

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004689.D
 Acq On : 19 Sep 2018 06:02
 Operator : JC/MD
 Sample : J4957-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48966

Quant Time: Sep 19 12:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	274249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219950	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	159917	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
35) Dibromofluoromethane	5.51	113	151261	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
50) Toluene-d8	8.71	98	498806	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
62) 4-Bromofluorobenzene	11.14	95	177114	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	

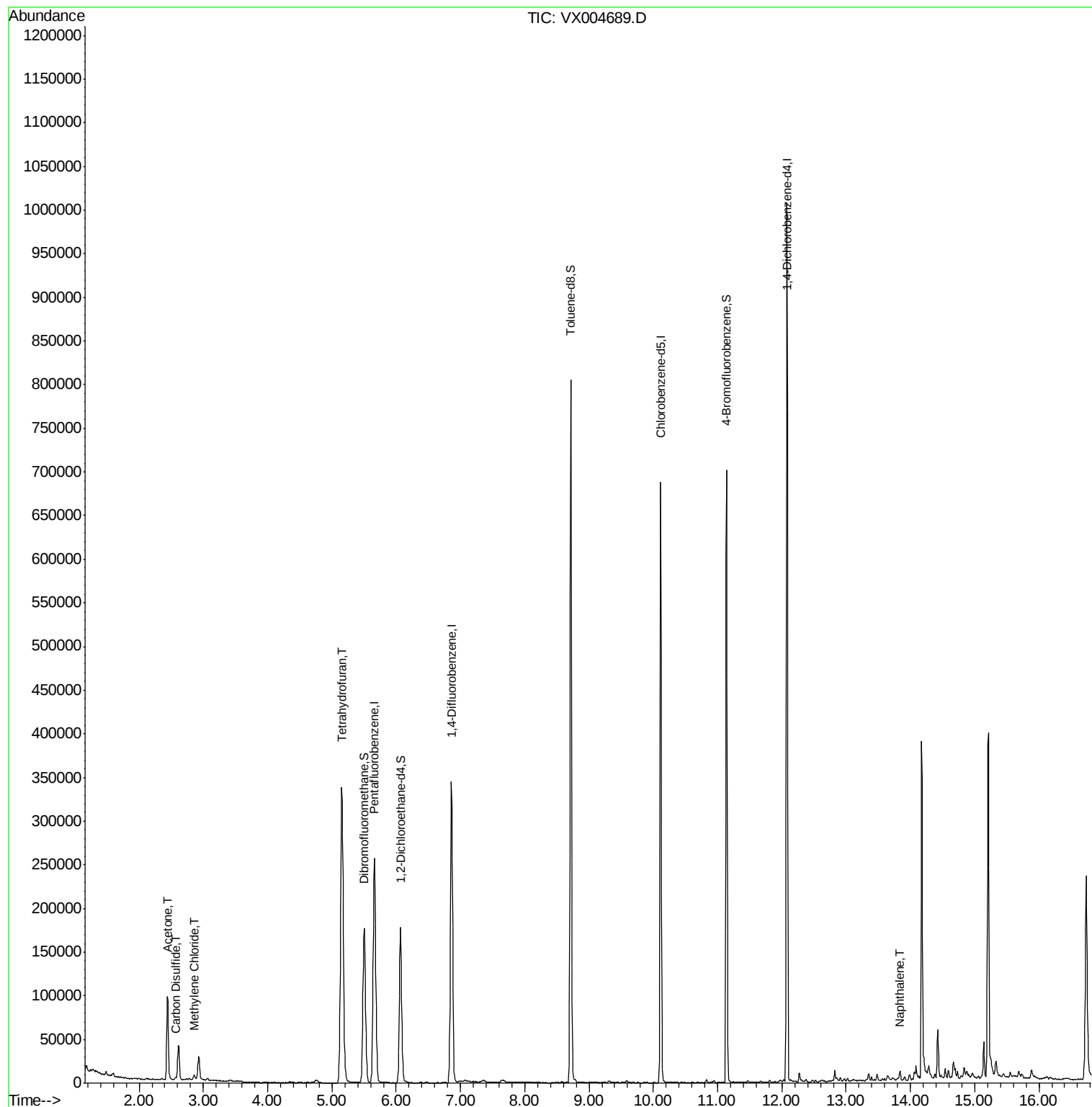
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	100384	58.16	ug/l	95
17) Carbon Disulfide	2.57	76	2827	0.34	ug/l #	88
20) Methylene Chloride	2.86	84	2679	0.76	ug/l #	84
29) Tetrahydrofuran	5.15	42	314089	189.61	ug/l	99
95) Naphthalene	13.83	128	7980	0.53	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004689.D

Acq: 19 Sep 2018 06:02

Instrument :

MSVOA_X

ClientSampleId :

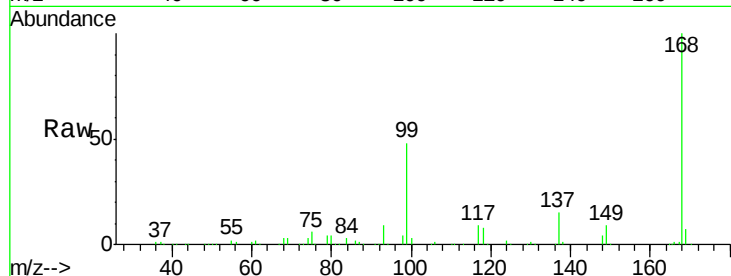
N48966

Tot Ion:168 Resp: 274249

Ion Ratio Lower Upper

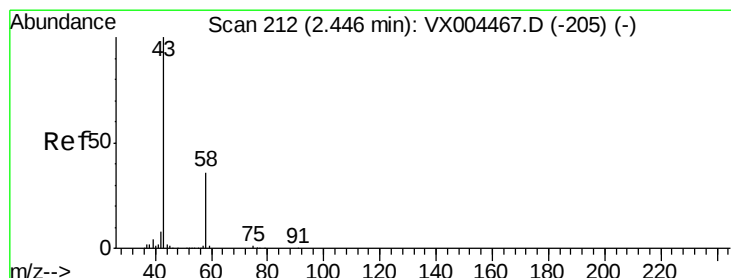
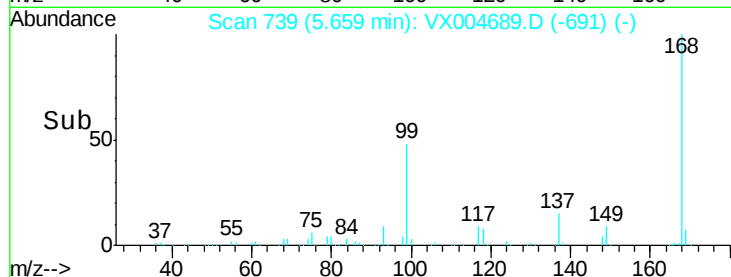
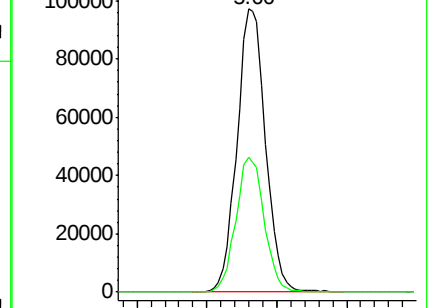
168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 58.16 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004689.D

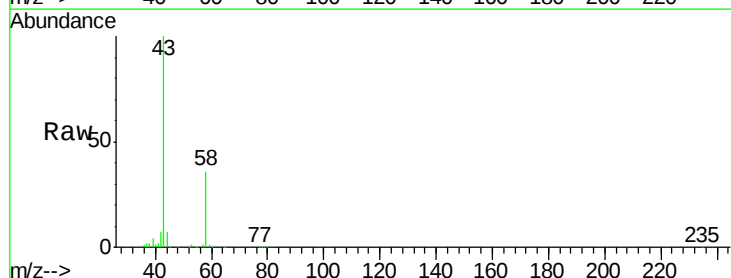
Acq: 19 Sep 2018 06:02

Tgt Ion: 43 Resp: 100384

Ion Ratio Lower Upper

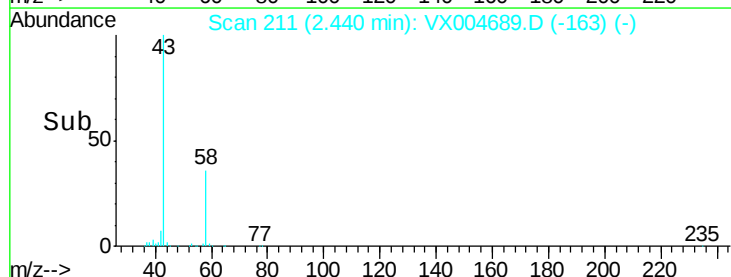
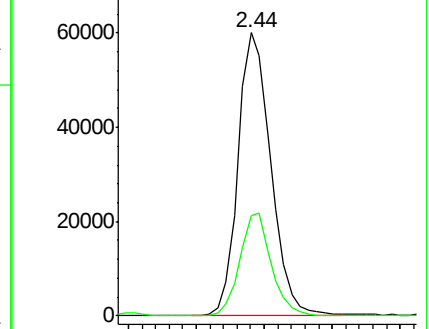
43 100

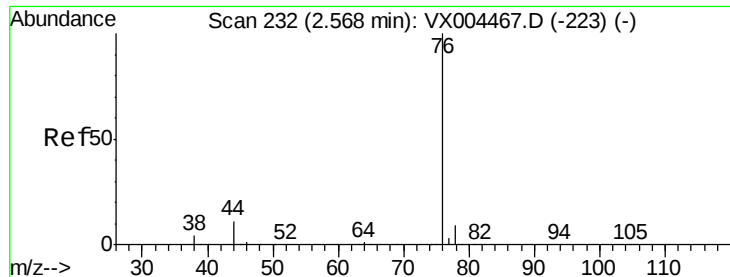
58 35.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.34 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004689.D

Acq: 19 Sep 2018 06:02

Instrument :

MSVOA_X

ClientSampleId :

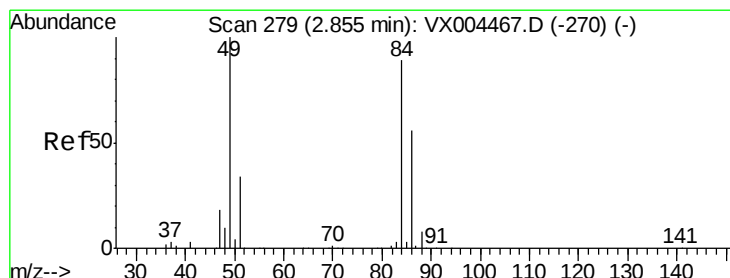
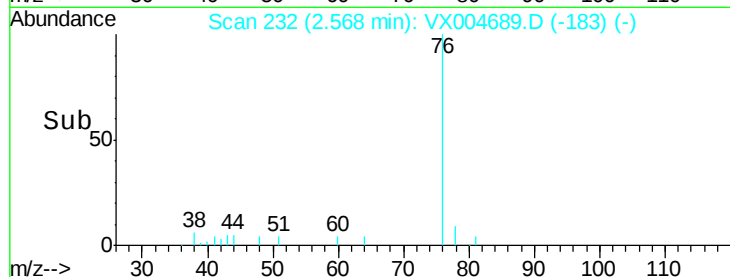
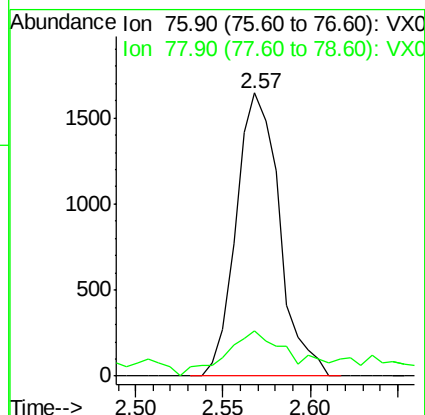
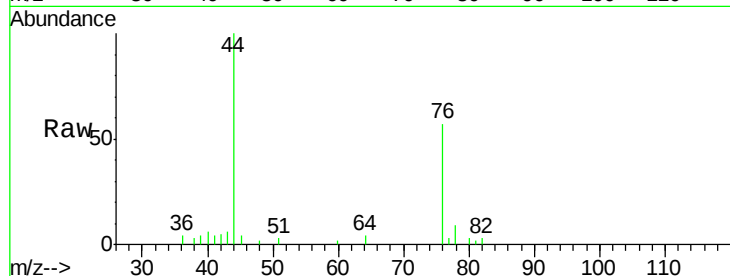
N48966

Tot Ion: 76 Resp: 2827

Ion Ratio Lower Upper

76 100

78 13.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.76 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004689.D

Acq: 19 Sep 2018 06:02

Tgt Ion: 84 Resp: 2679

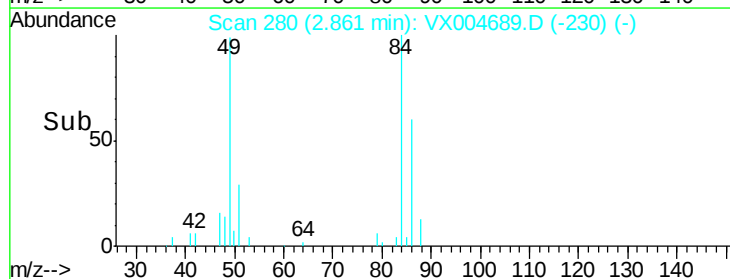
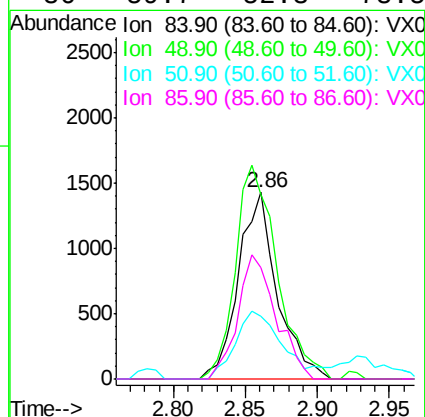
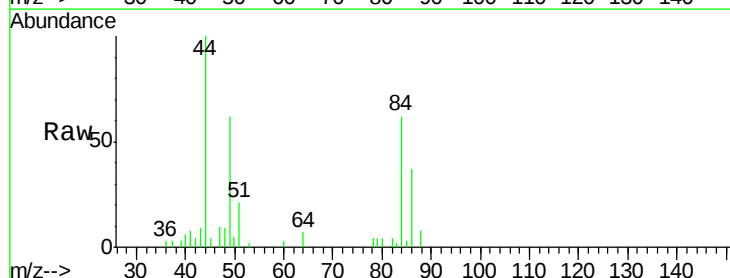
Ion Ratio Lower Upper

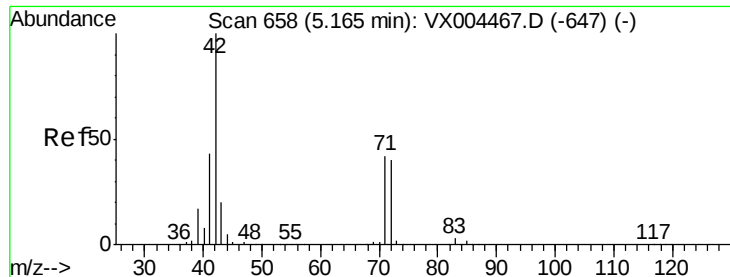
84 100

49 98.7 101.2 151.8#

51 33.4 29.5 44.3

86 59.7 52.3 78.5

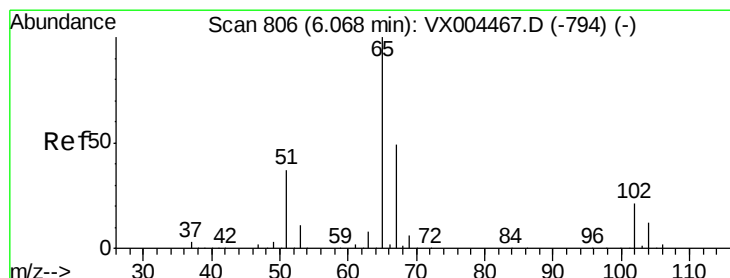
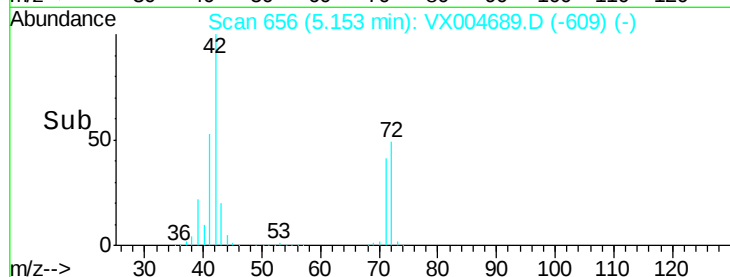
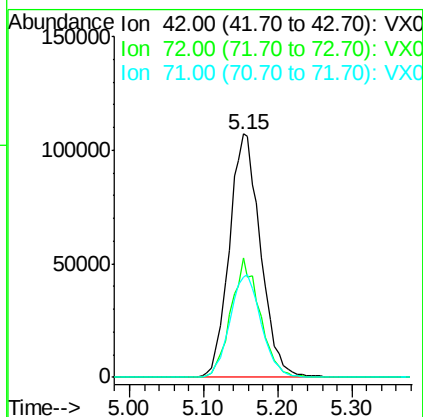
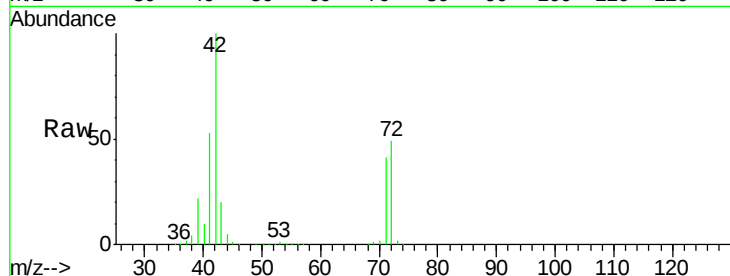




#29
Tetrahydrofuran
Concen: 189.61 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004689.D
Acq: 19 Sep 2018 06:02

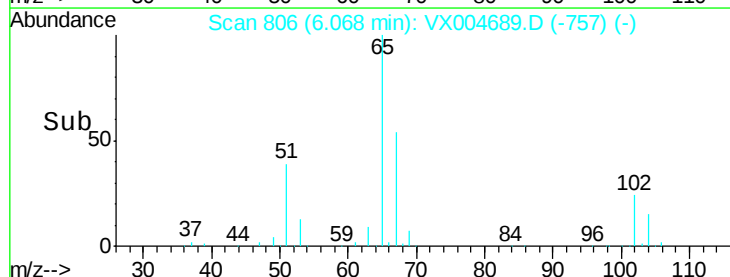
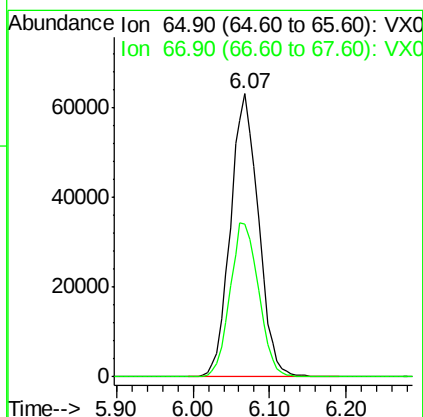
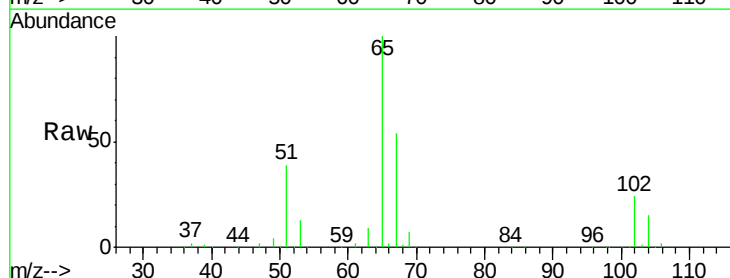
Instrument :
MSVOA_X
ClientSampleId :
N48966

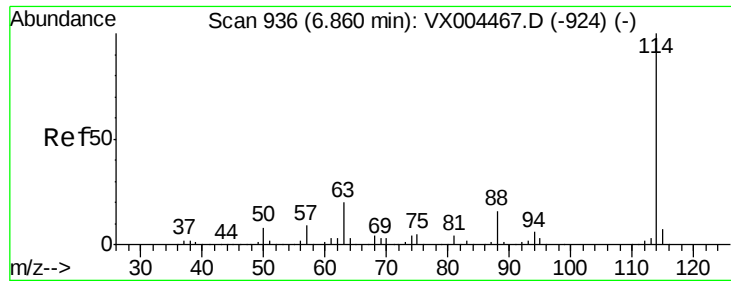
Tot Ion: 42 Resp: 314089
Ion Ratio Lower Upper
42 100
72 45.5 37.4 56.0
71 42.7 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 45.22 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004689.D
Acq: 19 Sep 2018 06:02

Tgt Ion: 65 Resp: 159917
Ion Ratio Lower Upper
65 100
67 55.6 0.0 106.8

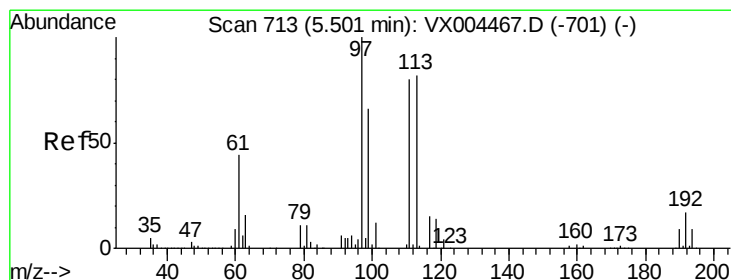
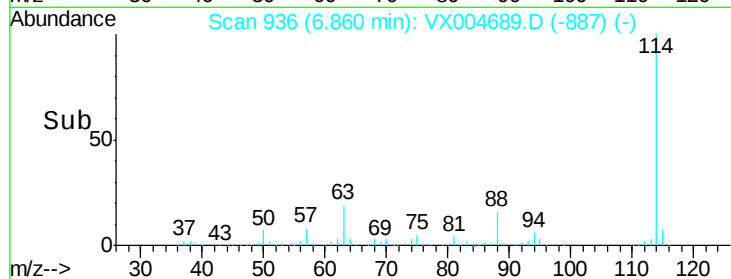
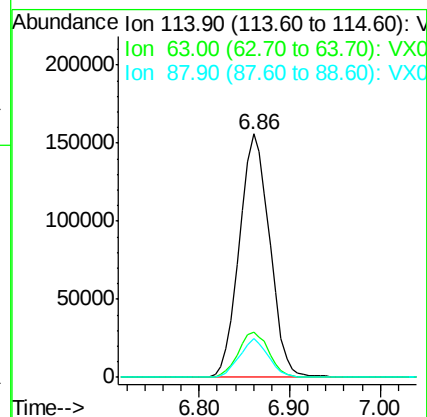
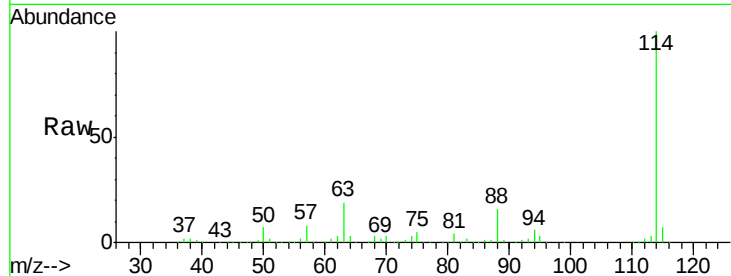




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004689.D
 Acq: 19 Sep 2018 06:02

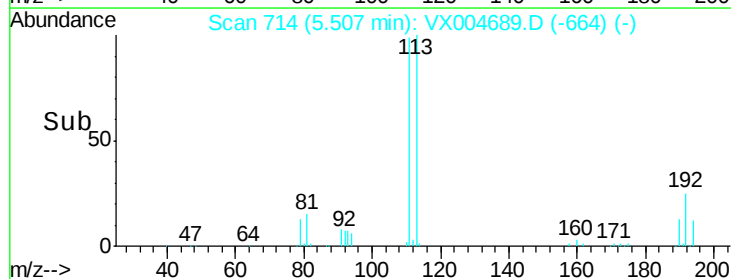
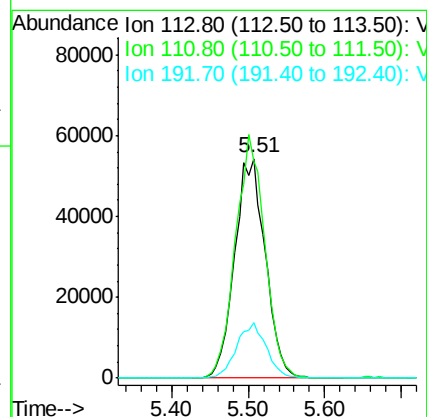
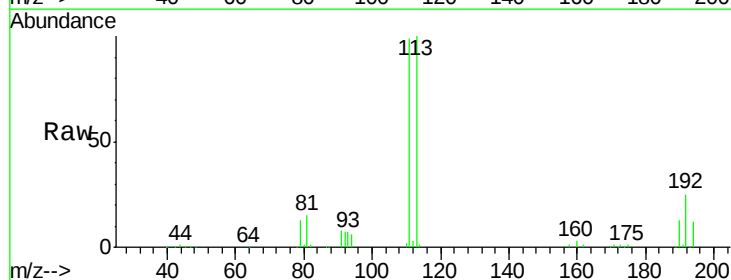
Instrument :
 MSVOA_X
 ClientSampleId :
 N48966

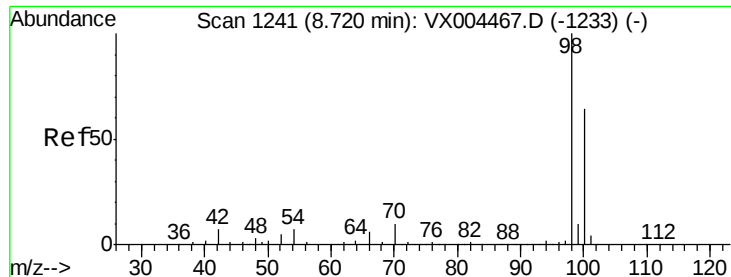
Tot Ion:114 Resp: 362332
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.0
 88 15.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.62 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004689.D
 Acq: 19 Sep 2018 06:02

Tgt Ion:113 Resp: 151261
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.4 123.6
 192 24.4 19.4 29.2





#50

Toluene-d8

Concen: 44.86 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004689.D

Acq: 19 Sep 2018 06:02

Instrument :

MSVOA_X

ClientSampleId :

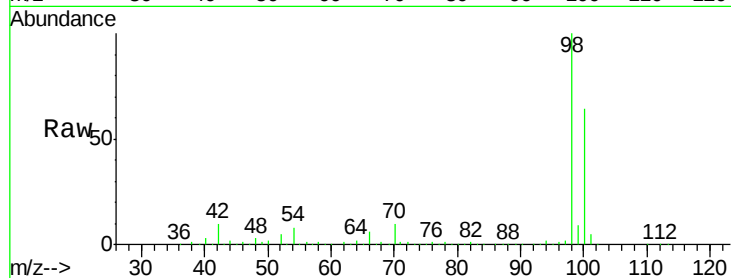
N48966

Tot Ion: 98 Resp: 498806

Ion Ratio Lower Upper

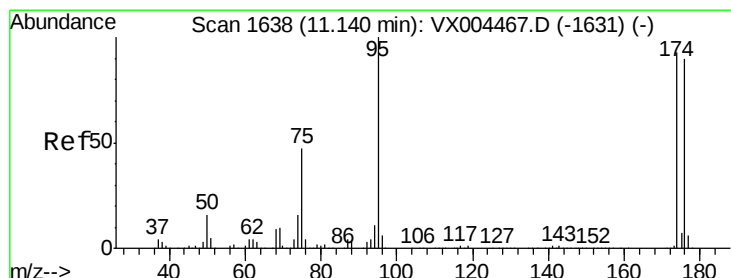
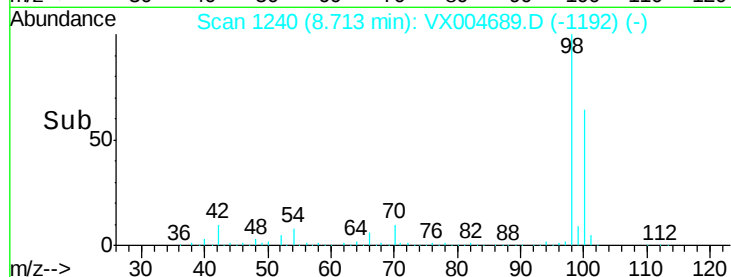
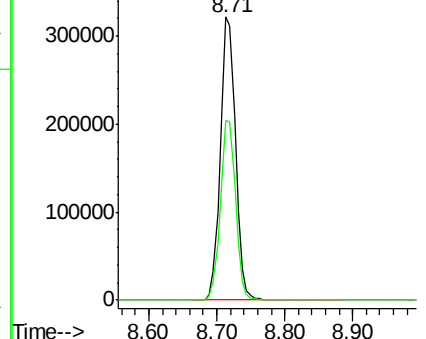
98 100

100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.62 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004689.D

Acq: 19 Sep 2018 06:02

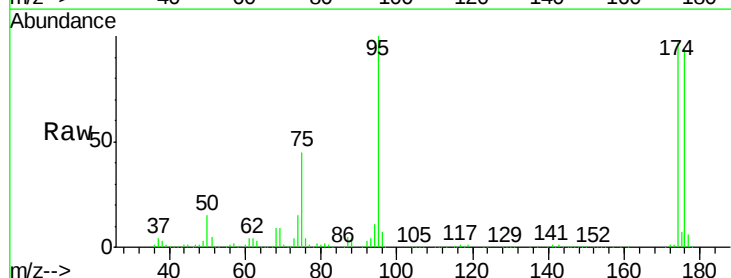
Tgt Ion: 95 Resp: 177114

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.2

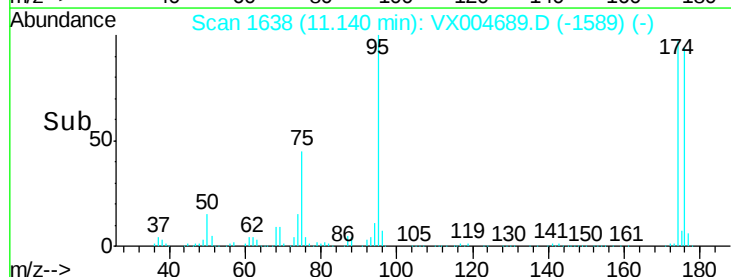
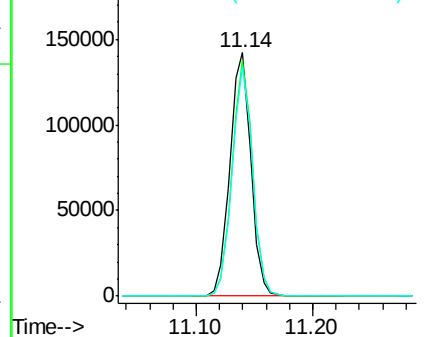
176 92.1 0.0 178.6

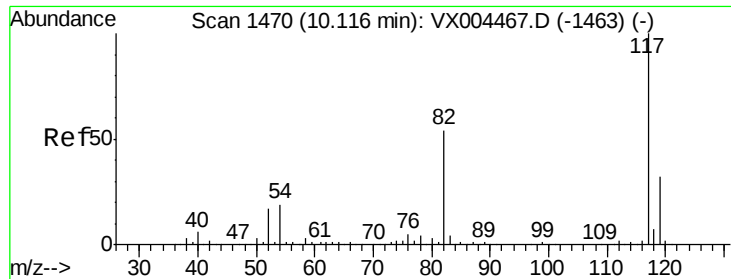


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

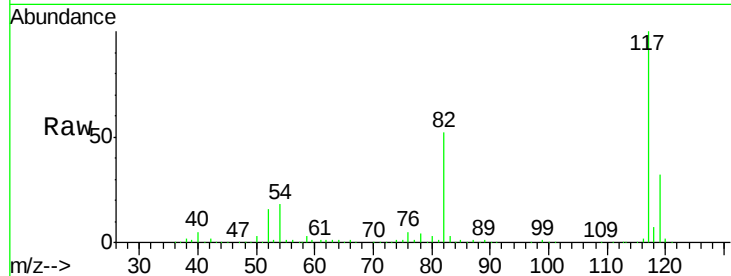




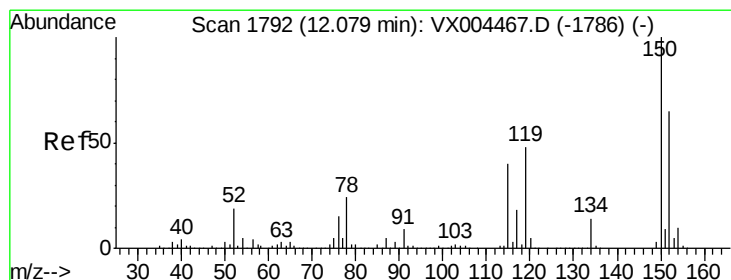
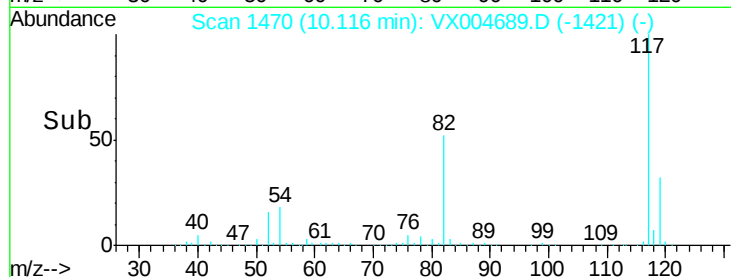
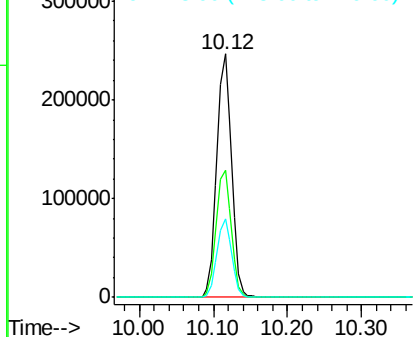
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004689.D
Acq: 19 Sep 2018 06:02

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tot Ion:117 Resp: 337217
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.2 29.3 43.9

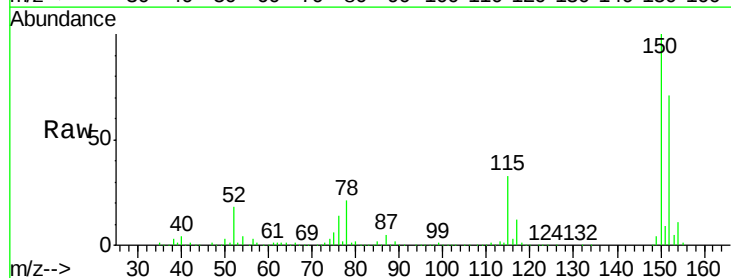


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

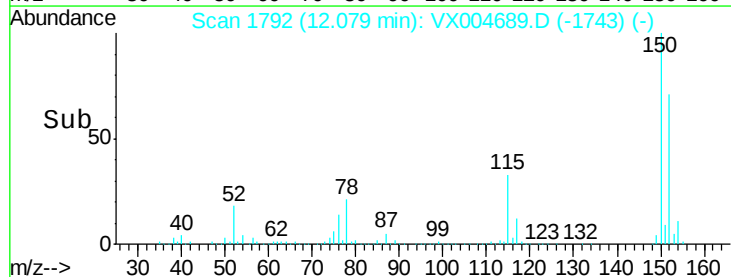
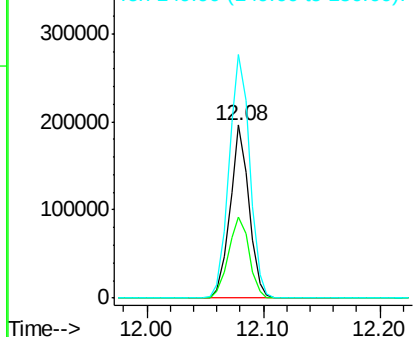


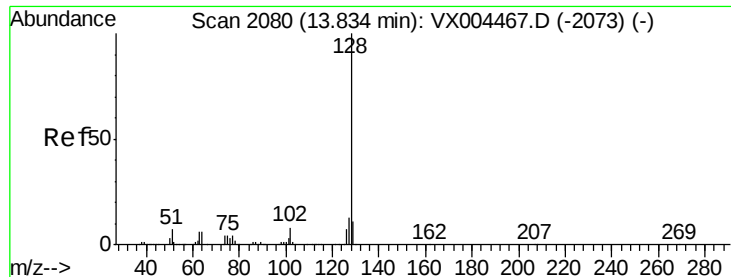
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004689.D
Acq: 19 Sep 2018 06:02

Tgt Ion:152 Resp: 219950
Ion Ratio Lower Upper
152 100
115 51.5 39.0 117.0
150 154.5 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

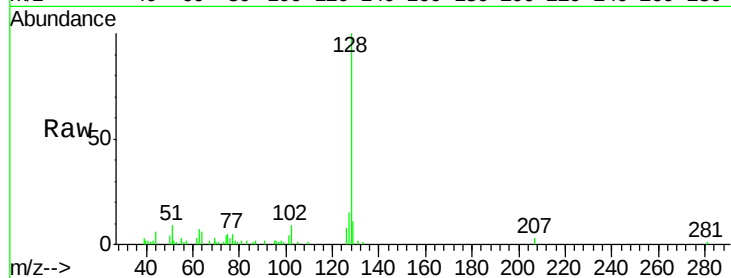




#95
Naphthalene
Concen: 0.53 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004689.D
Acq: 19 Sep 2018 06:02

Instrument :
MSVOA_X
ClientSampleId :
N48966

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.2
129	11.3	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

