

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014873.D
 Acq On : 07 Feb 2020 16:00
 Operator : JC/SP
 Sample : L1434-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Feb 07 22:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	65966	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	382103	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	349337	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	149078	32.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.17%
60) 4-Bromofluorobenzene	11.13	95	167217	29.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.70%
63) Toluene-d8	8.71	98	454268	28.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.97%

Target Compounds

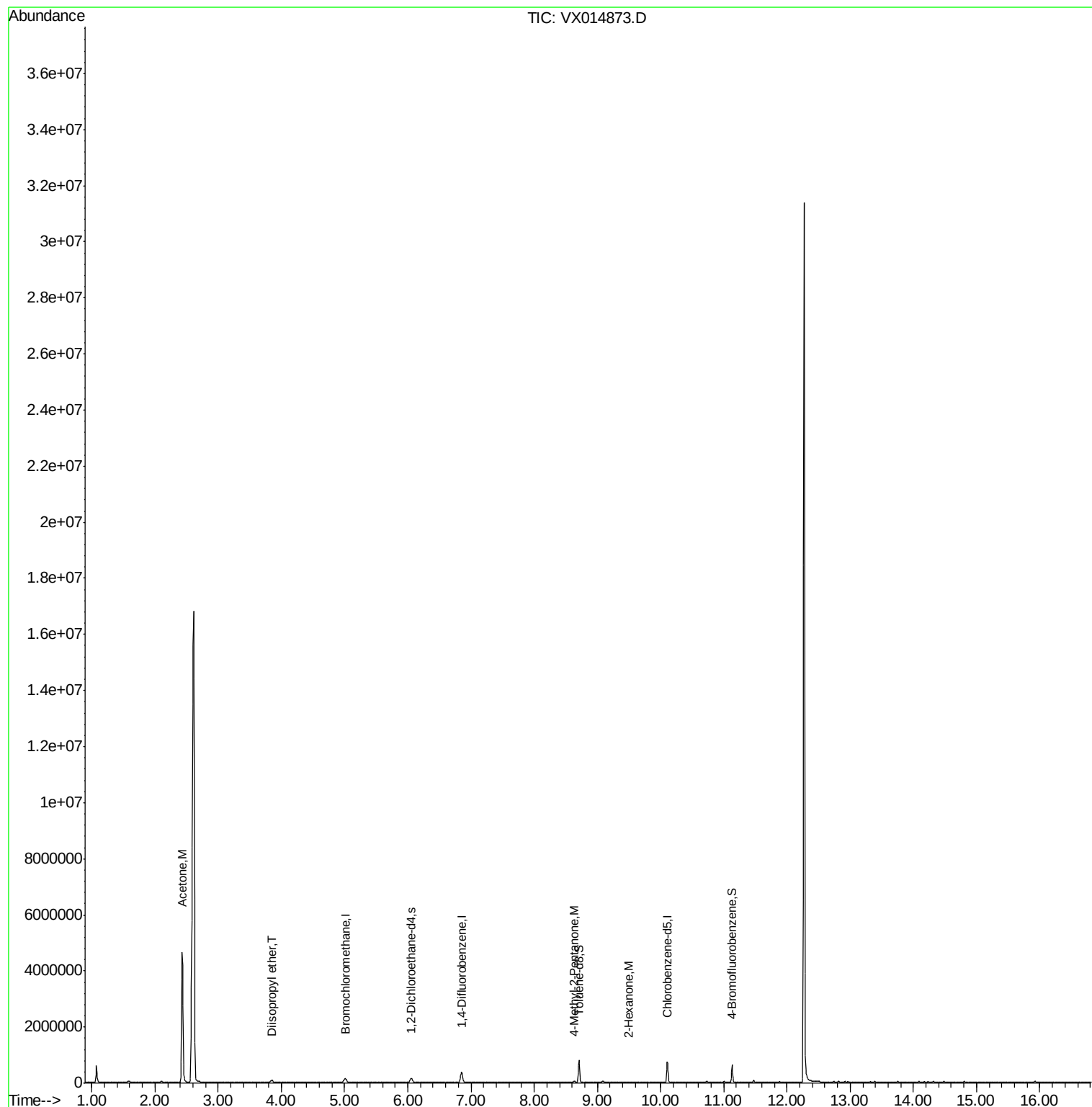
					Ovalue	
15) Acetone	2.43	58	1520993	2009.963	ug/l	87
20) Diisopropyl ether	3.84	45	81137	6.068	ug/l #	84
58) 4-Methyl-2-Pentanone	8.64	43	33757	5.131	ug/l	97
59) 2-Hexanone	9.49	43	7157	1.407	ug/l #	95

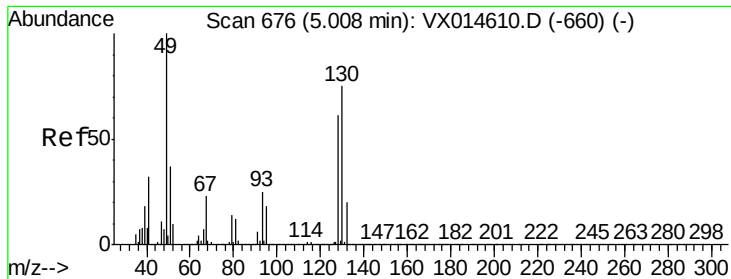
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020720\
Data File : VX014873.D
Acq On : 07 Feb 2020 16:00
Operator : JC/SP
Sample : L1434-01 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Time: Feb 07 22:53:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

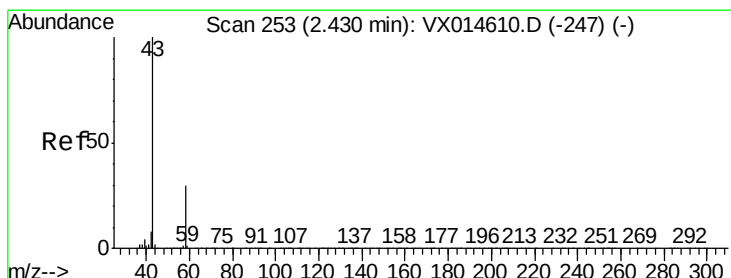
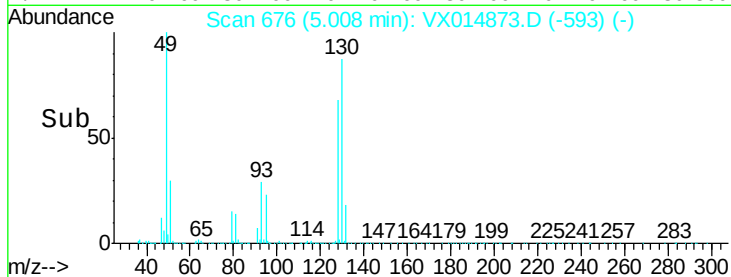
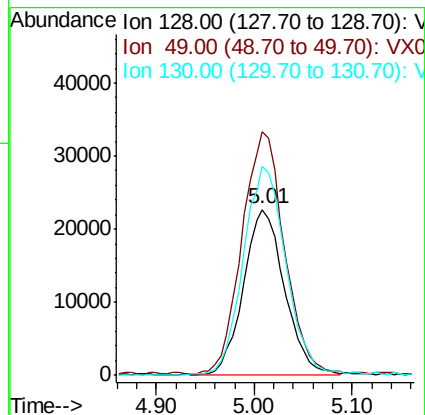
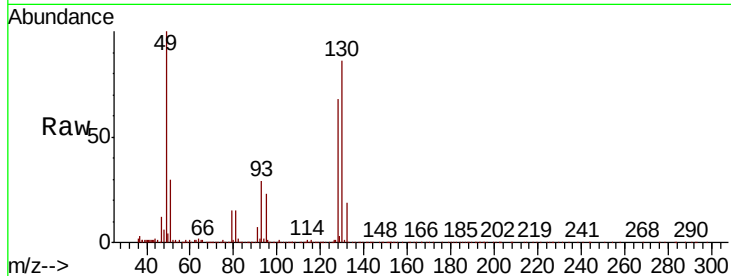
Delta R.T. 0.01 min

Lab File: VX014873.D

Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion:128 Resp: 65966
Ion Ratio Lower Upper
128 100
49 150.8 0.0 405.0
130 129.9 0.0 321.5



#15

Acetone

Concen: 2009.963 ug/l

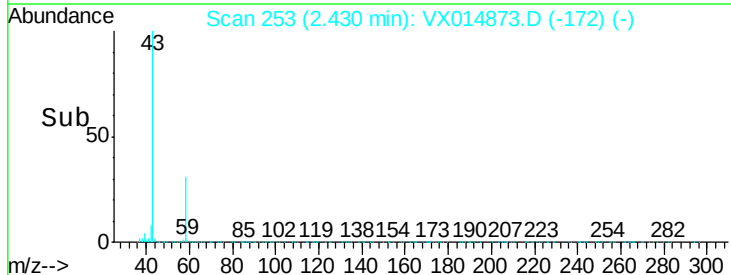
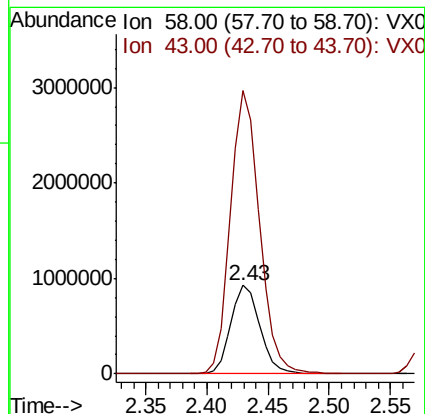
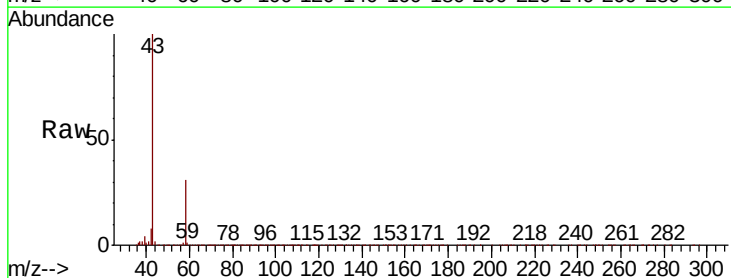
RT: 2.43 min Scan# 253

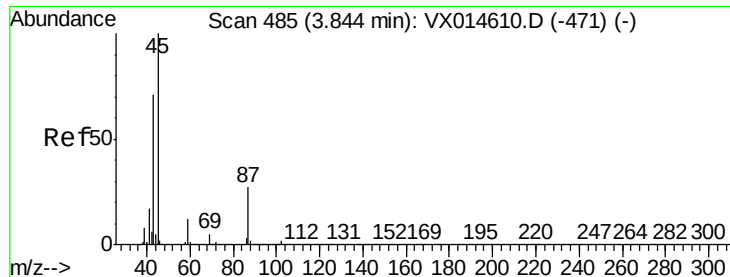
Delta R.T. -0.01 min

Lab File: VX014873.D

Acq: 07 Feb 2020 16:00

Tgt Ion: 58 Resp: 1520993
Ion Ratio Lower Upper
58 100
43 319.7 236.3 354.5

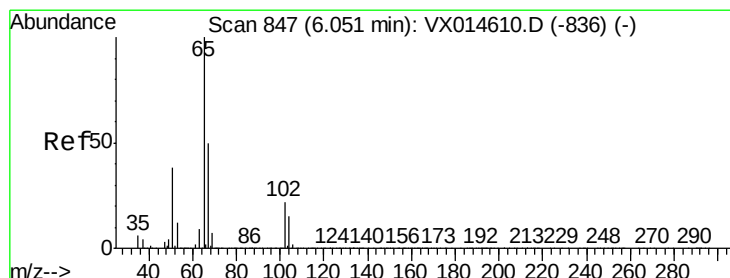
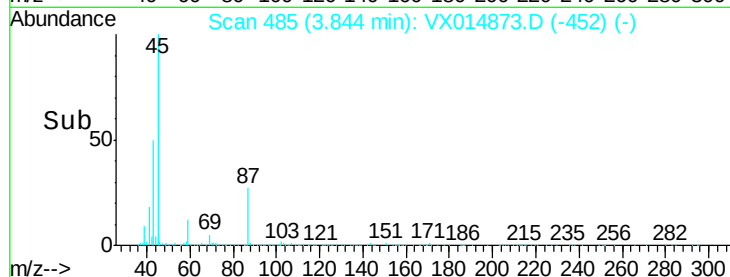
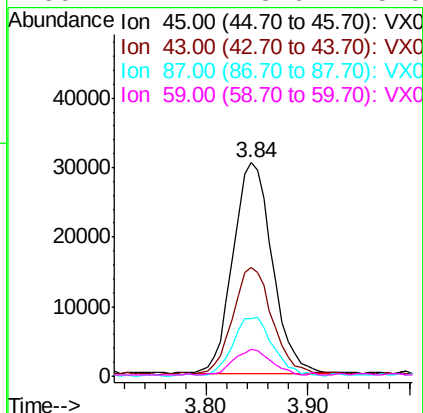
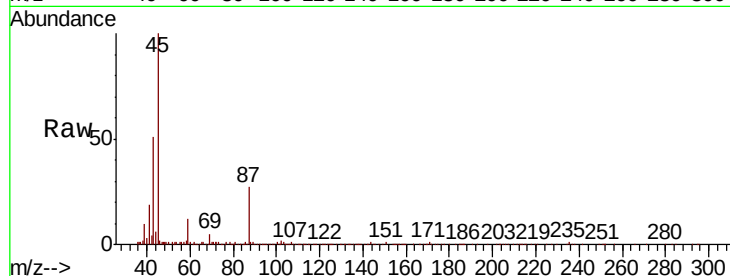




#20
Diisopropyl ether
Concen: 6.068 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

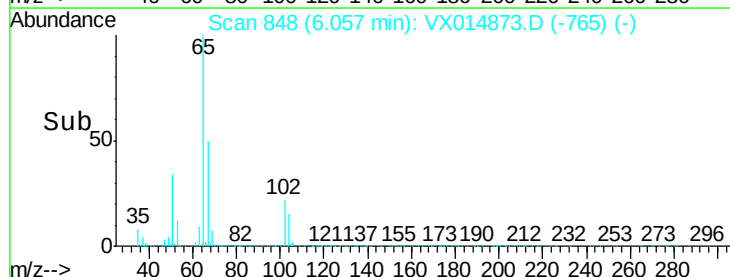
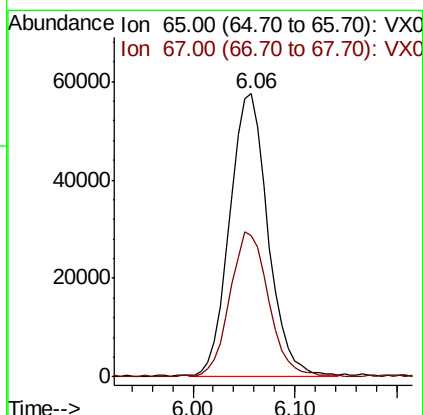
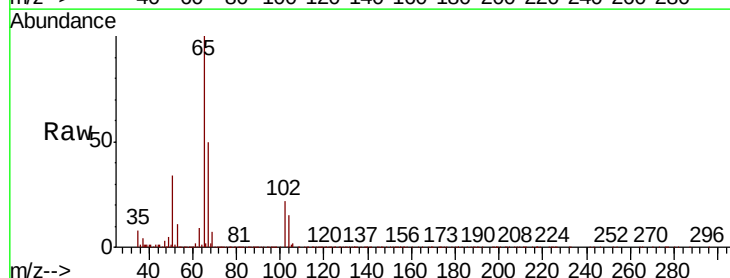
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

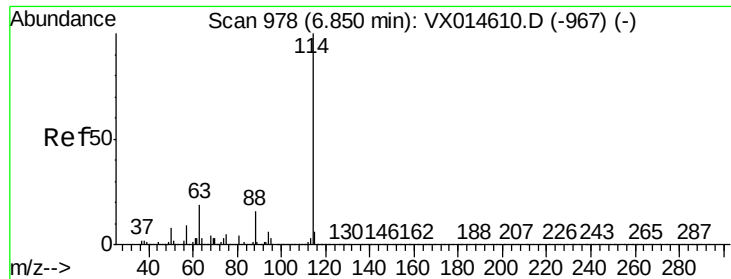
Tot Ion:	45	Resp:	81137
Ion	Ratio	Lower	Upper
45	100		
43	50.4	55.9	83.9#
87	26.8	22.2	33.2
59	11.4	8.6	13.0



#27
1,2-Dichloroethane-d4
Concen: 32.152 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion:	65	Resp:	149078
Ion	Ratio	Lower	Upper
65	100		
67	50.8	43.1	64.7

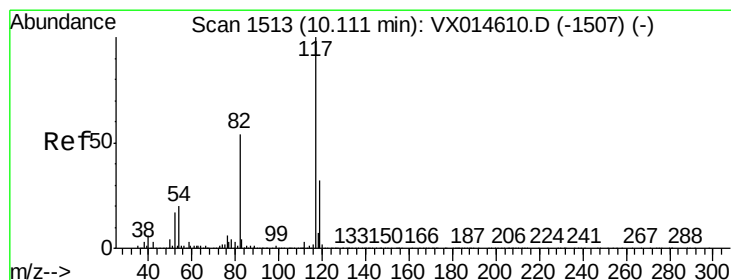
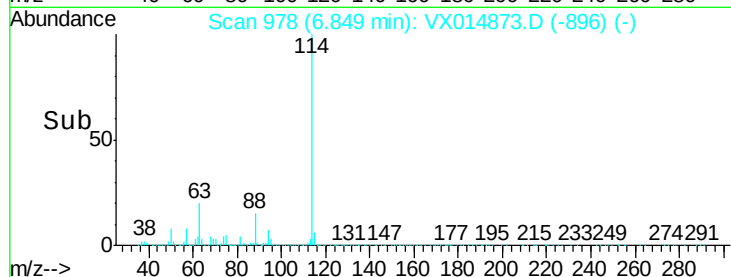
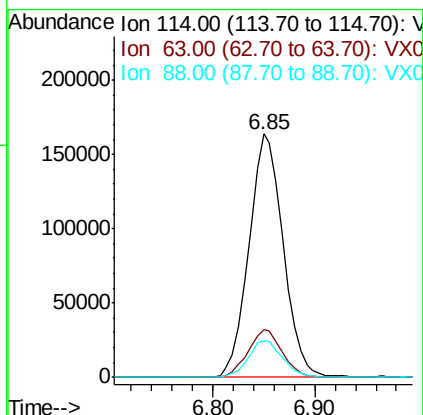
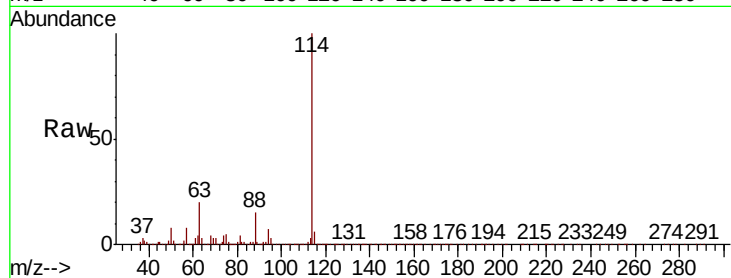




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

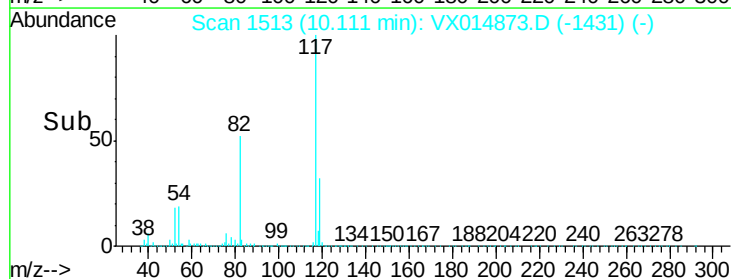
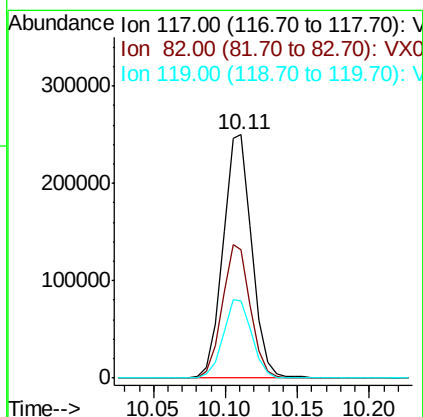
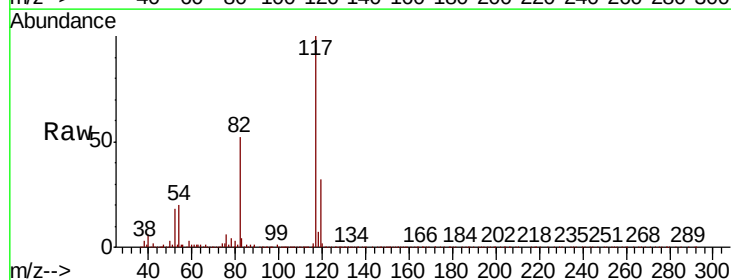
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

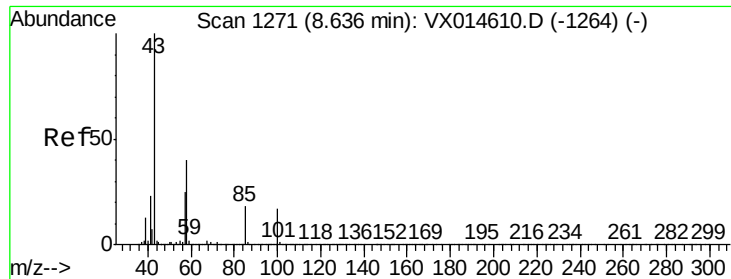
Tot Ion:	114	Resp:	382103
Ion	Ratio	Lower	Upper
114	100		
63	19.4	16.1	24.1
88	15.4	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion:	117	Resp:	349337
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.6
119	32.2	25.8	38.6

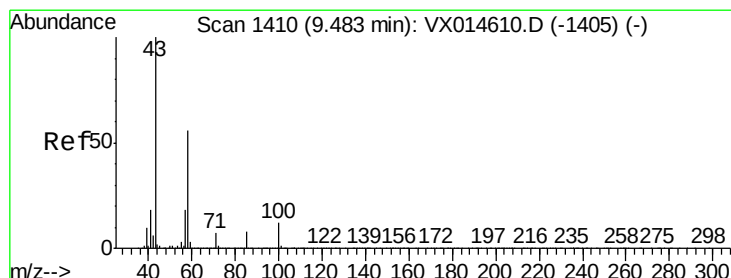
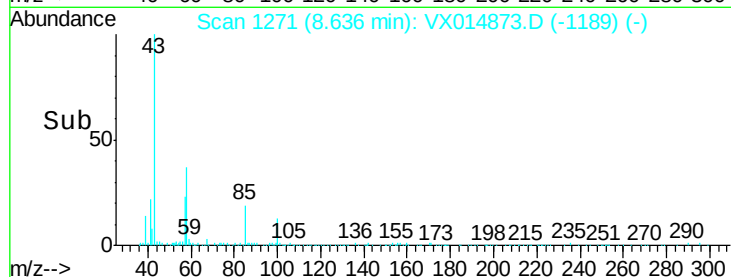
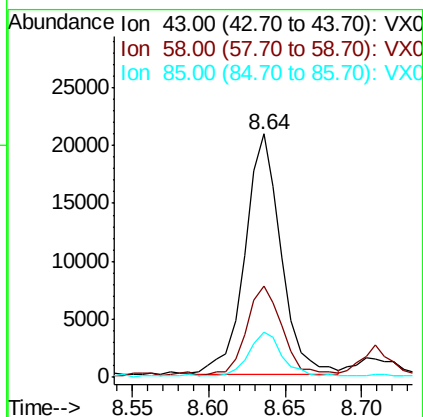
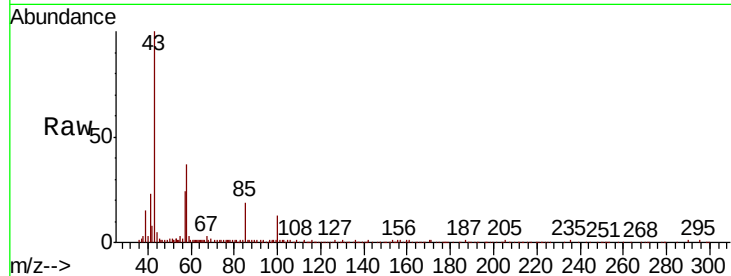




#58
 4-Methyl-2-Pentanone
 Concen: 5.131 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014873.D
 Acq: 07 Feb 2020 16:00

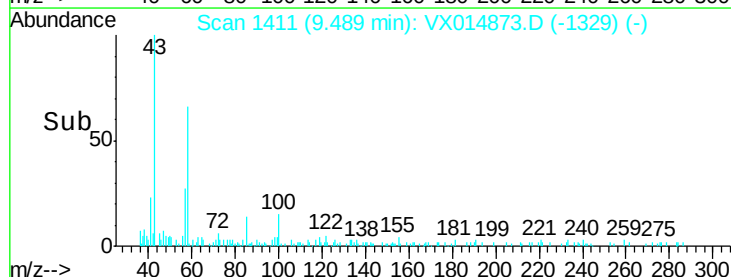
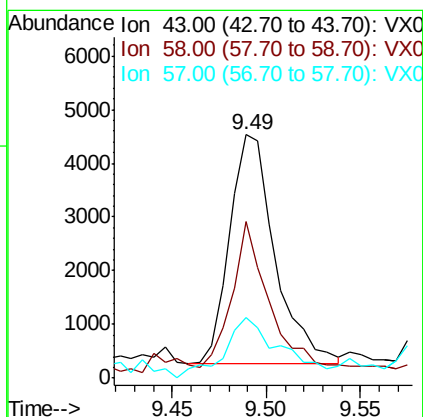
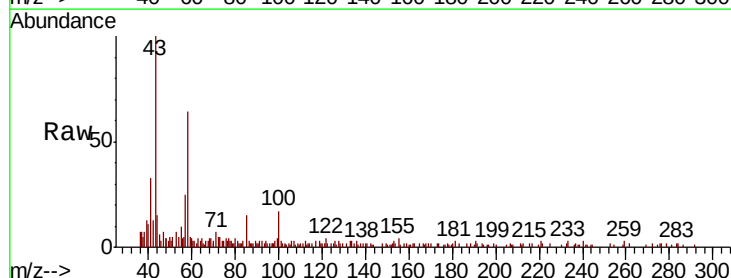
Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

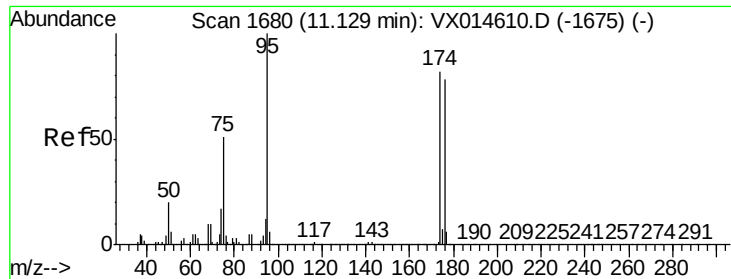
Tot Ion:	43	Resp:	33757
Ion	Ratio	Lower	Upper
43	100		
58	36.7	31.2	46.8
85	16.6	14.2	21.2



#59
 2-Hexanone
 Concen: 1.407 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX014873.D
 Acq: 07 Feb 2020 16:00

Tgt Ion:	43	Resp:	7157
Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.8	65.6
57	23.1	15.4	23.0#

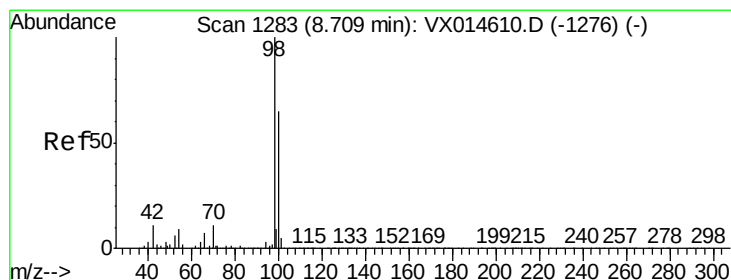
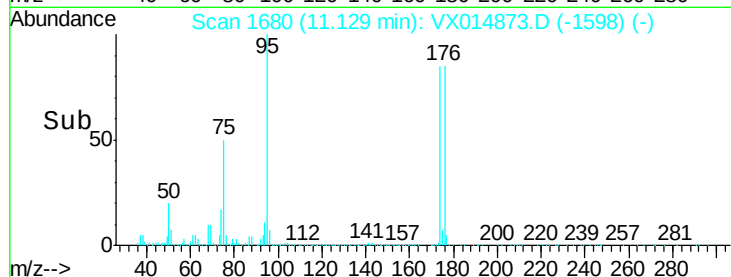
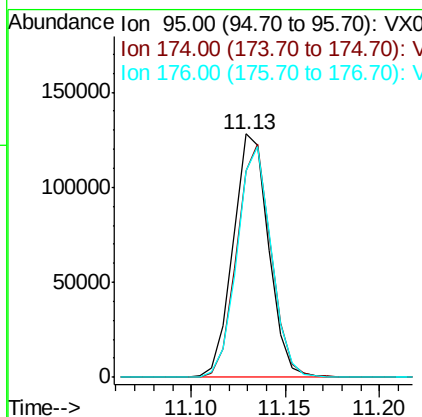
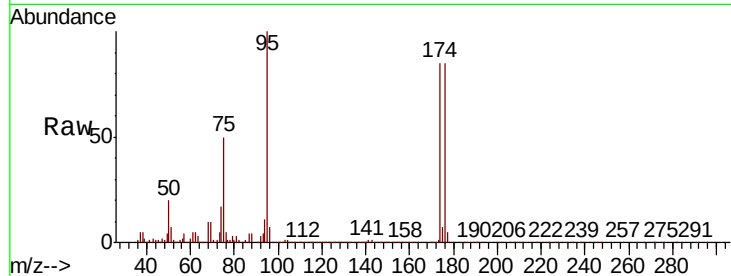




#60
4-Bromofluorobenzene
Concen: 29.913 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.9	70.2	105.2
176	91.1	68.3	102.5



#63
Toluene-d8
Concen: 28.789 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

