

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014805.D
 Acq On : 04 Feb 2020 13:39
 Operator : JC/SP
 Sample : L1387-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F06031

Quant Time: Feb 05 03:44:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

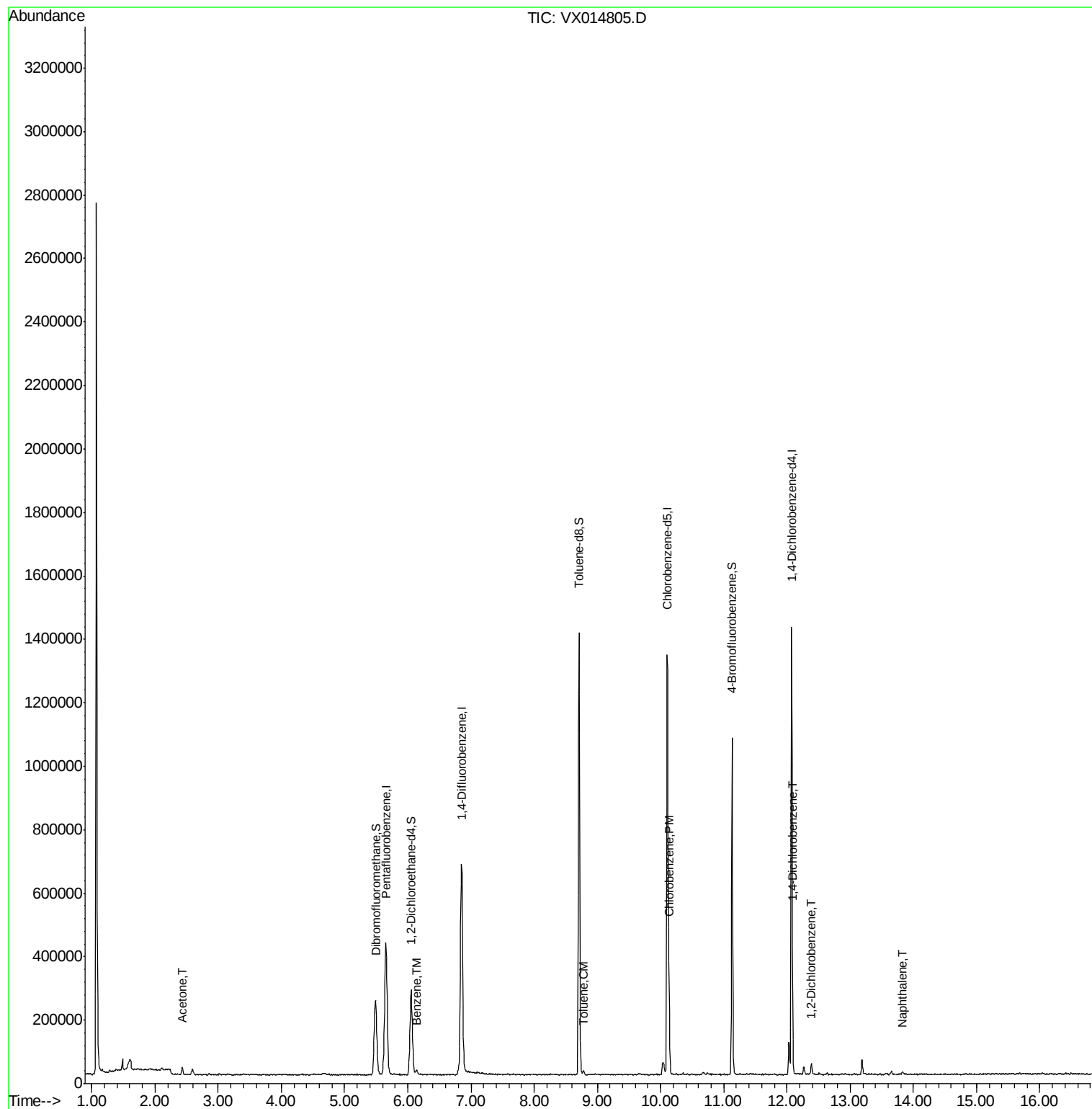
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	668721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	618441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	248068	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	5.49	113	205411	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.71	98	796603	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.13	95	278034	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	2.43	43	24969	9.329	ug/l	99
40) Benzene	6.14	78	16229	0.845	ug/l	96
52) Toluene	8.78	92	5011	0.425	ug/l	85
65) Chlorobenzene	10.14	112	138992	10.507	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	5616	0.560	ug/l #	62
91) 1,2-Dichlorobenzene	12.39	146	11141	1.119	ug/l	95
95) Naphthalene	13.83	128	4980	1.168	ug/l #	76

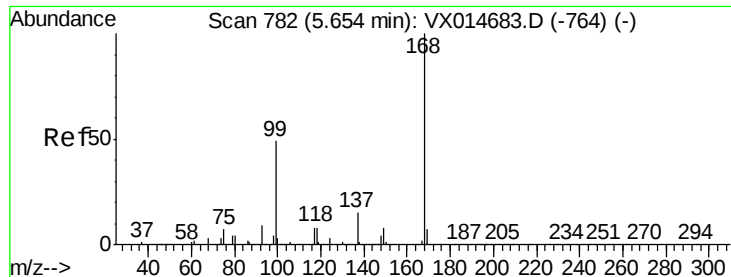
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014805.D

Acq: 04 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

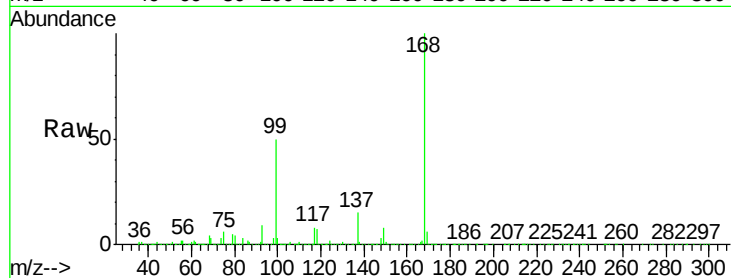
F06031

Tot Ion:168 Resp: 424791

Ion Ratio Lower Upper

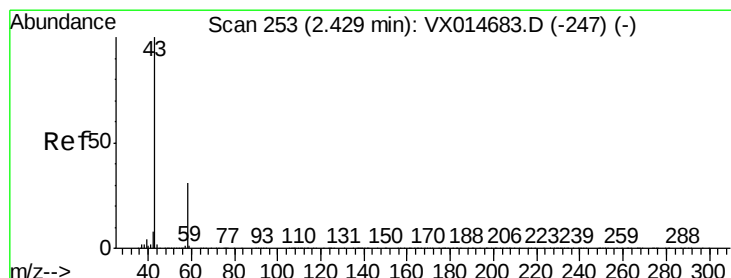
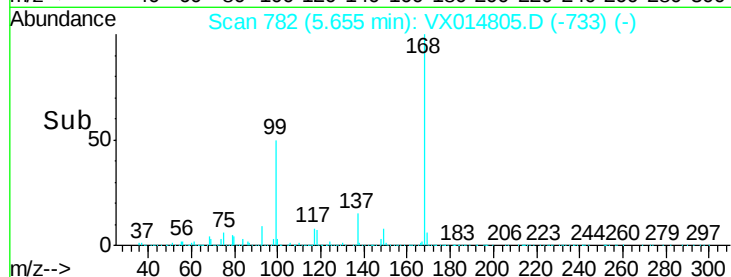
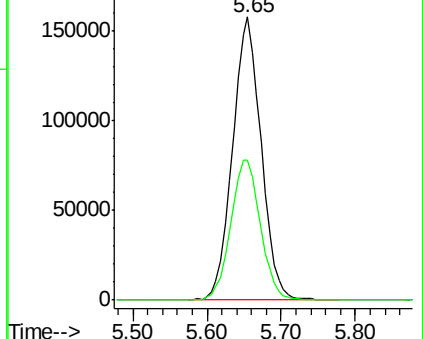
168 100

99 49.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.329 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014805.D

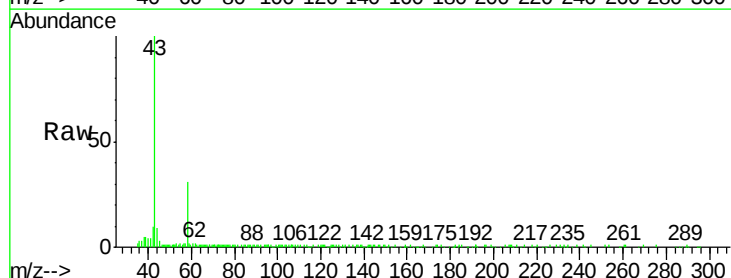
Acq: 04 Feb 2020 13:39

Tgt Ion: 43 Resp: 24969

Ion Ratio Lower Upper

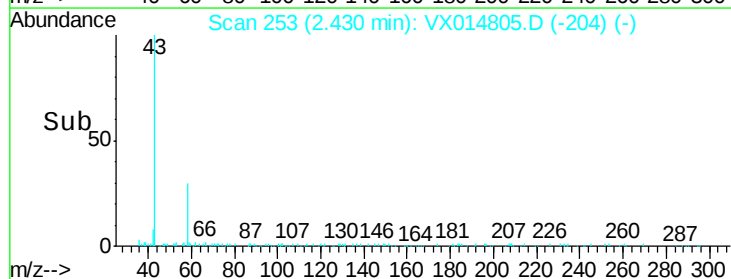
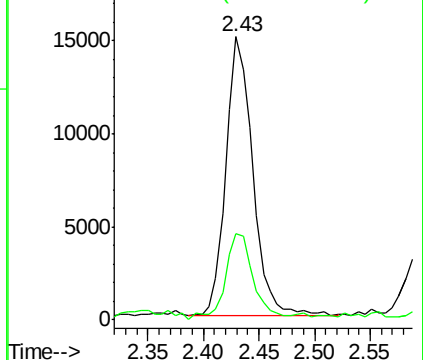
43 100

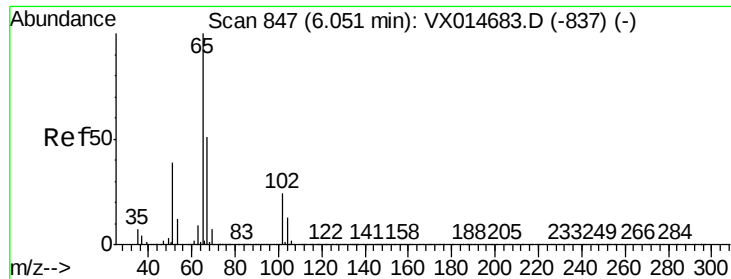
58 31.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

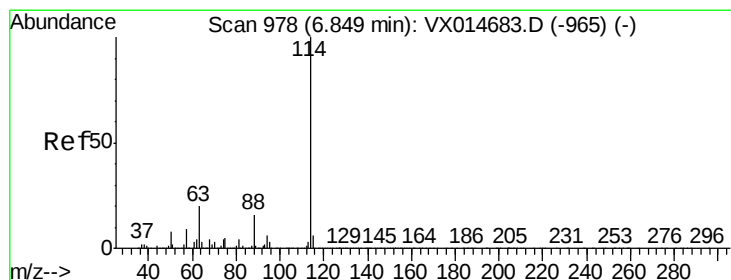
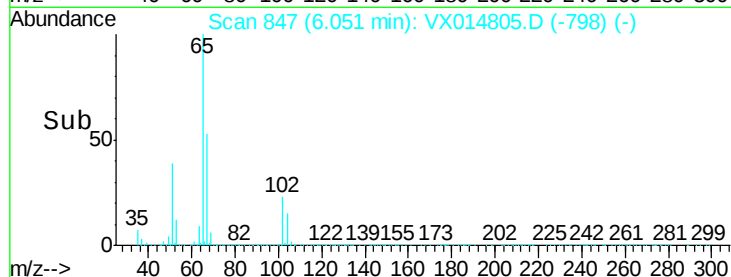
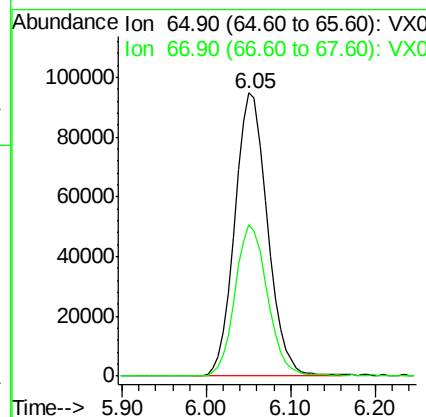
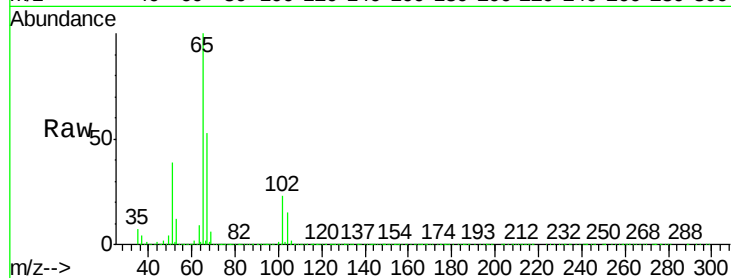




#33
 1,2-Dichloroethane-d4
 Concen: 50.008 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014805.D
 Acq: 04 Feb 2020 13:39

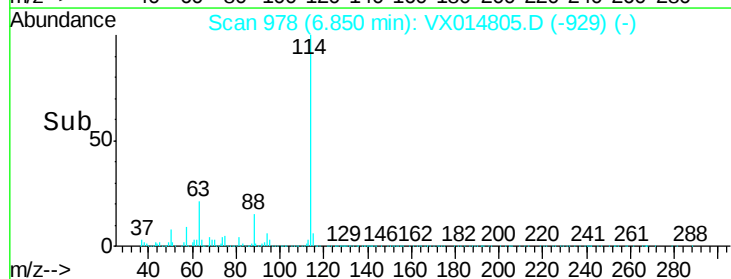
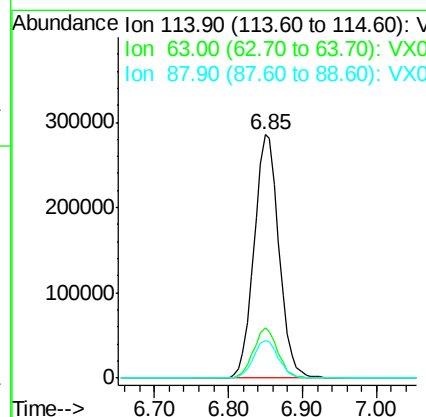
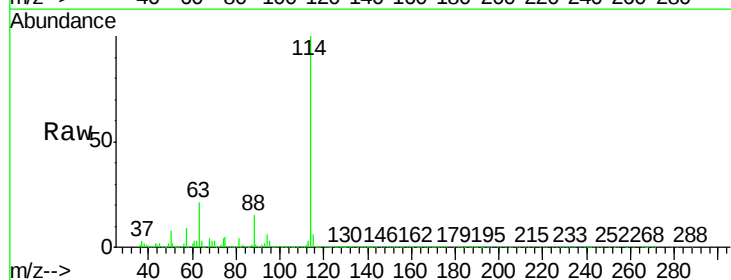
Instrument :
 MSVOA_X
 ClientSampled :
 F06031

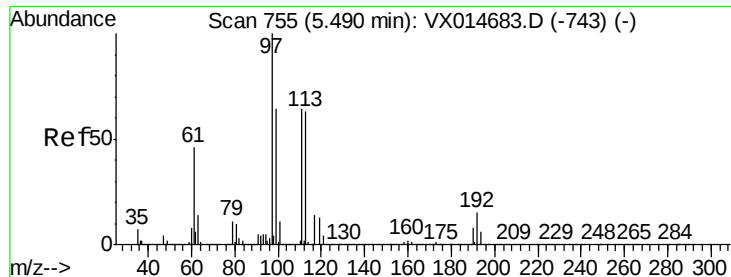
Tot Ion: 65 Resp: 248068
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014805.D
 Acq: 04 Feb 2020 13:39

Tgt Ion: 114 Resp: 668721
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.4 0.0 31.2

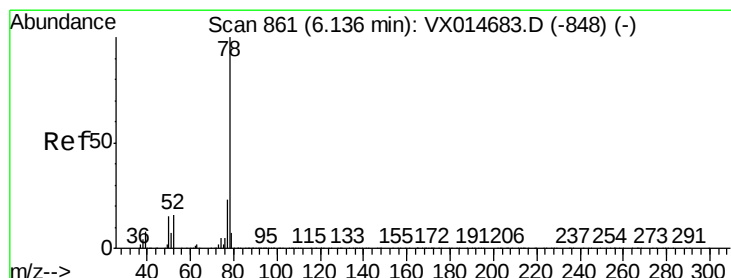
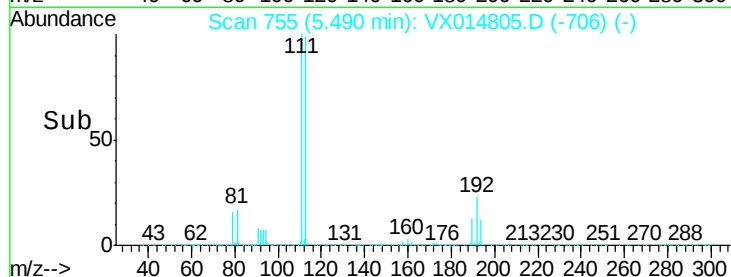
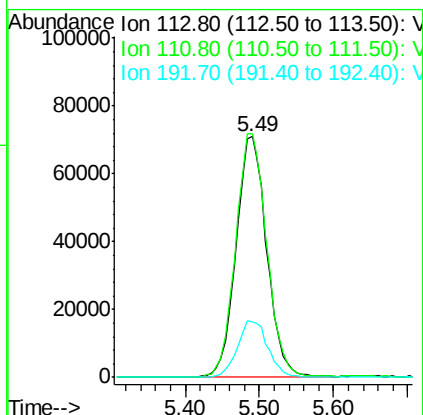
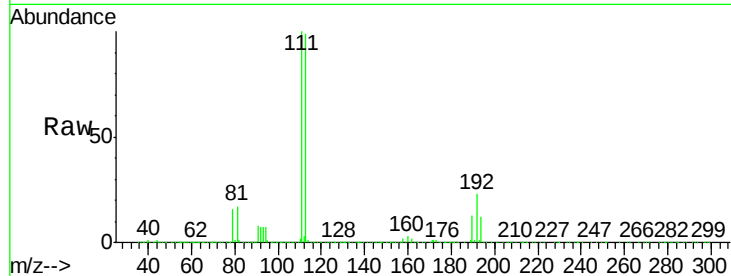




#35
 Dibromofluoromethane
 Concen: 48.680 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014805.D
 Acq: 04 Feb 2020 13:39

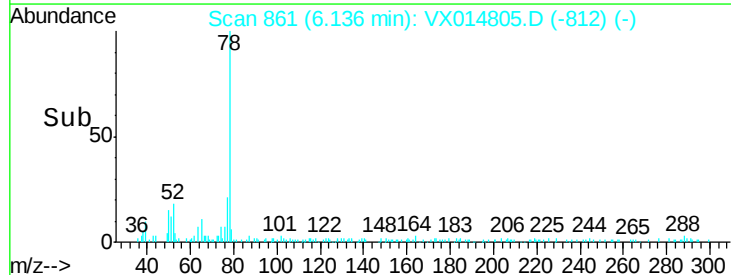
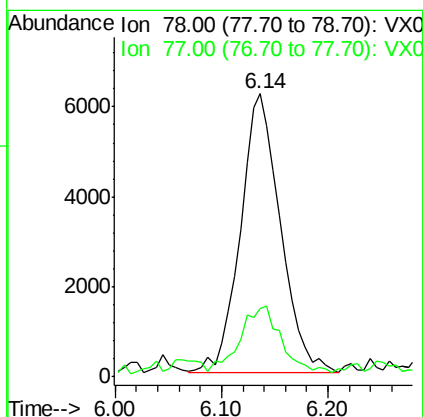
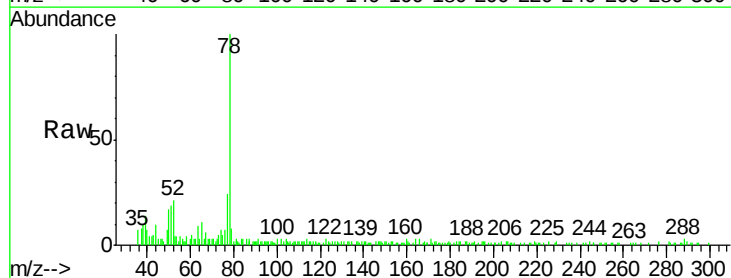
Instrument :
 MSVOA_X
 ClientSampleId :
 F06031

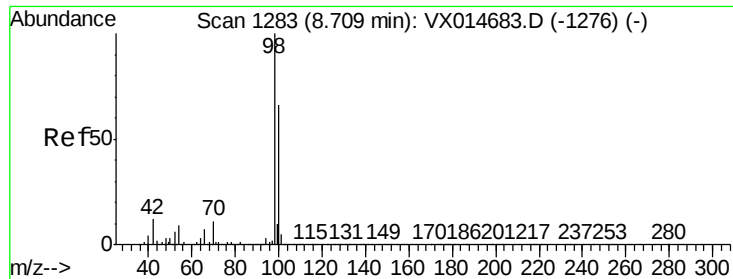
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	23.4	18.5	27.7



#40
 Benzene
 Concen: 0.845 ug/l
 RT: 6.14 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VX014805.D
 Acq: 04 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.7	28.1

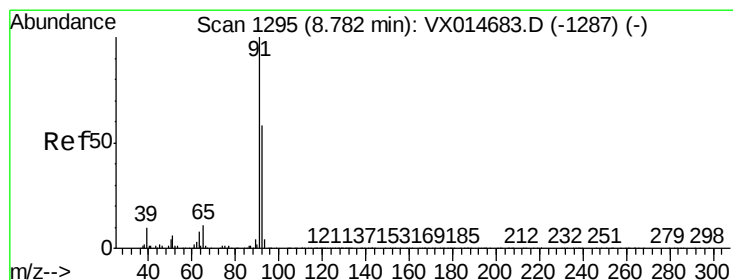
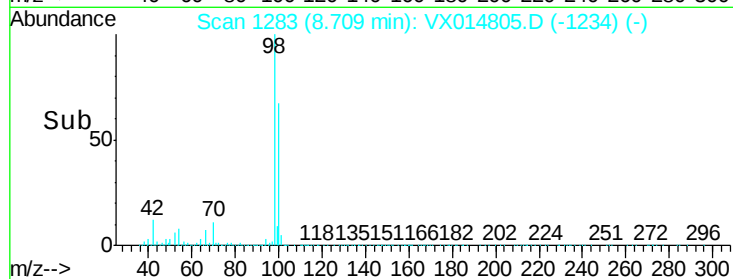
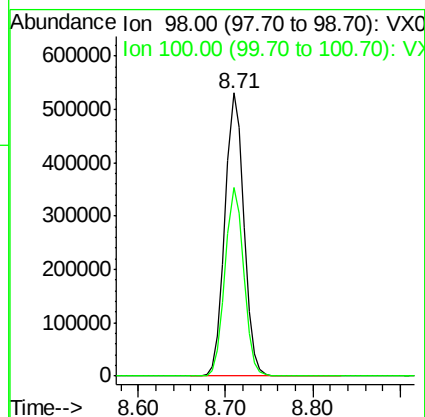
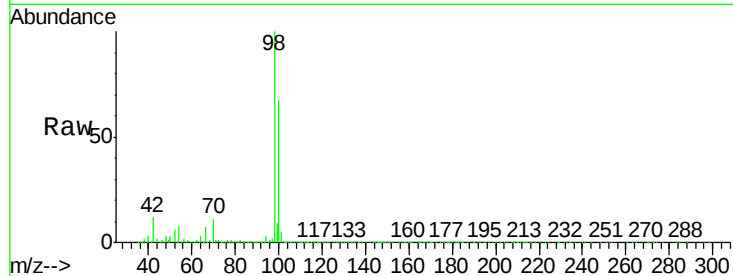




#50
Toluene-d8
Concen: 49.107 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014805.D
Acq: 04 Feb 2020 13:39

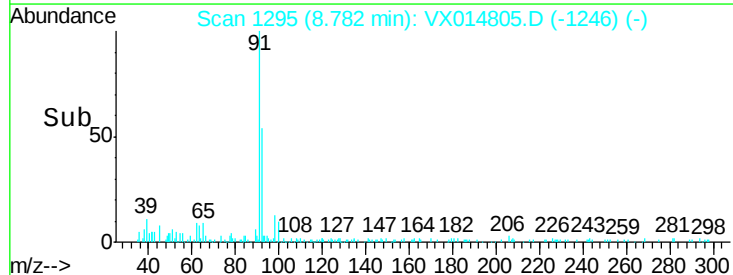
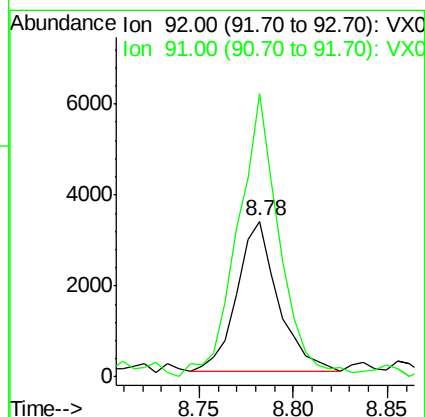
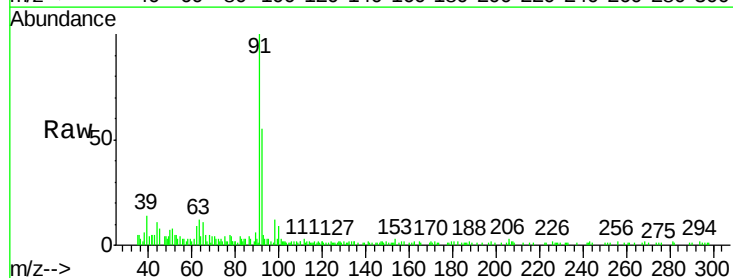
Instrument :
MSVOA_X
ClientSampleId :
F06031

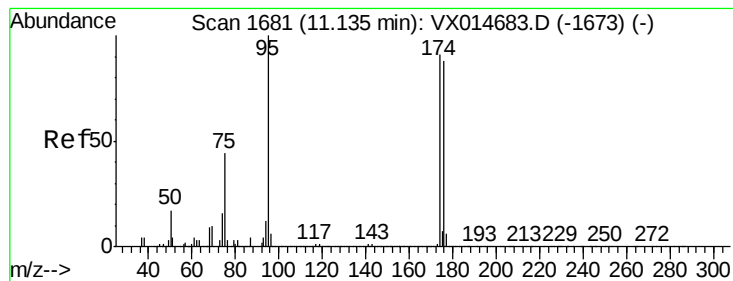
Tot Ion: 98 Resp: 796603
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#52
Toluene
Concen: 0.425 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014805.D
Acq: 04 Feb 2020 13:39

Tgt Ion: 92 Resp: 5011
Ion Ratio Lower Upper
92 100
91 189.9 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 48.115 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014805.D

Acq: 04 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

F06031

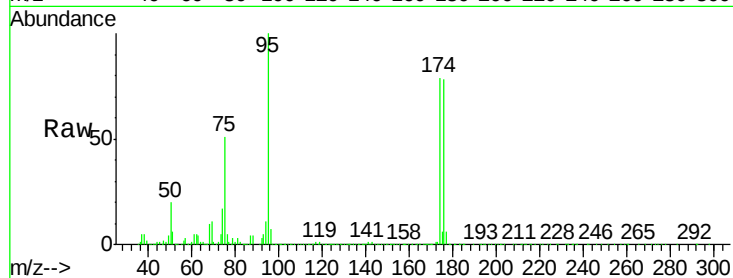
Tot Ion: 95 Resp: 278034

Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.0

176 86.9 0.0 172.2

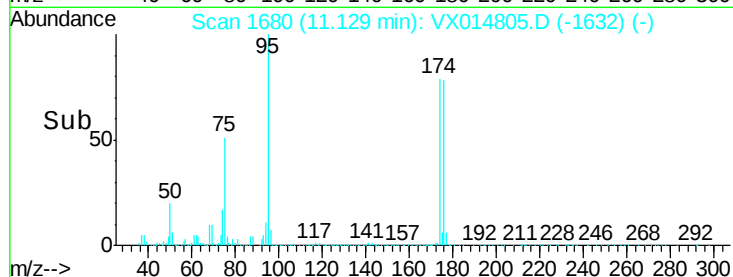


Abundance Ion 94.90 (94.60 to 95.60): VX014805.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014805.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014805.D (-1632) (-)

Time-->



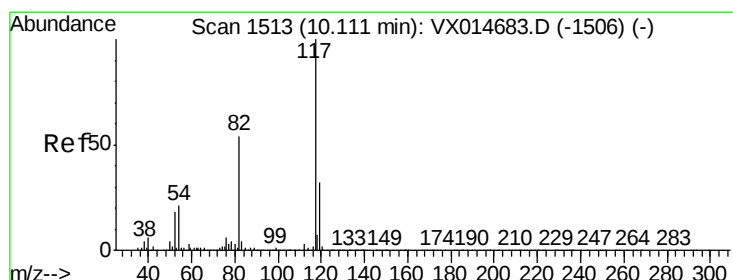
Abundance

Ion 94.90 (94.60 to 95.60): VX014805.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014805.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014805.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014805.D

Acq: 04 Feb 2020 13:39

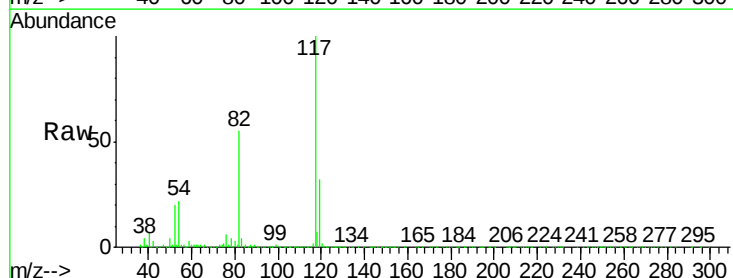
Tgt Ion: 117 Resp: 618441

Ion Ratio Lower Upper

117 100

82 55.1 43.2 64.8

119 32.4 25.8 38.6

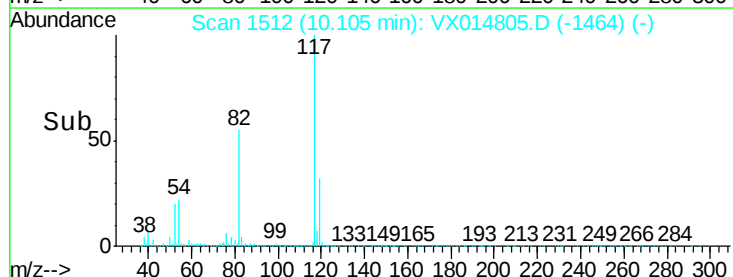


Abundance Ion 116.90 (116.60 to 117.60): VX014805.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014805.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014805.D (-1464) (-)

Time-->



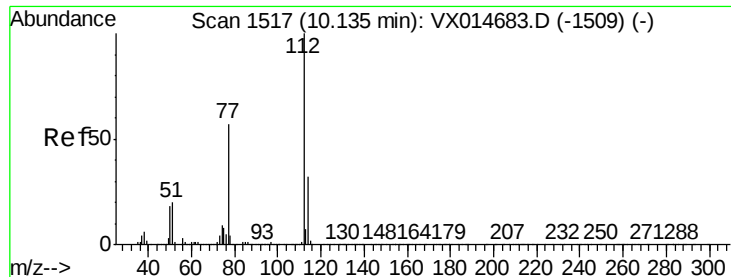
Abundance

Ion 116.90 (116.60 to 117.60): VX014805.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014805.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014805.D (-1464) (-)

Time-->



#65

Chlorobenzene

Concen: 10.507 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014805.D

Acq: 04 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampled :

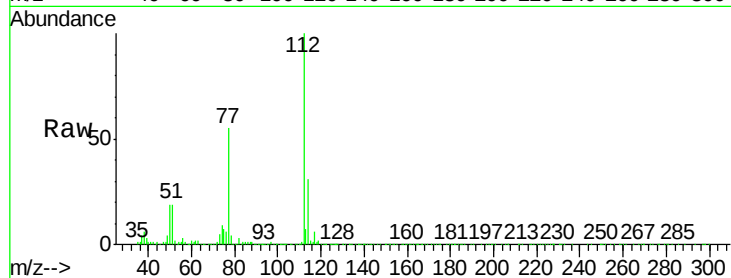
F06031

Tot Ion:112 Resp: 138992

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

100000

80000

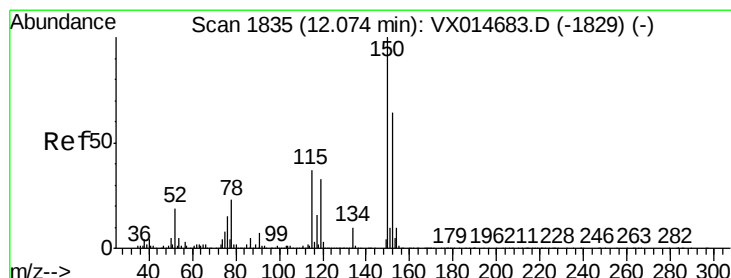
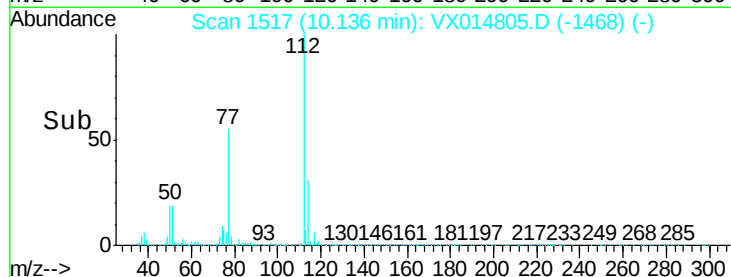
60000

40000

20000

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014805.D

Acq: 04 Feb 2020 13:39

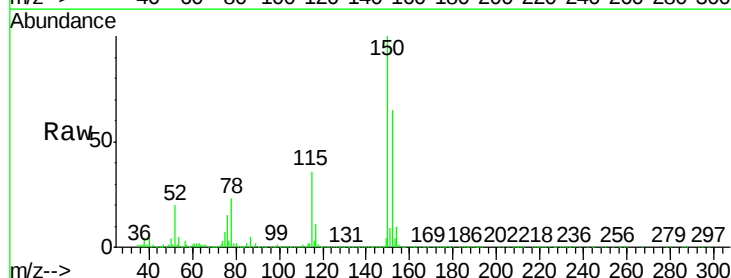
Tgt Ion:152 Resp: 295165

Ion Ratio Lower Upper

152 100

115 54.8 39.4 118.1

150 154.5 0.0 351.2



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

500000

400000

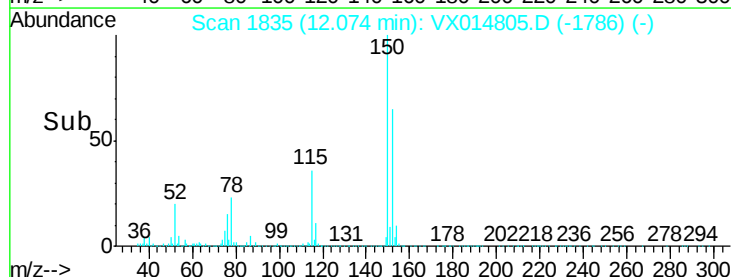
300000

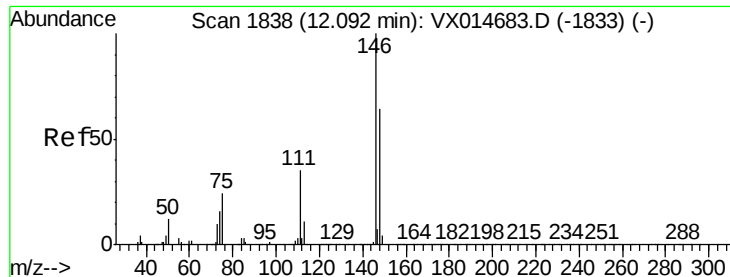
200000

100000

0

Time-->

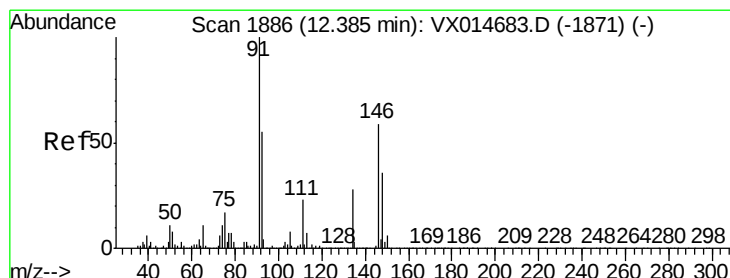
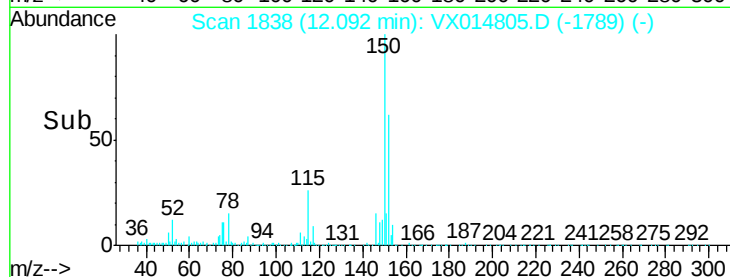
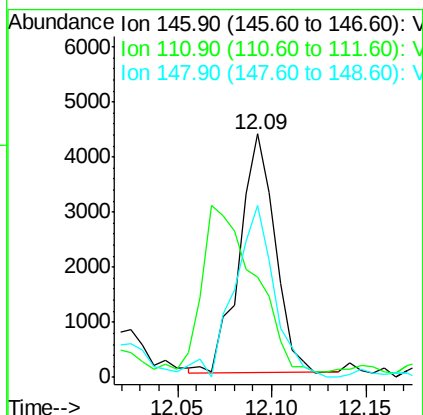
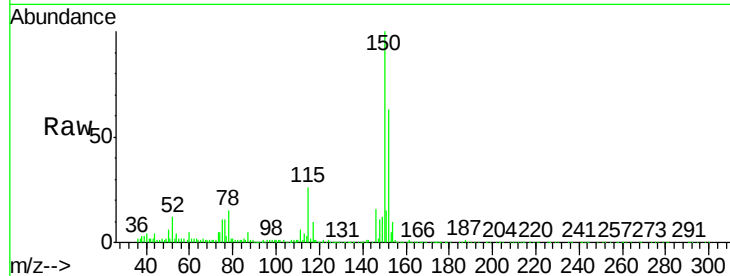




#88
 1,4-Dichlorobenzene
 Concen: 0.560 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014805.D
 Acq: 04 Feb 2020 13:39

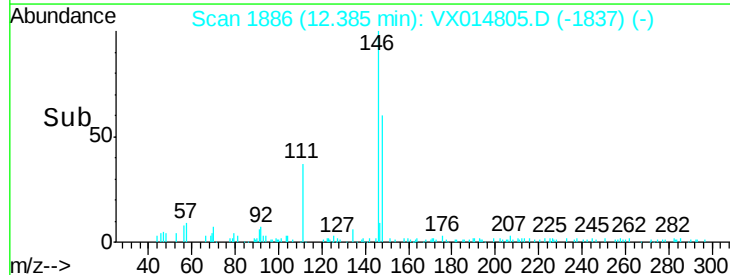
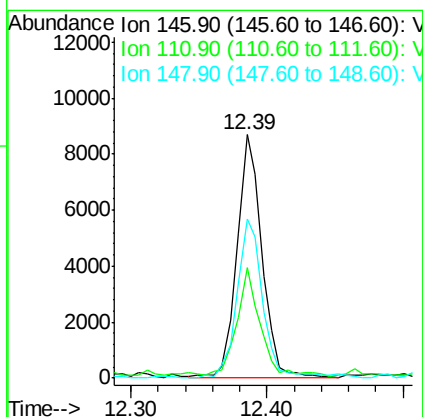
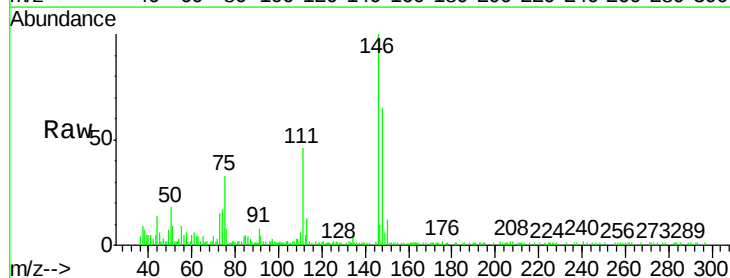
Instrument :
 MSVOA_X
 ClientSampleId :
 F06031

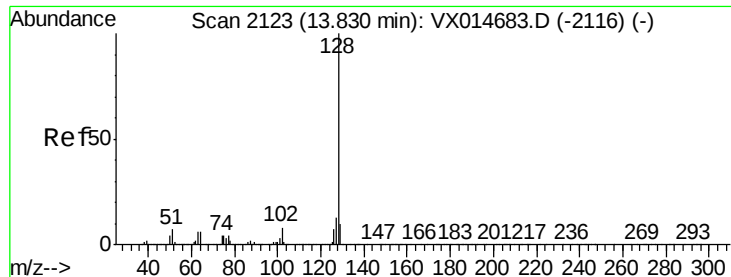
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.6	55.8
148	82.4	32.0	96.2



#91
 1,2-Dichlorobenzene
 Concen: 1.119 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014805.D
 Acq: 04 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.6	58.8
148	67.3	31.9	95.9

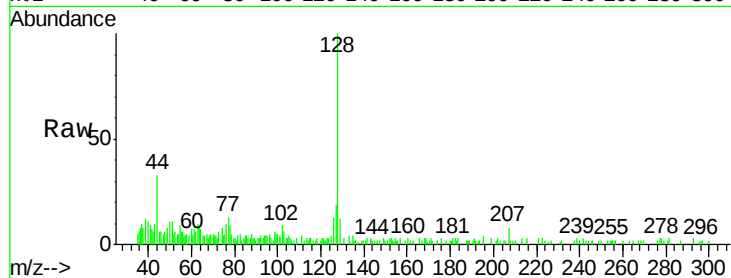




#95
Naphthalene
Concen: 1.168 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014805.D
Acq: 04 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
F06031

Tot Ion	Ratio	Lower	Upper
128	100		
127	27.3	10.3	15.5#
129	13.9	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

