

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011463.D
 Acq On : 12 Aug 2019 04:41
 Operator : JC/SP
 Sample : K4277-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-19

Quant Time: Aug 12 09:20:40 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

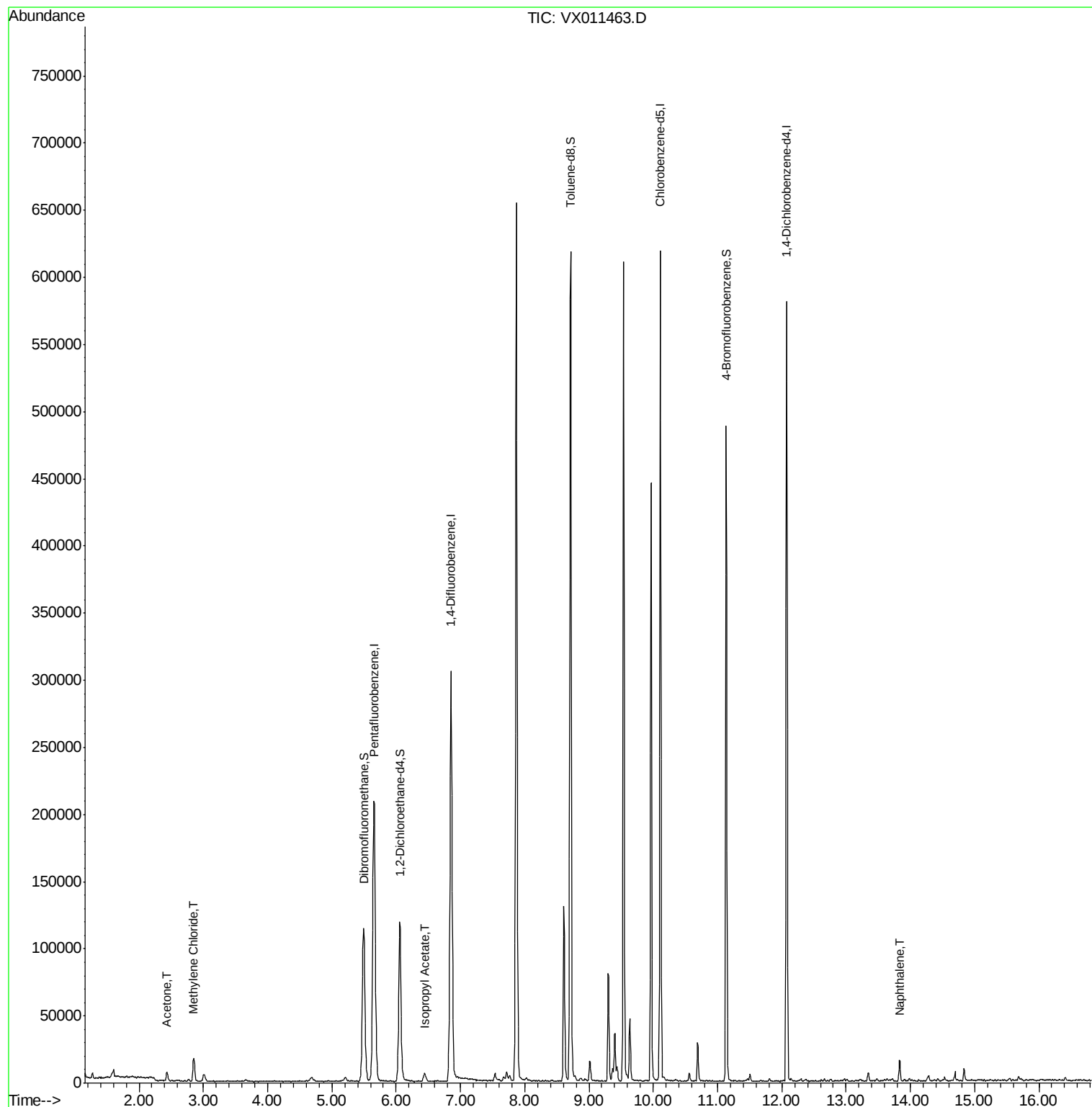
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110885	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	5.49	113	94839	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	372224	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	118830	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	7533	7.590	ug/l	92
20) Methylene Chloride	2.85	84	8315	3.826	ug/l	93
43) Isopropyl Acetate	6.44	43	8079	1.865	ug/l	97
95) Naphthalene	13.83	128	9508	1.207	ug/l #	95

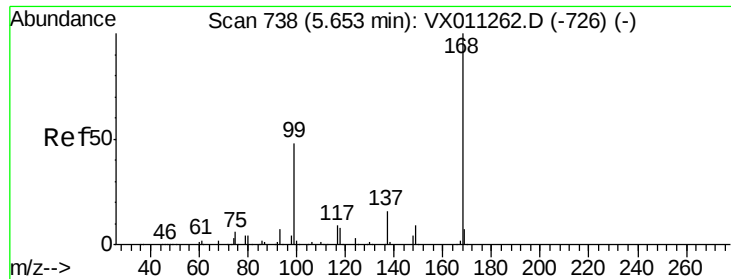
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011463.D

Acq: 12 Aug 2019 04:41

Instrument :

MSVOA_X

ClientSampled :

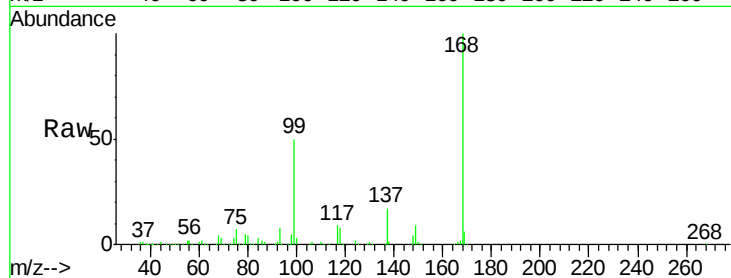
TP-19

Tot Ion:168 Resp: 207048

Ion Ratio Lower Upper

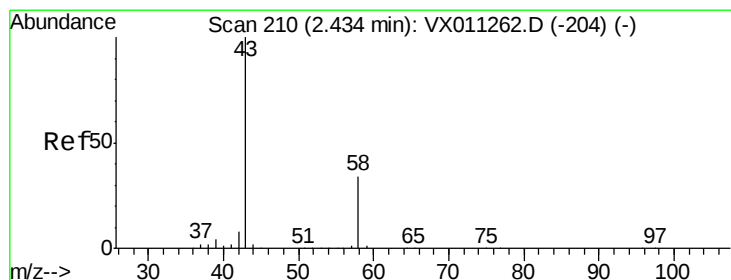
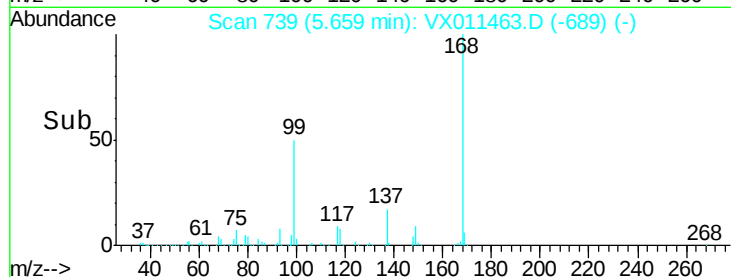
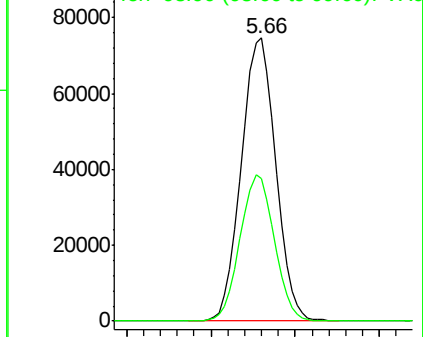
168 100

99 50.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.590 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011463.D

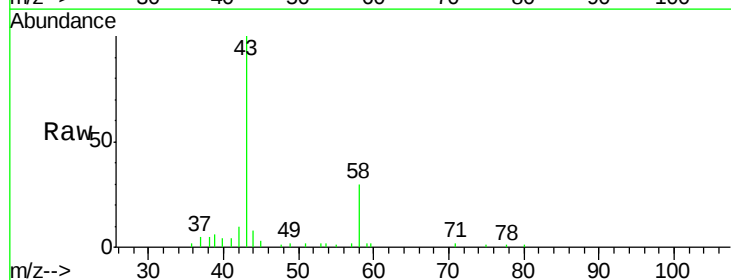
Acq: 12 Aug 2019 04:41

Tgt Ion: 43 Resp: 7533

Ion Ratio Lower Upper

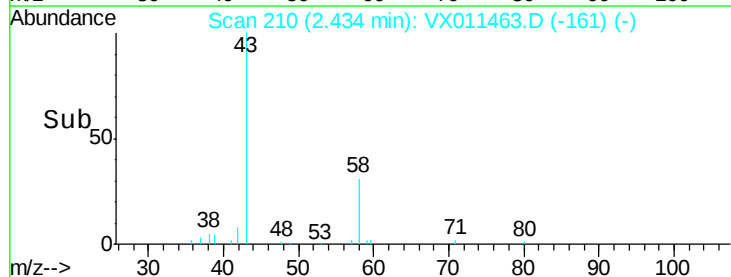
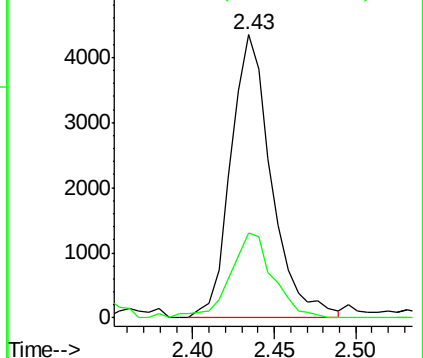
43 100

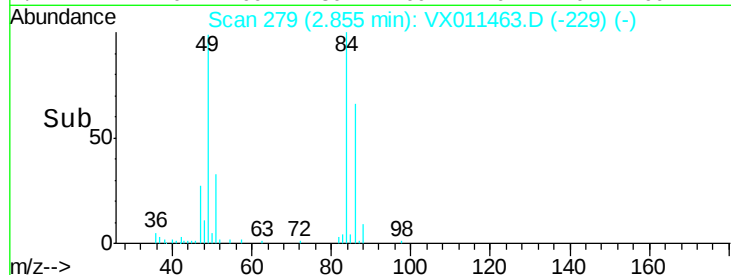
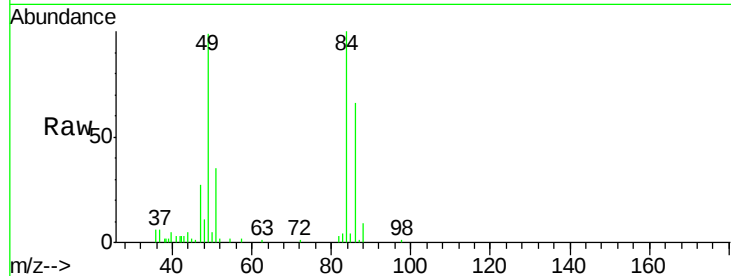
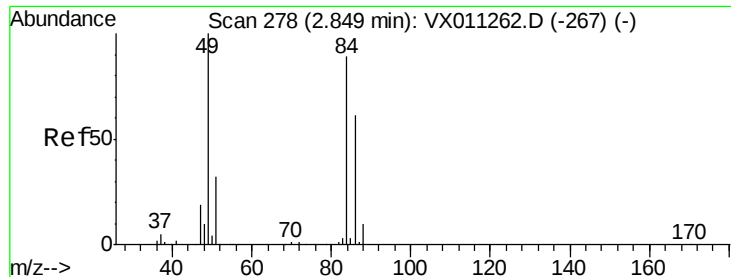
58 29.8 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

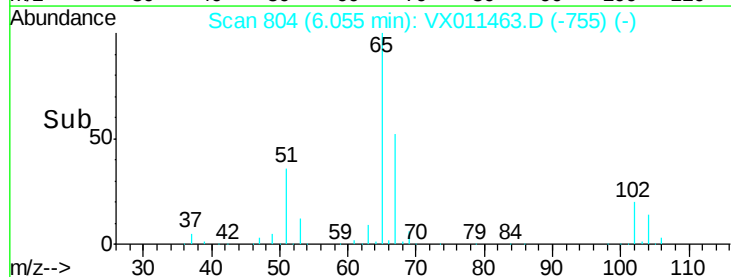
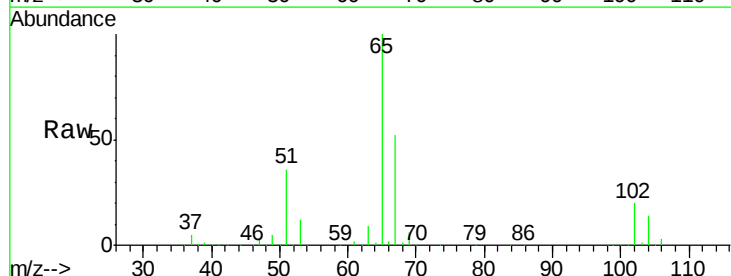
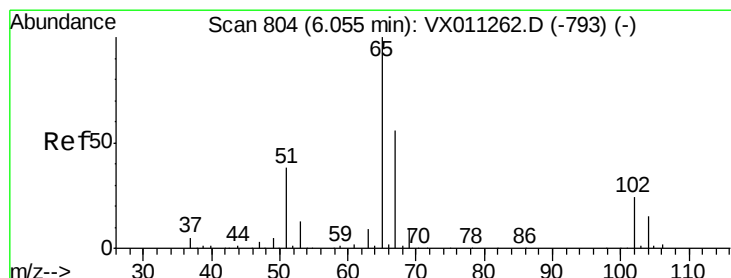
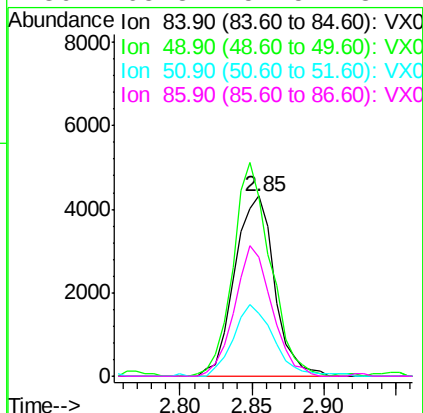




#20
Methvlene Chloride
Concen: 3.826 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

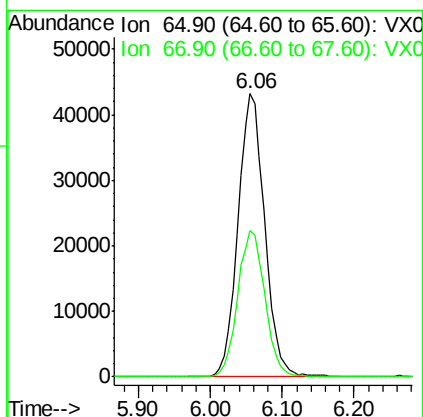
Instrument :
MSVOA_X
ClientSampleId :
TP-19

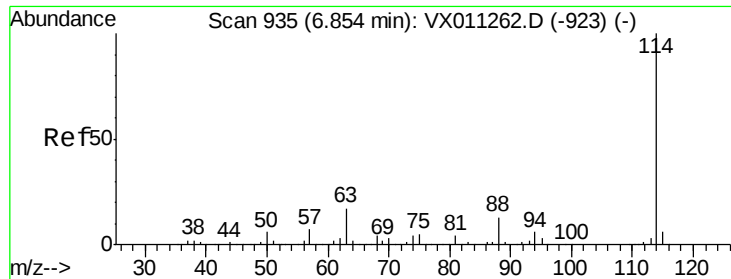
Tot Ion: 84 Resp: 8315
Ion Ratio Lower Upper
84 100
49 99.4 89.3 133.9
51 34.8 28.3 42.5
86 65.8 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.180 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

Tgt Ion: 65 Resp: 110885
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6

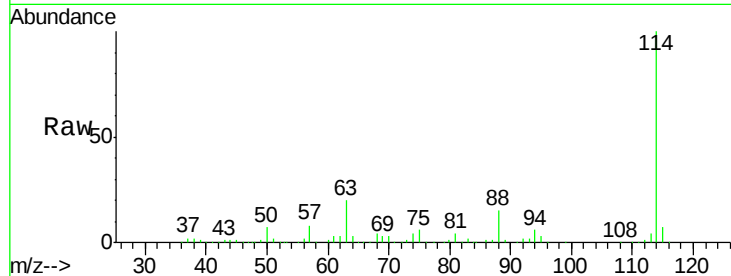




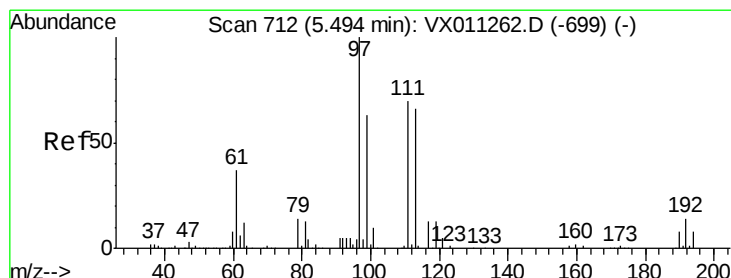
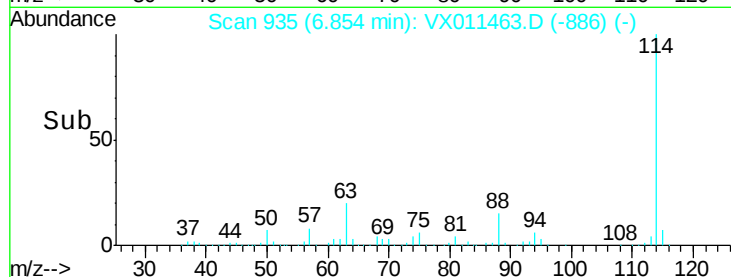
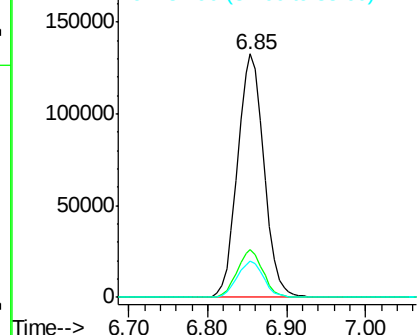
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

Instrument :
MSVOA_X
ClientSampleId :
TP-19

Tot Ion:114 Resp: 309311
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.0
88 14.7 0.0 26.4

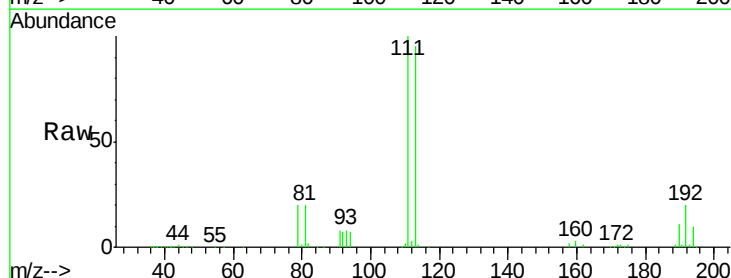


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

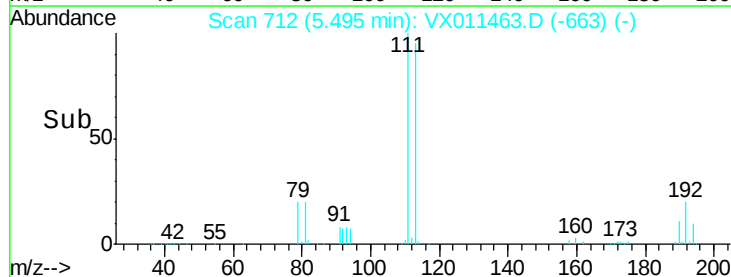
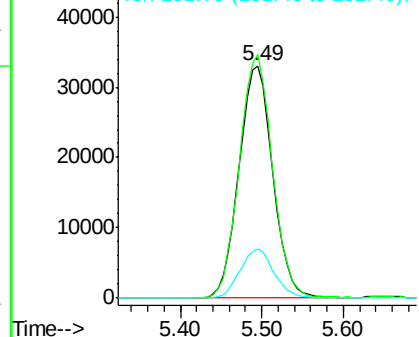


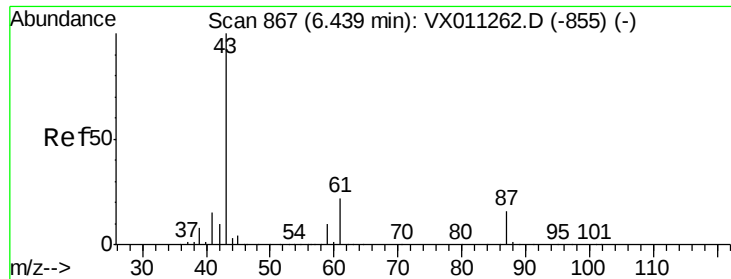
#35
Dibromofluoromethane
Concen: 46.963 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

Tgt Ion:113 Resp: 94839
Ion Ratio Lower Upper
113 100
111 103.2 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





#43

Isopropyl Acetate

Concen: 1.865 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011463.D

Acq: 12 Aug 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

TP-19

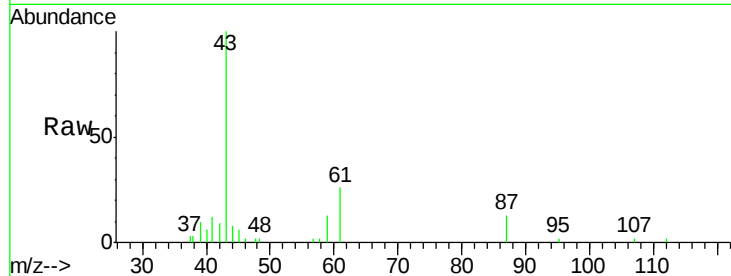
Tot Ion: 43 Resp: 8079

Ion Ratio Lower Upper

43 100

61 22.8 16.5 24.7

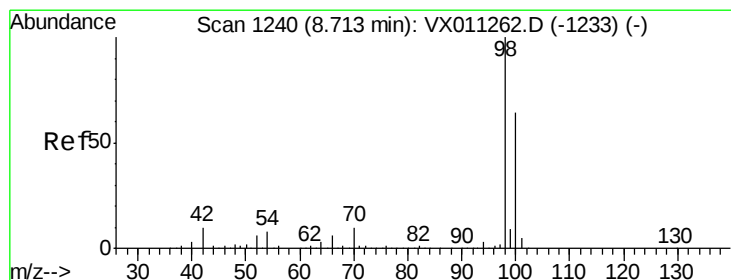
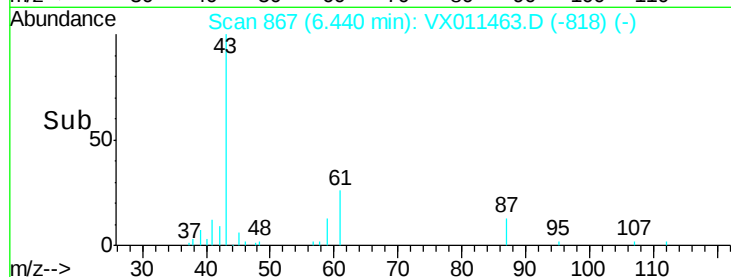
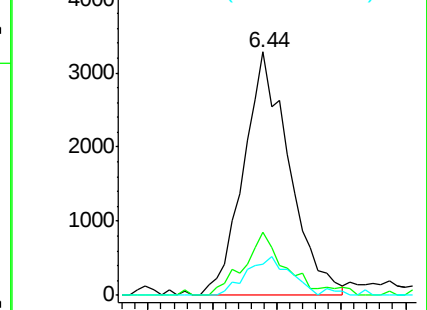
87 15.1 12.1 18.1



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: 48.831 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011463.D

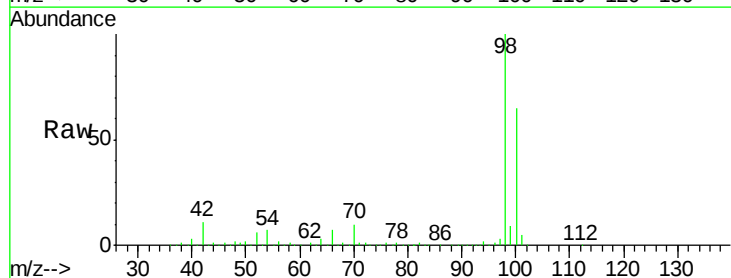
Acq: 12 Aug 2019 04:41

Tgt Ion: 98 Resp: 372224

Ion Ratio Lower Upper

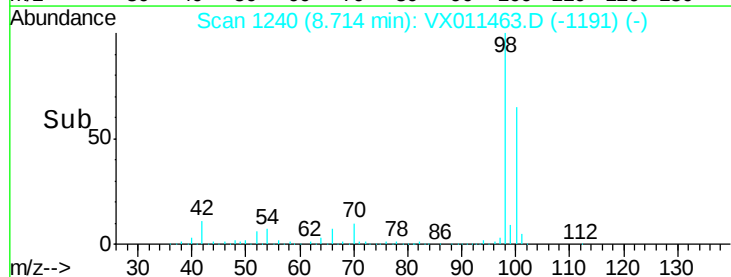
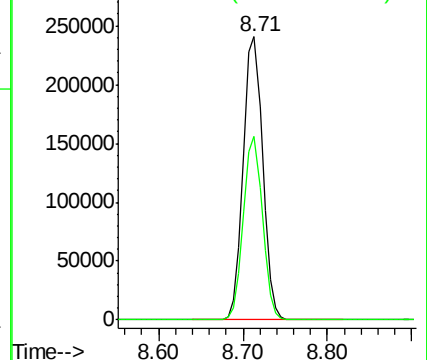
98 100

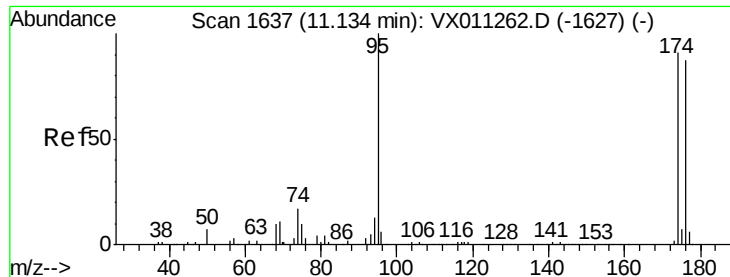
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

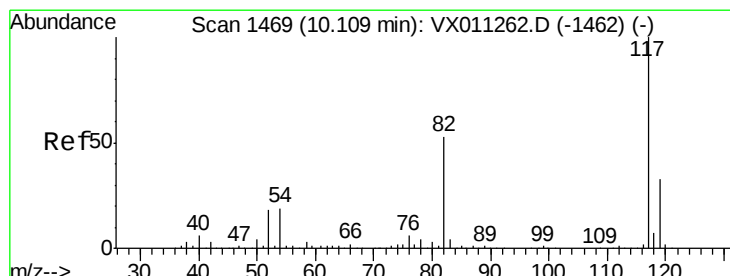
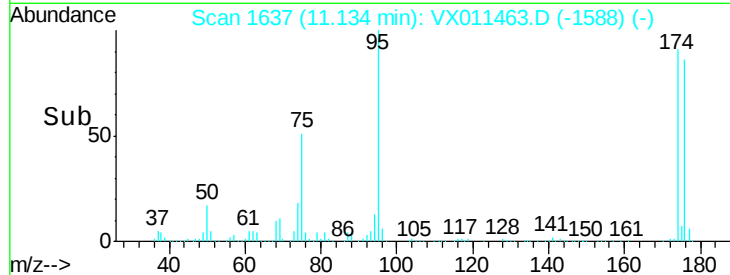
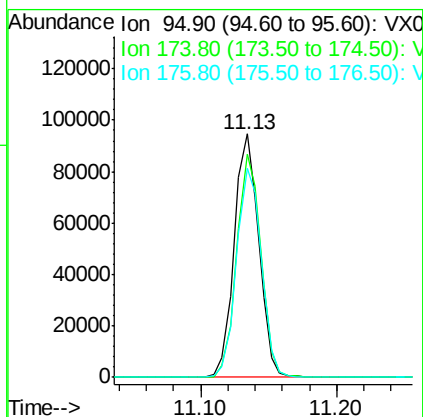
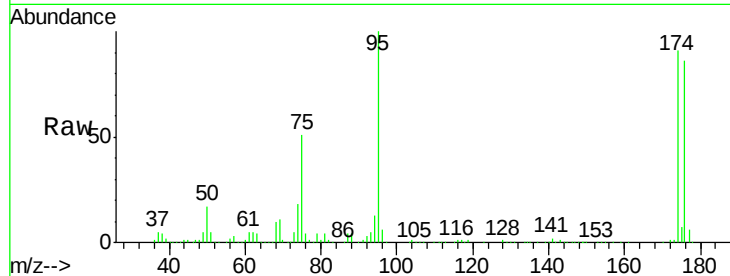




#62
4-Bromofluorobenzene
Concen: 43.663 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

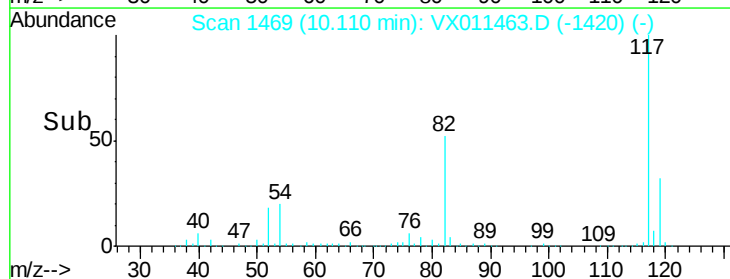
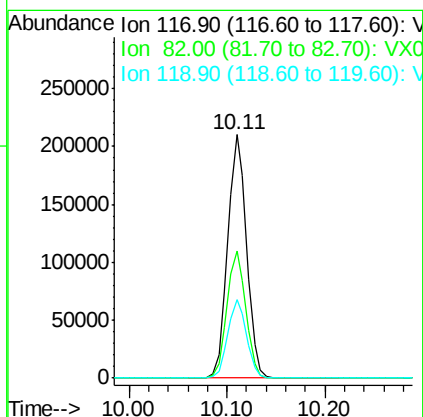
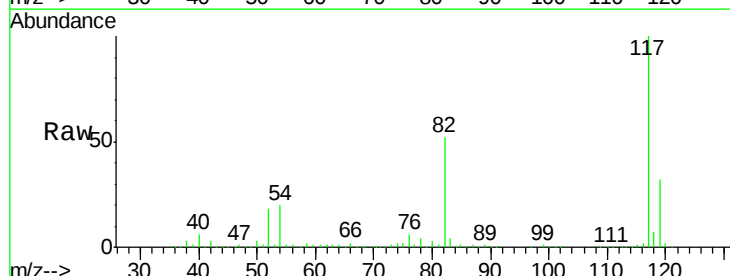
Instrument :
MSVOA_X
ClientSampleId :
TP-19

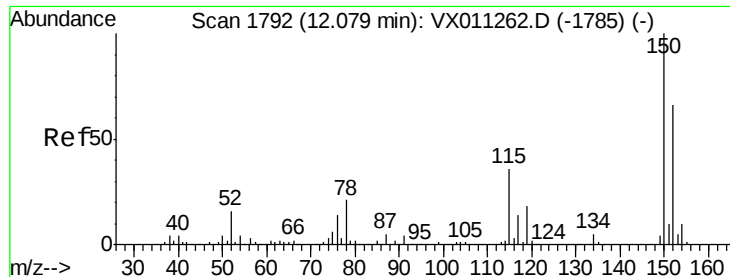
Tot Ion: 95 Resp: 118830
Ion Ratio Lower Upper
95 100
174 90.7 0.0 191.2
176 87.4 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

Tgt Ion: 117 Resp: 281574
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 32.0 26.6 39.8



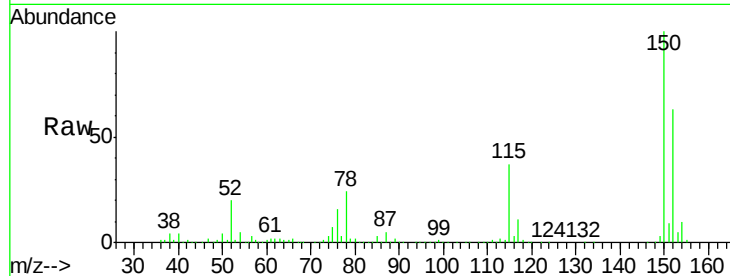


#72

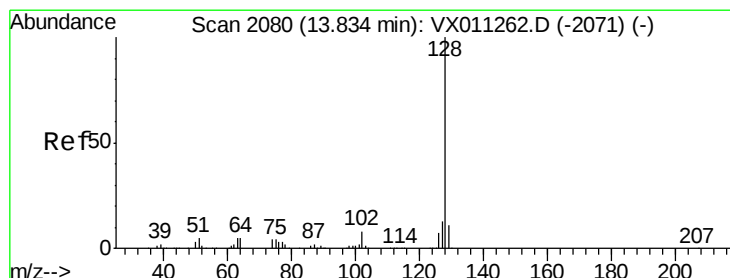
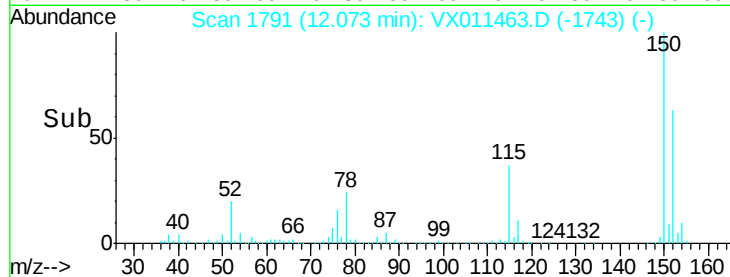
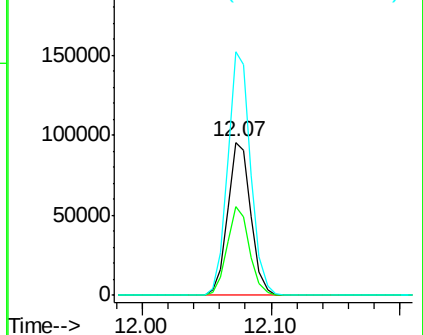
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

Instrument :
MSVOA_X
ClientSampleId :
TP-19

Tot Ion:152 Resp: 120660
Ion Ratio Lower Upper
152 100
115 56.4 40.0 119.9
150 157.7 0.0 350.4



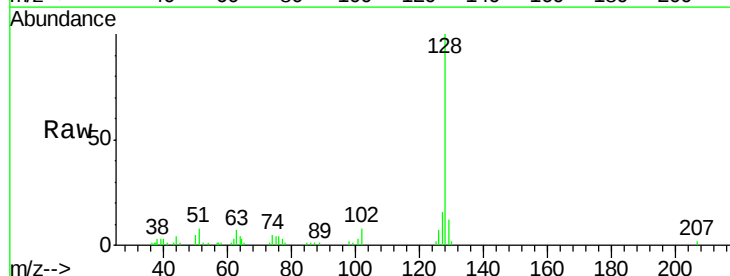
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.207 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011463.D
Acq: 12 Aug 2019 04:41

Tgt Ion:128 Resp: 9508
Ion Ratio Lower Upper
128 100
127 14.8 10.4 15.6
129 13.4 8.9 13.3#



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

