

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014081.D
 Acq On : 18 Dec 2019 04:33
 Operator : JC/SP
 Sample : K6312-07 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Dec 18 08:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	84622	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	465399	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	421850	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	183826	30.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.10%
60) 4-Bromofluorobenzene	11.14	95	193541	28.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.70%
63) Toluene-d8	8.71	98	562627	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

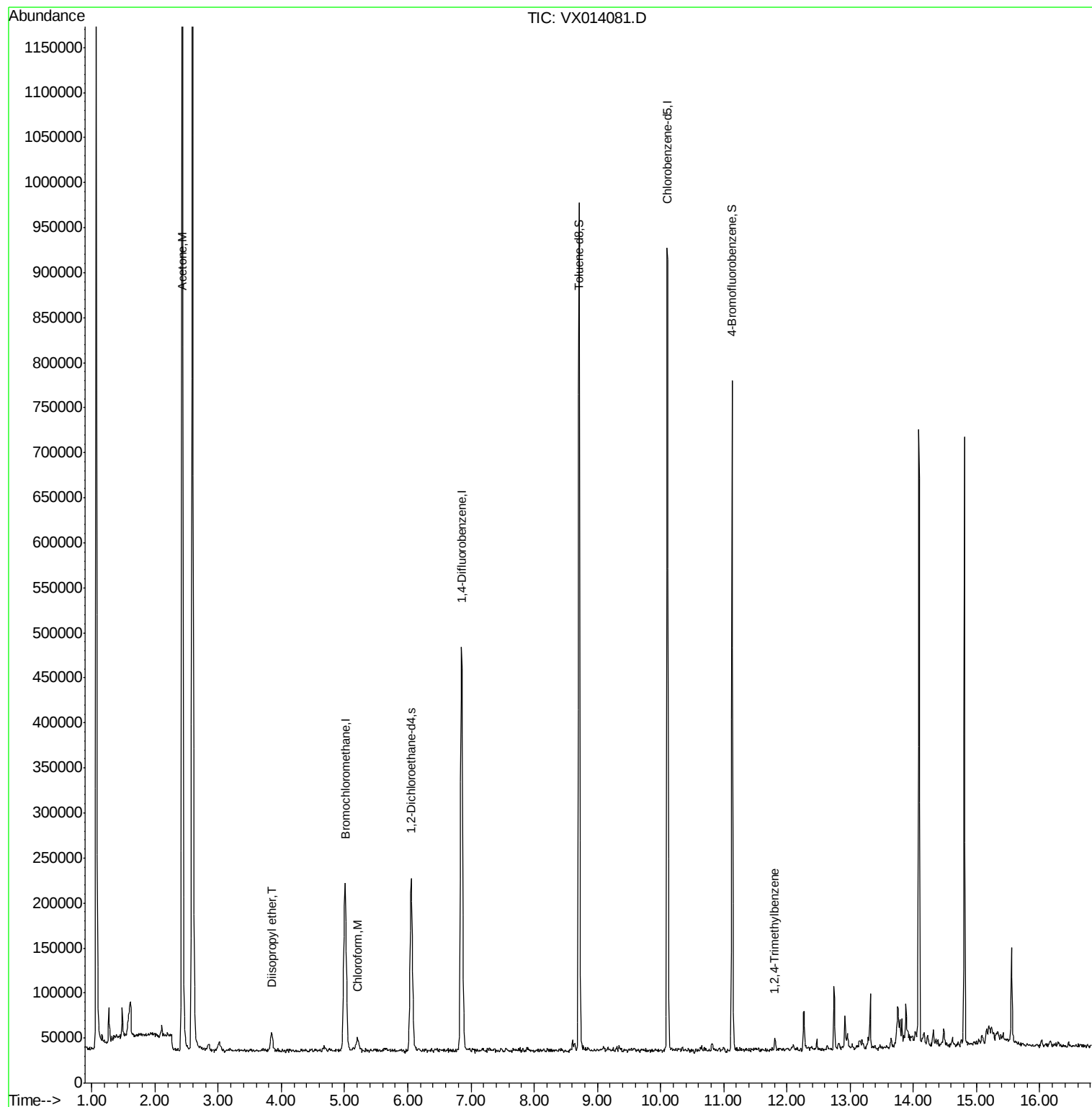
Target Compounds					Ovalue
15) Acetone	2.43	58	462764	549.306 ug/l	89
20) Diisopropyl ether	3.84	45	22765	1.303 ug/l #	75
25) Chloroform	5.20	83	16462	1.821 ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	5514	0.271 ug/l	41

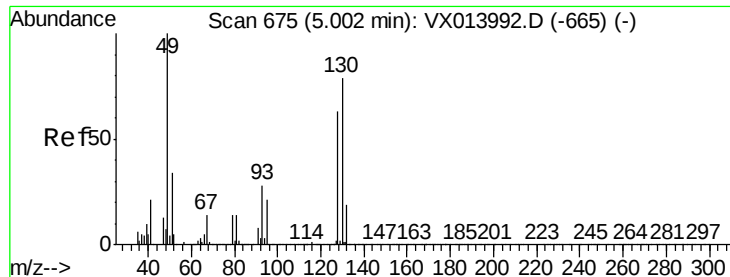
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121719\
Data File : VX014081.D
Acq On : 18 Dec 2019 04:33
Operator : JC/SP
Sample : K6312-07 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Time: Dec 18 08:31:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014081.D

Acq: 18 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

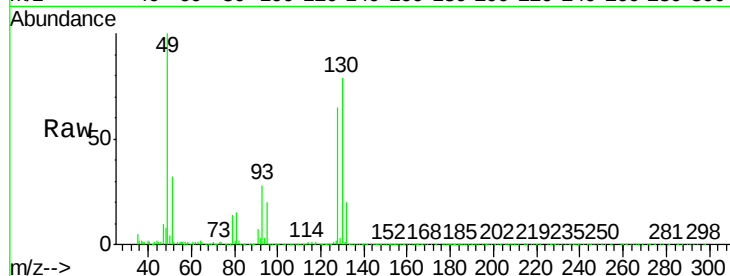
Tot Ion:128 Resp: 84622

Ion Ratio Lower Upper

128 100

49 158.1 0.0 405.0

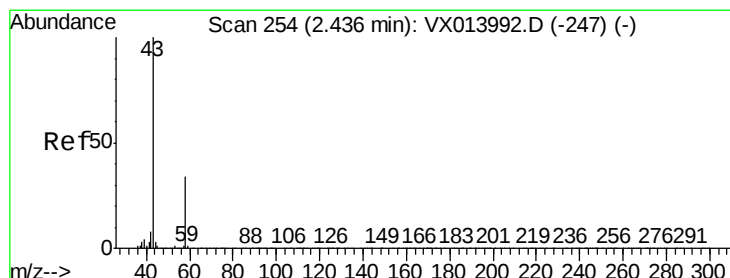
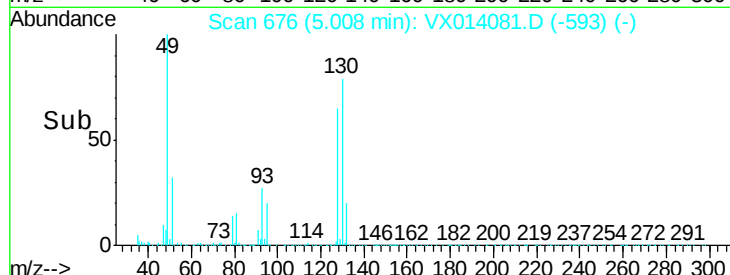
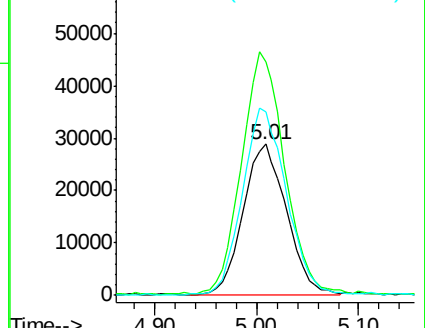
130 125.7 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 549.306 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014081.D

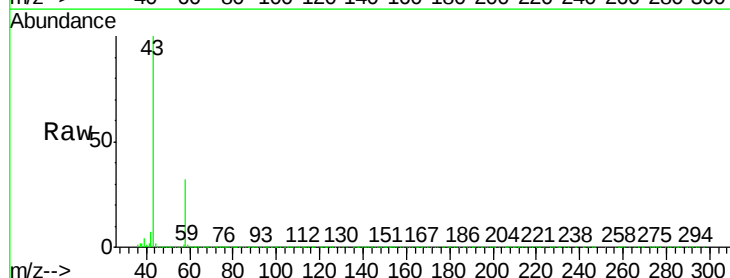
Acq: 18 Dec 2019 04:33

Tgt Ion: 58 Resp: 462764

Ion Ratio Lower Upper

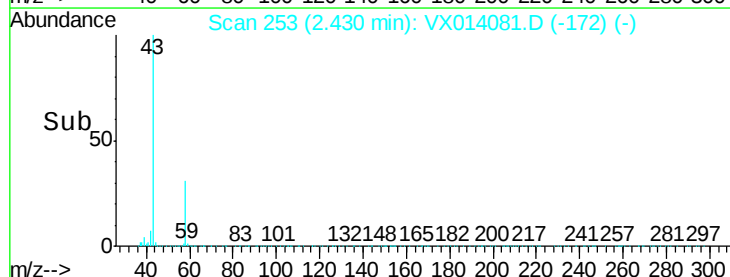
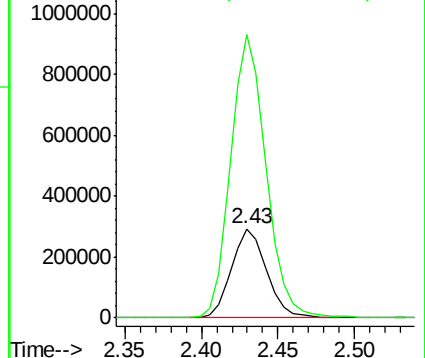
58 100

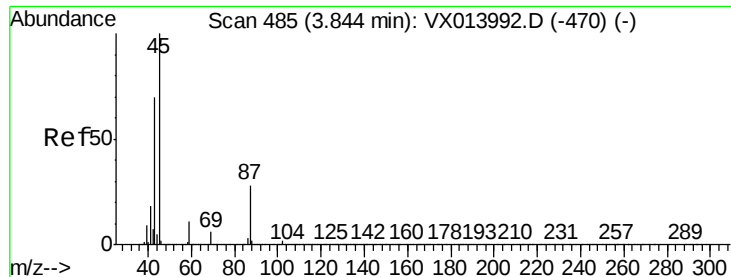
43 317.6 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

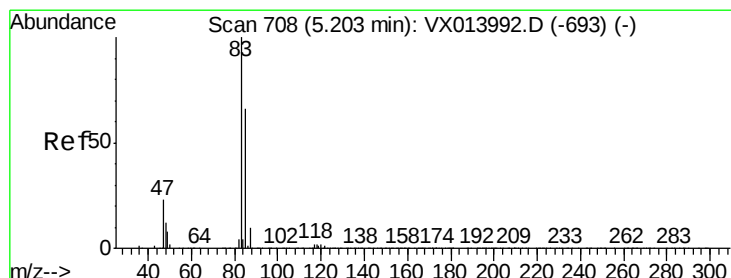
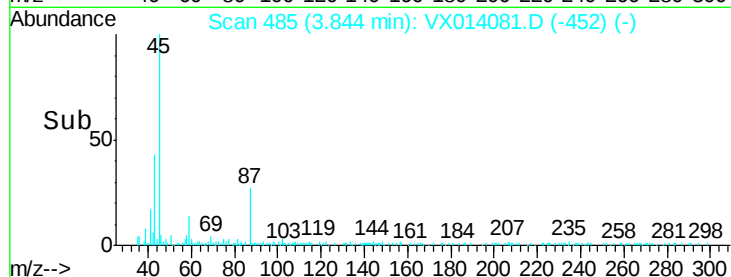
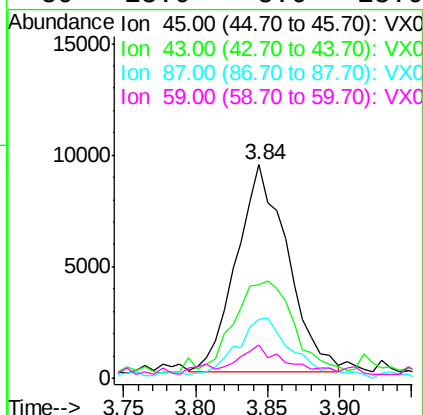
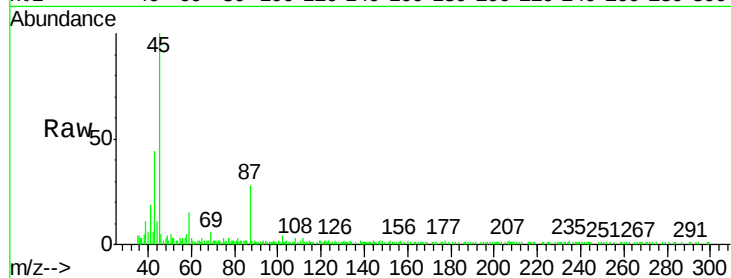




#20
Diisopropyl ether
Concen: 1.303 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014081.D
Acq: 18 Dec 2019 04:33

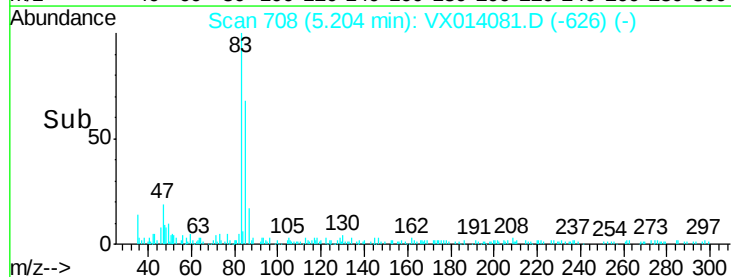
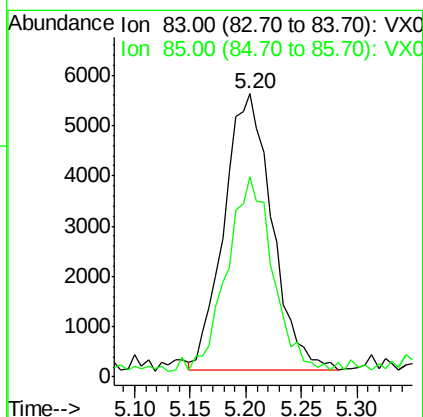
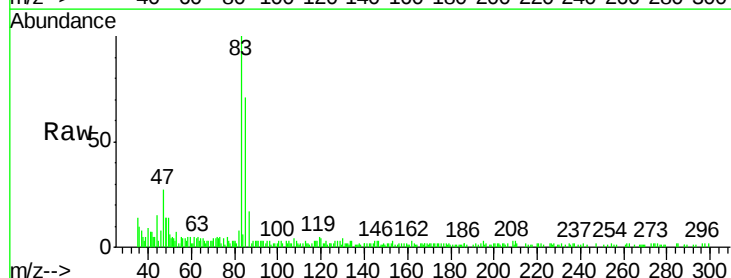
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

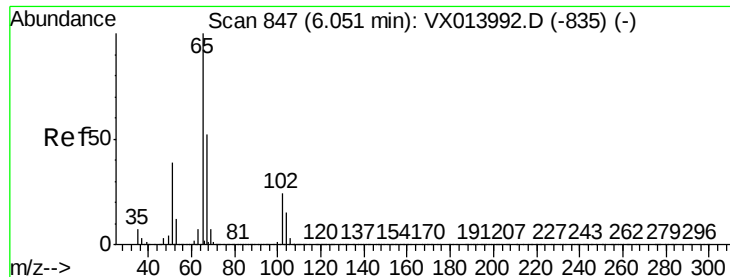
Tot Ion:	45	Resp:	22765
Ion	Ratio	Lower	Upper
45	100		
43	39.8	55.9	83.9#
87	25.7	22.2	33.2
59	13.0	8.6	13.0#



#25
Chloroform
Concen: 1.821 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014081.D
Acq: 18 Dec 2019 04:33

Tgt Ion:	83	Resp:	16462
Ion	Ratio	Lower	Upper
83	100		
85	69.9	52.7	79.1





#27

1,2-Dichloroethane-d4

Concen: 30.332 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014081.D

Acq: 18 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

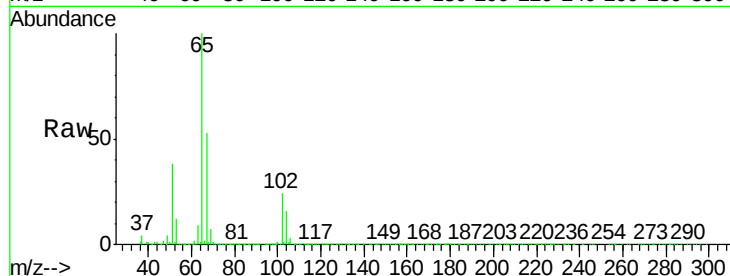
EFF-WW

Tot Ion: 65 Resp: 183826

Ion Ratio Lower Upper

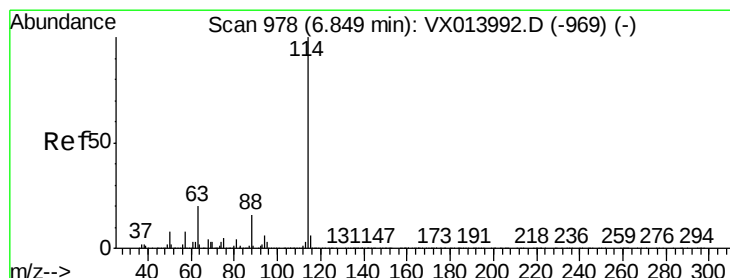
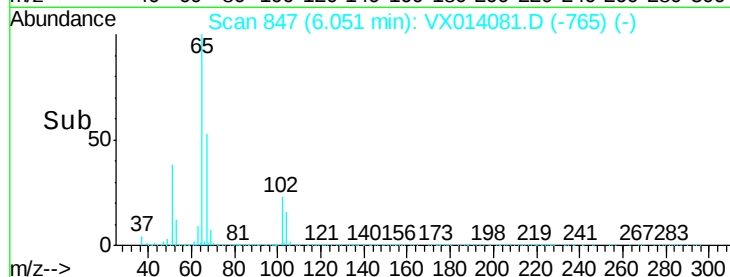
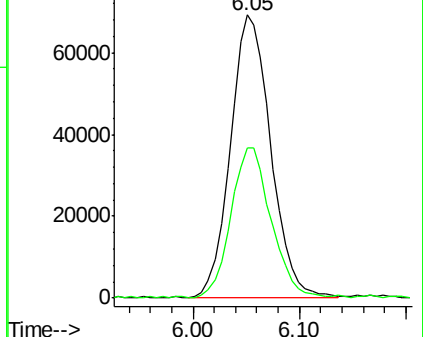
65 100

67 52.7 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014081.D

Acq: 18 Dec 2019 04:33

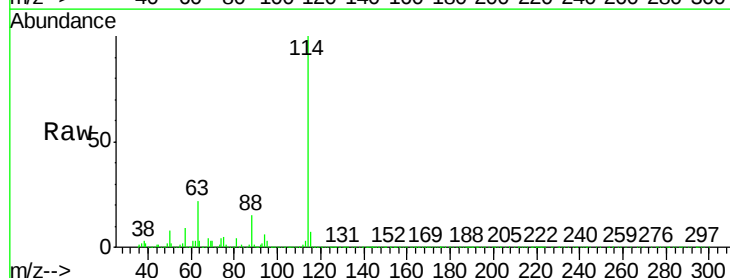
Tgt Ion: 114 Resp: 465399

Ion Ratio Lower Upper

114 100

63 21.2 16.1 24.1

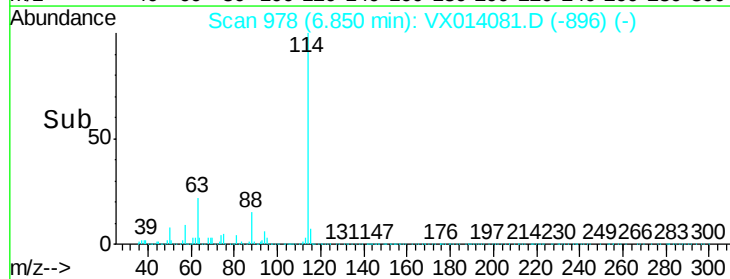
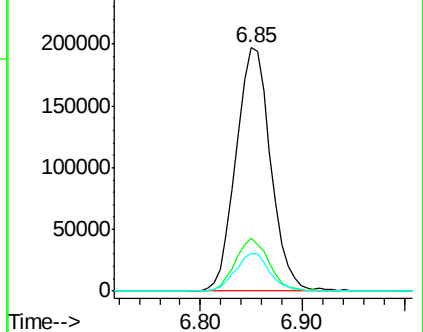
88 15.3 12.5 18.7

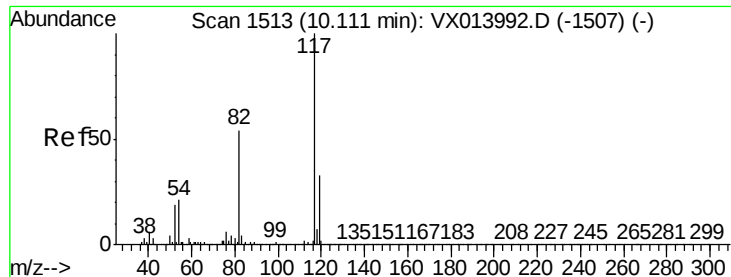


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

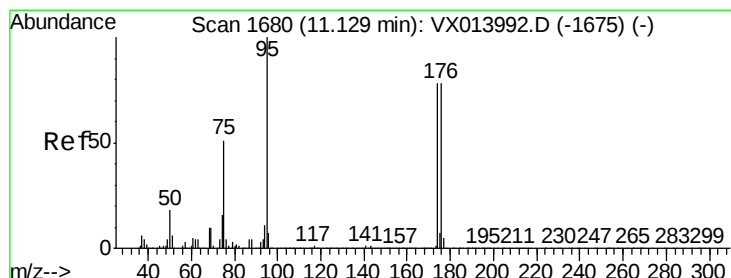
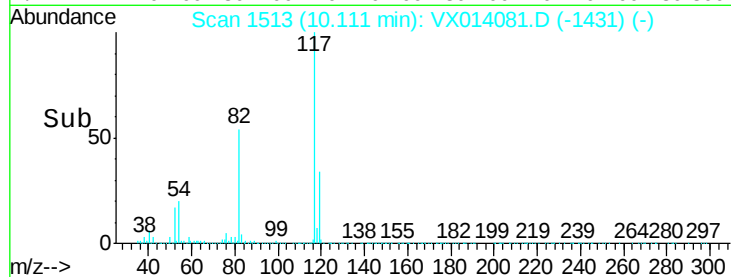
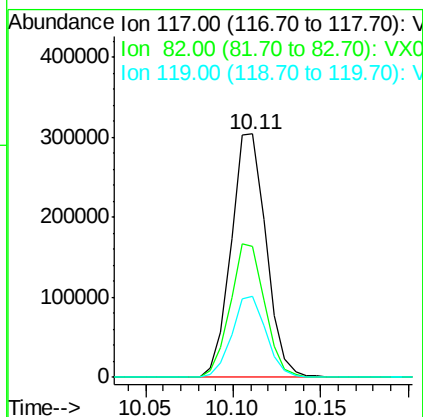
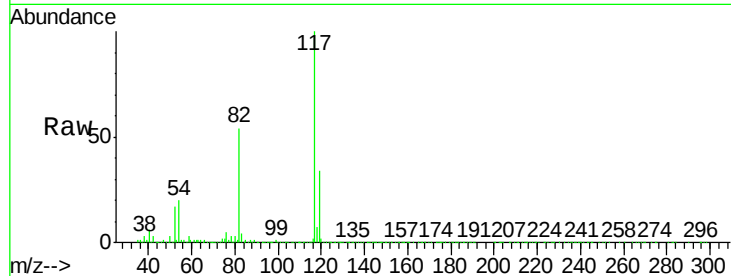




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014081.D
Acq: 18 Dec 2019 04:33

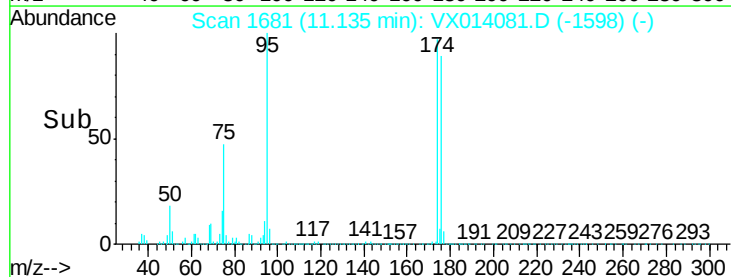
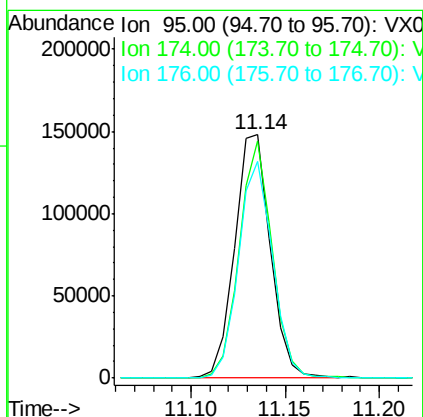
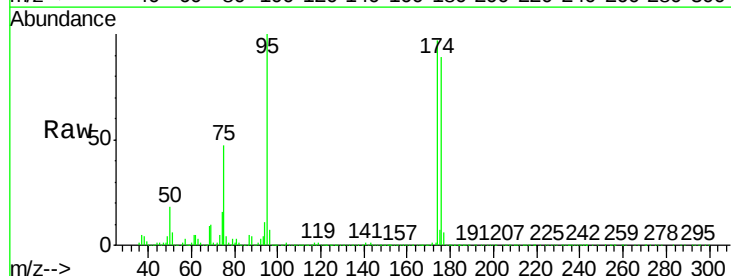
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

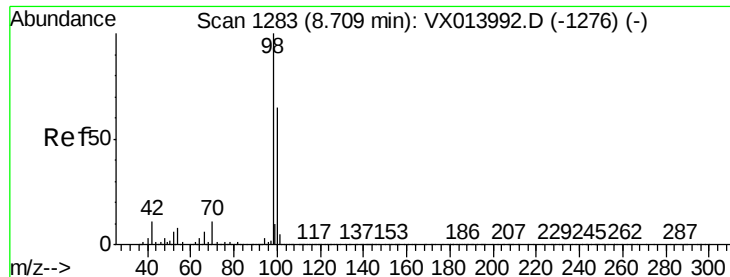
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	32.5	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 28.412 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014081.D
Acq: 18 Dec 2019 04:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	70.2	105.2
176	86.2	68.3	102.5





#63

Toluene-d8

Concen: 29.838 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014081.D

Acq: 18 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

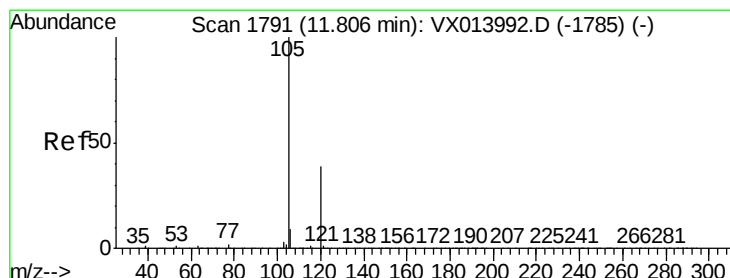
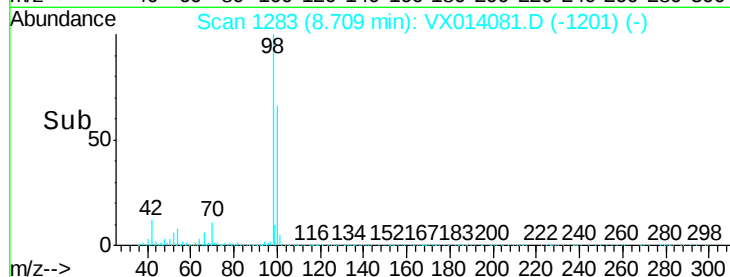
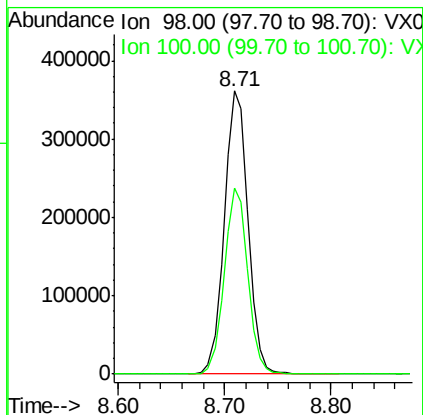
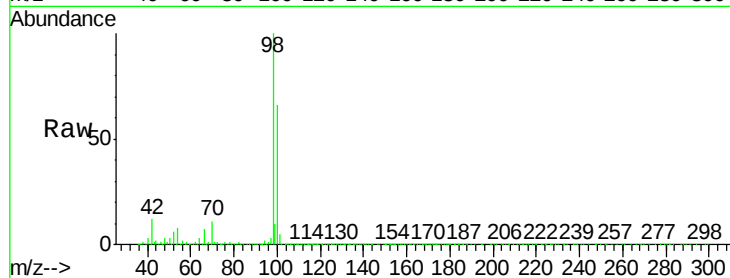
EFF-WW

Tot Ion: 98 Resp: 562627

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#80

1,2,4-Trimethylbenzene

Concen: 0.271 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014081.D

Acq: 18 Dec 2019 04:33

Tgt Ion: 105 Resp: 5514

Ion Ratio Lower Upper

105 100

120 7.3 0.0 92.0

