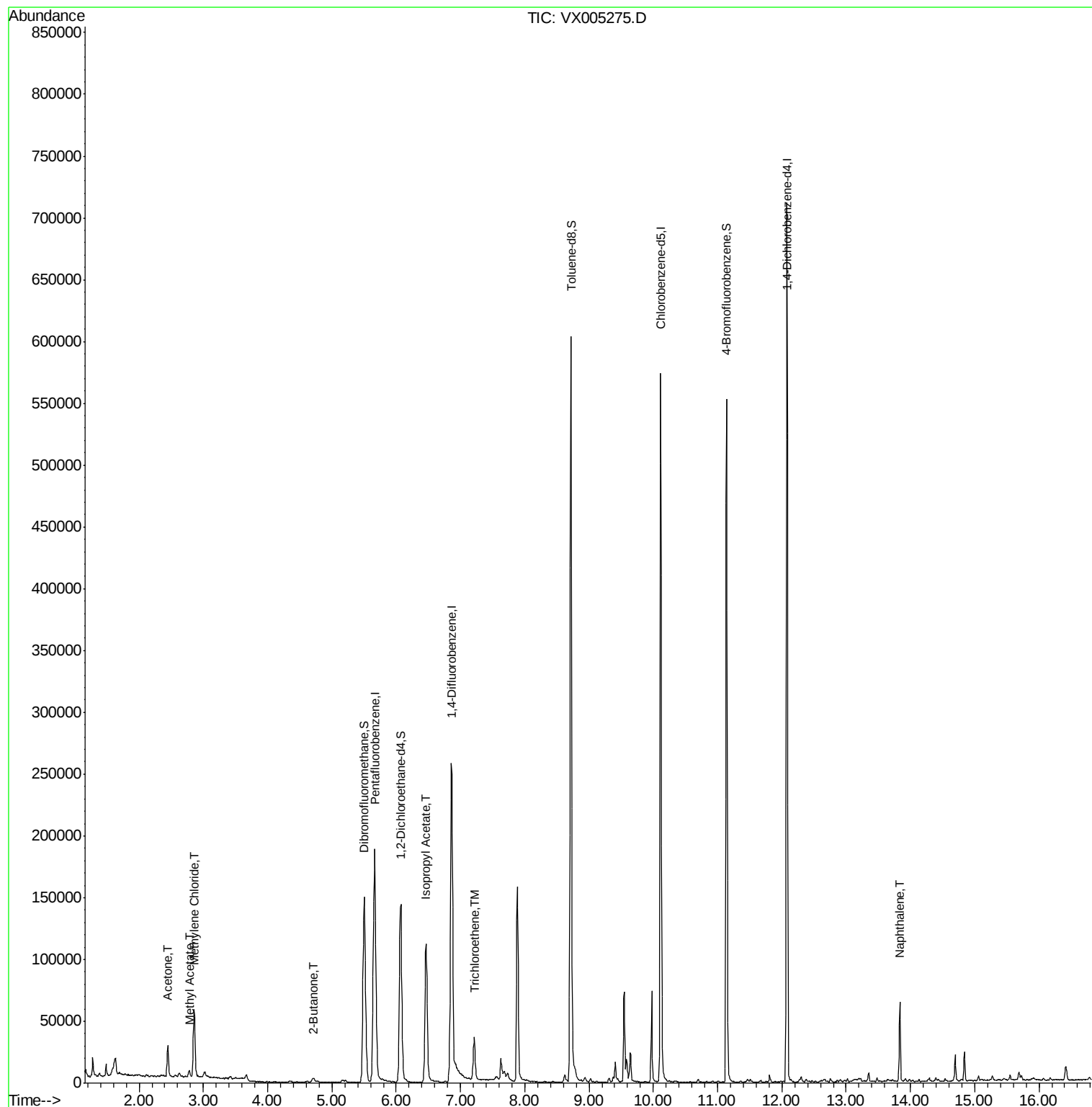
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	26384	16.24	ug/l	# 83
18) Methyl Acetate	2.78	43	6540	1.59	ug/l	94
20) Methylene Chloride	2.85	84	24343	9.63	ug/l	92
25) 2-Butanone	4.71	43	6175	2.58	ug/l	97
43) Isopropyl Acetate	6.46	43	147271	25.23	ug/l	97
44) Trichloroethene	7.21	130	13587	5.80	ug/l	93
95) Naphthalene	13.83	128	38869	3.83	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005275.D

Acq: 12 Oct 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

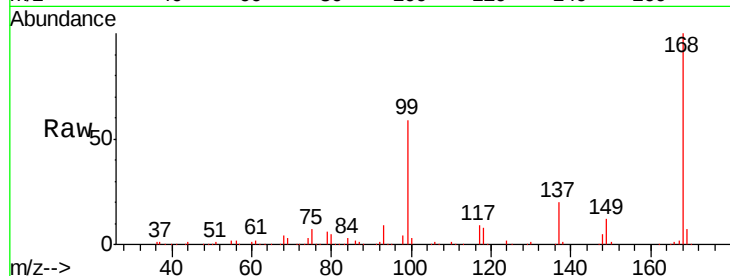
RB37708-7211990-45911RT

Tgt Ion:168 Resp: 194848

Ion Ratio Lower Upper

168 100

99 58.9 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

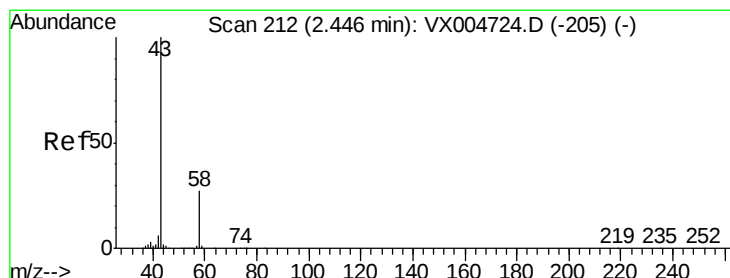
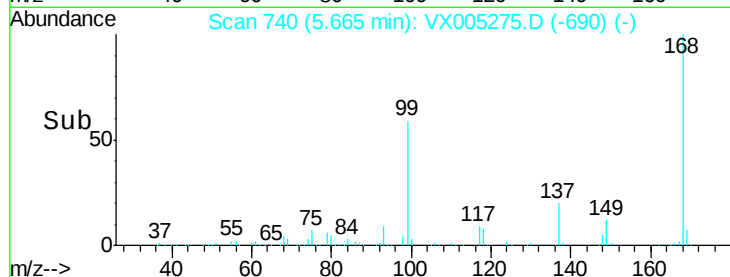
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.24 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005275.D

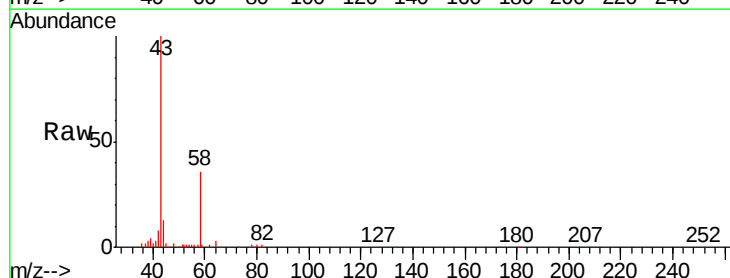
Acq: 12 Oct 2018 00:55

Tgt Ion: 43 Resp: 26384

Ion Ratio Lower Upper

43 100

58 36.2 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

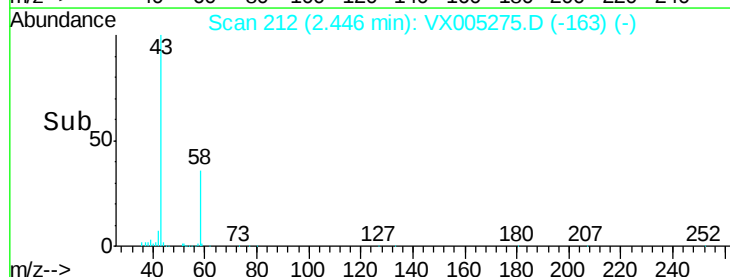
15000

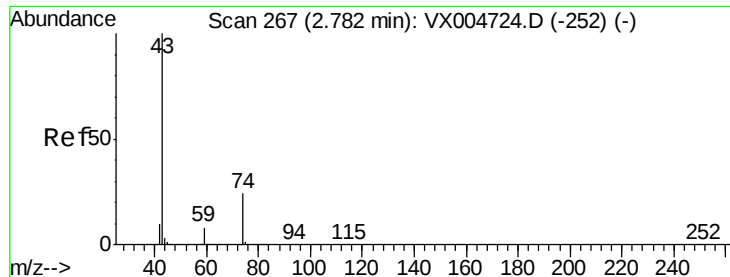
10000

5000

0

Time--> 2.40 2.45 2.50

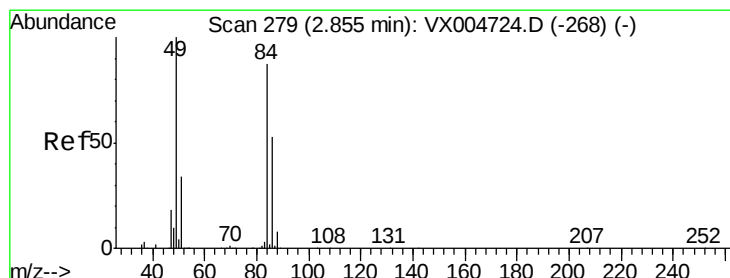
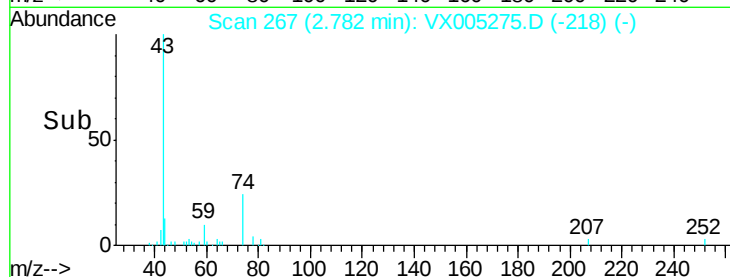
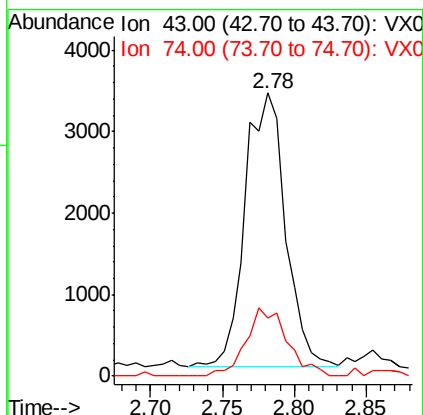
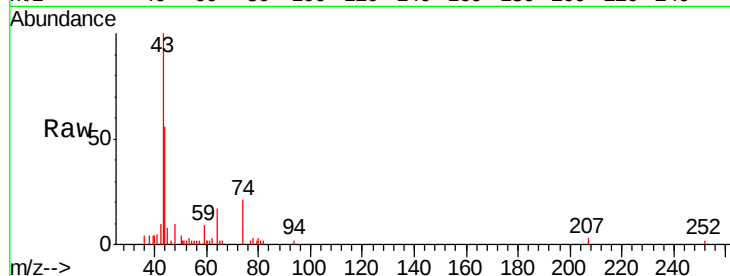




#18
Methyl Acetate
Concen: 1.59 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

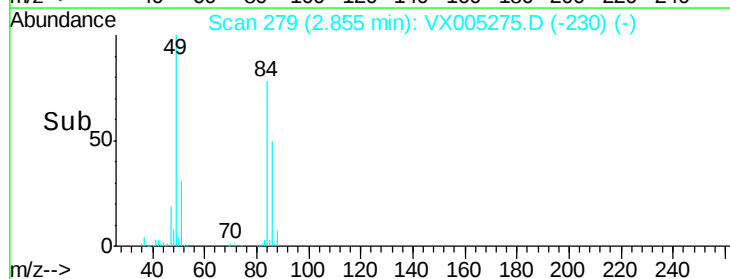
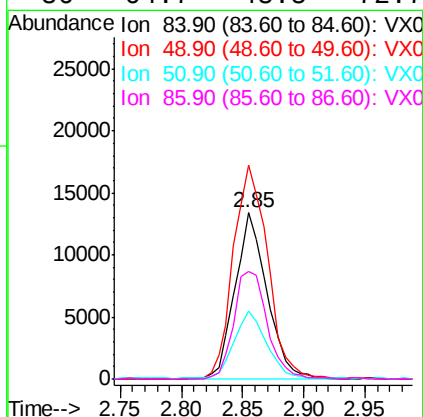
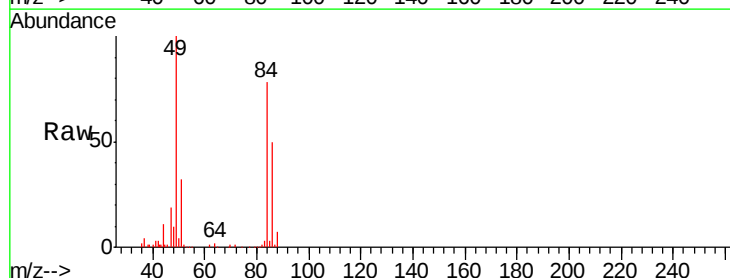
Instrument :
MSVOA_X
ClientSampleId :
RB37708-7211990-45911RT

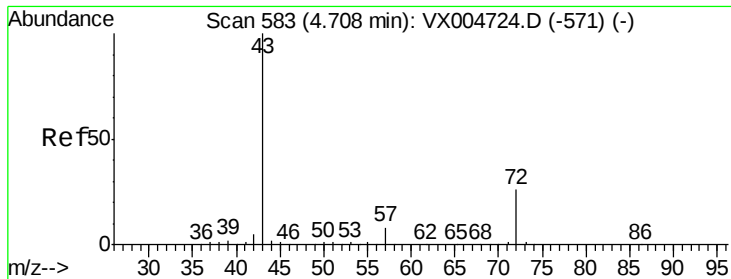
Tgt Ion: 43 Resp: 6540
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.8



#20
Methylene Chloride
Concen: 9.63 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

Tgt Ion: 84 Resp: 24343
Ion Ratio Lower Upper
84 100
49 128.0 92.3 138.5
51 40.4 31.8 47.6
86 64.7 48.5 72.7





#25

2-Butanone

Concen: 2.58 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005275.D

Acq: 12 Oct 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

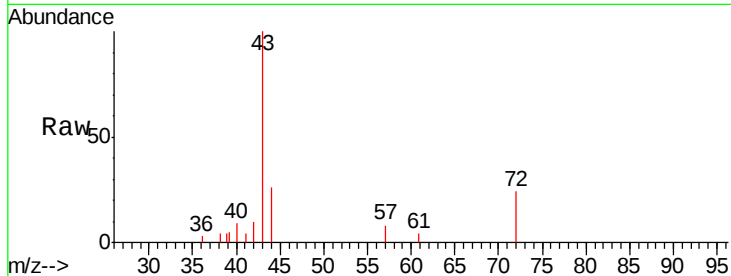
RB37708-7211990-45911RT

Tgt Ion: 43 Resp: 6175

Ion Ratio Lower Upper

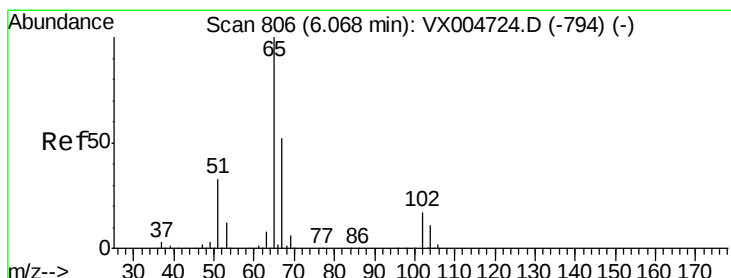
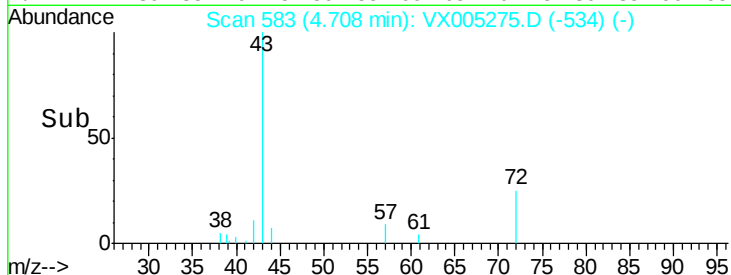
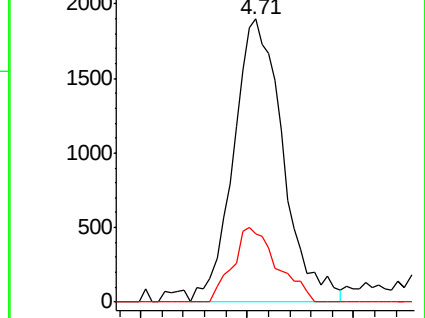
43 100

72 24.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.33 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005275.D

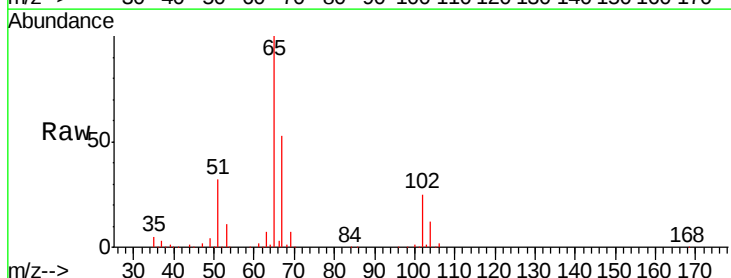
Acq: 12 Oct 2018 00:55

Tgt Ion: 65 Resp: 145644

Ion Ratio Lower Upper

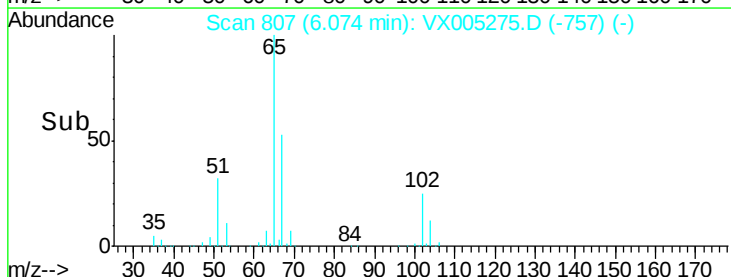
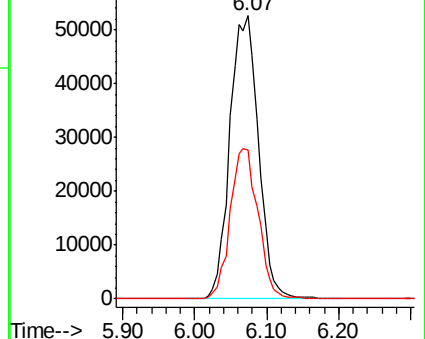
65 100

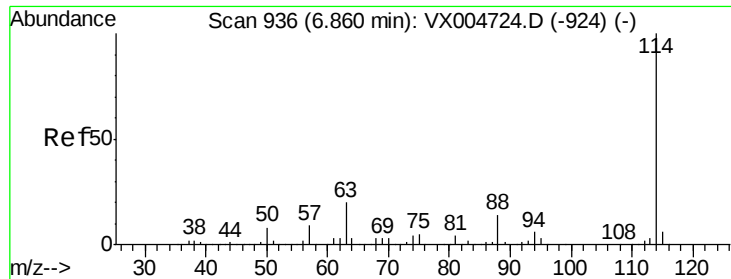
67 51.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

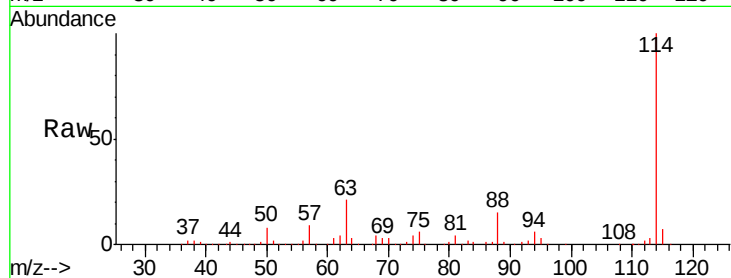




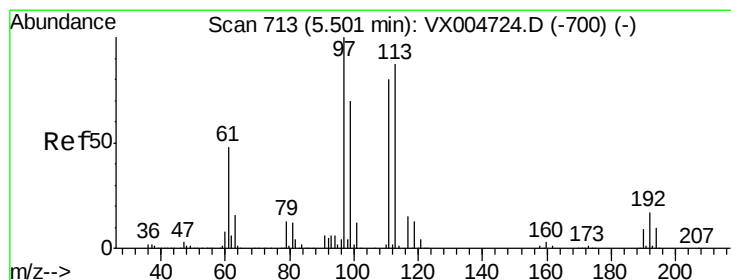
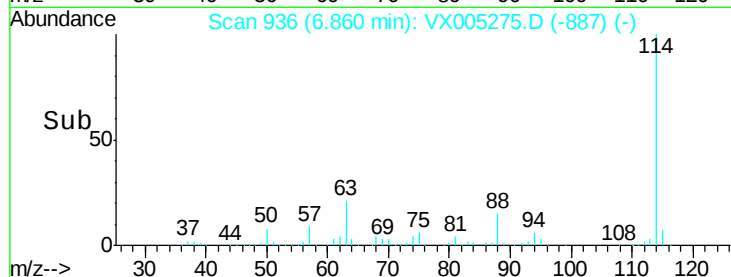
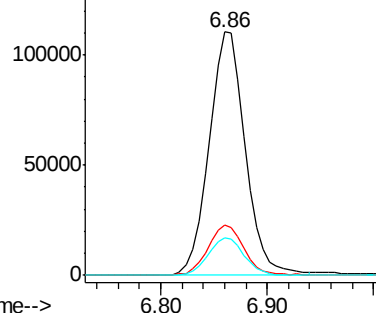
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005275.D
 Acq: 12 Oct 2018 00:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RB37708-7211990-45911RT

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.8
88	15.5	0.0	27.0

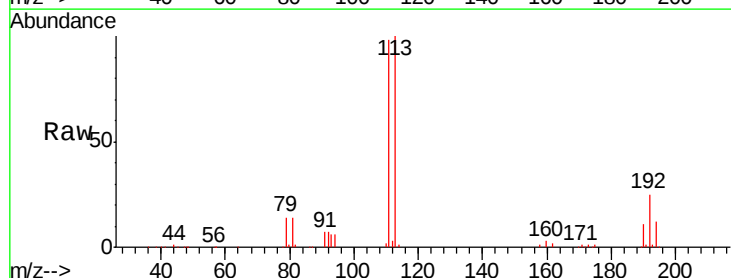


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

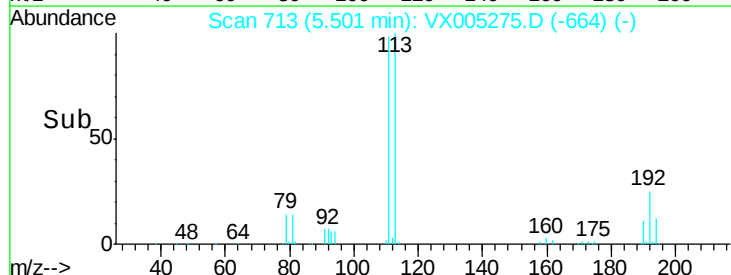
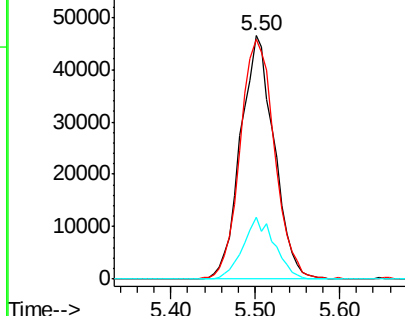


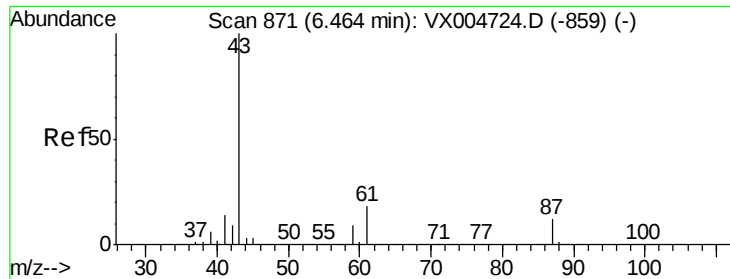
#35
 Dibromofluoromethane
 Concen: 56.16 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005275.D
 Acq: 12 Oct 2018 00:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	77.0	115.4
192	24.1	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

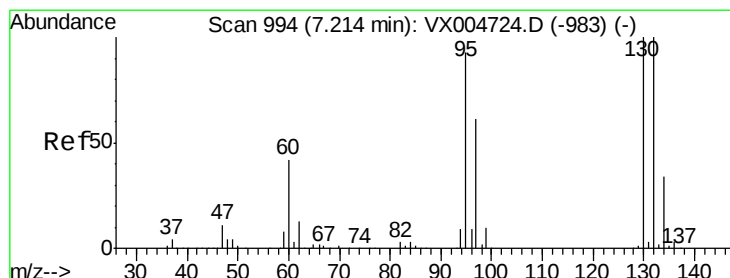
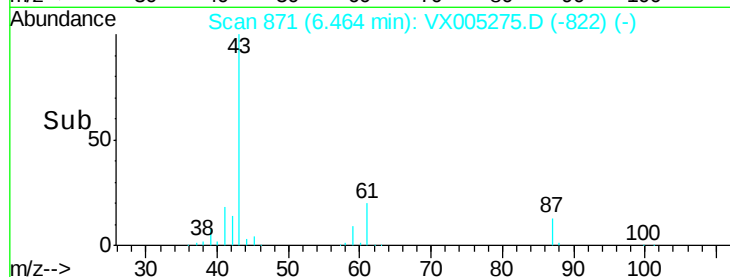
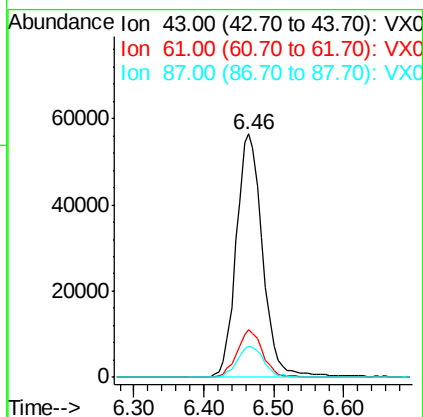
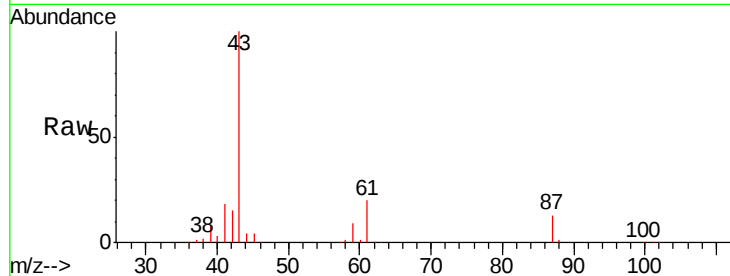




#43
Isopropyl Acetate
Concen: 25.23 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

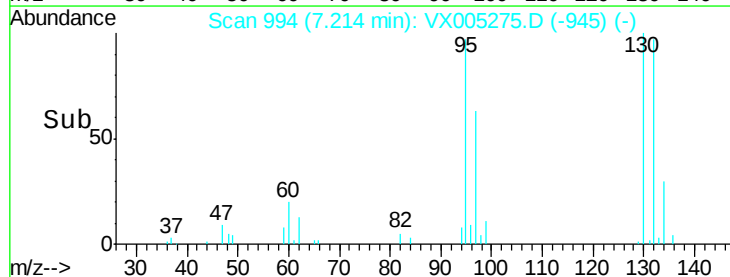
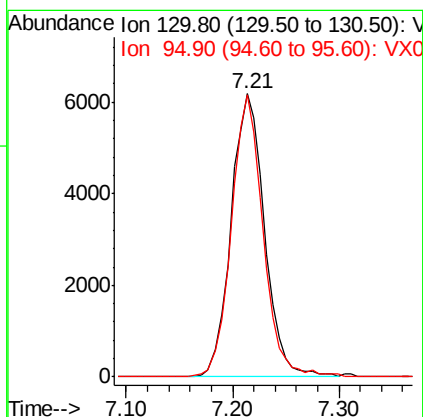
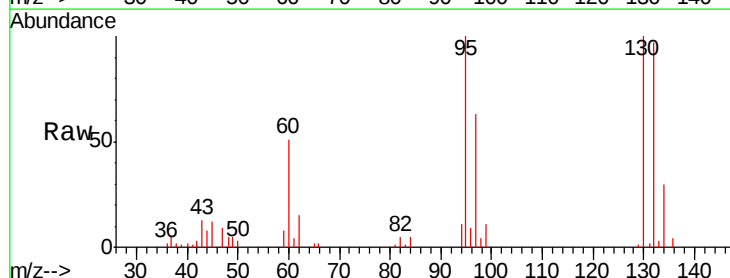
Instrument :
MSVOA_X
ClientSampleId :
RB37708-7211990-45911RT

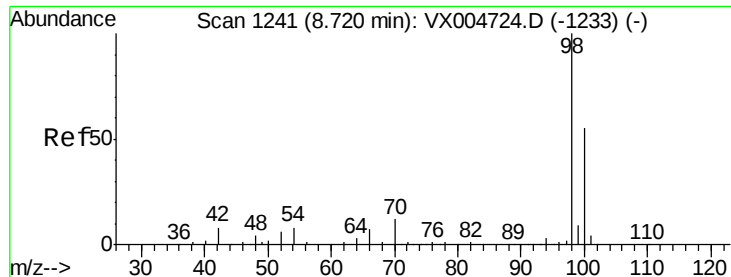
Tgt Ion: 43 Resp: 147271
Ion Ratio Lower Upper
43 100
61 19.2 14.2 21.4
87 12.9 9.3 13.9



#44
Trichloroethene
Concen: 5.80 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

Tgt Ion: 130 Resp: 13587
Ion Ratio Lower Upper
130 100
95 99.9 0.0 186.8

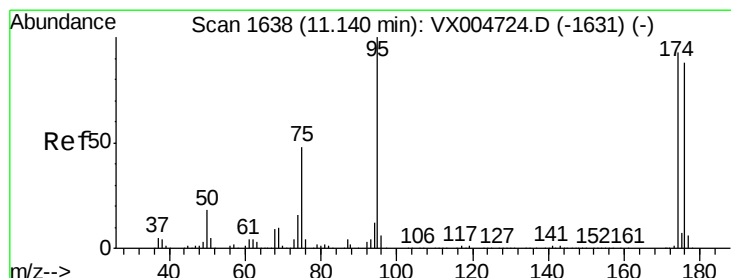
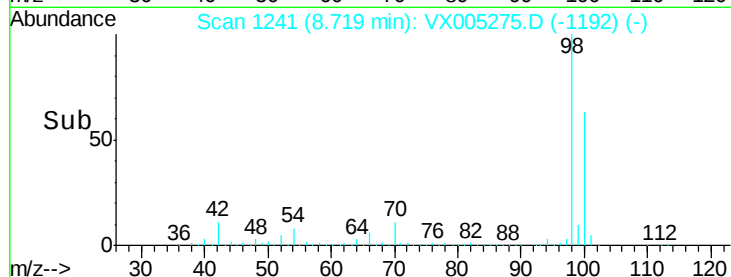
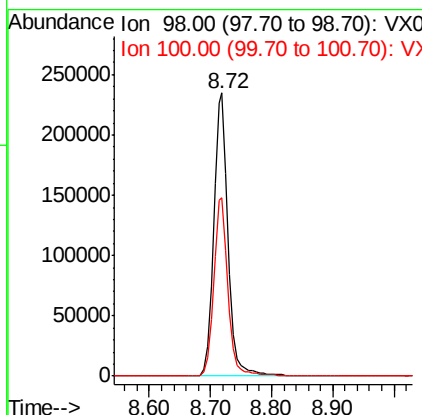
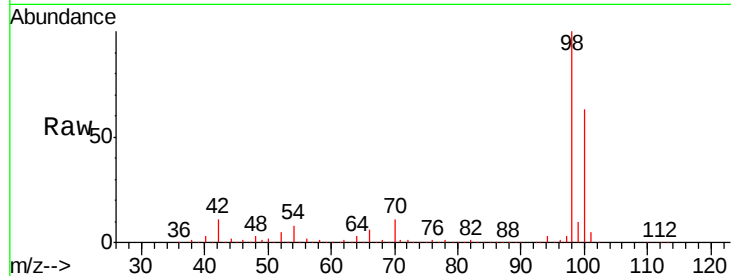




#50
Toluene-d8
Concen: 52.92 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

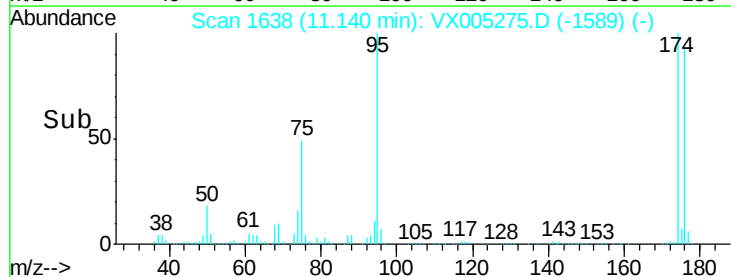
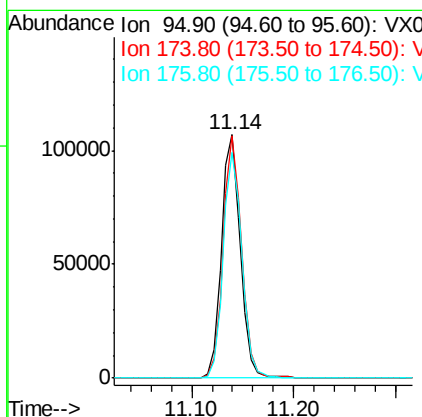
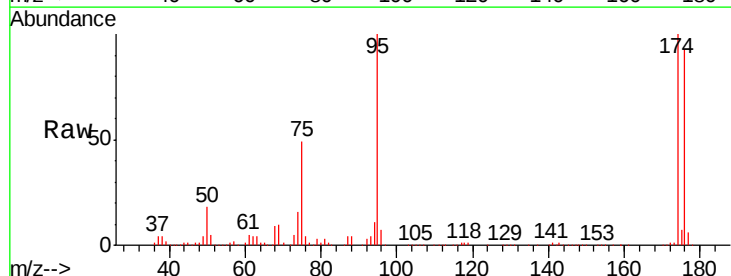
Instrument :
MSVOA_X
ClientSampleId :
RB37708-7211990-45911RT

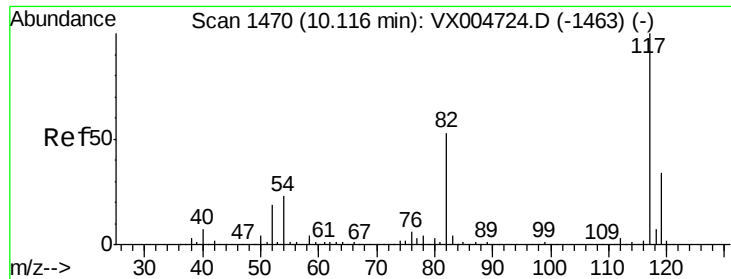
Tgt Ion: 98 Resp: 392813
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.70 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

Tgt Ion: 95 Resp: 138270
Ion Ratio Lower Upper
95 100
174 97.4 0.0 185.0
176 92.2 0.0 180.2

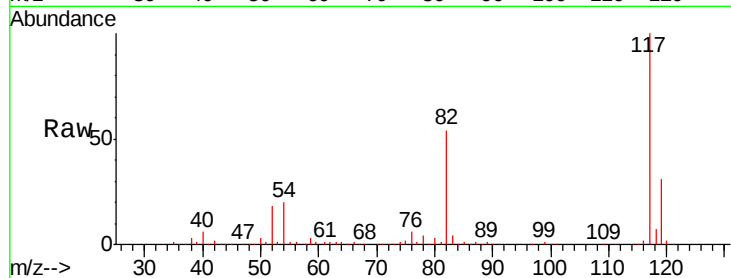




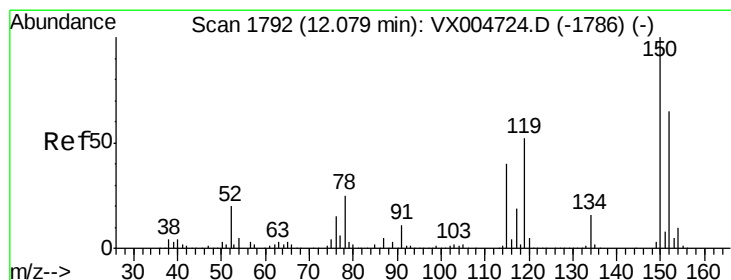
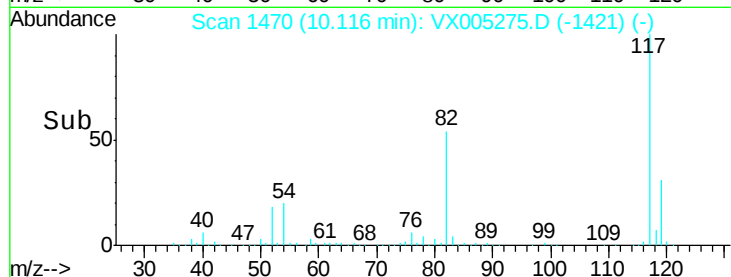
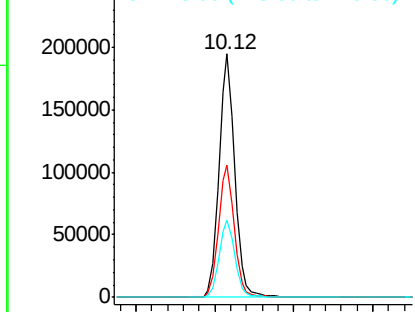
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

Instrument :
MSVOA_X
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion:117 Resp: 271203
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 31.5 27.4 41.0

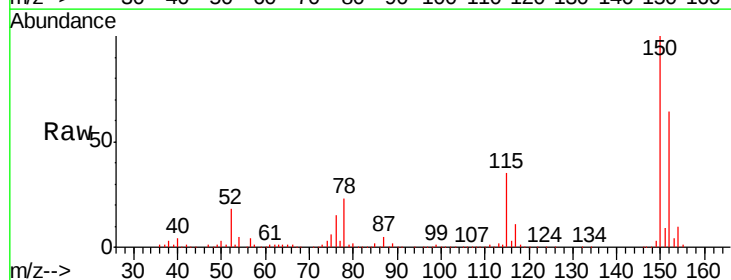


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

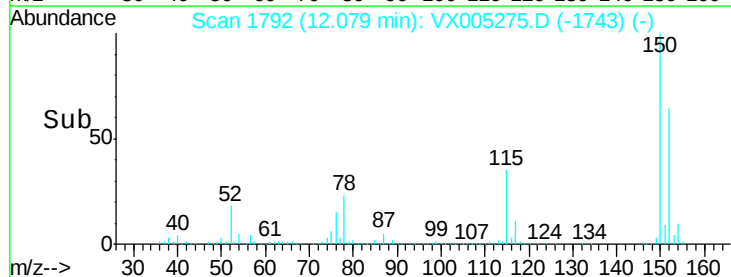
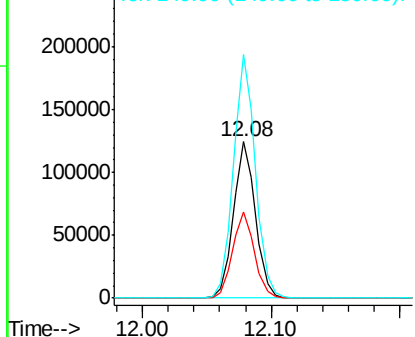


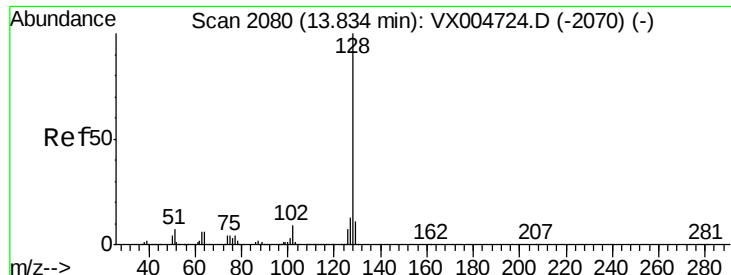
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

Tgt Ion:152 Resp: 148276
Ion Ratio Lower Upper
152 100
115 55.0 40.2 120.6
150 155.5 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: 3.83 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005275.D
Acq: 12 Oct 2018 00:55

Instrument :
MSVOA_X
ClientSampleId :
RB37708-7211990-45911RT

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	11.3	8.7	13.1

