

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005065.D
 Acq On : 05 Oct 2018 12:58
 Operator : JC/MD
 Sample : J5198-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 103 Sample Multiplier: 1

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

Quant Time: Oct 05 14:10:05 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	200869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177667	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	157640	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
35) Dibromofluoromethane	5.50	113	136932	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	8.72	98	470835	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	168200	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	

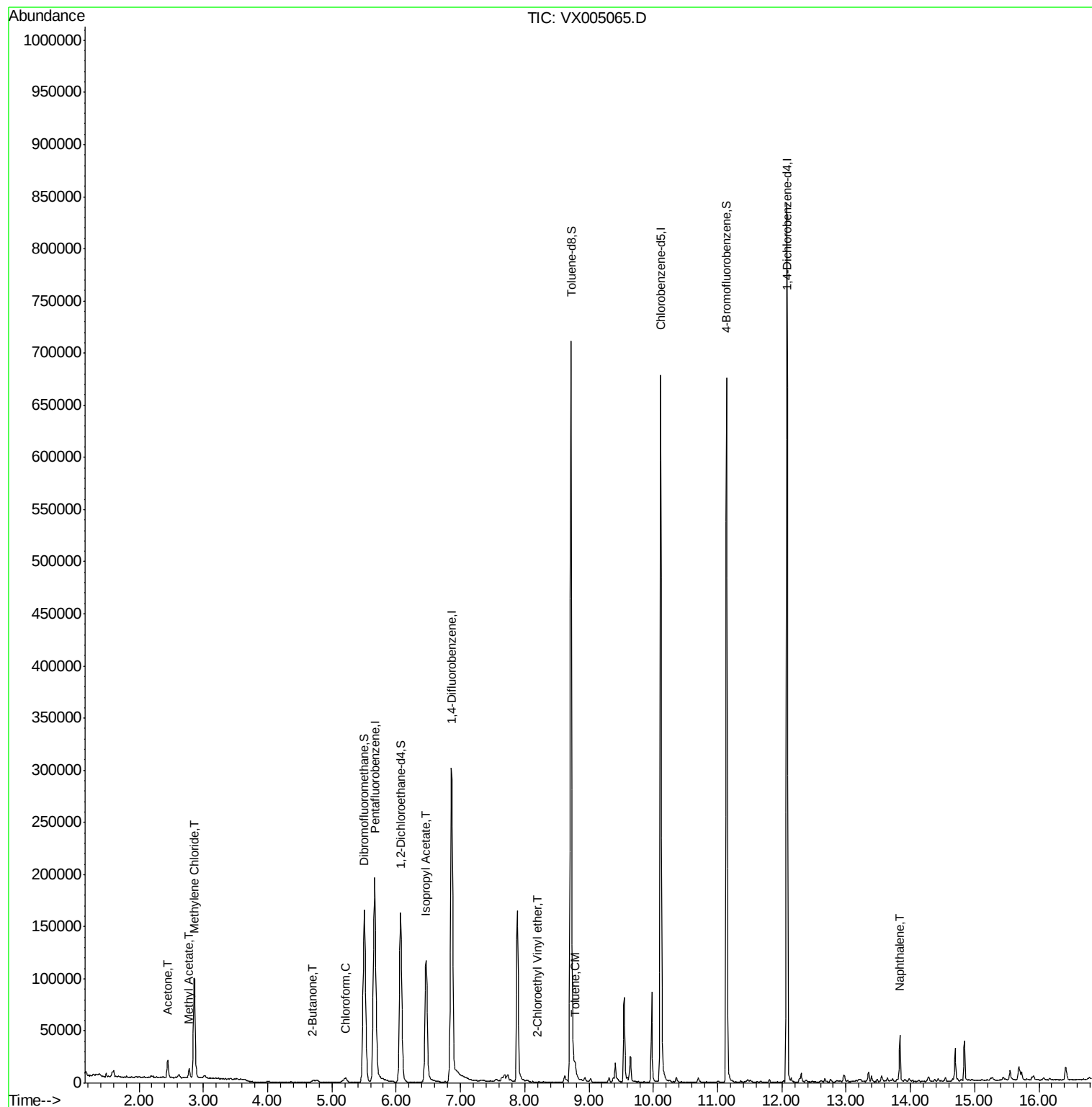
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	18860	11.258	ug/l	97
18) Methyl Acetate	2.78	43	10603	2.498	ug/l	97
20) Methylene Chloride	2.85	84	44918	17.903	ug/l	98
25) 2-Butanone	4.71	43	3871	1.568	ug/l #	86
30) Chloroform	5.22	83	4419	0.980	ug/l	93
43) Isopropyl Acetate	6.46	43	164042	23.291	ug/l	96
52) Toluene	8.78	92	1559	0.247	ug/l	83
58) 2-Chloroethyl Vinyl ether	8.20	63	22	14.251	ug/l #	49
95) Naphthalene	13.83	128	26303	2.474	ug/l	99

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

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MSVOA_X
ClientSampled :
CL-01-100218-E

Quant Time: Oct 05 14:10:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
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: VX005065.D

Acq: 05 Oct 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

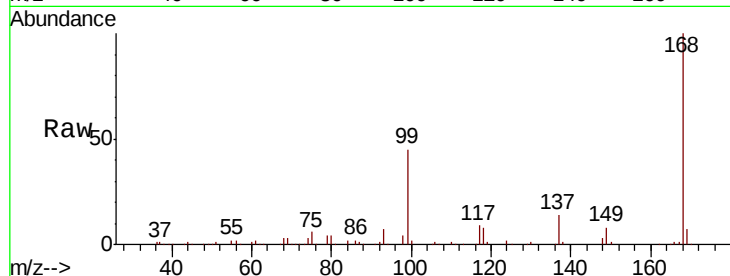
CL-01-100218-E

Tot Ion:168 Resp: 200869

Ion Ratio Lower Upper

168 100

99 45.0 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

80000

60000

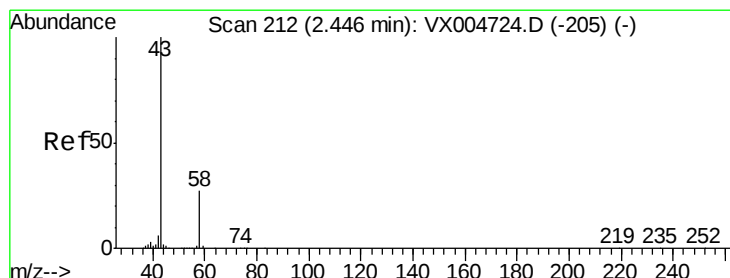
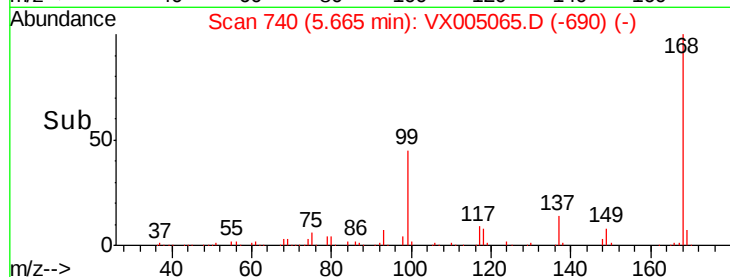
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.258 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005065.D

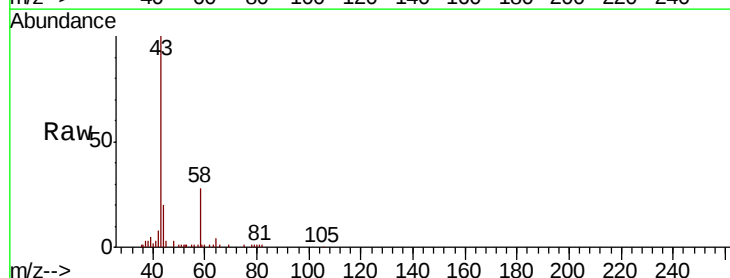
Acq: 05 Oct 2018 12:58

Tgt Ion: 43 Resp: 18860

Ion Ratio Lower Upper

43 100

58 28.6 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

12000

10000

8000

6000

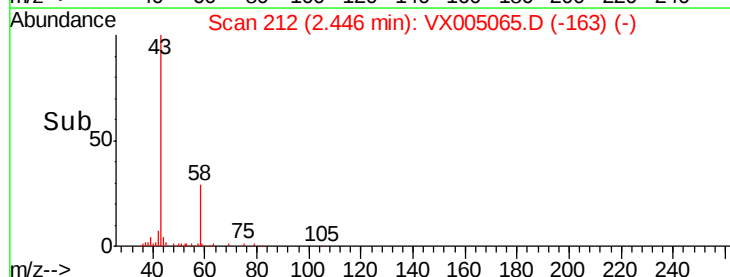
4000

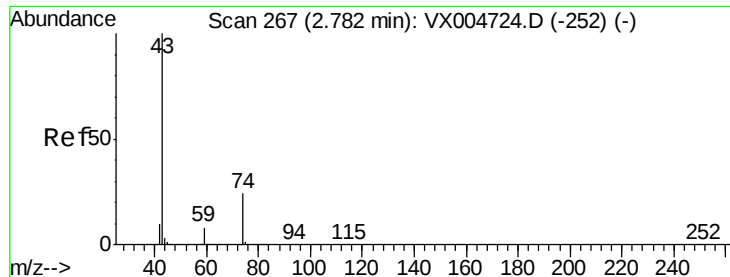
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

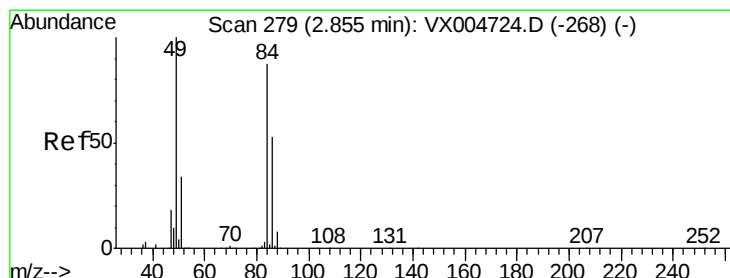
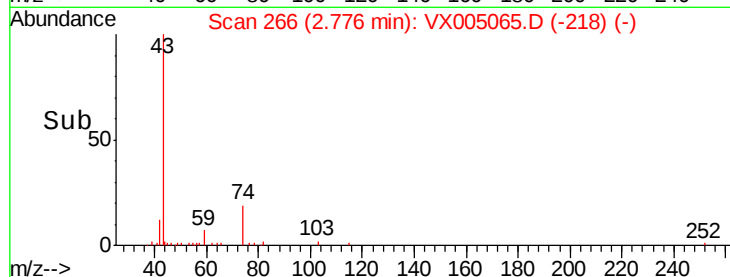
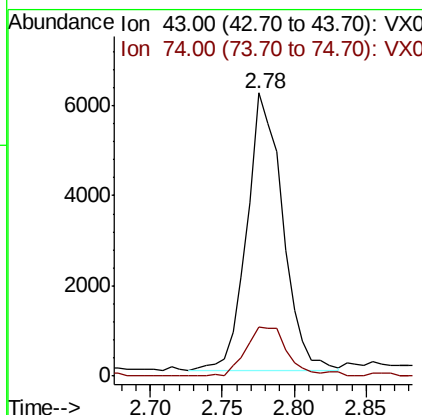
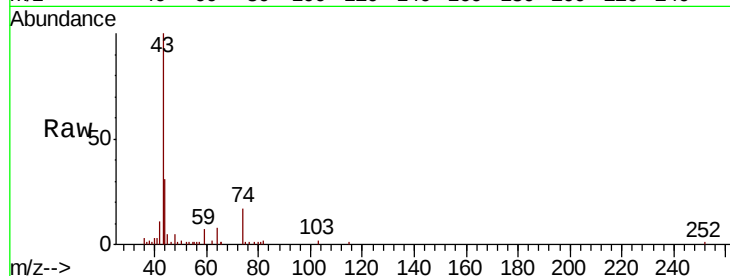




#18
Methvl Acetate
Concen: 2.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

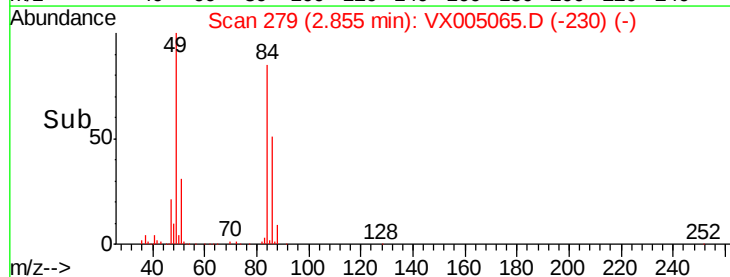
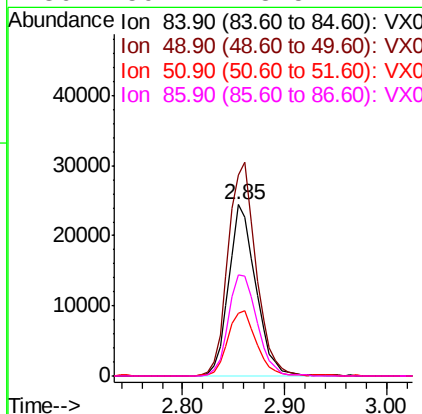
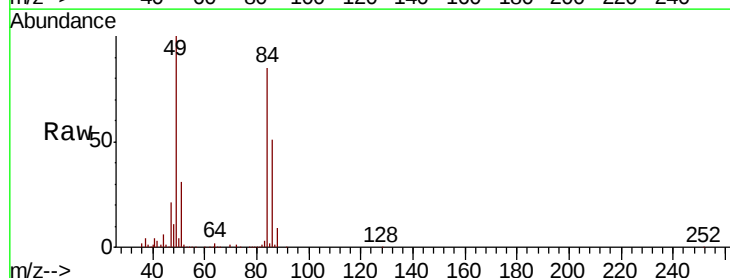
Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-E

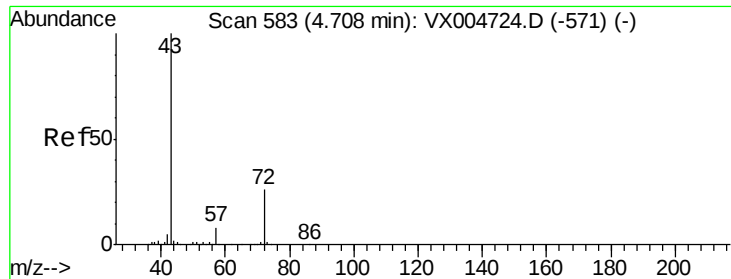
Tot Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8



#20
Methylene Chloride
Concen: 17.903 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

Tgt Ion: 84 Resp: 44918
Ion Ratio Lower Upper
84 100
49 117.1 92.3 138.5
51 36.7 31.8 47.6
86 59.4 48.5 72.7





#25

2-Butanone

Concen: 1.568 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005065.D

Acq: 05 Oct 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

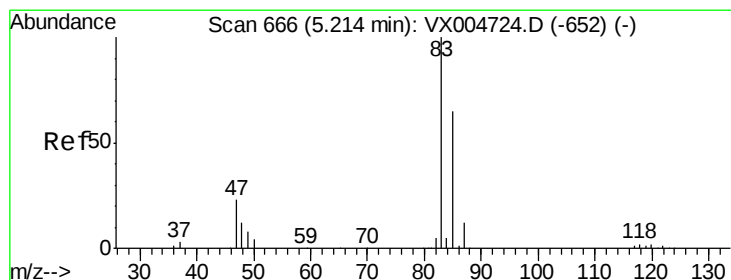
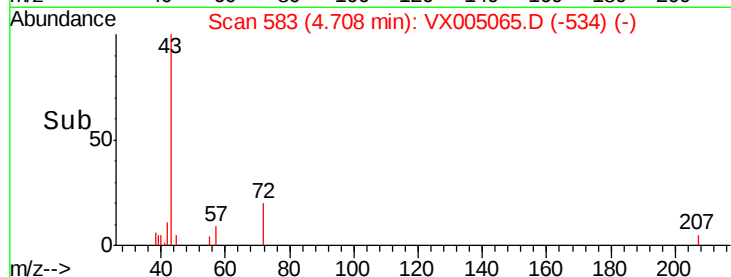
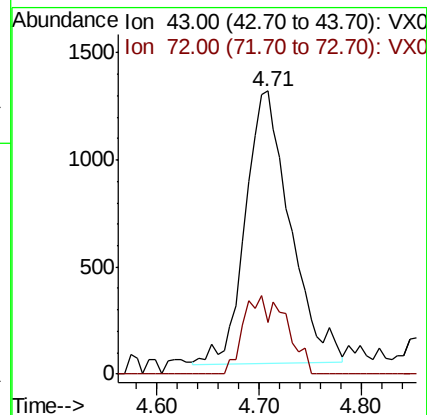
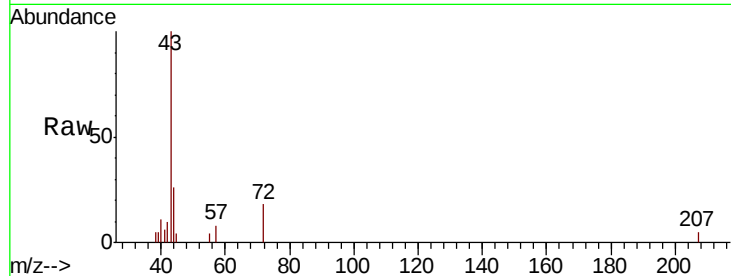
CL-01-100218-E

Tot Ion: 43 Resp: 3871

Ion Ratio Lower Upper

43 100

72 18.9 20.8 31.2#



#30

Chloroform

Concen: 0.980 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005065.D

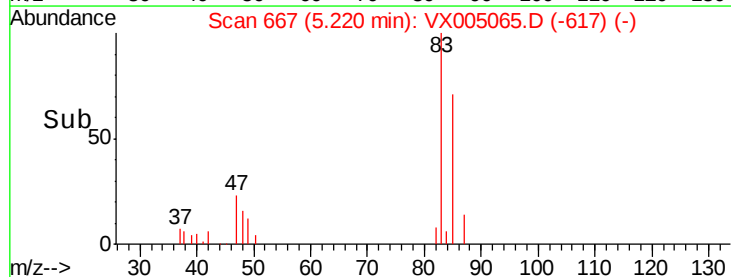
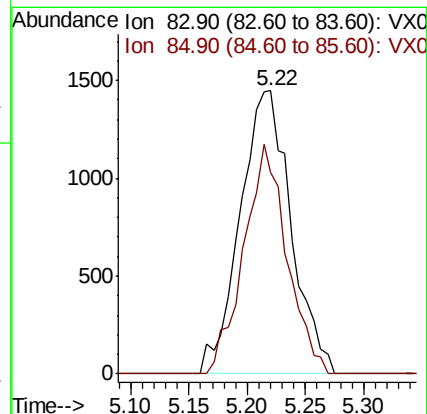
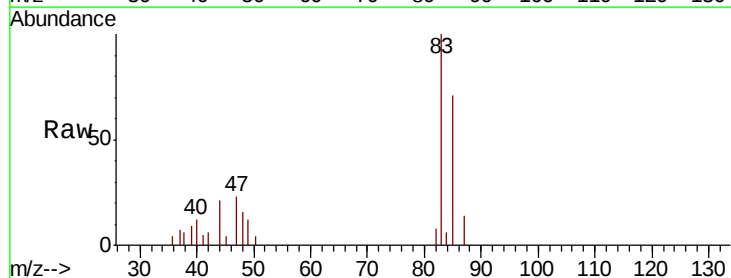
Acq: 05 Oct 2018 12:58

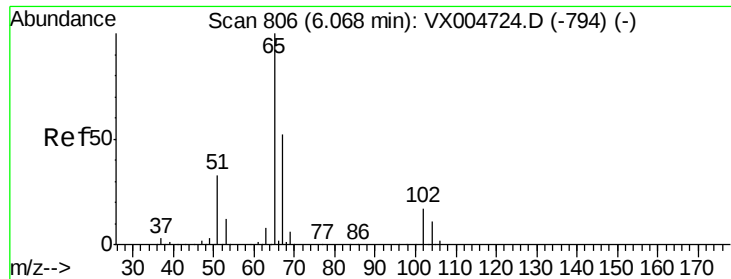
Tgt Ion: 83 Resp: 4419

Ion Ratio Lower Upper

83 100

85 71.0 52.4 78.6





#33

1,2-Dichloroethane-d4

Concen: 54.938 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005065.D

Acq: 05 Oct 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

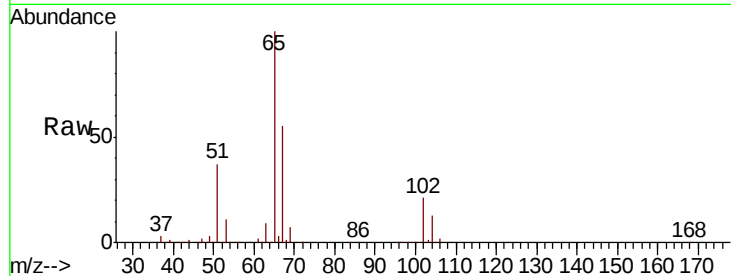
CL-01-100218-E

Tot Ion: 65 Resp: 157640

Ion Ratio Lower Upper

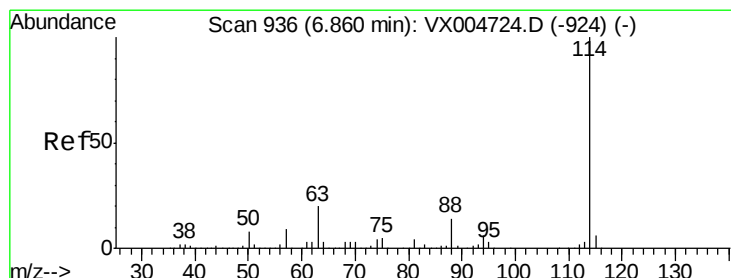
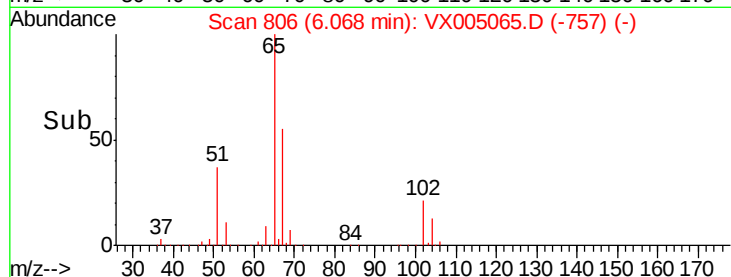
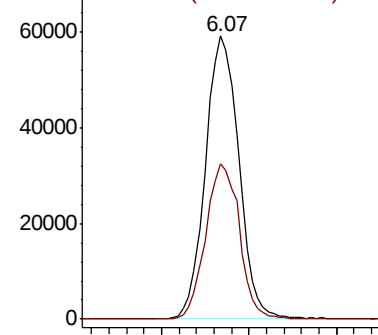
65 100

67 54.9 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005065.D

Acq: 05 Oct 2018 12:58

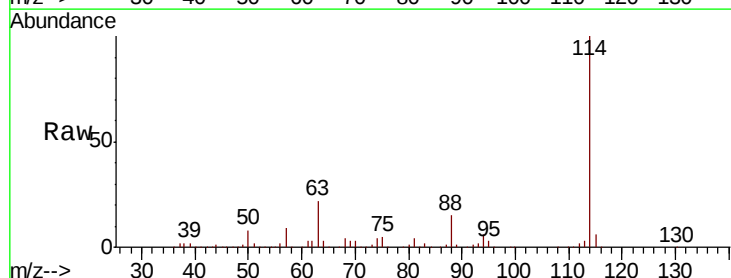
Tgt Ion: 114 Resp: 317923

Ion Ratio Lower Upper

114 100

63 21.9 0.0 39.8

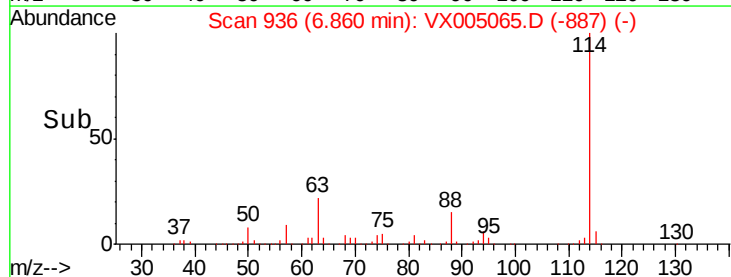
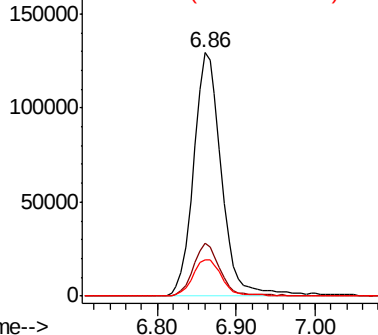
88 15.0 0.0 27.0

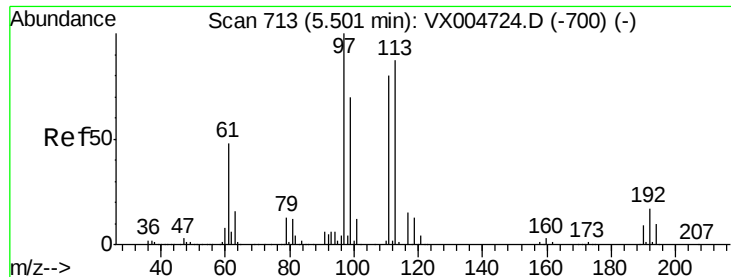


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.820 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005065.D

Acq: 05 Oct 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

CL-01-100218-E

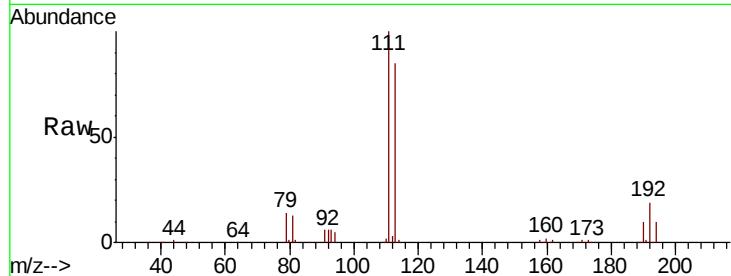
Tot Ion:113 Resp: 136932

Ion Ratio Lower Upper

113 100

111 104.4 77.0 115.4

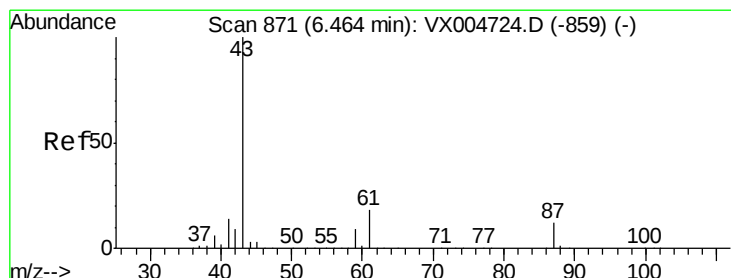
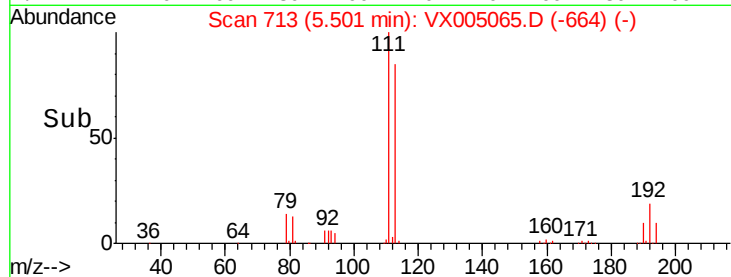
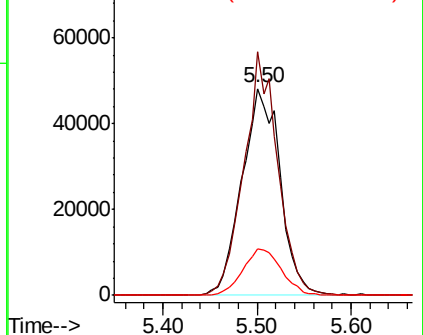
192 22.7 17.0 25.6



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: 23.291 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005065.D

Acq: 05 Oct 2018 12:58

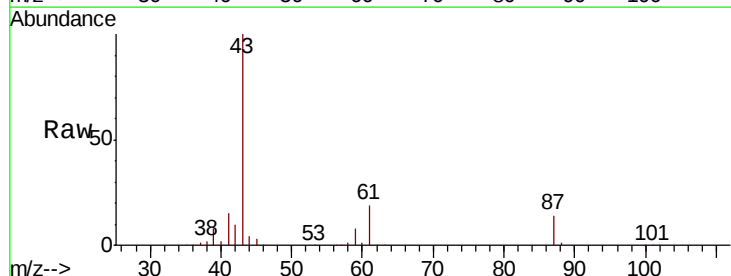
Tgt Ion: 43 Resp: 164042

Ion Ratio Lower Upper

43 100

61 19.5 14.2 21.4

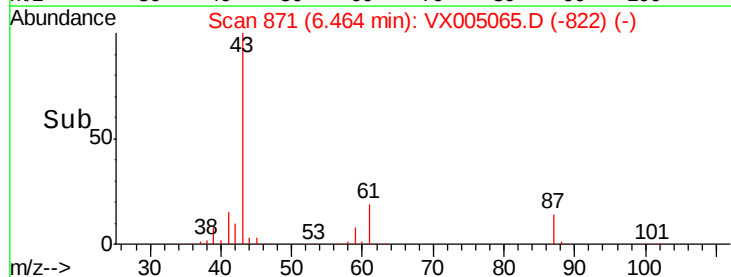
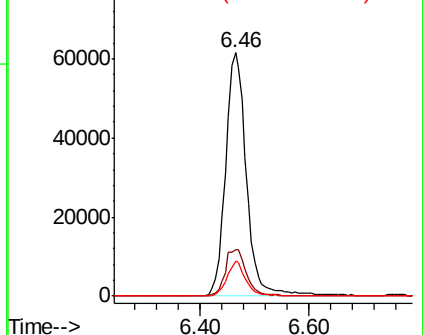
87 12.8 9.3 13.9

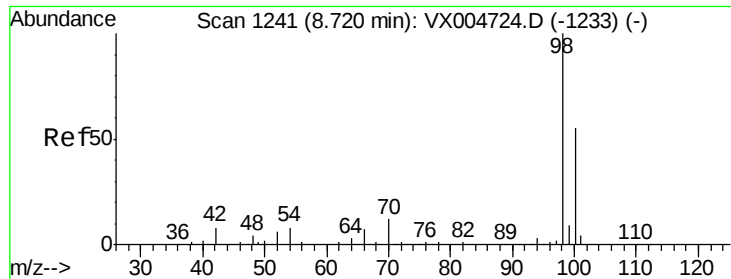


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

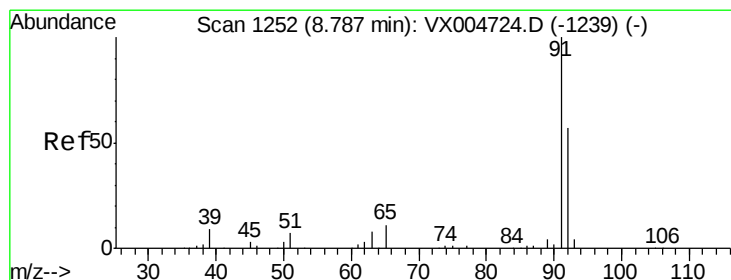
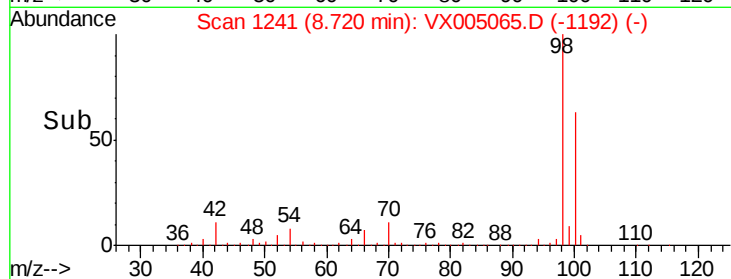
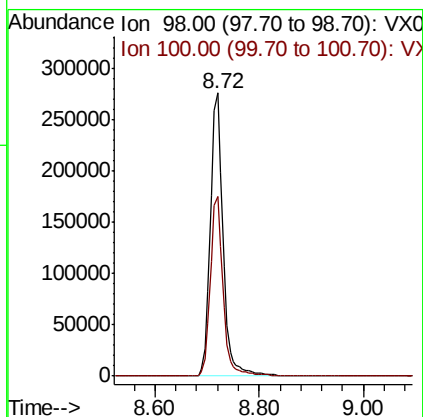
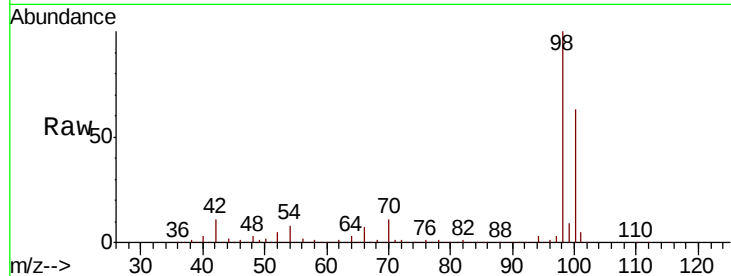




#50
Toluene-d8
Concen: 52.562 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

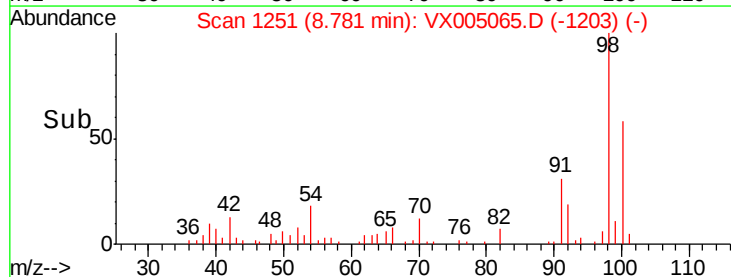
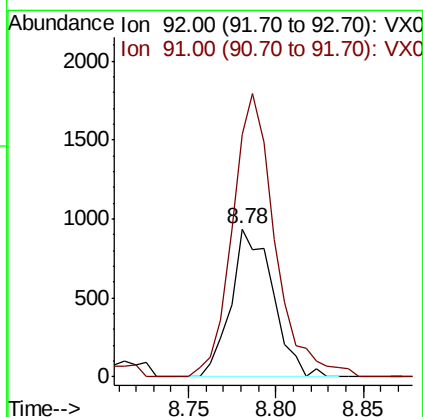
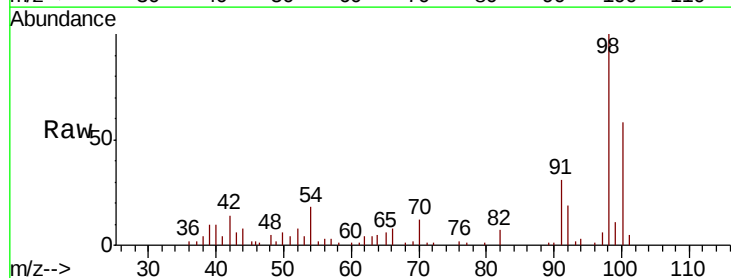
Instrument :
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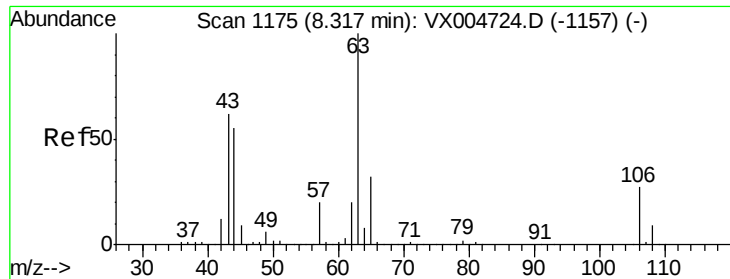
Tot Ion: 98 Resp: 470835
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#52
Toluene
Concen: 0.247 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

Tgt Ion: 92 Resp: 1559
Ion Ratio Lower Upper
92 100
91 194.5 136.7 205.1

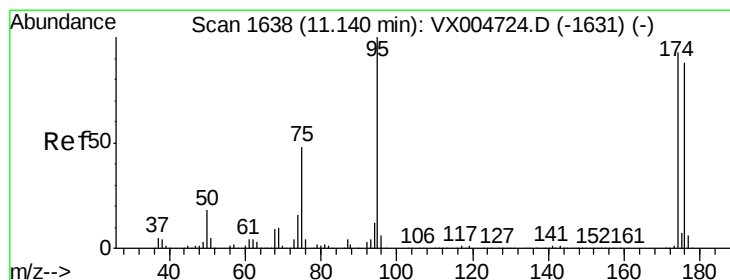
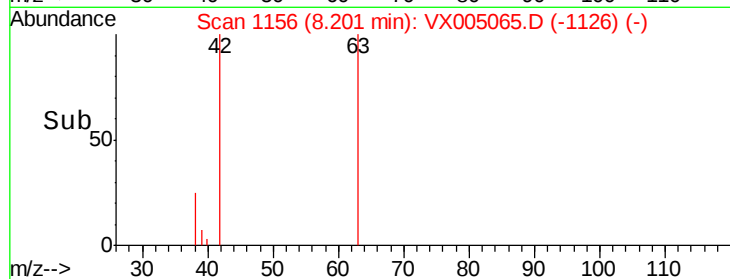
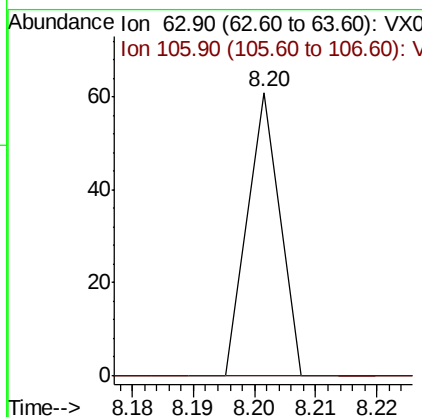
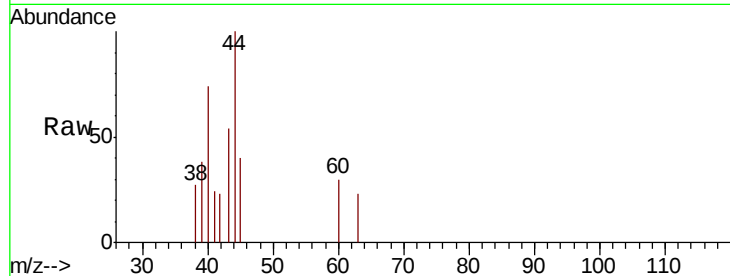




#58
2-Chloroethyl Vinyl ether
Concen: 14.251 ug/l
RT: 8.20 min Scan# 1156
Delta R.T. -0.12 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

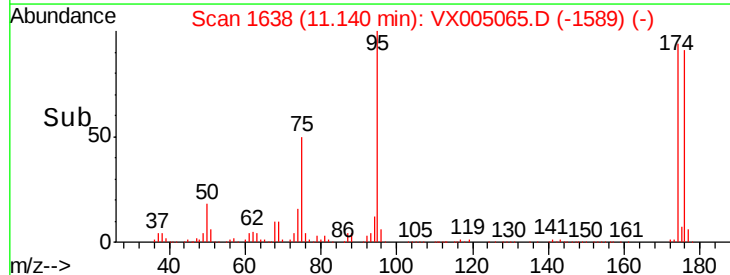
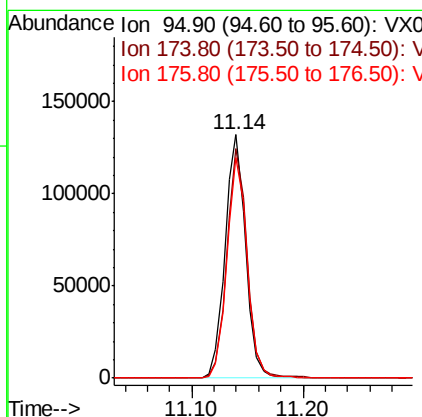
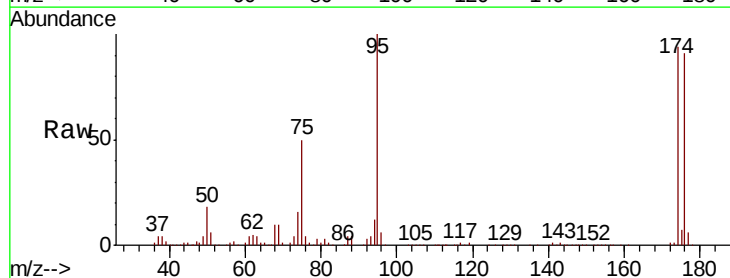
Instrument :
MSVOA_X
ClientSampleId :
CL-01-100218-E

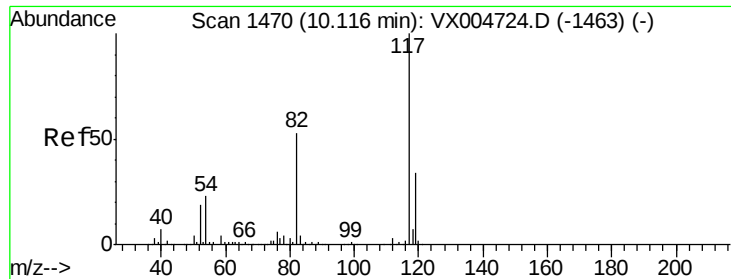
Tot Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#62
4-Bromofluorobenzene
Concen: 52.122 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

Tgt Ion: 95 Resp: 168200
Ion Ratio Lower Upper
95 100
174 93.2 0.0 185.0
176 89.7 0.0 180.2

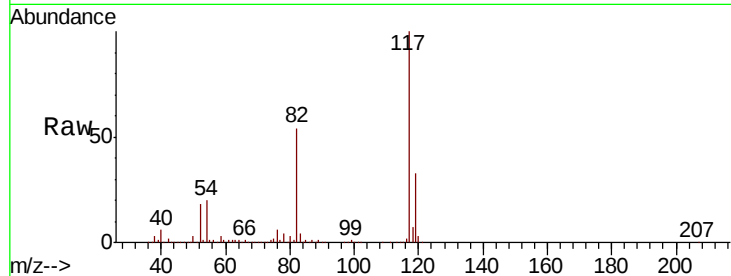




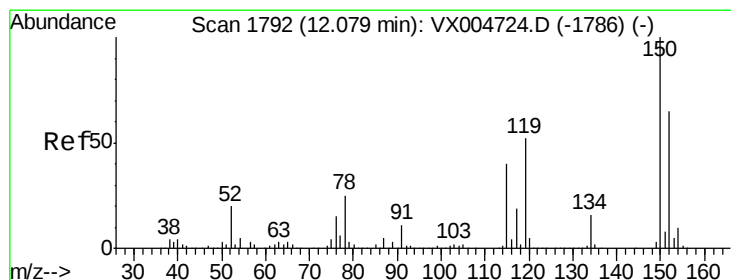
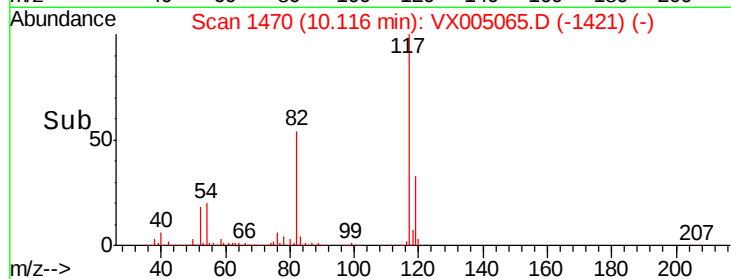
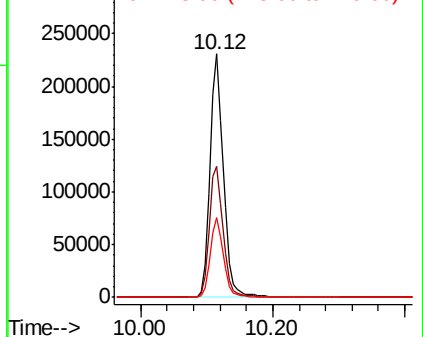
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

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

Tot Ion:117 Resp: 324455
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.8 27.4 41.0

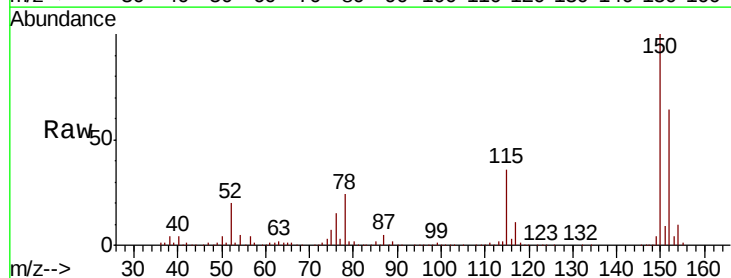


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

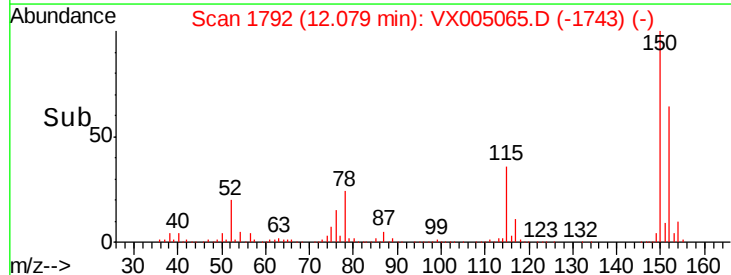
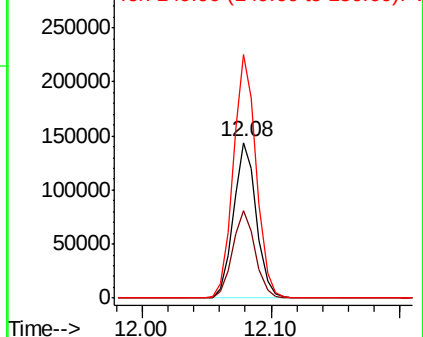


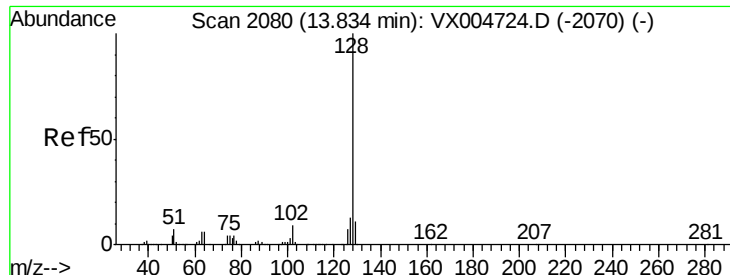
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

Tgt Ion:152 Resp: 177667
Ion Ratio Lower Upper
152 100
115 55.7 40.2 120.6
150 156.8 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: 2.474 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005065.D
Acq: 05 Oct 2018 12:58

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.5	8.7	13.1

