

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012579.D
 Acq On : 21 Sep 2019 00:32
 Operator : JC/SP
 Sample : K4956-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0554

Quant Time: Sep 21 03:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

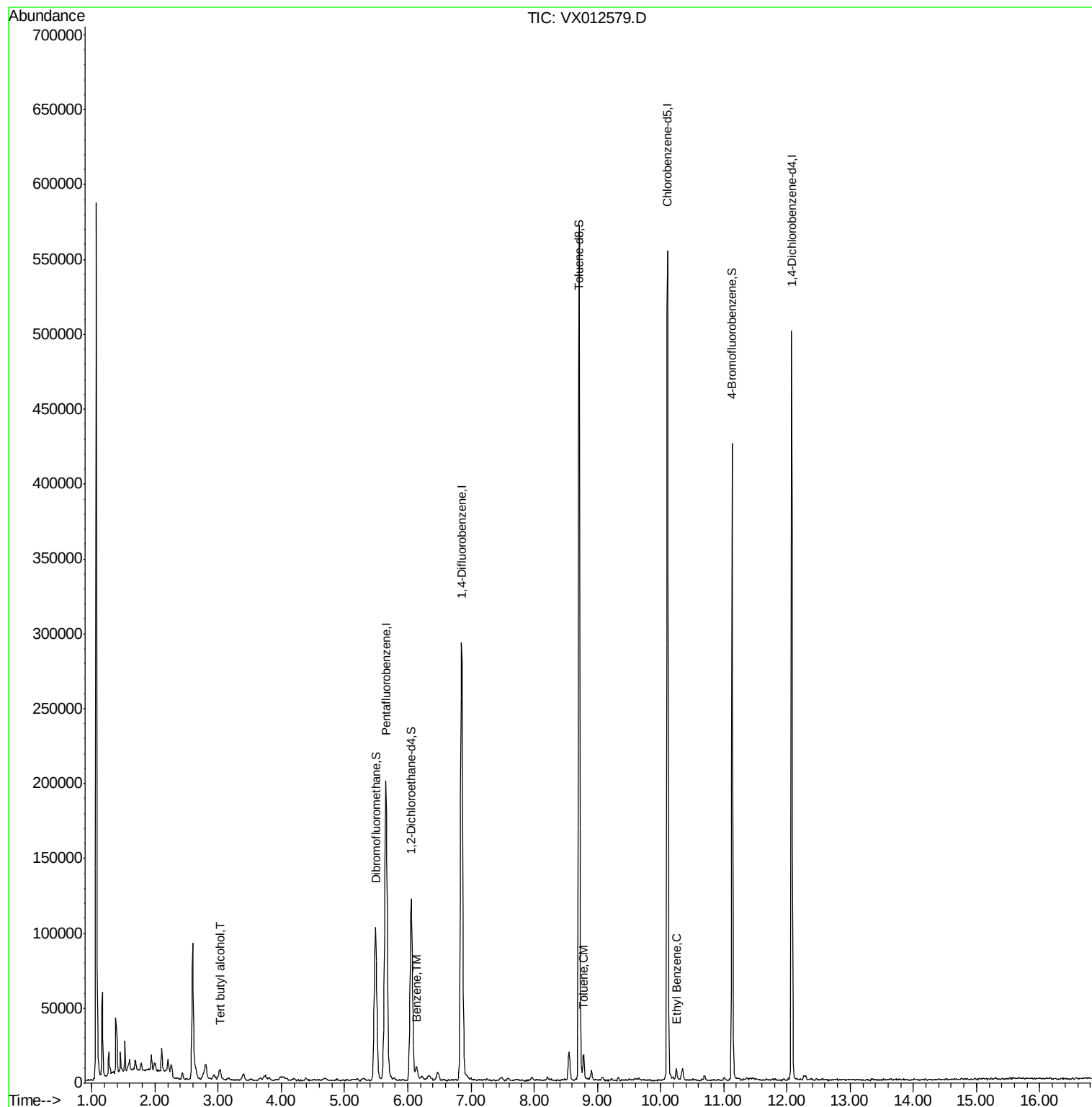
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119893	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	5.49	113	86588	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	8.71	98	329260	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	114564	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	7999	6.541	ug/l #	90
40) Benzene	6.14	78	9314	1.685	ug/l	92
52) Toluene	8.78	92	5710	1.603	ug/l	96
67) Ethyl Benzene	10.25	91	4056	0.593	ug/l	93

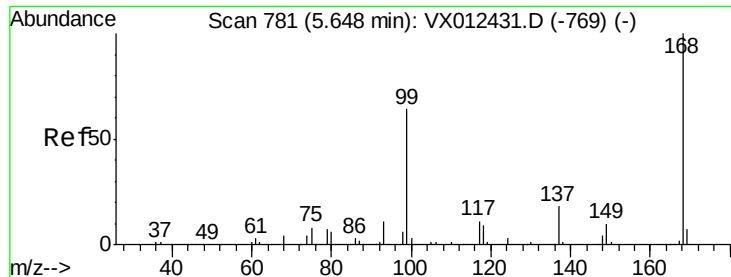
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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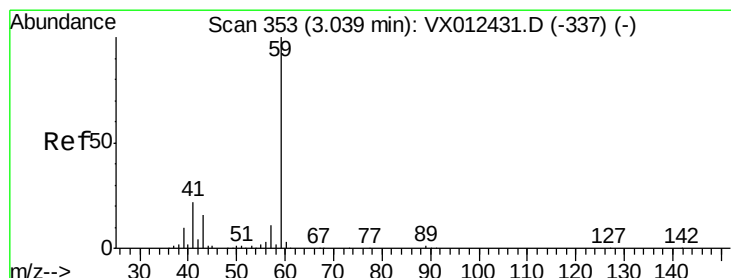
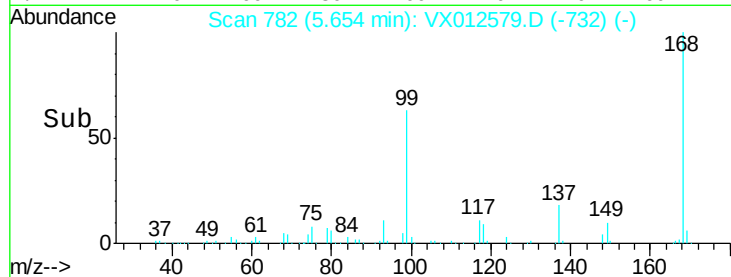
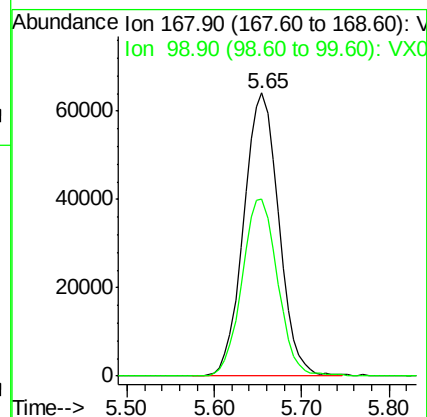
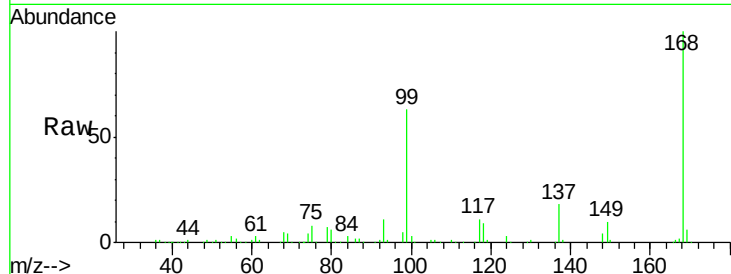




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

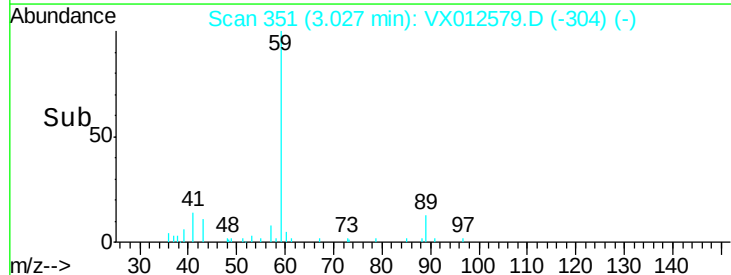
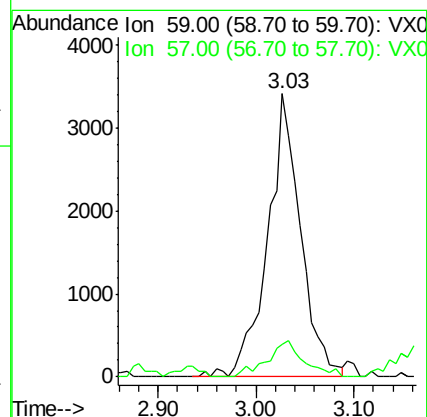
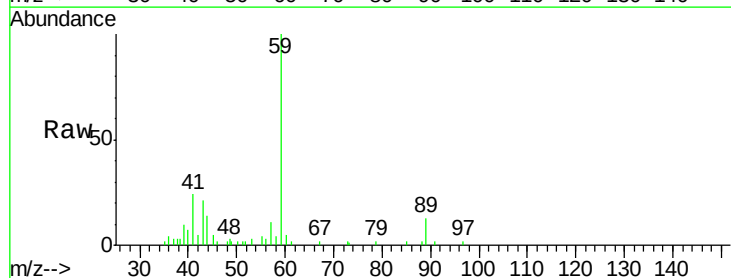
Instrument :
MSVOA_X
ClientSampleId :
S49-0554

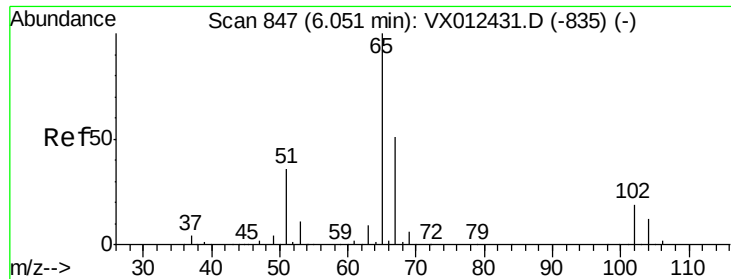
Tot Ion:168 Resp: 179518
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.2



#11
Tert butyl alcohol
Concen: 6.541 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 59 Resp: 7999
Ion Ratio Lower Upper
59 100
57 14.2 8.3 12.5#

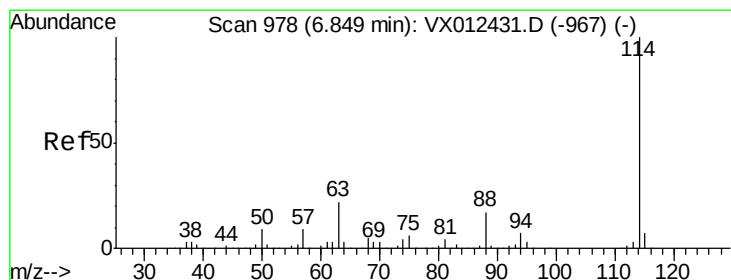
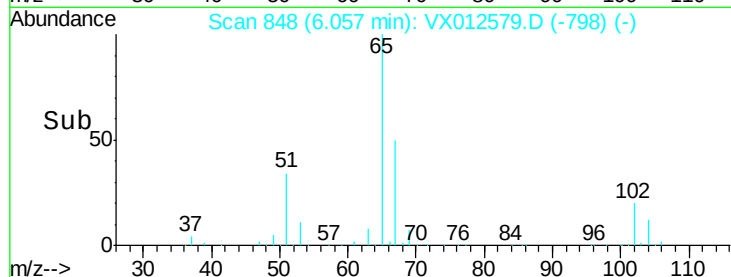
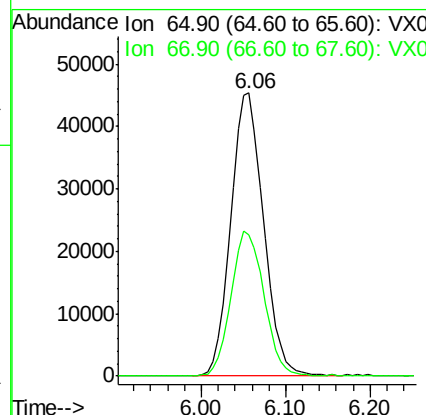
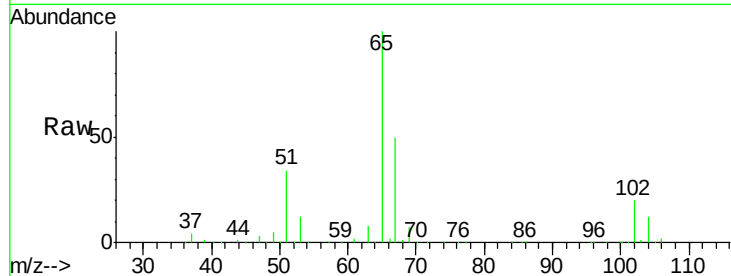




#33
 1,2-Dichloroethane-d4
 Concen: 46.599 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012579.D
 Acq: 21 Sep 2019 00:32

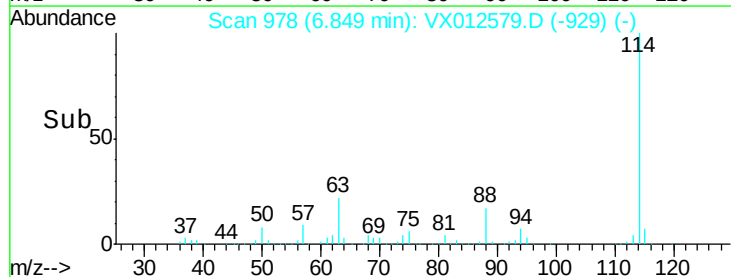
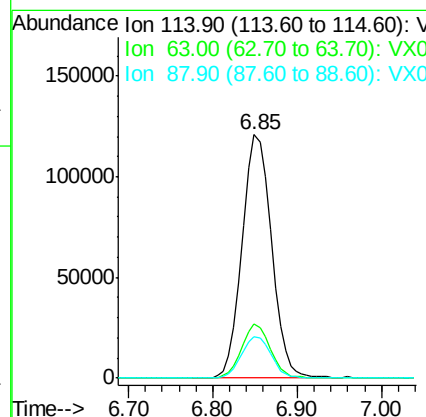
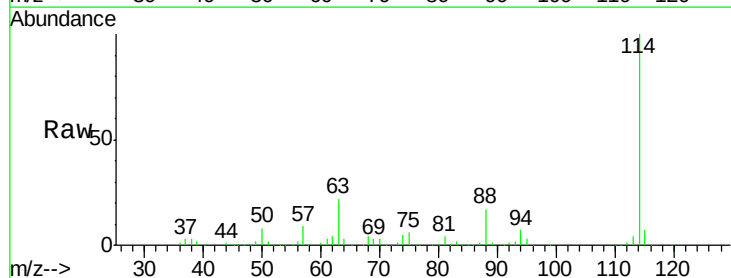
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0554

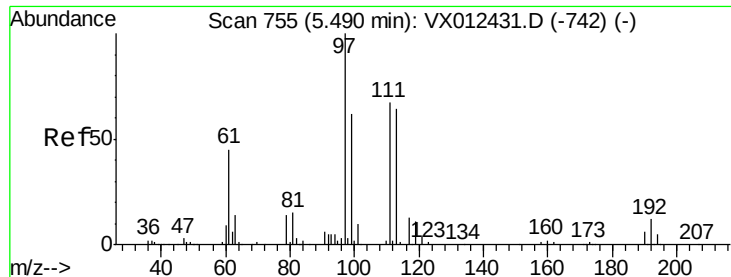
Tot Ion: 65 Resp: 119893
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012579.D
 Acq: 21 Sep 2019 00:32

Tgt Ion: 114 Resp: 286066
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.009 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012579.D

Acq: 21 Sep 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

S49-0554

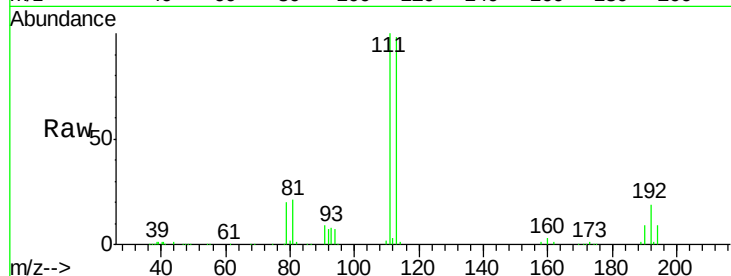
Tot Ion:113 Resp: 86588

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

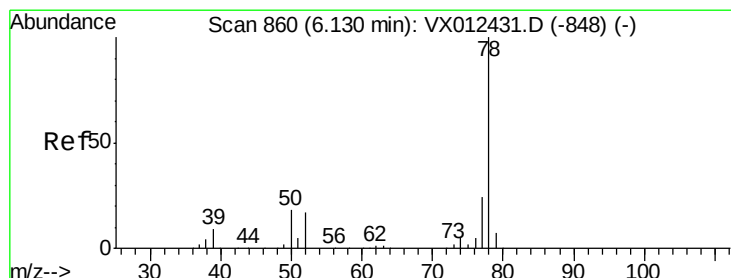
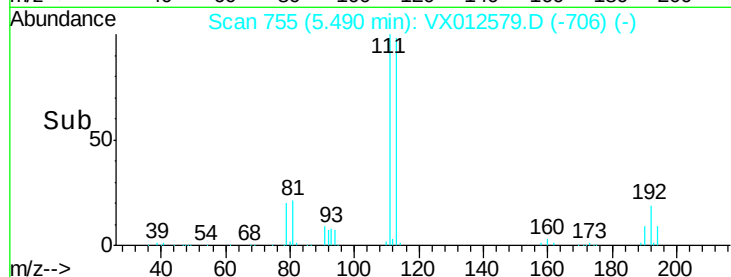
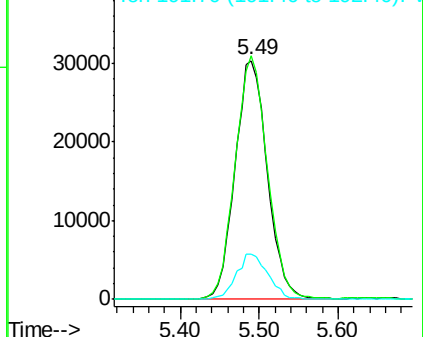
192 18.7 14.4 21.6



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



#40

Benzene

Concen: 1.685 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012579.D

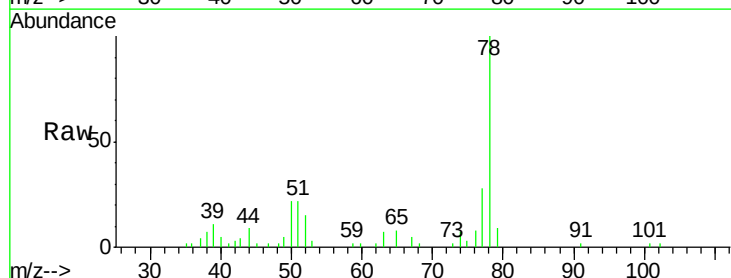
Acq: 21 Sep 2019 00:32

Tgt Ion: 78 Resp: 9314

Ion Ratio Lower Upper

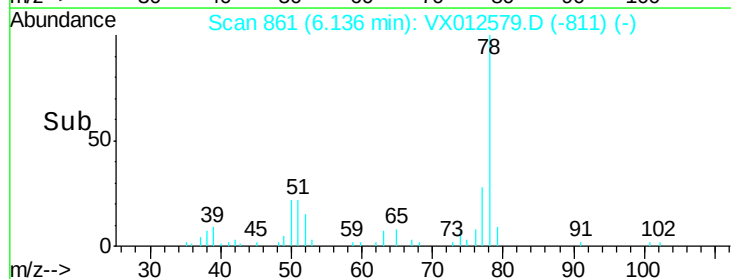
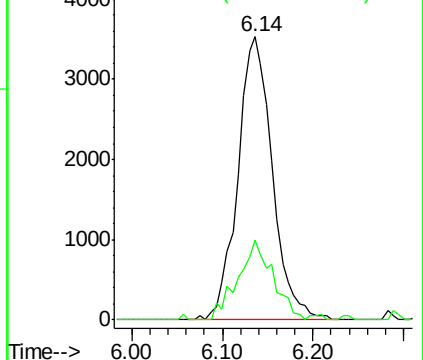
78 100

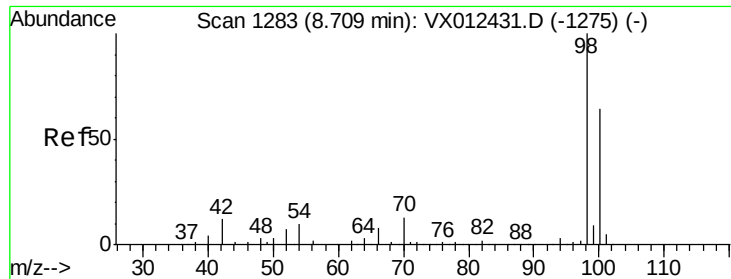
77 28.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

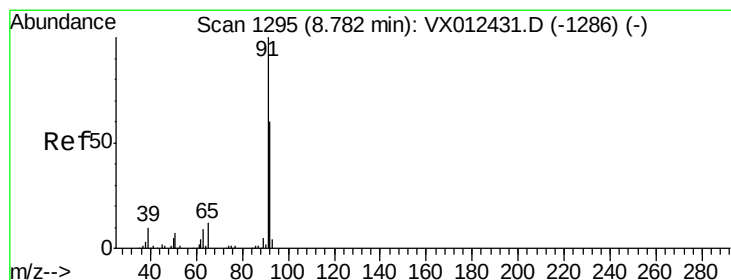
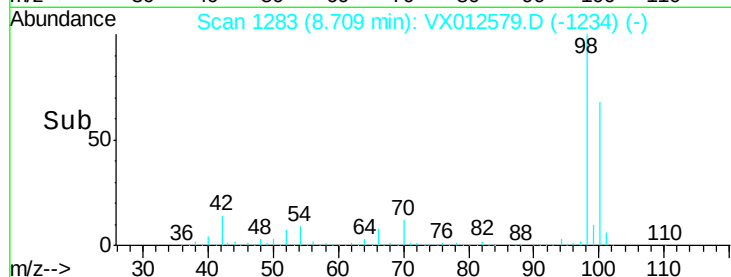
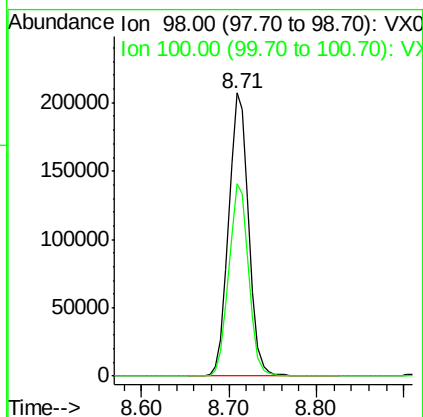
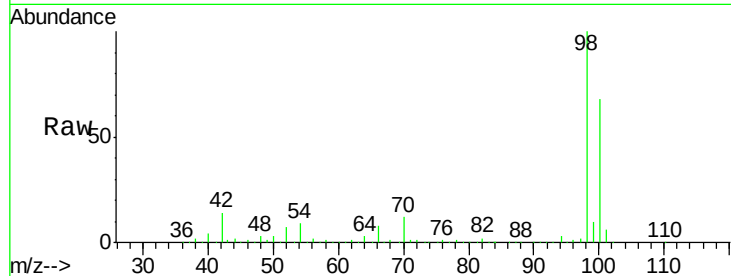




#50
Toluene-d8
Concen: 51.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

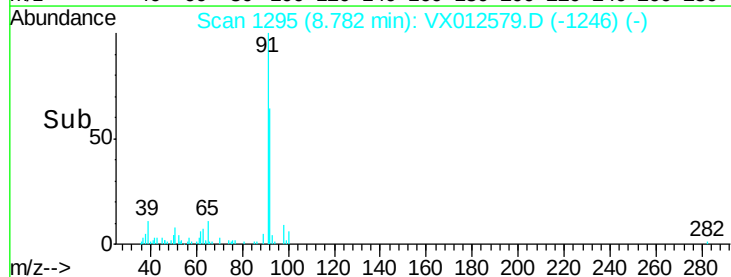
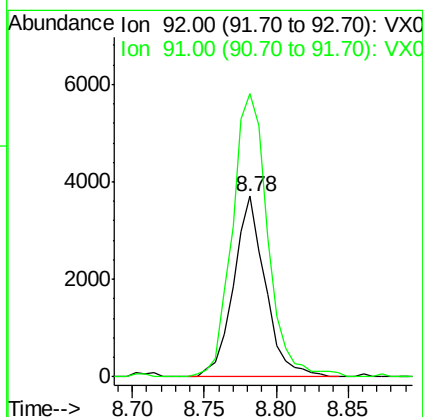
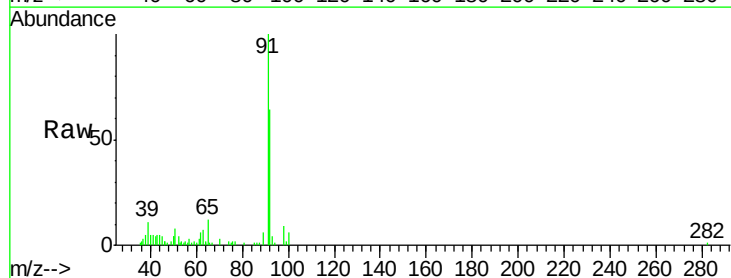
Instrument :
MSVOA_X
ClientSampleId :
S49-0554

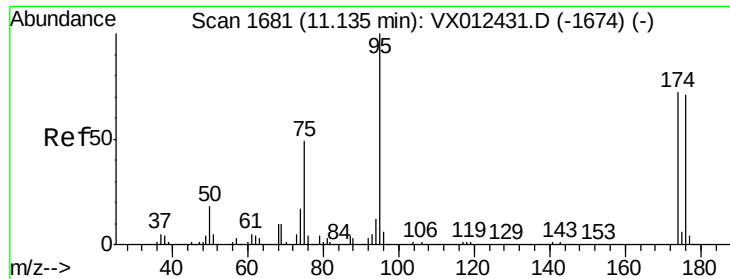
Tot Ion: 98 Resp: 329260
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#52
Toluene
Concen: 1.603 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 92 Resp: 5710
Ion Ratio Lower Upper
92 100
91 174.6 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 43.053 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012579.D

Acq: 21 Sep 2019 00:32

Instrument :

MSVOA_X

ClientSampled :

S49-0554

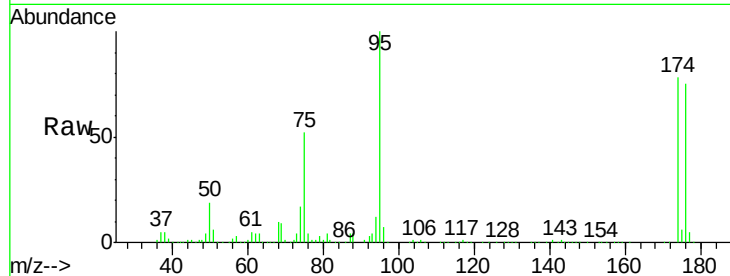
Tot Ion: 95 Resp: 114564

Ion Ratio Lower Upper

95 100

174 73.5 0.0 140.0

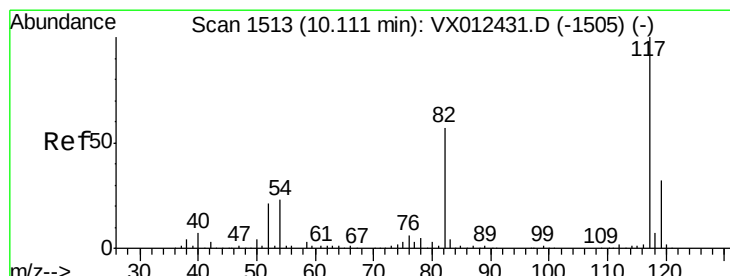
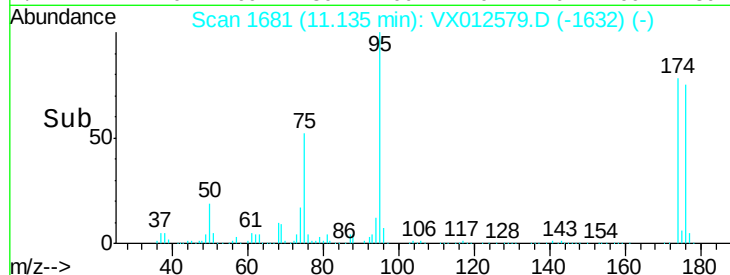
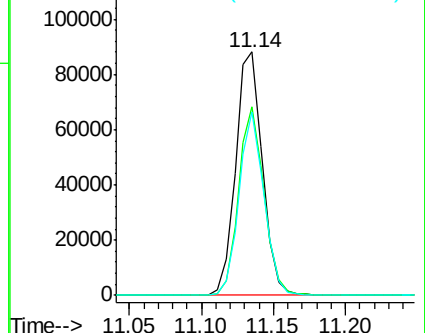
176 70.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012579.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012579.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012579.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012579.D

Acq: 21 Sep 2019 00:32

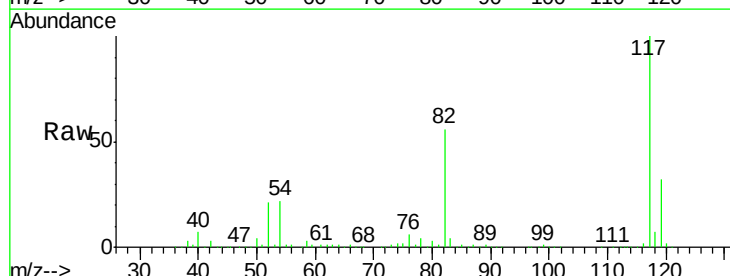
Tgt Ion: 117 Resp: 241039

Ion Ratio Lower Upper

117 100

82 55.9 45.9 68.9

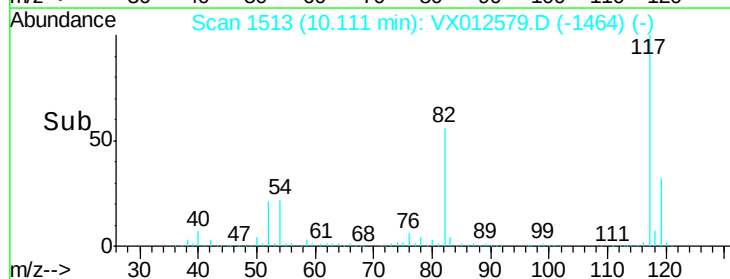
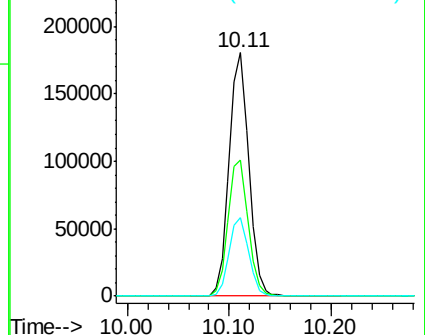
119 32.4 25.3 37.9

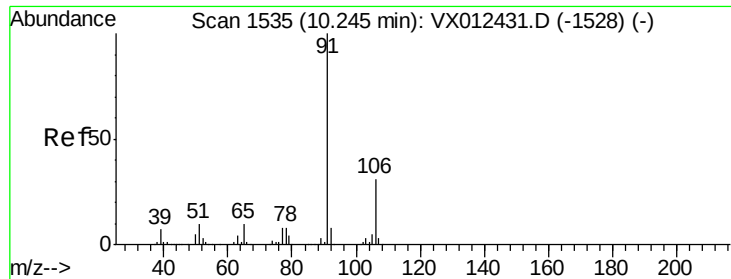


Abundance Ion 116.90 (116.60 to 117.60): VX012579.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012579.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012579.D (-1464) (-)

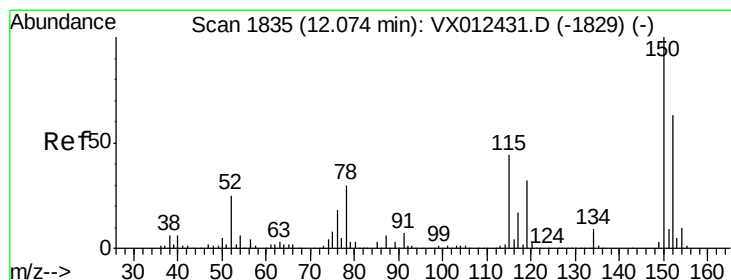
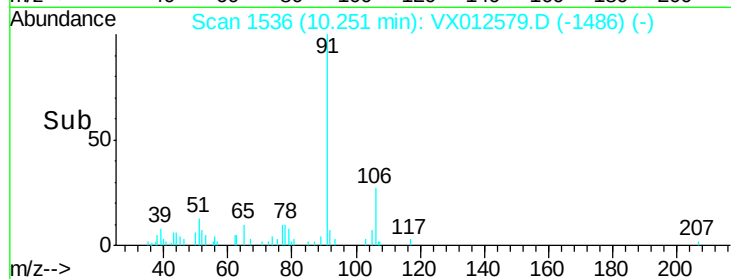
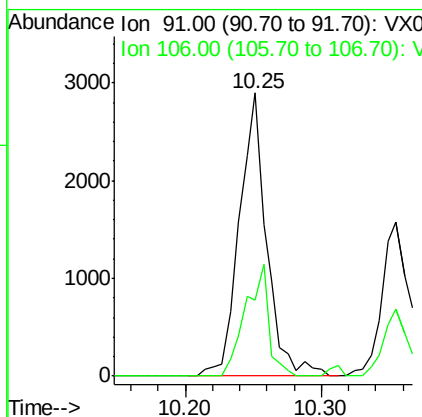
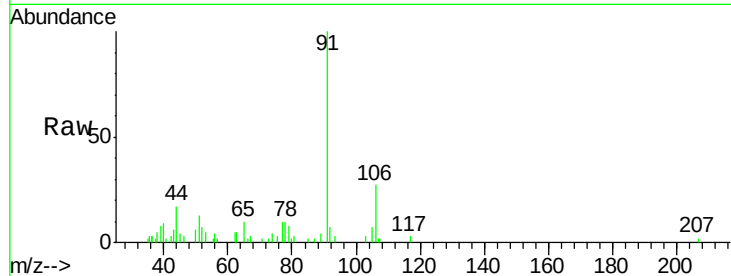




#67
Ethyl Benzene
Concen: 0.593 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
S49-0554

Tot Ion: 91 Resp: 4056
Ion Ratio Lower Upper
91 100
106 26.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012579.D
Acq: 21 Sep 2019 00:32

Tgt Ion: 152 Resp: 94993
Ion Ratio Lower Upper
152 100
115 64.4 44.1 132.3
150 160.5 0.0 343.8

