

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012044.D
 Acq On : 04 Sep 2019 11:36
 Operator : SY/SP
 Sample : K4089-06
 Misc : 6.32g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-02-082919

Quant Time: Sep 04 13:26:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

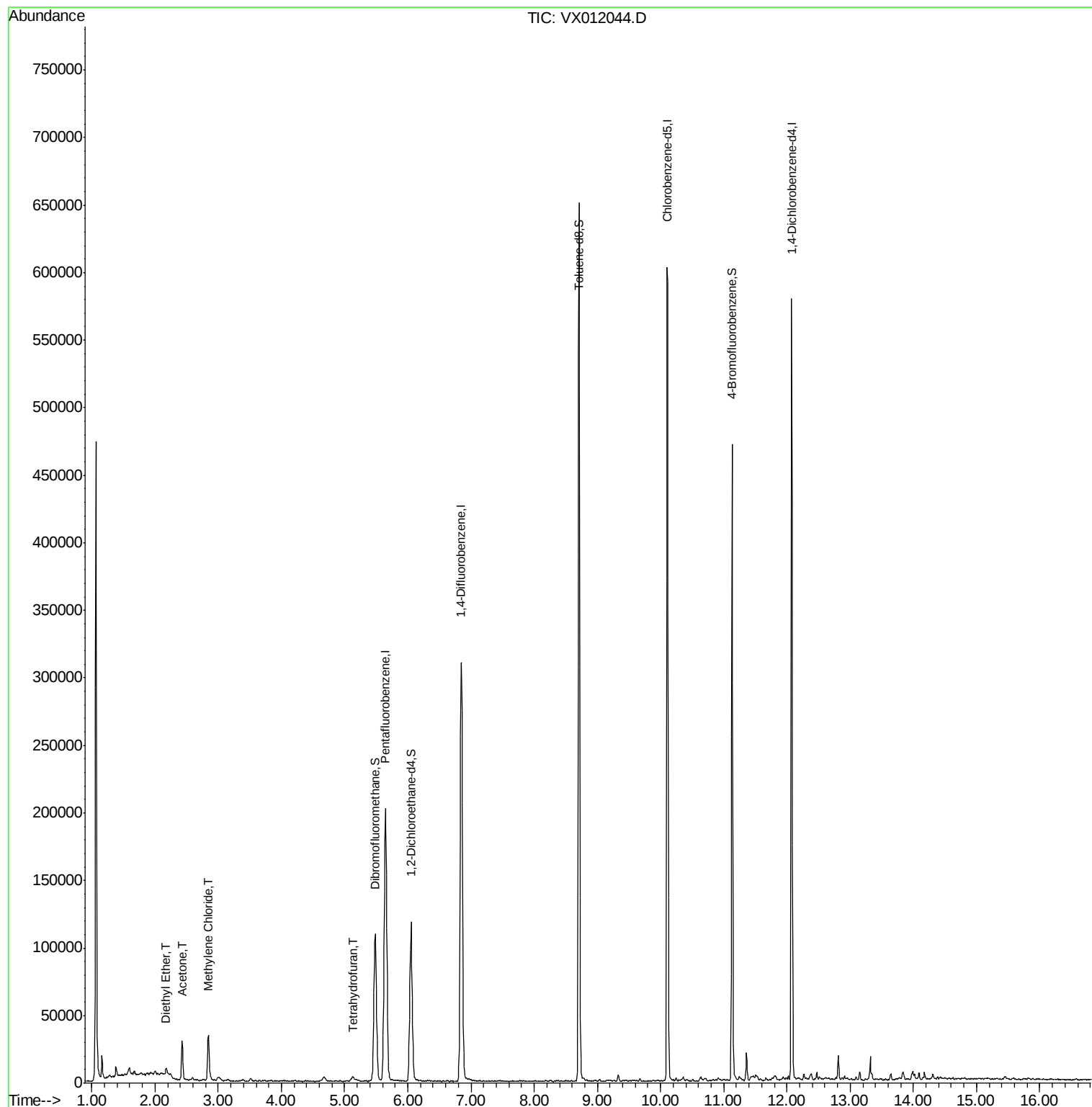
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117617	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	5.48	113	92573	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	361028	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	139794	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
8) Diethyl Ether	2.17	74	1624	1.951	ug/l	79
16) Acetone	2.43	43	30790	53.493	ug/l	99
20) Methylene Chloride	2.84	84	16320	7.061	ug/l	93
29) Tetrahydrofuran	5.12	42	2947	6.676	ug/l #	87

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 04 Sep 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

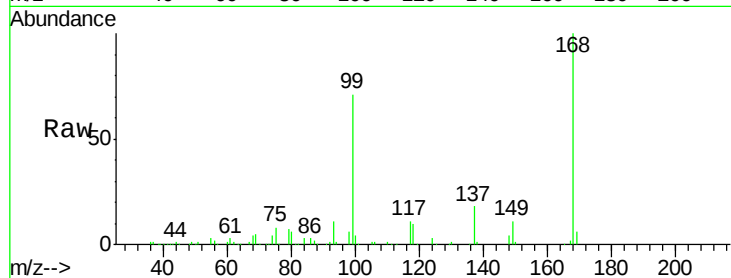
OK-02-082919

Tot Ion:168 Resp: 174525

Ion Ratio Lower Upper

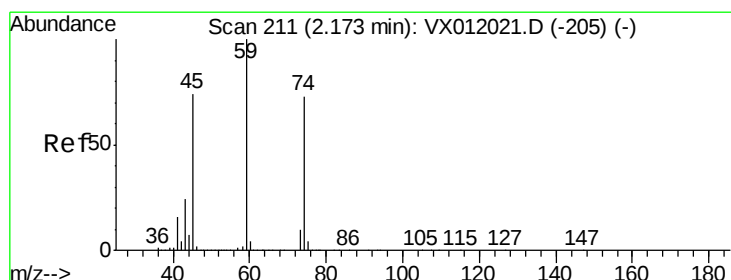
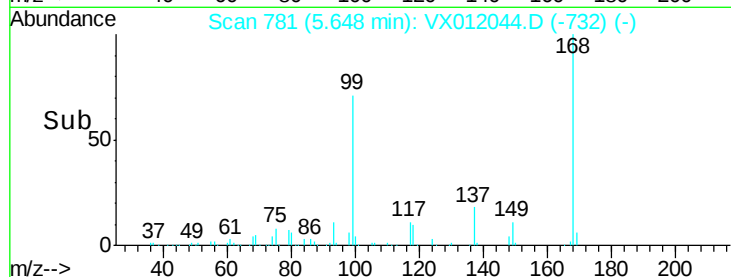
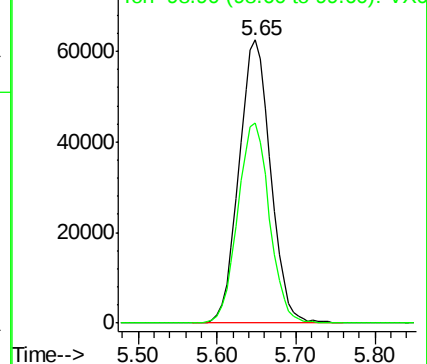
168 100

99 70.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.951 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012044.D

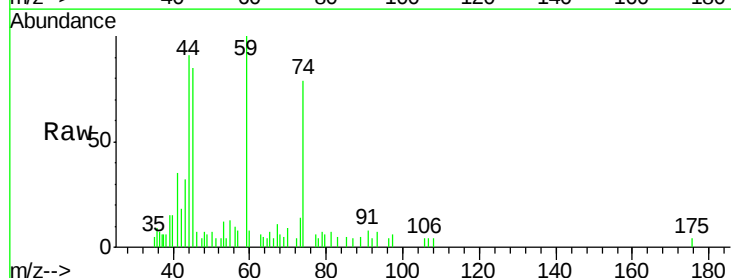
Acq: 04 Sep 2019 11:36

Tgt Ion: 74 Resp: 1624

Ion Ratio Lower Upper

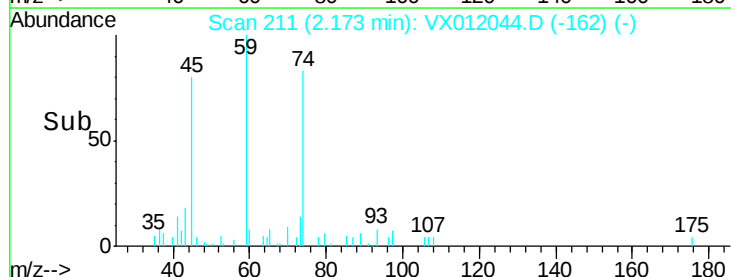
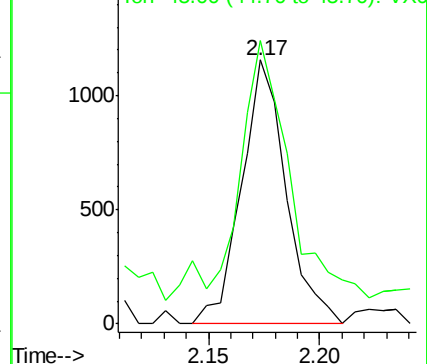
74 100

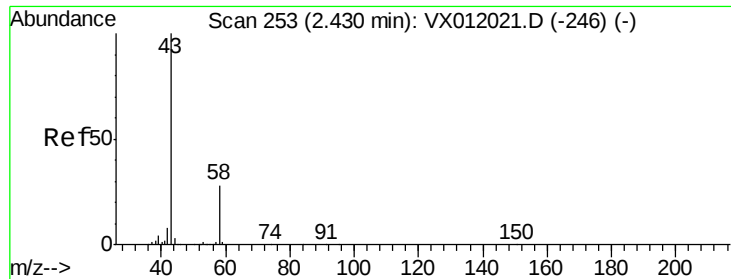
45 111.8 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 53.493 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012044.D

Acq: 04 Sep 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

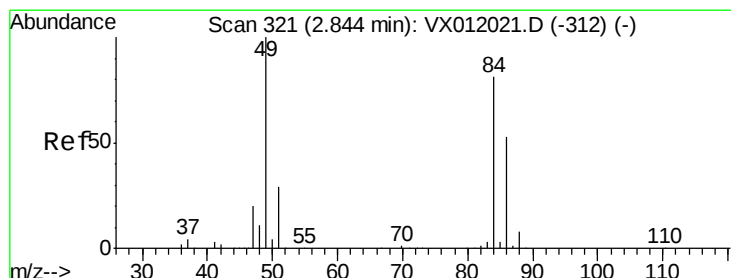
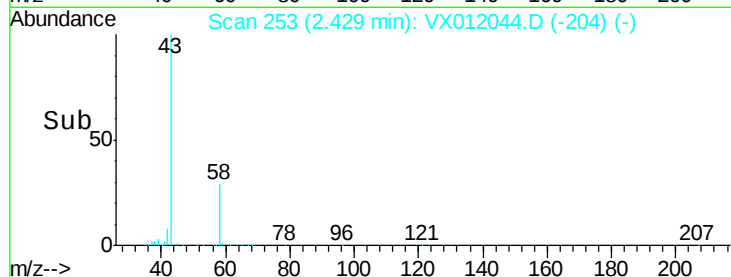
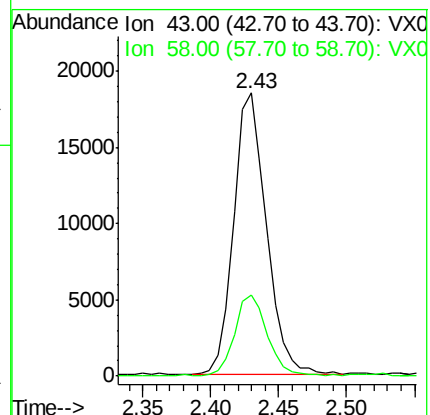
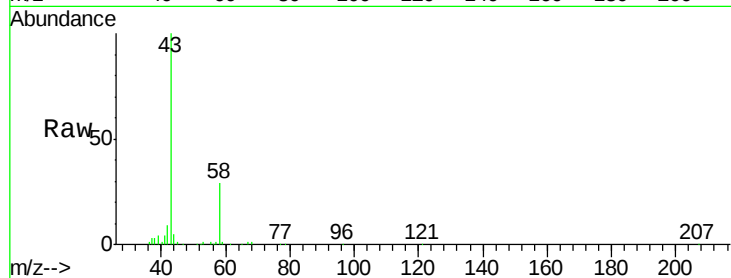
OK-02-082919

Tot Ion: 43 Resp: 30790

Ion Ratio Lower Upper

43 100

58 28.9 22.8 34.2



#20

Methylene Chloride

Concen: 7.061 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012044.D

Acq: 04 Sep 2019 11:36

Tgt Ion: 84 Resp: 16320

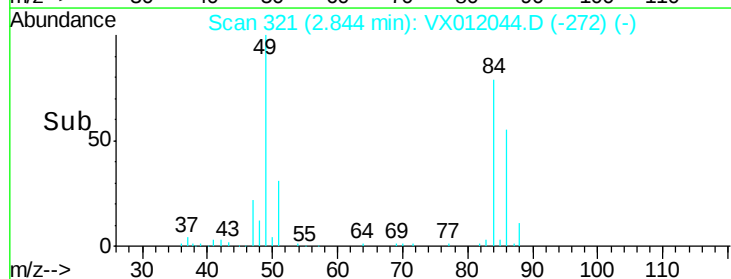
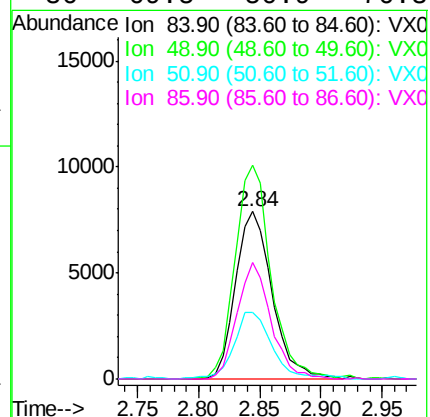
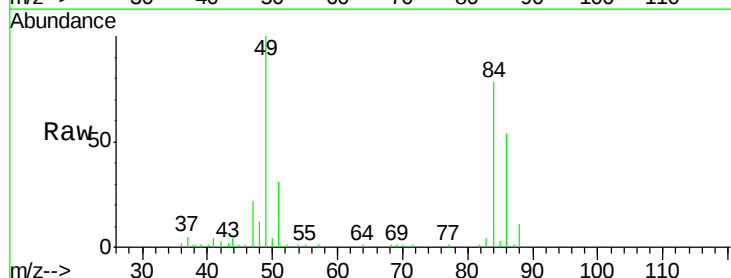
Ion Ratio Lower Upper

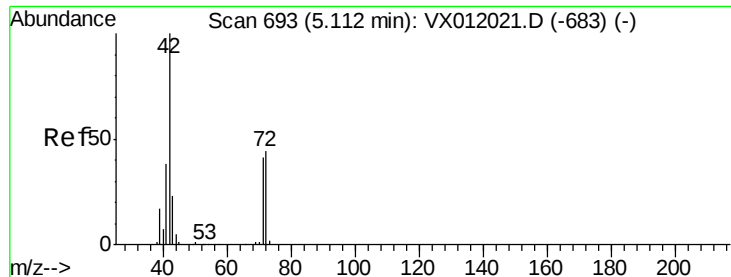
84 100

49 127.0 95.8 143.8

51 38.9 28.6 43.0

86 69.5 50.9 76.3

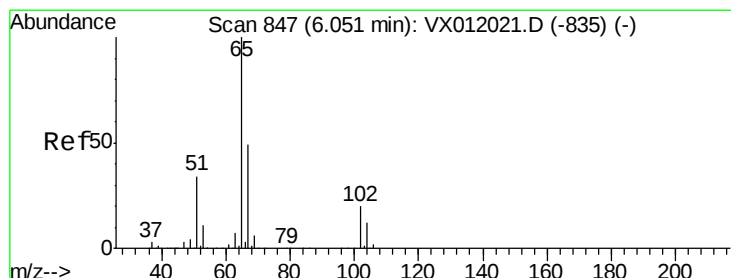
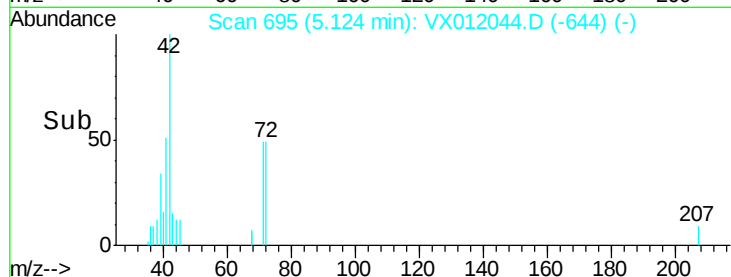
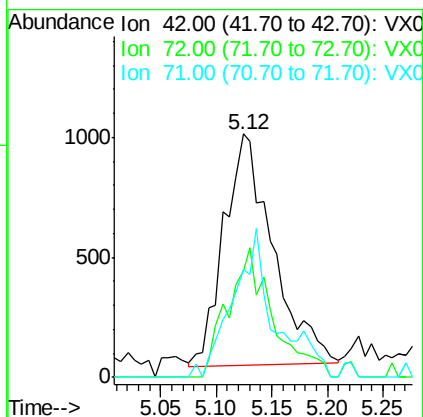
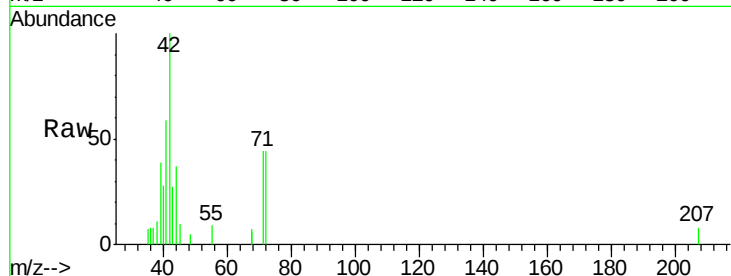




#29
Tetrahydrofuran
Concen: 6.676 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

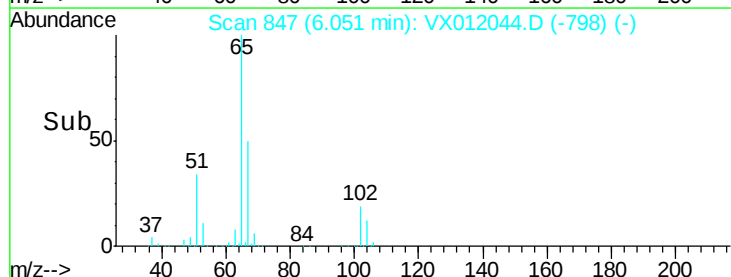
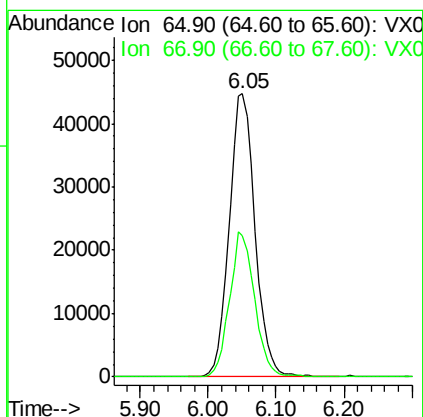
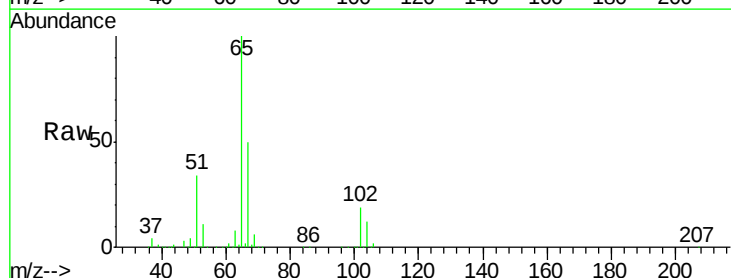
Instrument :
MSVOA_X
ClientSampled :
OK-02-082919

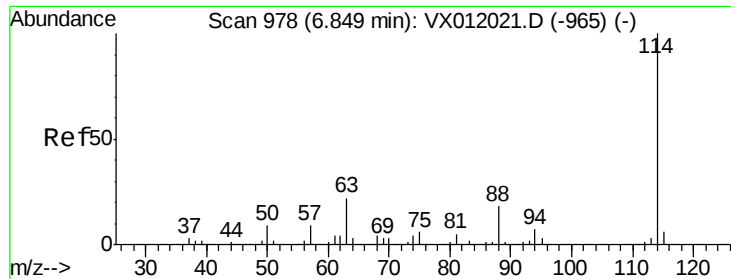
Tot Ion: 42 Resp: 2947
Ion Ratio Lower Upper
42 100
72 51.4 37.0 55.4
71 54.6 33.8 50.8#



#33
1,2-Dichloroethane-d4
Concen: 48.842 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

Tgt Ion: 65 Resp: 117617
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.0

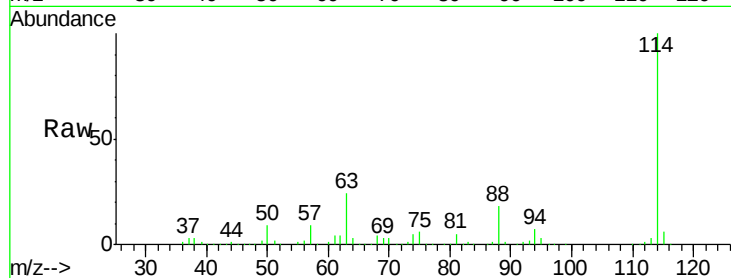




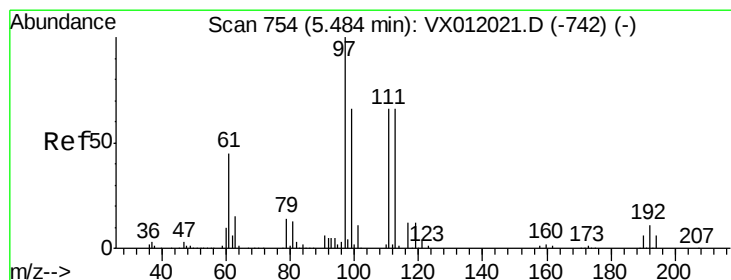
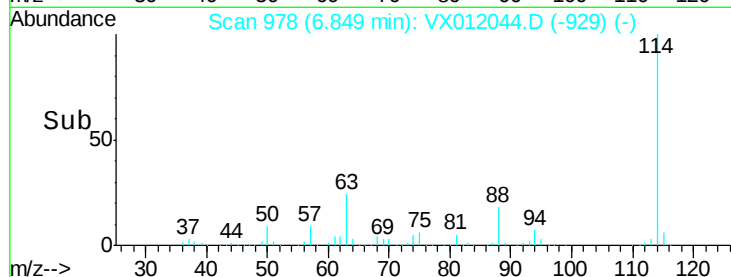
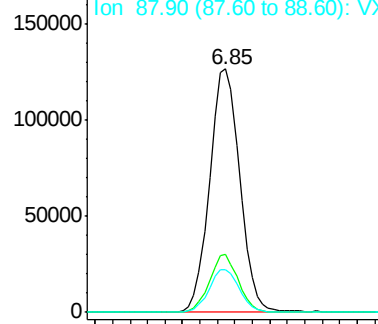
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
OK-02-082919

Tot Ion:114 Resp: 304559
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.4
88 17.5 0.0 29.6

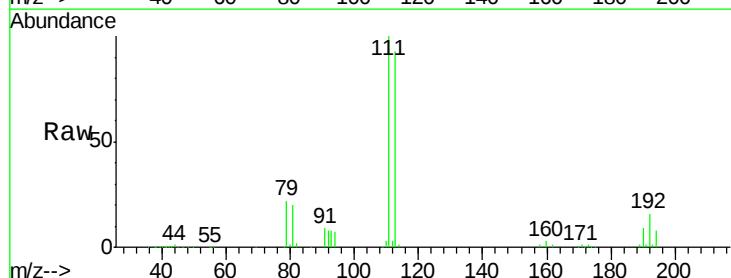


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

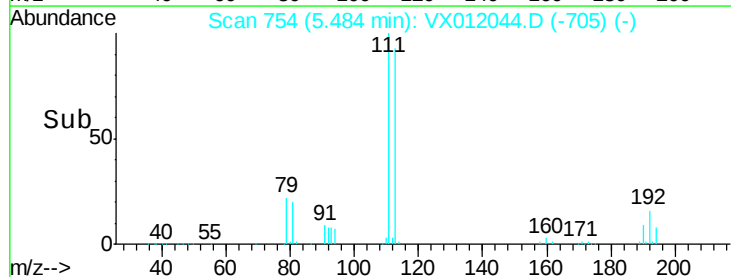
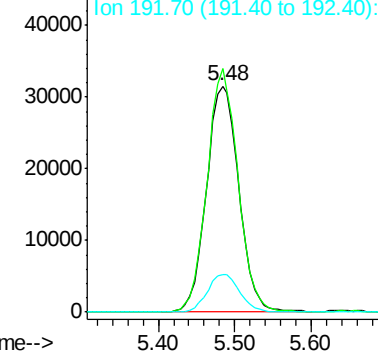


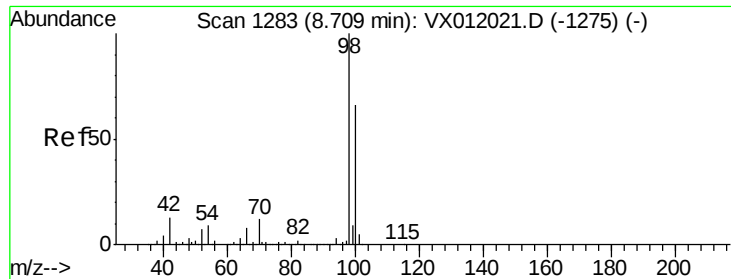
#35
Dibromofluoromethane
Concen: 49.426 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

Tgt Ion:113 Resp: 92573
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 16.6 22.5 33.7#



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

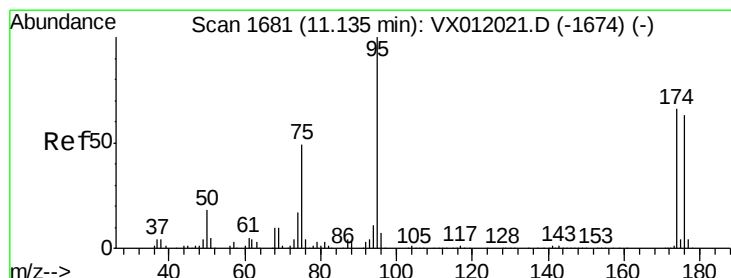
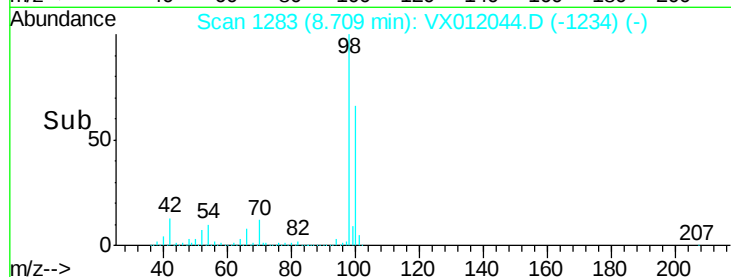
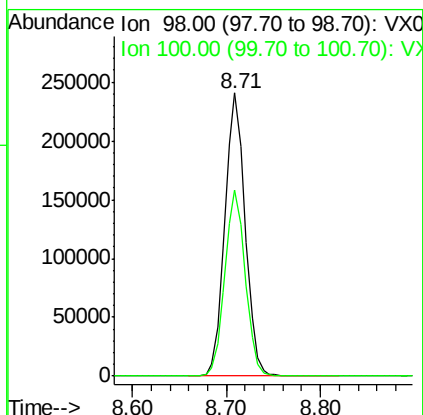
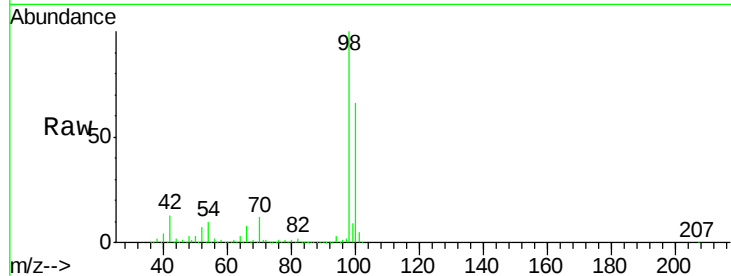




#50
Toluene-d8
Concen: 52.529 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

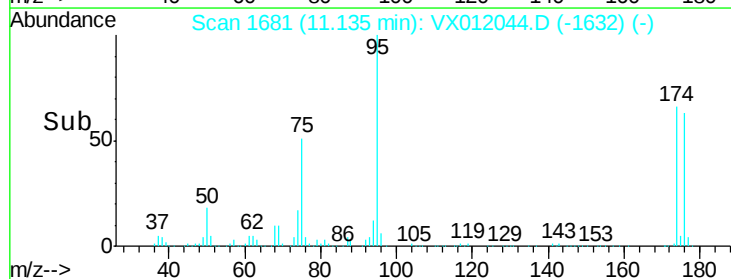
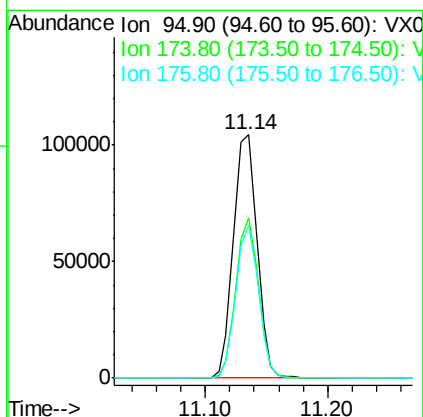
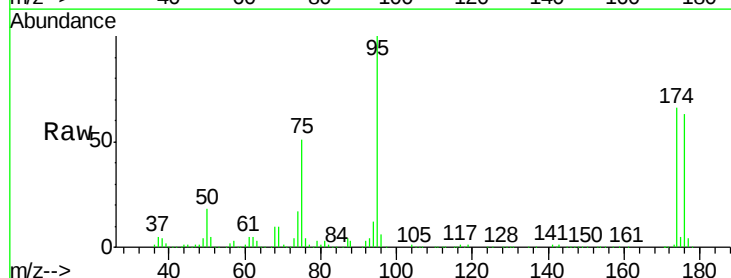
Instrument :
MSVOA_X
ClientSampleId :
OK-02-082919

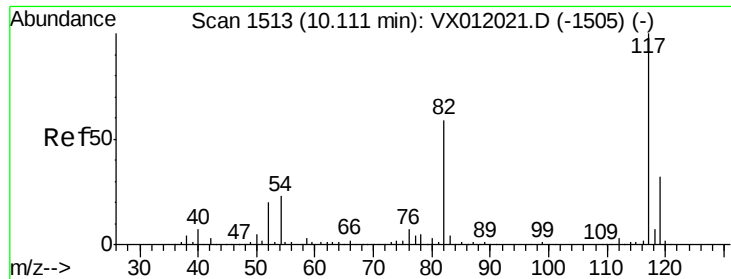
Tot Ion: 98 Resp: 361028
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.736 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

Tgt Ion: 95 Resp: 139794
Ion Ratio Lower Upper
95 100
174 63.3 0.0 205.4
176 60.3 0.0 201.8

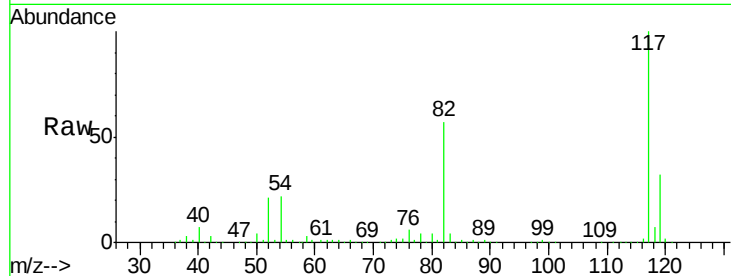




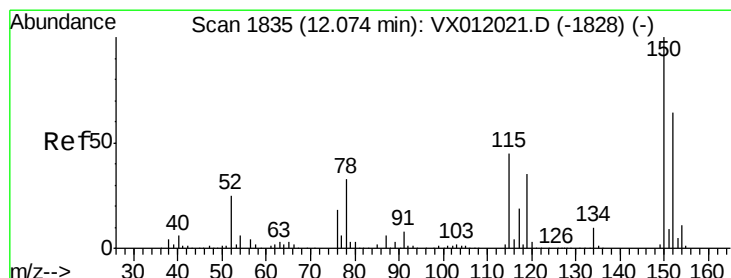
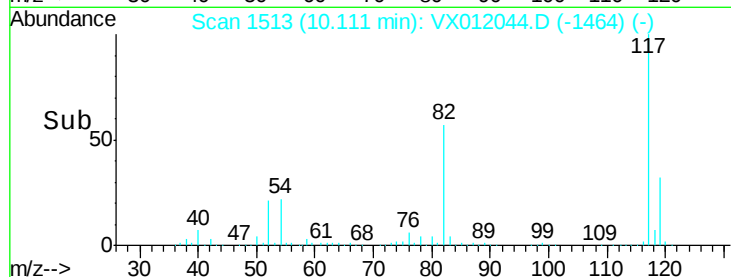
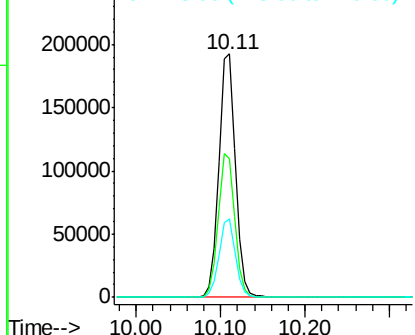
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
OK-02-082919

Tot Ion:117 Resp: 264257
Ion Ratio Lower Upper
117 100
82 56.9 39.4 59.0
119 32.0 26.1 39.1

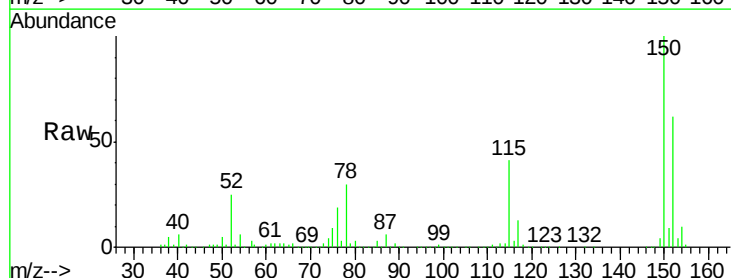


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012044.D
Acq: 04 Sep 2019 11:36

Tgt Ion:152 Resp: 106777
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 155.9 0.0 341.2



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

