

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005487.D
 Acq On : 22 Oct 2018 22:47
 Operator : JC/MD
 Sample : J5538-22 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CNL01

Quant Time: Oct 23 03:27:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

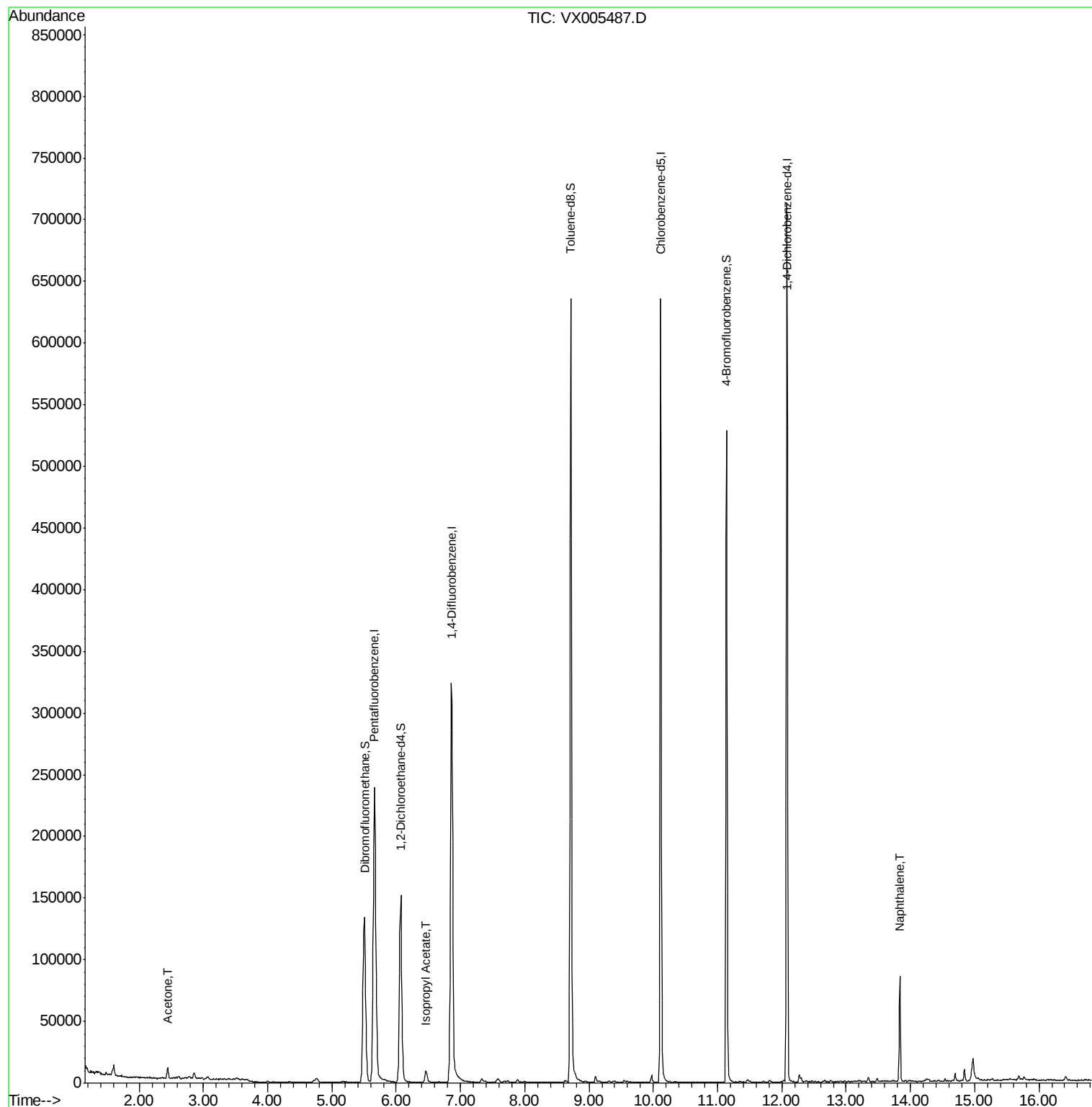
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	245431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146903	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
35) Dibromofluoromethane	5.51	113	115109	51.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	8.71	98	397073	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	131905	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
16) Acetone	2.45	43	8741	5.550	ug/l	92
43) Isopropyl Acetate	6.46	43	12187	2.176	ug/l	98
95) Naphthalene	13.83	128	51231	5.058	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005487.D

Acq: 22 Oct 2018 22:47

Instrument :

MSVOA_X

ClientSampled :

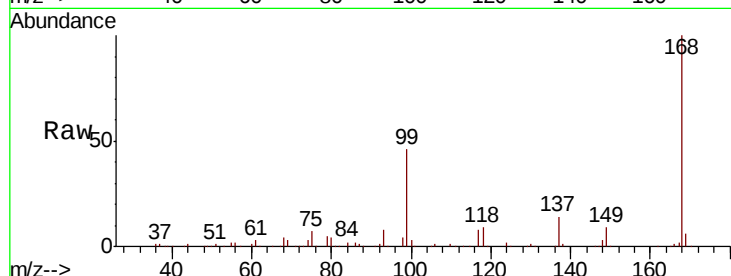
CNL01

Tot Ion:168 Resp: 245431

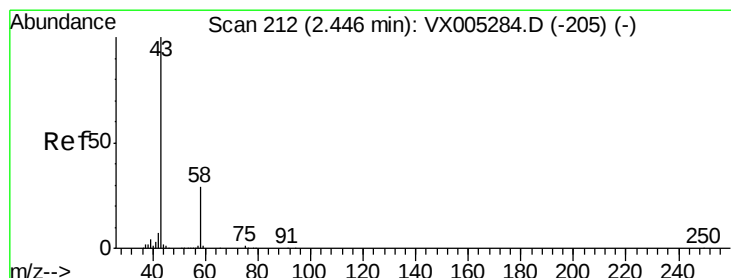
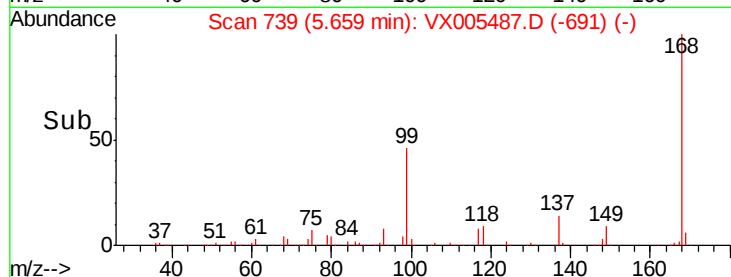
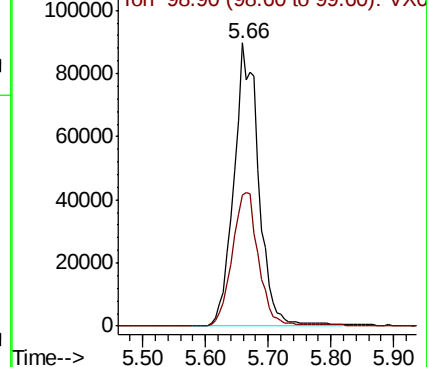
Ion Ratio Lower Upper

168 100

99 46.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX005284.D (-726) (-)



#16

Acetone

Concen: 5.550 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005487.D

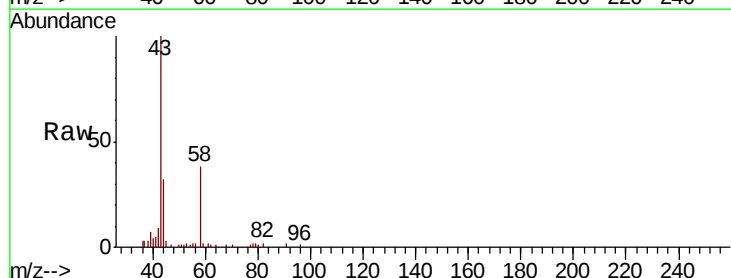
Acq: 22 Oct 2018 22:47

Tgt Ion: 43 Resp: 8741

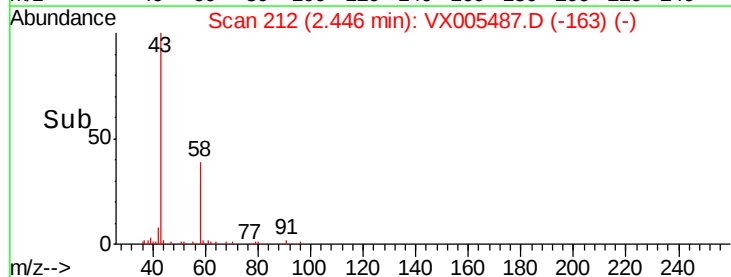
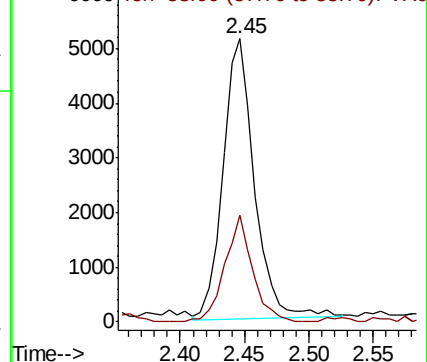
Ion Ratio Lower Upper

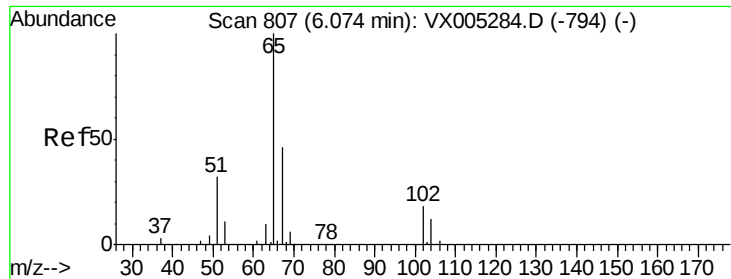
43 100

58 37.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-205) (-)

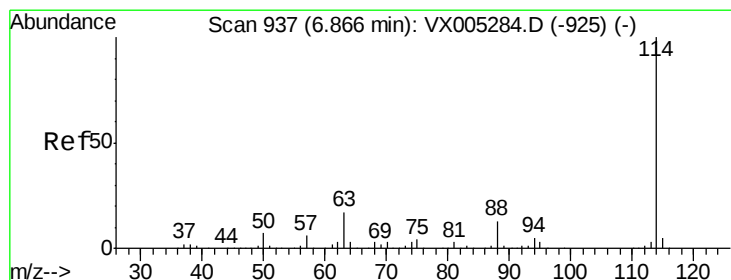
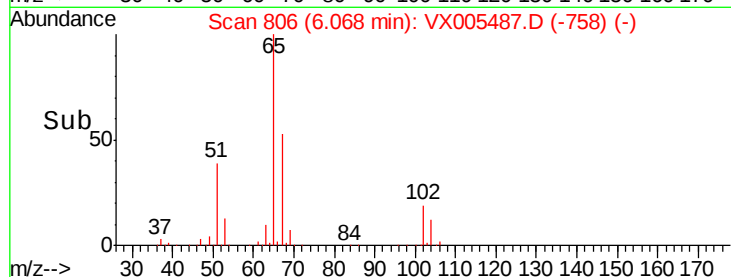
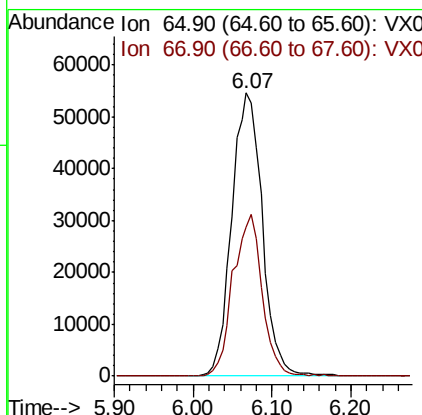
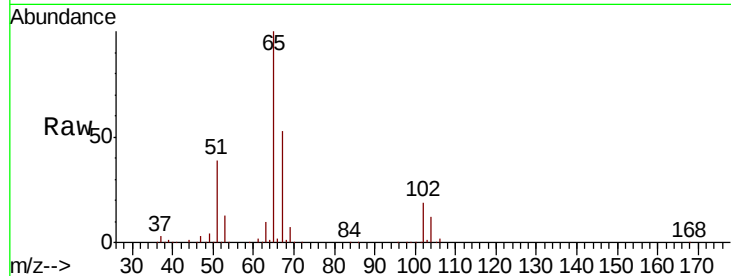




#33
 1,2-Dichloroethane-d4
 Concen: 53.931 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005487.D
 Acq: 22 Oct 2018 22:47

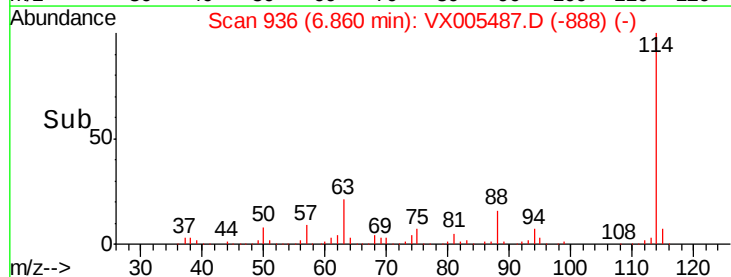
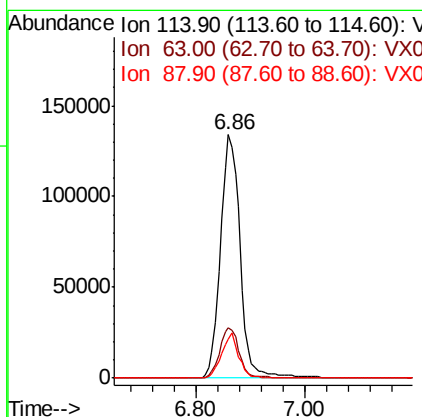
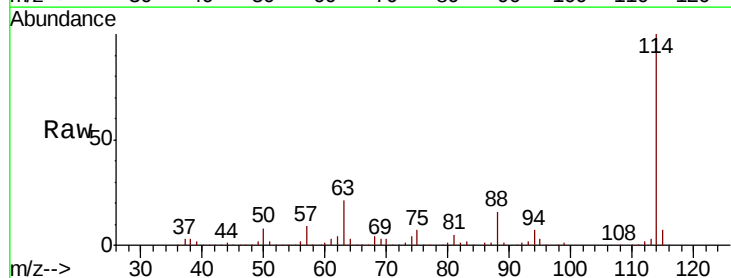
Instrument :
 MSVOA_X
 ClientSampleId :
 CNL01

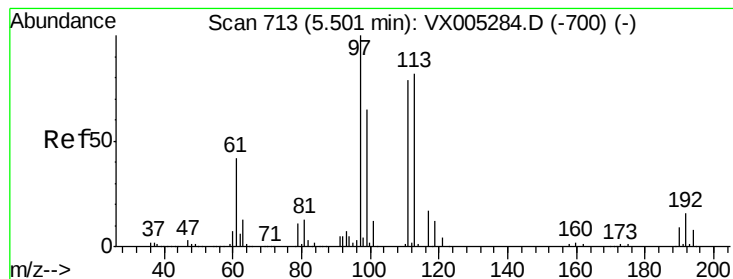
Tot Ion: 65 Resp: 146903
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005487.D
 Acq: 22 Oct 2018 22:47

Tgt Ion: 114 Resp: 337617
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.477 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005487.D

Acq: 22 Oct 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

CNL01

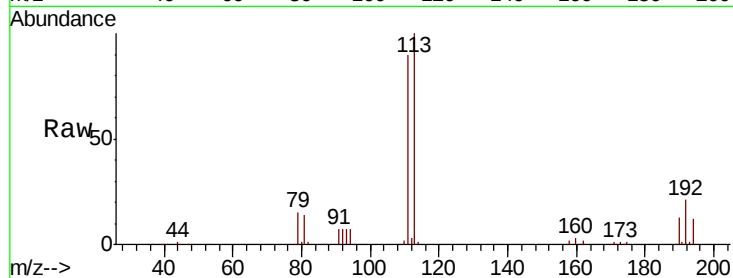
Tot Ion:113 Resp: 115109

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

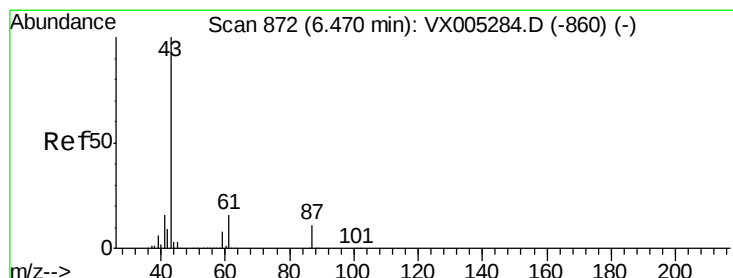
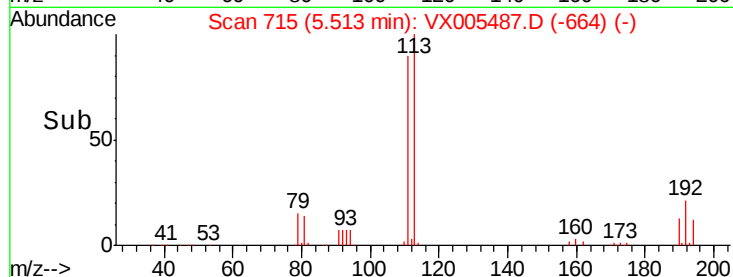
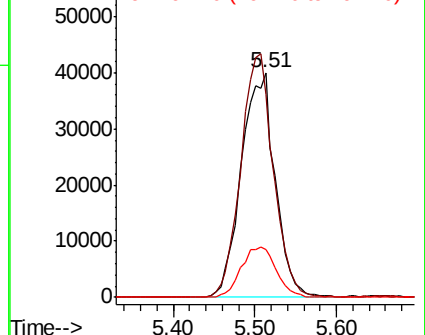
192 23.2 19.4 29.2



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: 2.176 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005487.D

Acq: 22 Oct 2018 22:47

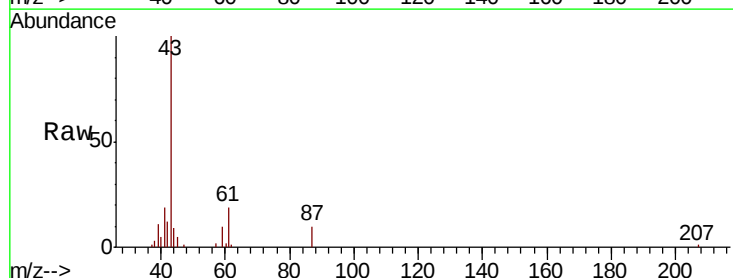
Tgt Ion: 43 Resp: 12187

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

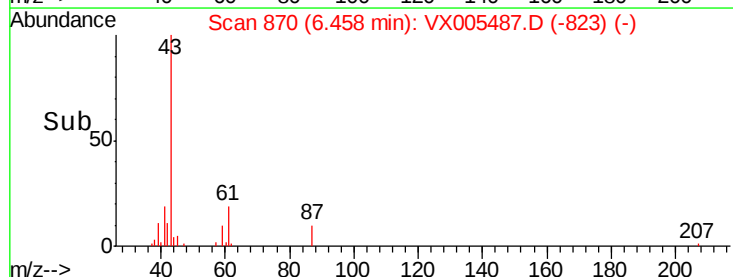
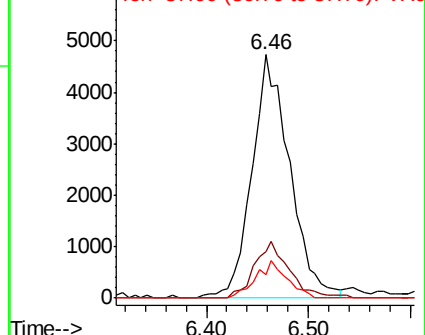
87 12.5 11.4 17.2

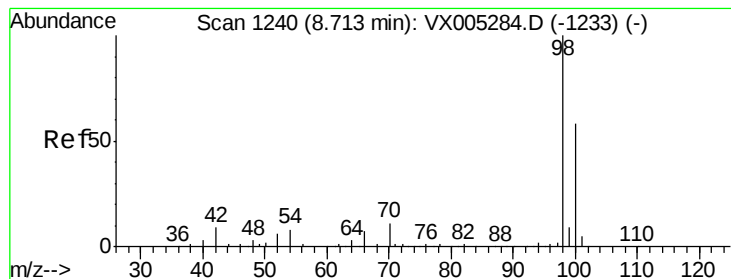


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.724 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005487.D

Acq: 22 Oct 2018 22:47

Instrument :

MSVOA_X

ClientSampled :

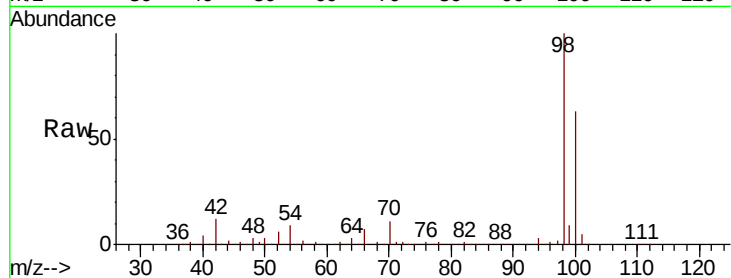
CNL01

Tot Ion: 98 Resp: 397073

Ion Ratio Lower Upper

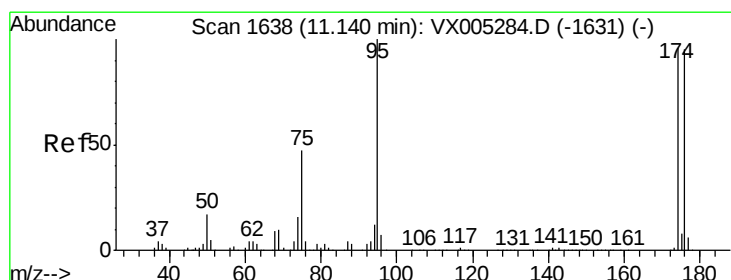
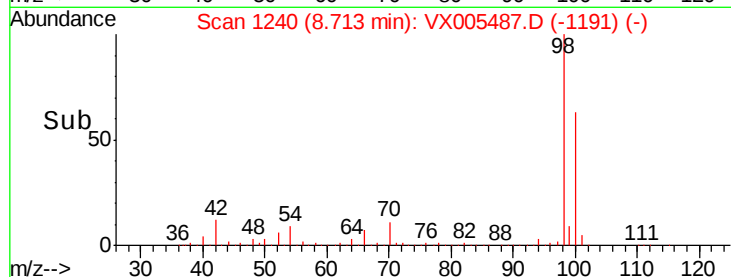
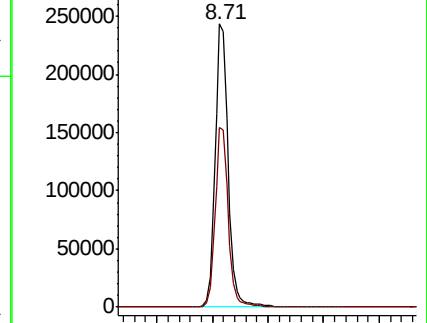
98 100

100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.739 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005487.D

Acq: 22 Oct 2018 22:47

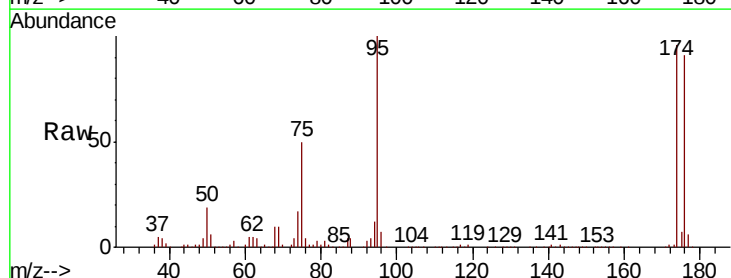
Tgt Ion: 95 Resp: 131905

Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.2

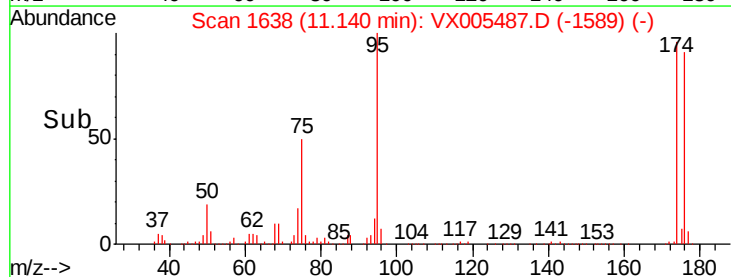
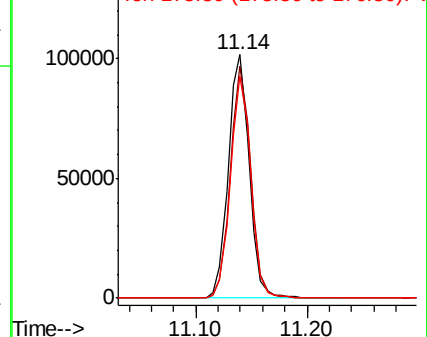
176 89.4 0.0 178.6

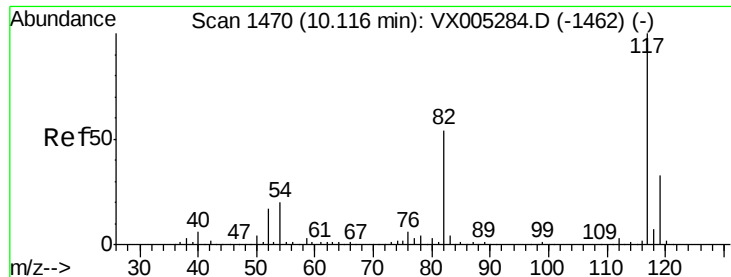


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

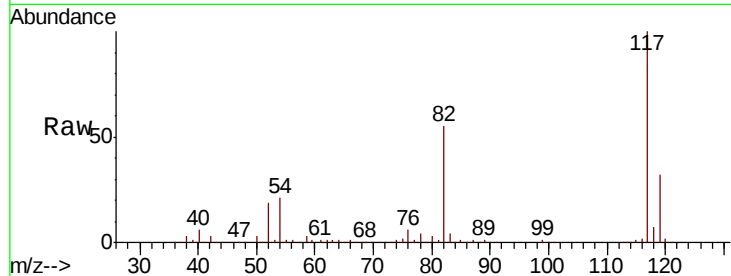




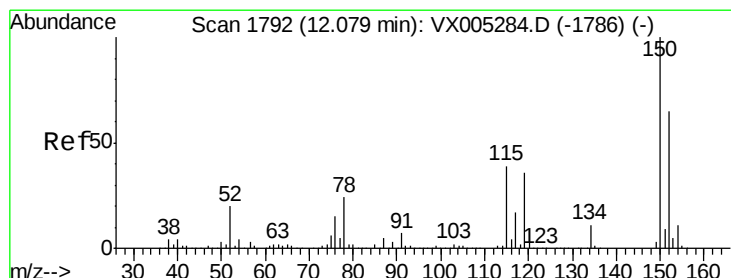
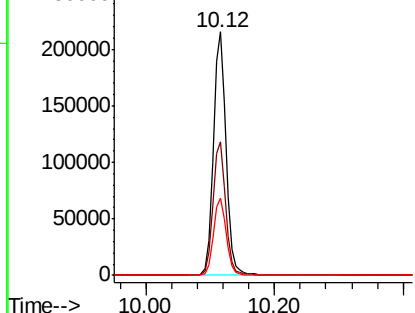
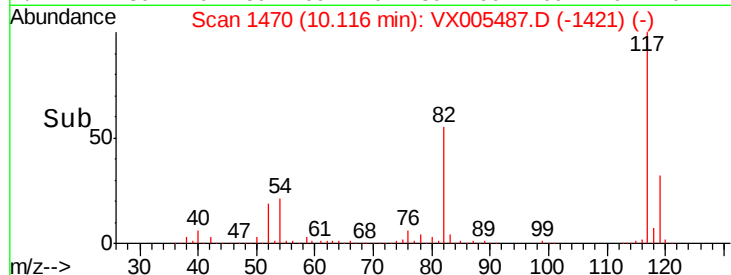
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005487.D
Acq: 22 Oct 2018 22:47

Instrument :
MSVOA_X
ClientSampled :
CNL01

Tot Ion:117 Resp: 298038
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 31.9 29.3 43.9

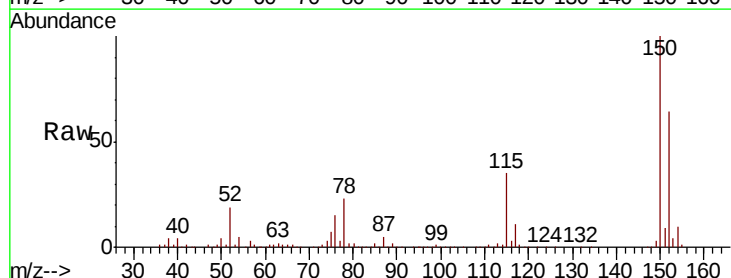


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

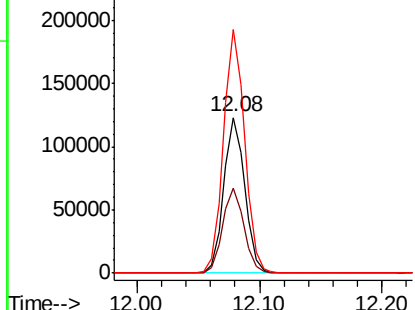
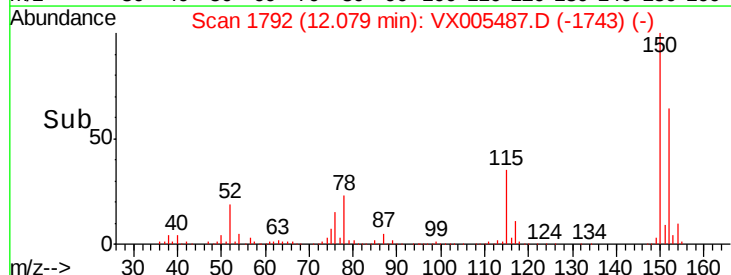


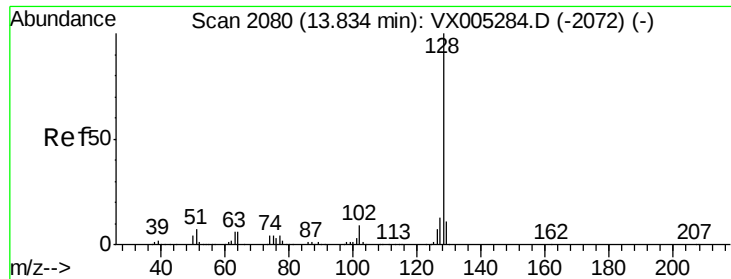
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005487.D
Acq: 22 Oct 2018 22:47

Tgt Ion:152 Resp: 146863
Ion Ratio Lower Upper
152 100
115 55.2 39.0 117.0
150 157.2 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

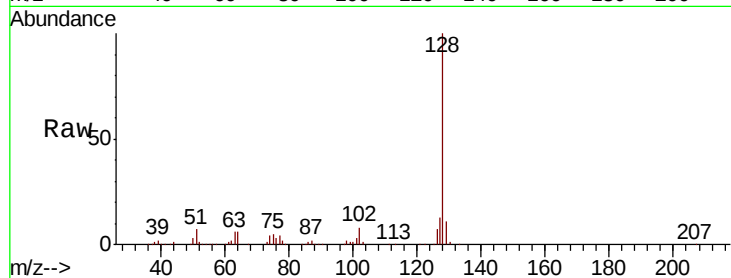




#95
Naphthalene
Concen: 5.058 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005487.D
Acq: 22 Oct 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :
CNL01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.4	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

