

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011489.D
 Acq On : 12 Aug 2019 17:26
 Operator : JC/SP
 Sample : K4278-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0693

Quant Time: Aug 13 08:33:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

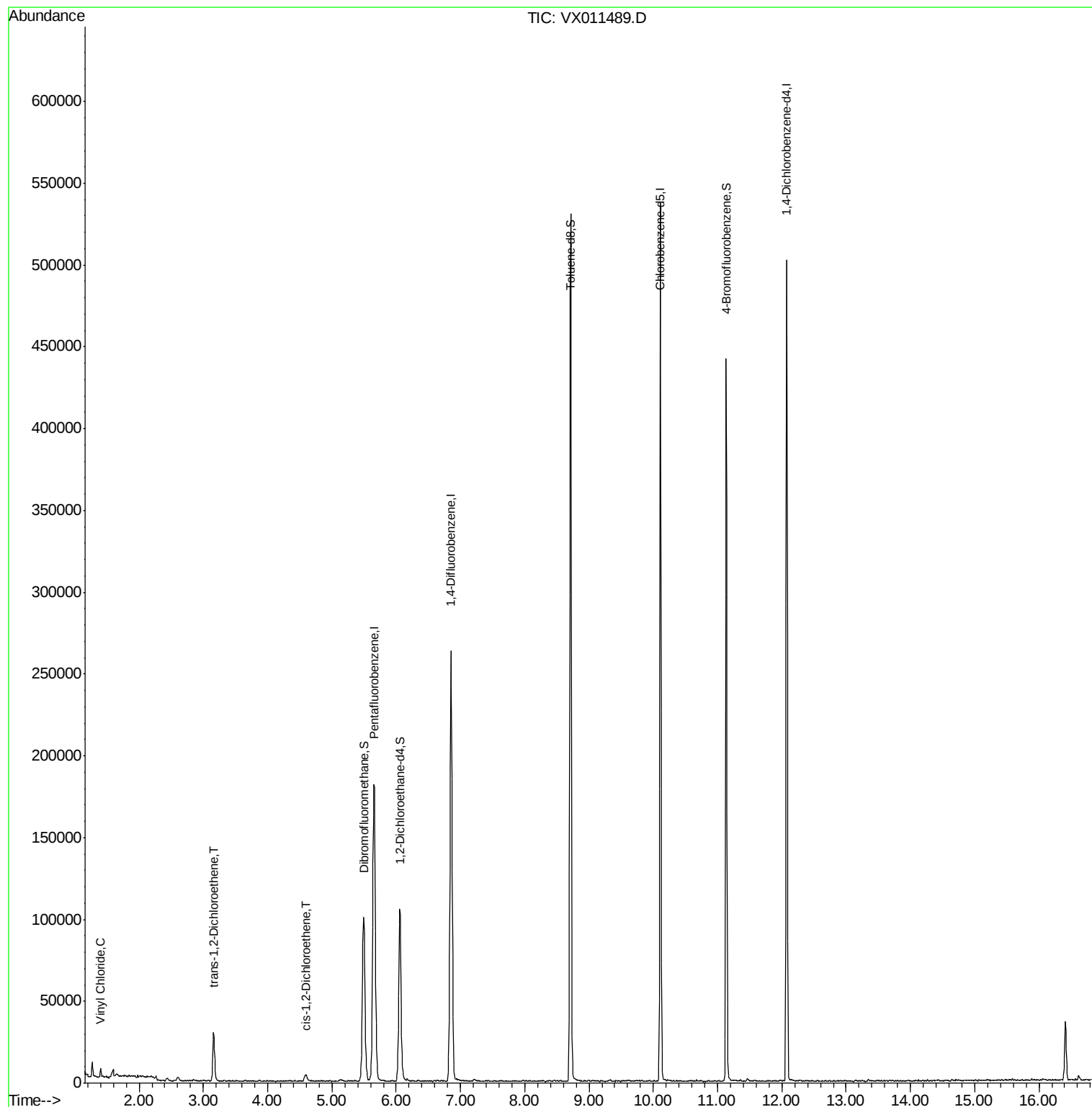
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99969	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
35) Dibromofluoromethane	5.49	113	83938	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	318779	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	102073	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3148	1.839	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	12374	7.167	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	2775	1.395	ug/l #	60

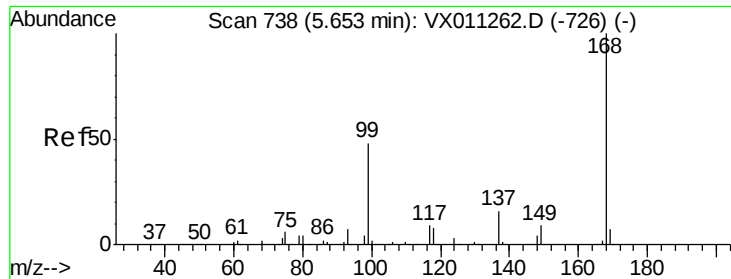
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011489.D

Acq: 12 Aug 2019 17:26

Instrument :

MSVOA_X

ClientSampleId :

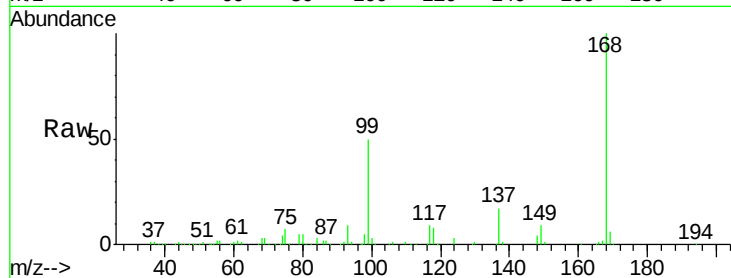
Z3-0693

Tot Ion:168 Resp: 179400

Ion Ratio Lower Upper

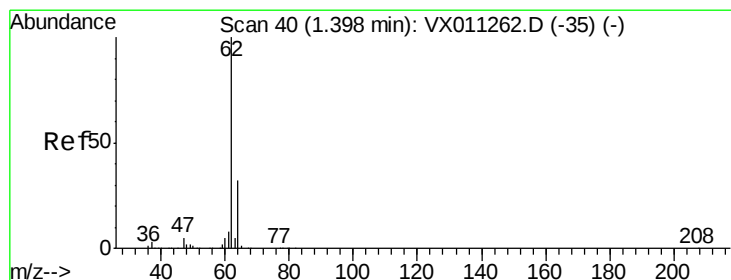
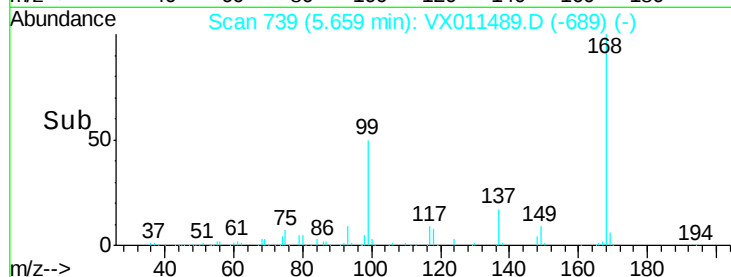
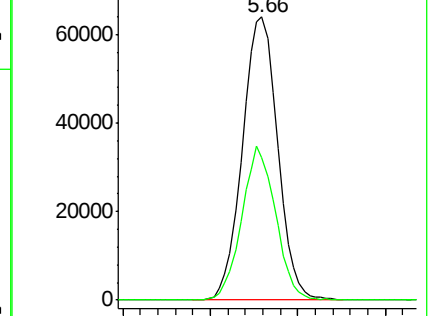
168 100

99 50.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.839 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011489.D

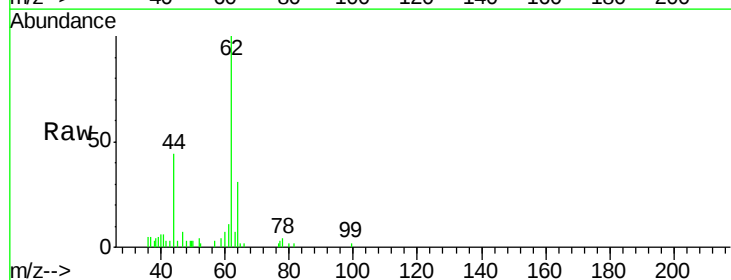
Acq: 12 Aug 2019 17:26

Tgt Ion: 62 Resp: 3148

Ion Ratio Lower Upper

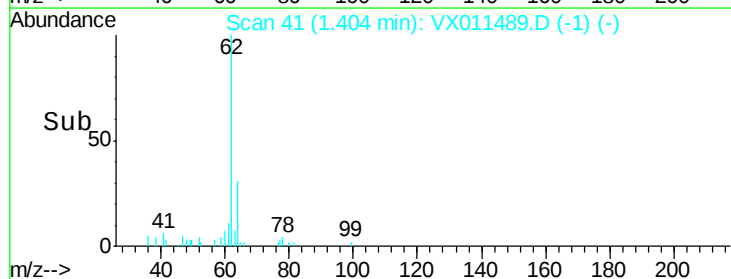
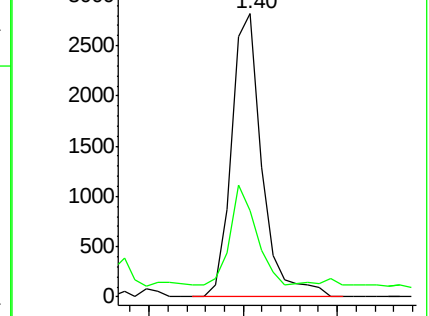
62 100

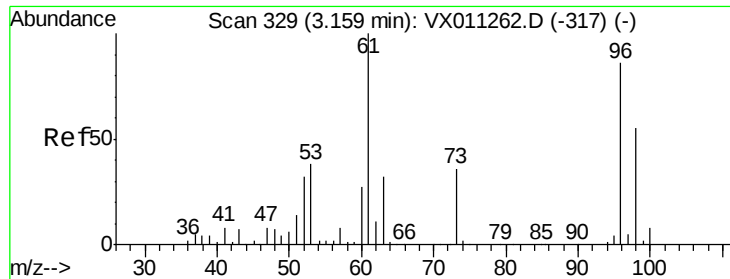
64 26.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 7.167 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011489.D

Acq: 12 Aug 2019 17:26

Instrument :

MSVOA_X

ClientSampled :

Z3-0693

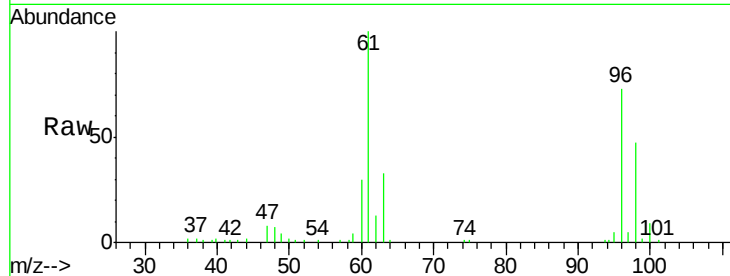
Tot Ion: 96 Resp: 12374

Ion Ratio Lower Upper

96 100

61 136.9 92.8 139.2

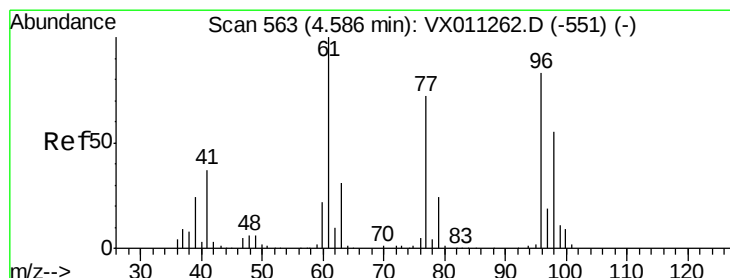
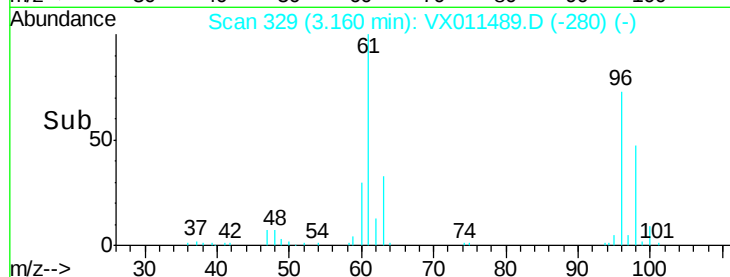
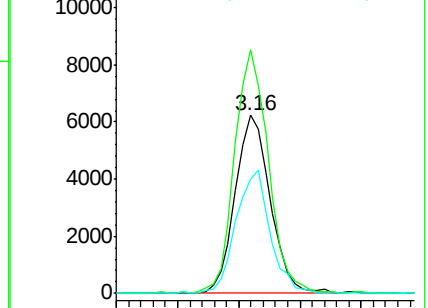
98 64.5 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.395 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX011489.D

Acq: 12 Aug 2019 17:26

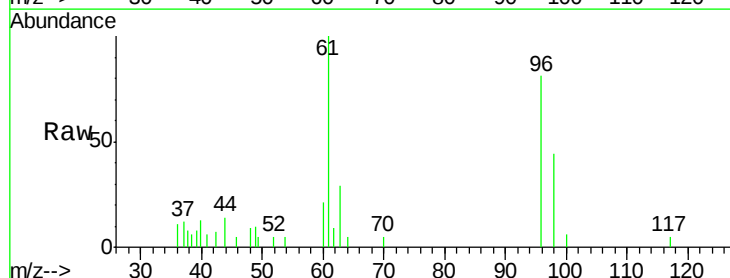
Tgt Ion: 96 Resp: 2775

Ion Ratio Lower Upper

96 100

61 110.1 0.0 260.2

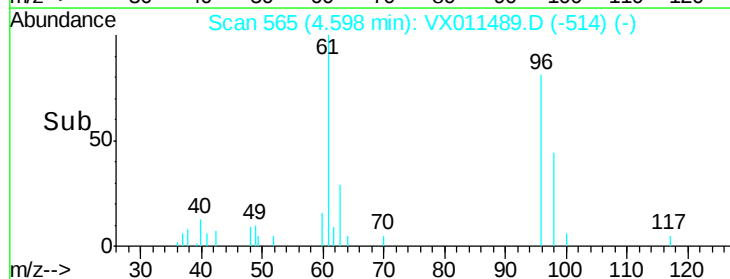
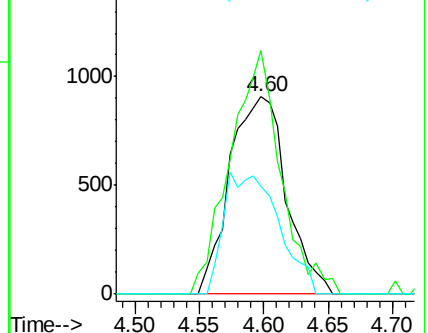
98 0.0 0.0 133.2

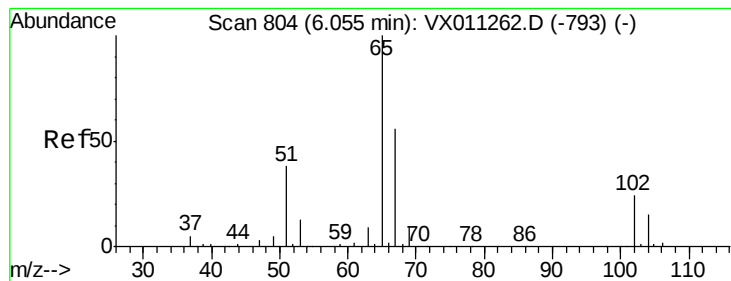


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.334 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011489.D

Acq: 12 Aug 2019 17:26

Instrument :

MSVOA_X

ClientSampleId :

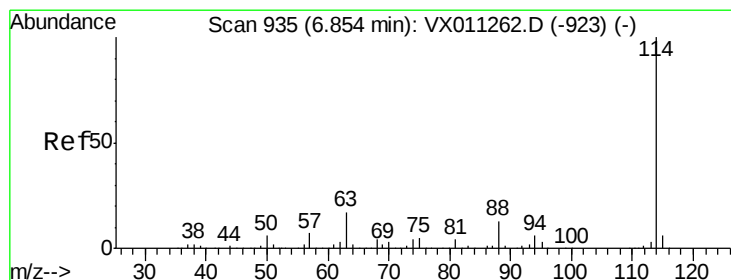
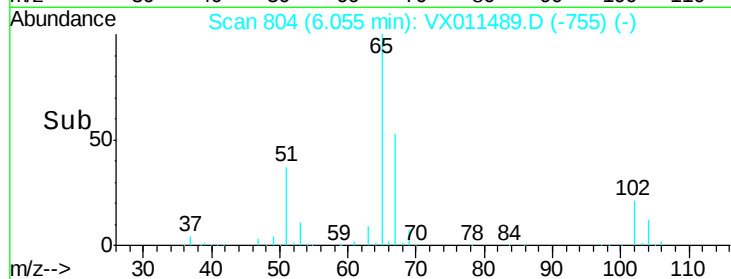
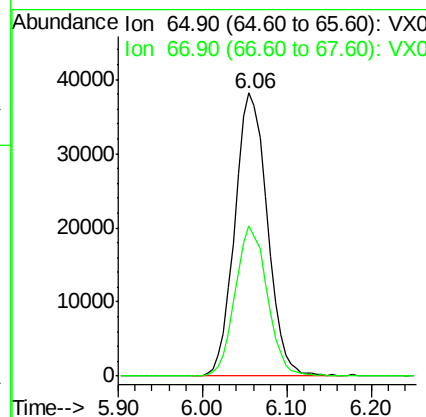
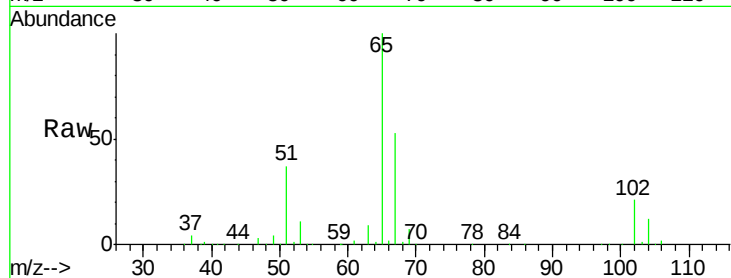
Z3-0693

Tot Ion: 65 Resp: 99969

Ion Ratio Lower Upper

65 100

67 52.2 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011489.D

Acq: 12 Aug 2019 17:26

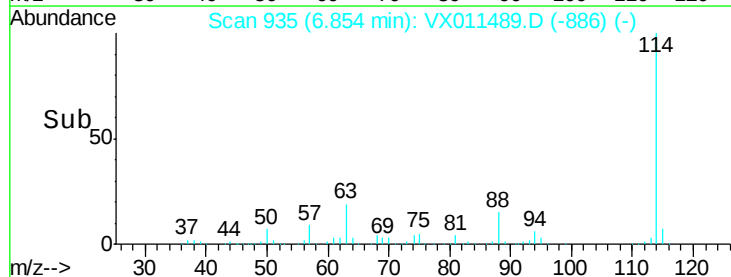
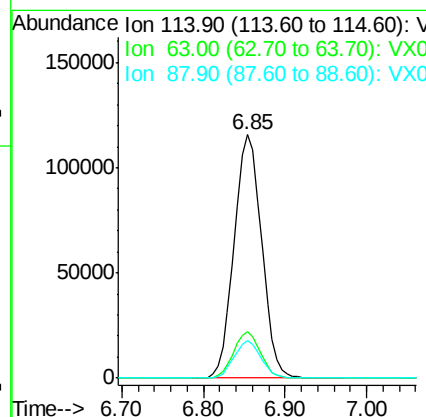
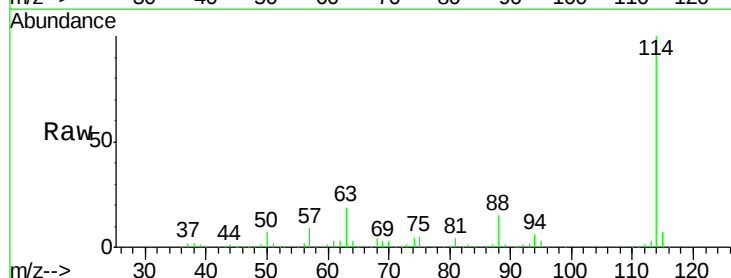
Tgt Ion: 114 Resp: 269210

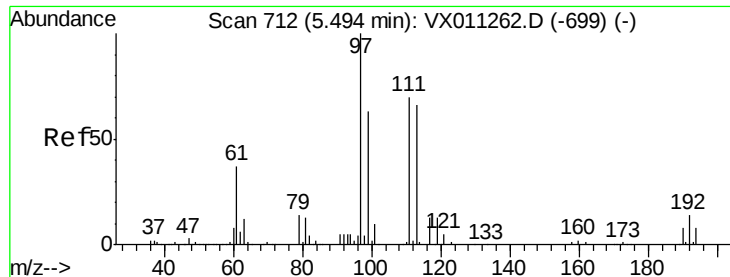
Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

88 15.3 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.757 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011489.D

Acq: 12 Aug 2019 17:26

Instrument :

MSVOA_X

ClientSampleId :

Z3-0693

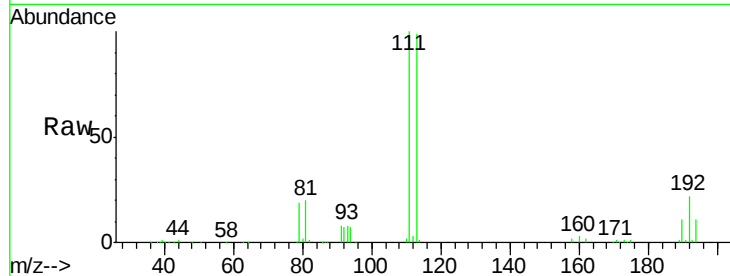
Tot Ion:113 Resp: 83938

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

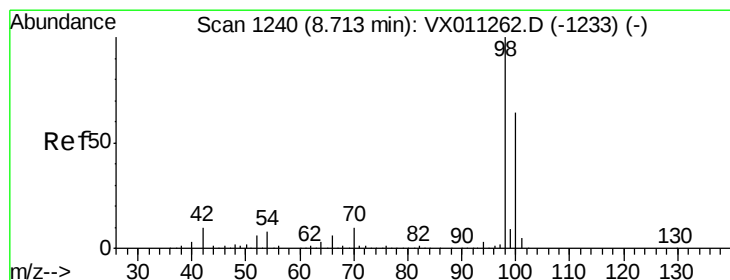
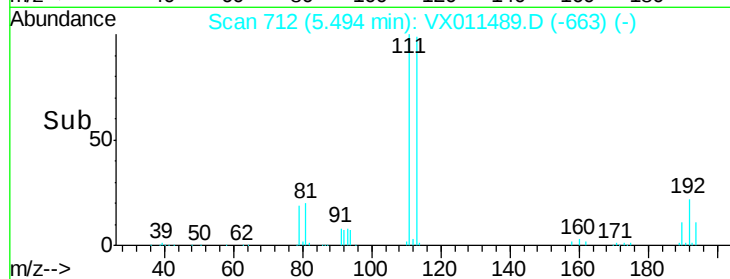
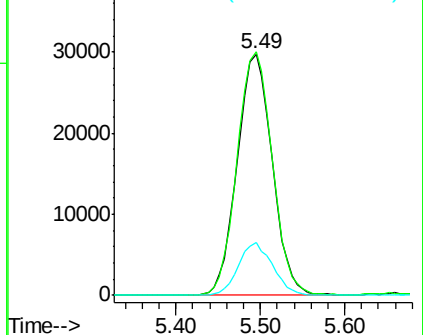
192 21.4 17.8 26.8



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



#50

Toluene-d8

Concen: 48.049 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011489.D

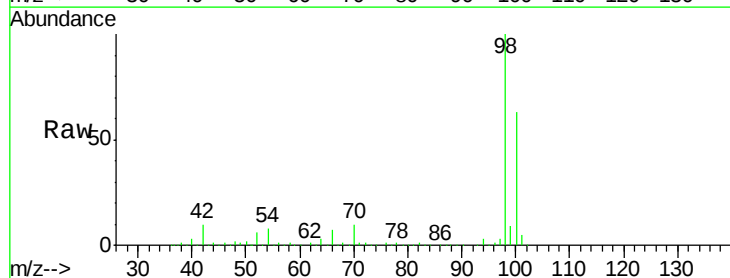
Acq: 12 Aug 2019 17:26

Tgt Ion: 98 Resp: 318779

Ion Ratio Lower Upper

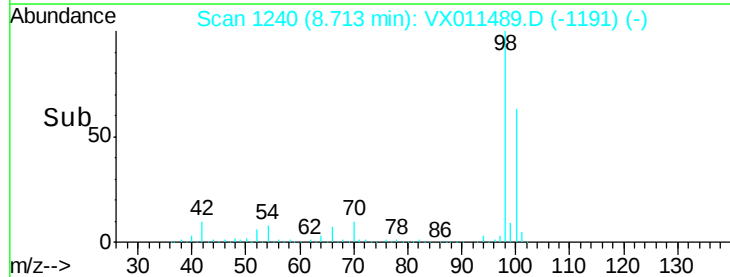
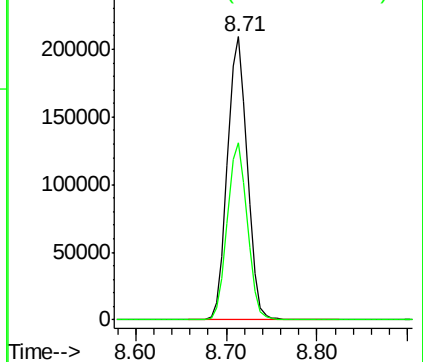
98 100

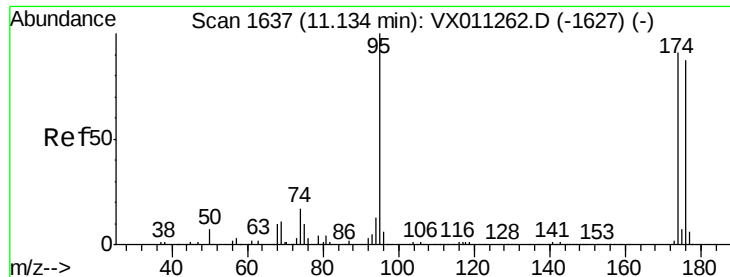
100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

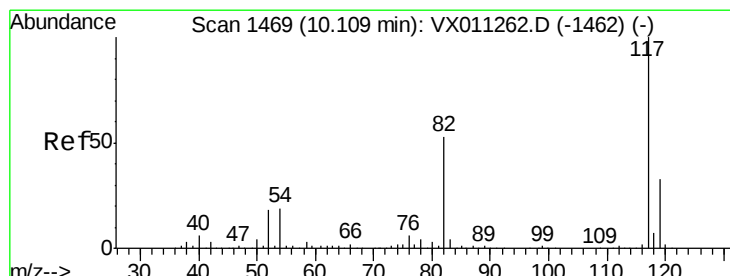
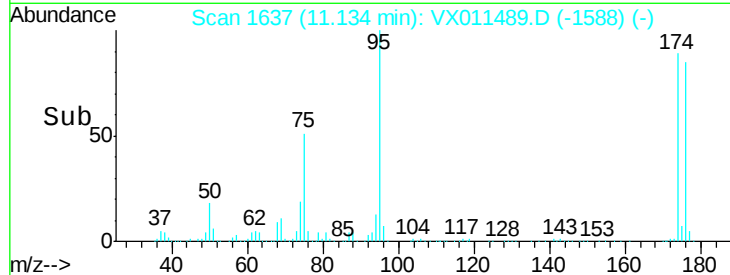
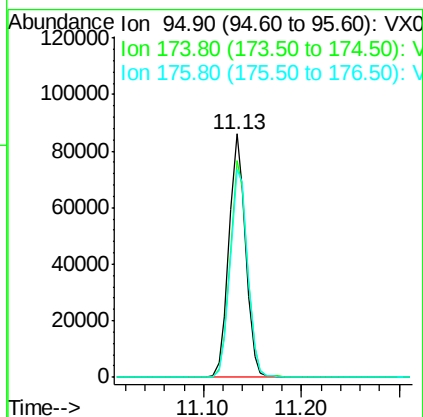
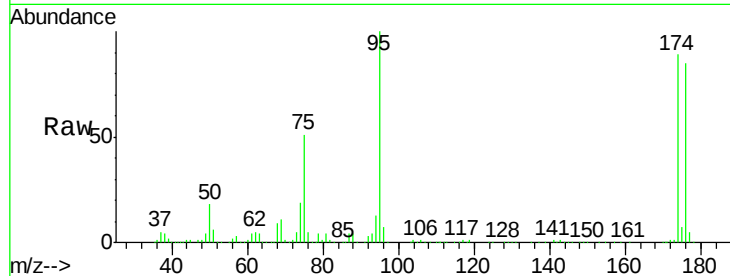




#62
4-Bromofluorobenzene
Concen: 43.093 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011489.D
Acq: 12 Aug 2019 17:26

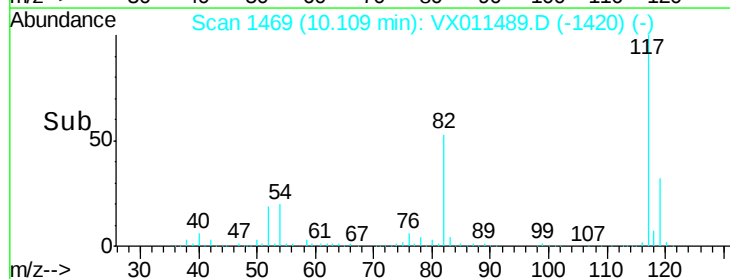
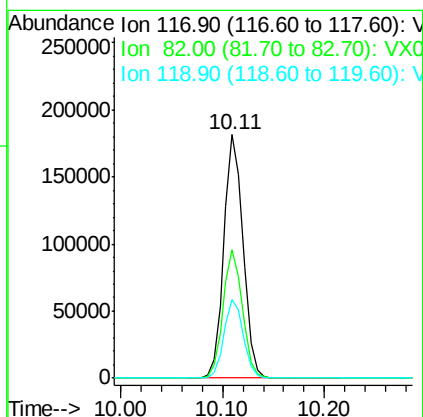
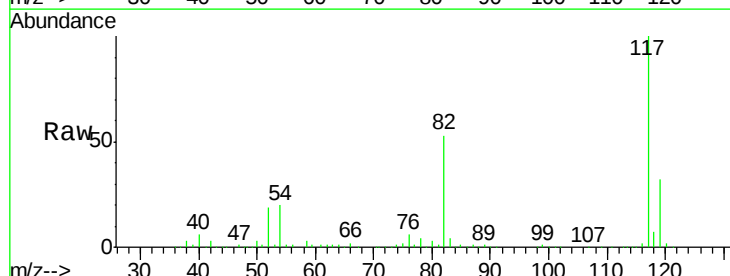
Instrument :
MSVOA_X
ClientSampleId :
Z3-0693

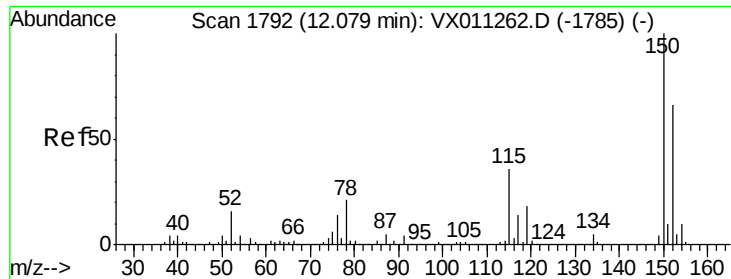
Tot Ion: 95 Resp: 102073
Ion Ratio Lower Upper
95 100
174 91.7 0.0 191.2
176 89.7 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011489.D
Acq: 12 Aug 2019 17:26

Tgt Ion: 117 Resp: 238390
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 32.3 26.6 39.8

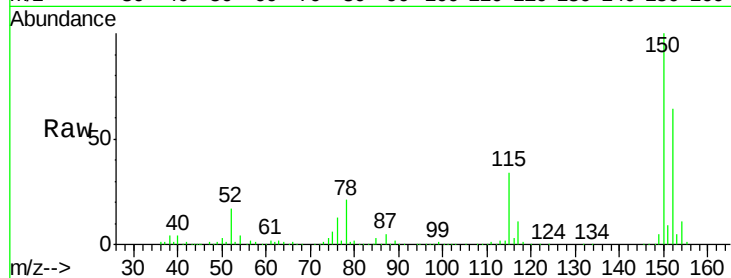




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011489.D
 Acq: 12 Aug 2019 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0693

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.0	119.9
150	156.4	0.0	350.4



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

