

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001281.D
 Acq On : 01 May 2018 16:15
 Operator : JC/MD
 Sample : J2616-18 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-1

Quant Time: May 02 05:07:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

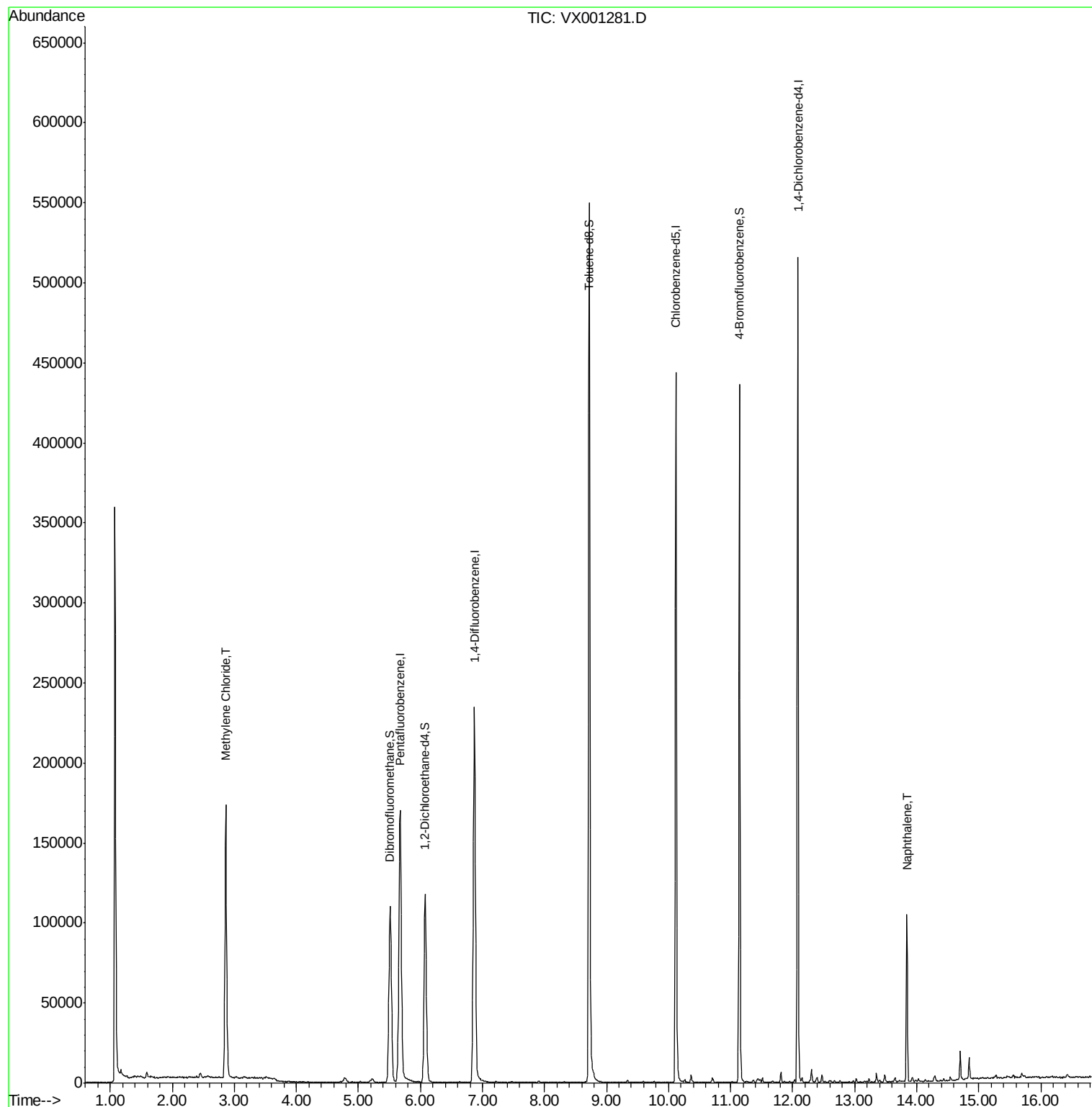
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	244615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	109889	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
35) Dibromofluoromethane	5.51	113	88765	42.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.24%	
50) Toluene-d8	8.72	98	343199	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
62) 4-Bromofluorobenzene	11.14	95	106678	35.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.86%	
Target Compounds						
20) Methylene Chloride	2.86	84	76877	38.15	ug/l	97
95) Naphthalene	13.84	128	65556	8.07	ug/l	99

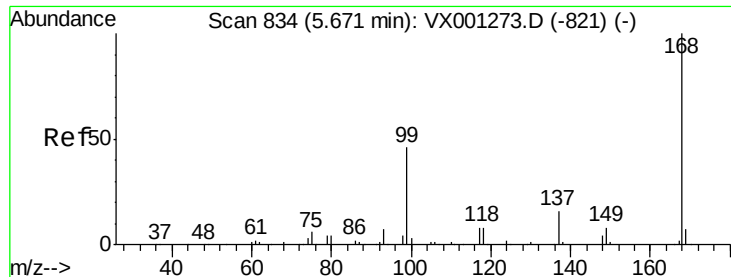
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001281.D

Acq: 01 May 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

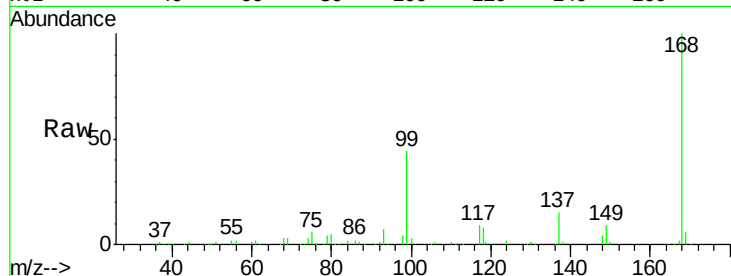
CONCRETE-1

Tot Ion:168 Resp: 187157

Ion Ratio Lower Upper

168 100

99 43.5 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

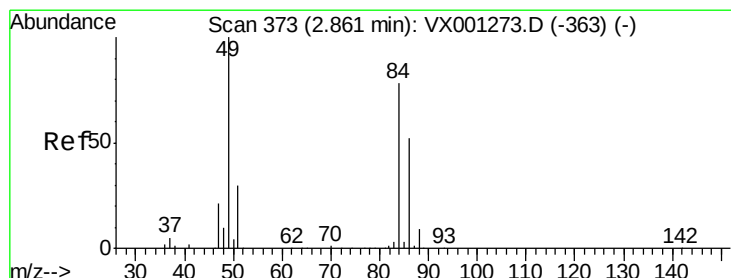
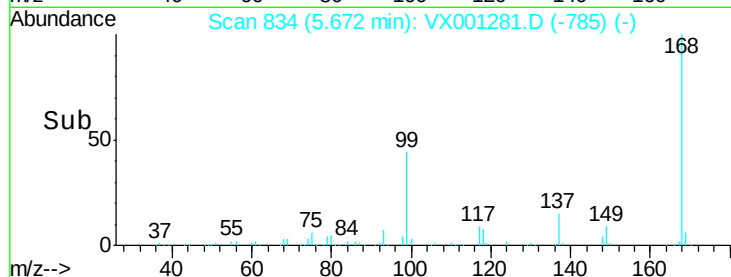
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#20

Methylene Chloride

Concen: 38.15 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001281.D

Acq: 01 May 2018 16:15

Tgt Ion: 84 Resp: 76877

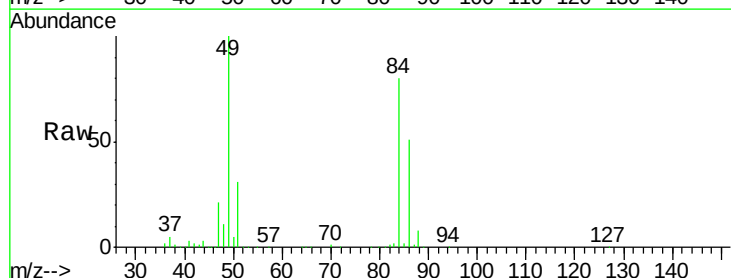
Ion Ratio Lower Upper

84 100

49 125.0 102.8 154.2

51 38.9 30.9 46.3

86 64.0 53.0 79.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

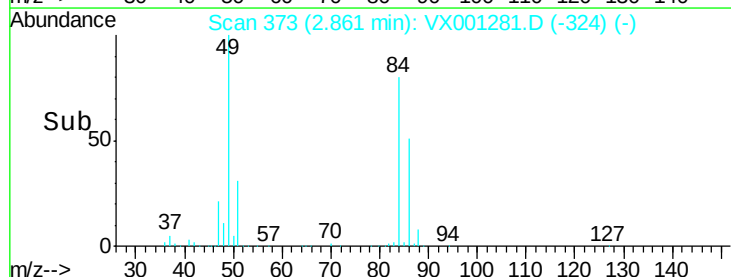
60000

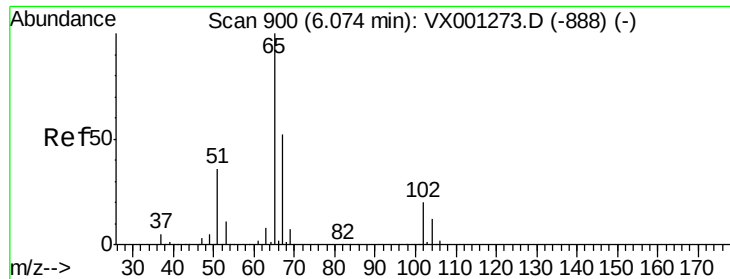
40000

20000

0

Time--> 2.80 2.85 2.90 2.95

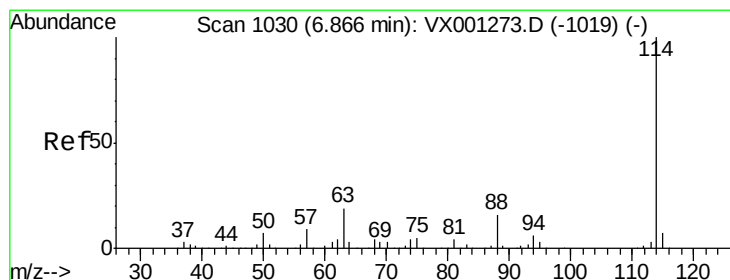
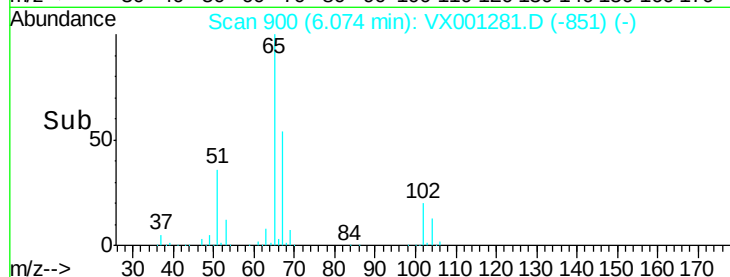
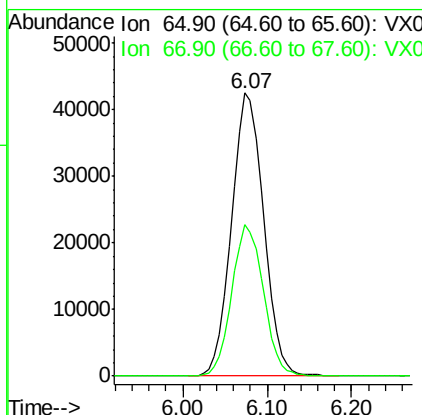
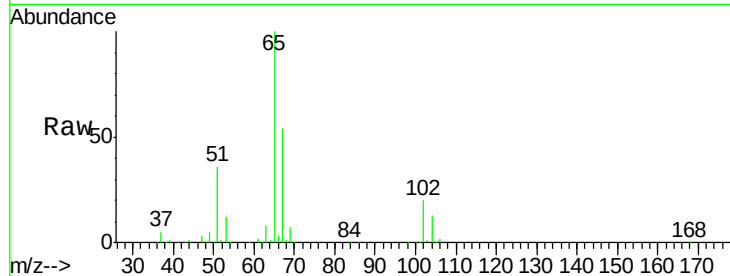




#33
 1,2-Dichloroethane-d4
 Concen: 42.42 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001281.D
 Acq: 01 May 2018 16:15

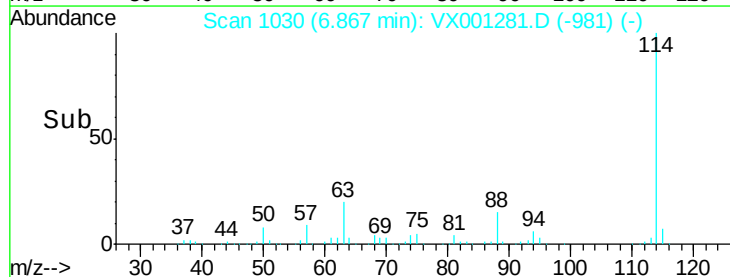
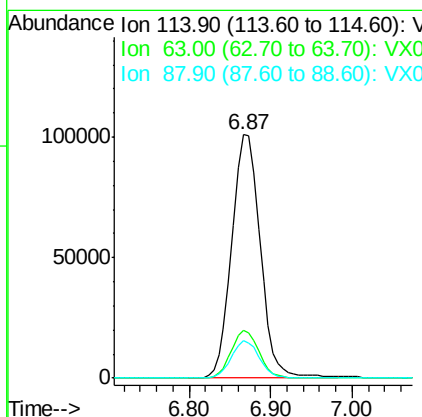
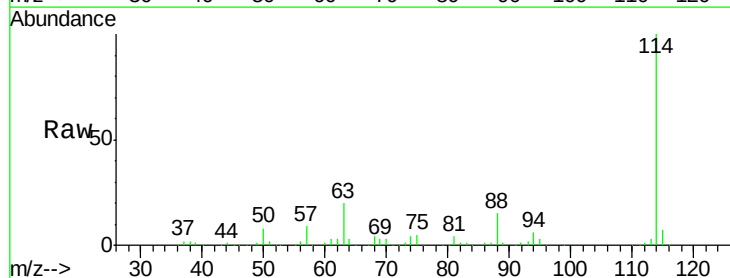
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-1

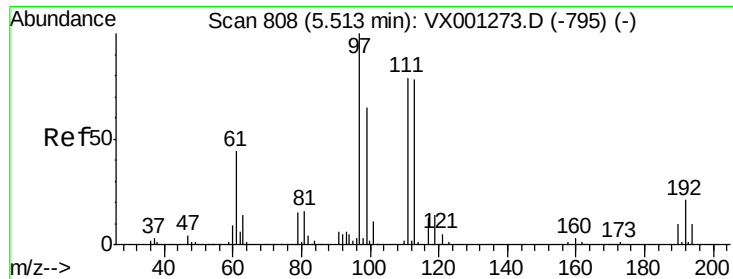
Tot Ion: 65 Resp: 109889
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001281.D
 Acq: 01 May 2018 16:15

Tgt Ion: 114 Resp: 244615
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.3 0.0 32.2

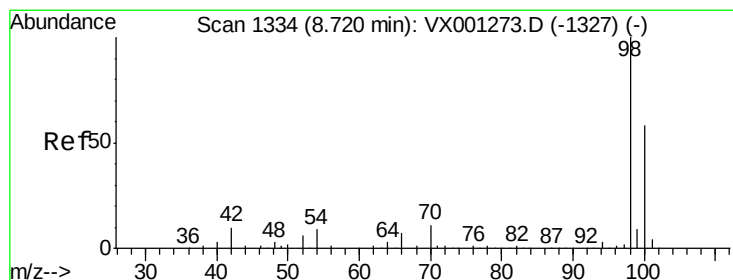
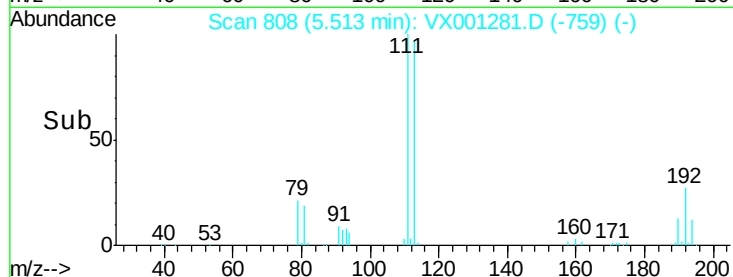
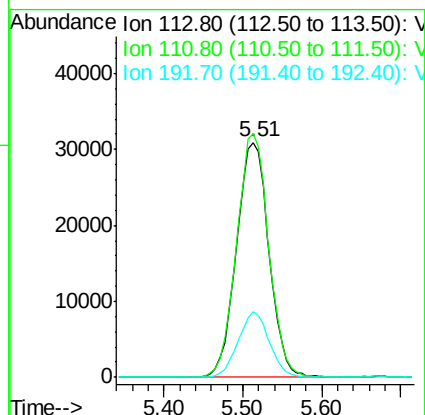
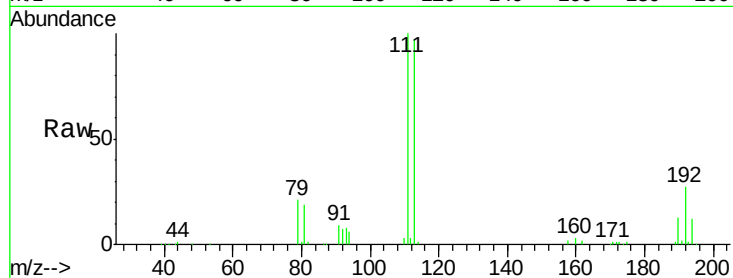




#35
 Dibromofluoromethane
 Concen: 42.12 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001281.D
 Acq: 01 May 2018 16:15

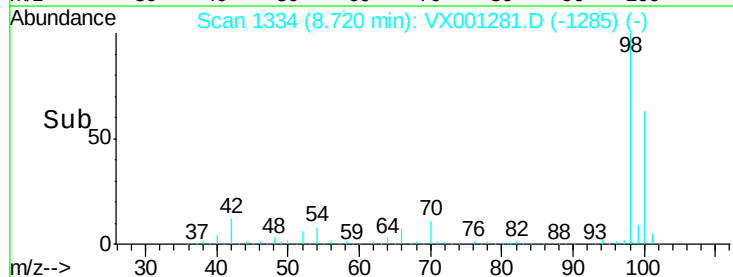
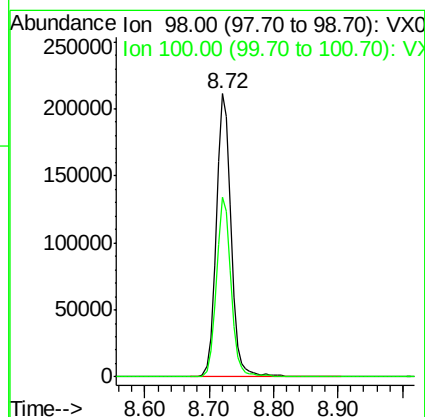
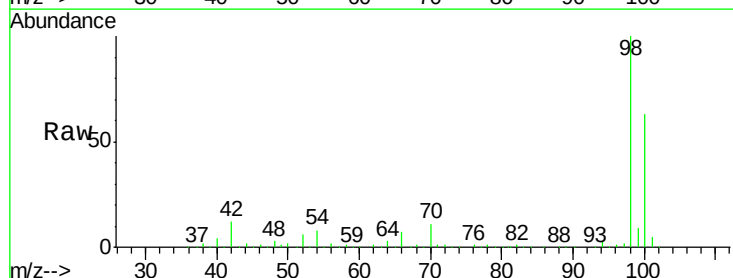
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-1

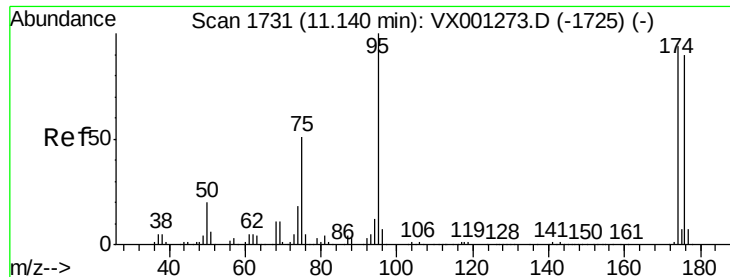
Tot Ion:113 Resp: 88765
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.2 121.8
 192 26.8 20.7 31.1



#50
 Toluene-d8
 Concen: 45.58 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001281.D
 Acq: 01 May 2018 16:15

Tgt Ion: 98 Resp: 343199
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.0 76.4

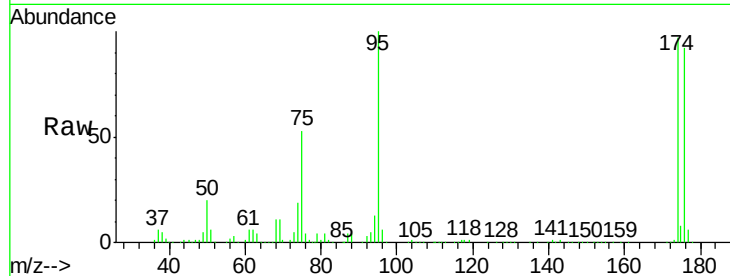




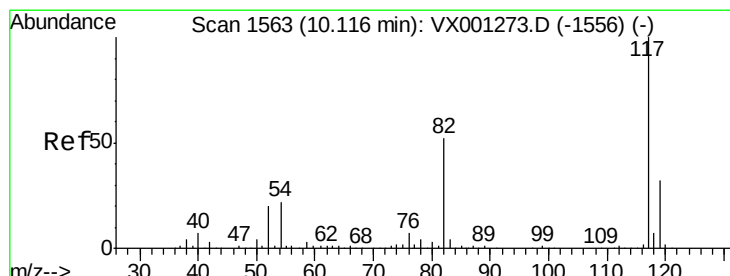
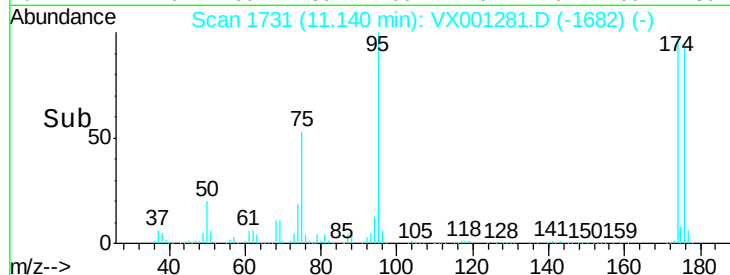
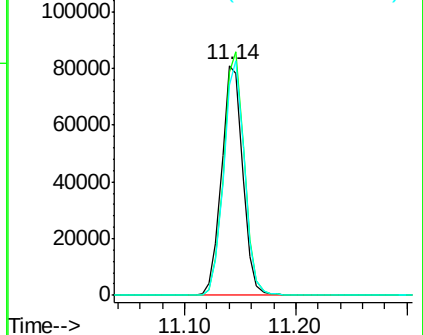
#62
4-Bromofluorobenzene
Concen: 35.43 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001281.D
Acq: 01 May 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
CONCRETE-1

Tot Ion: 95 Resp: 106678
Ion Ratio Lower Upper
95 100
174 103.3 0.0 201.8
176 99.6 0.0 197.2

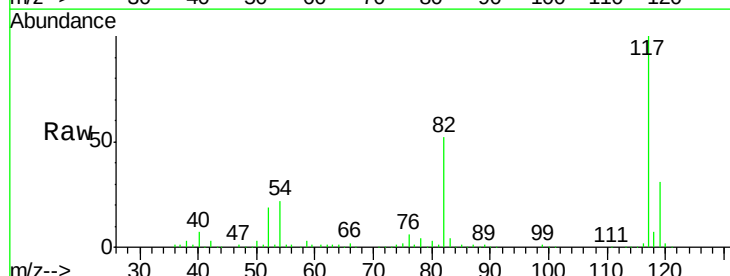


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

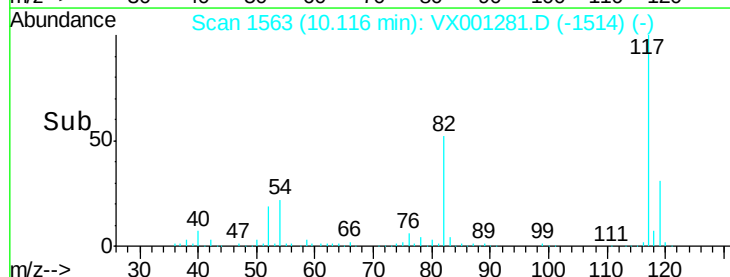
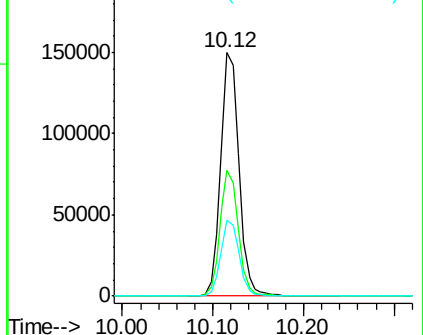


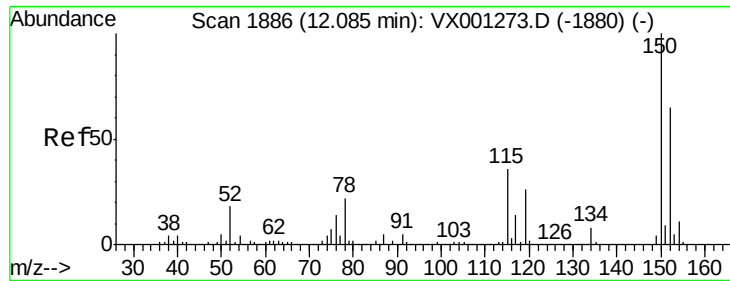
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001281.D
Acq: 01 May 2018 16:15

Tgt Ion: 117 Resp: 213003
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 31.2 25.5 38.3



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

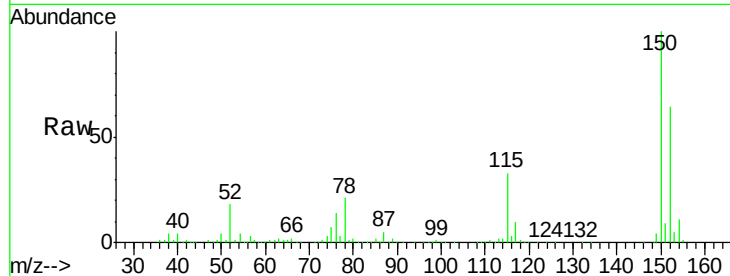




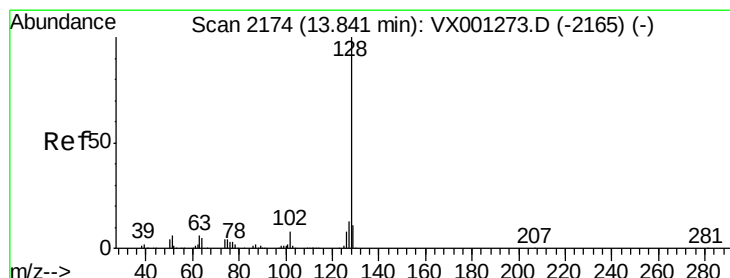
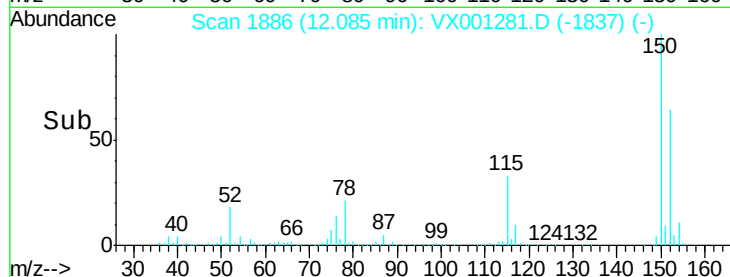
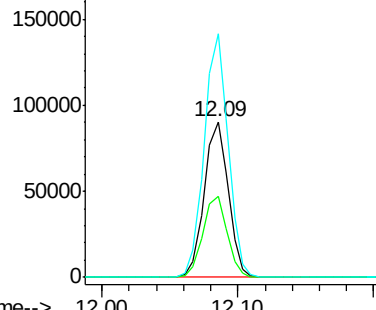
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001281.D
 Acq: 01 May 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCRETE-1

Tot Ion:152 Resp: 111040
 Ion Ratio Lower Upper
 152 100
 115 52.8 38.6 115.7
 150 155.6 0.0 349.2

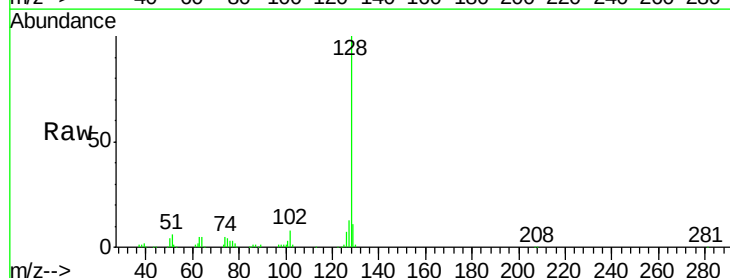


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 8.07 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001281.D
 Acq: 01 May 2018 16:15

Tgt Ion:128 Resp: 65556
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.5 15.7
 129 10.8 8.7 13.1



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

