

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013163.D
 Acq On : 21 Oct 2019 19:37
 Operator : JC/SP
 Sample : K5441-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Oct 22 02:30:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	29735	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	165803	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	146080	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	69038	29.49	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	98.30%		
60) 4-Bromofluorobenzene	11.14	95	70508	27.72	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	92.40%		
63) Toluene-d8	8.71	98	196885	30.30	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	101.00%		

Target Compounds

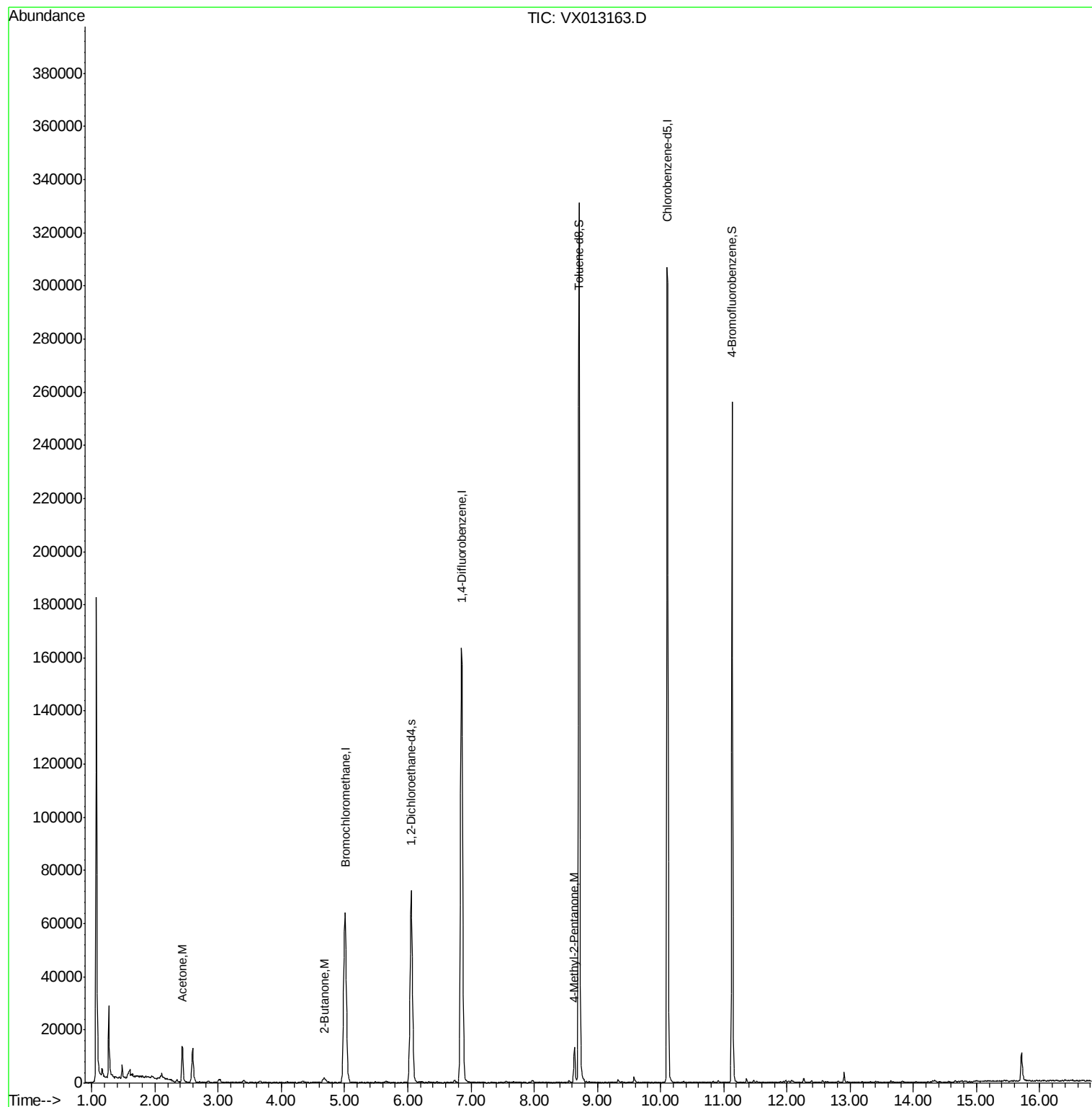
					Ovalue
15) Acetone	2.43	58	4253	13.104	ug/l 100
30) 2-Butanone	4.67	43	3149	2.331	ug/l # 90
58) 4-Methyl-2-Pentanone	8.64	43	7891	3.206	ug/l 99

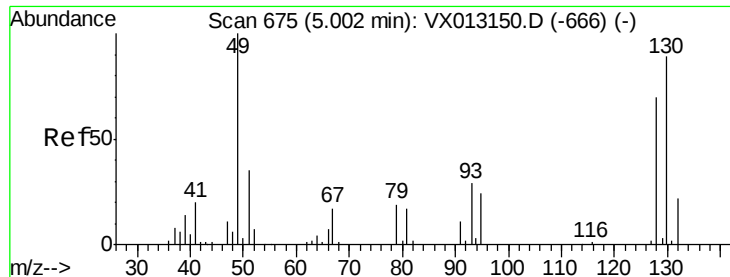
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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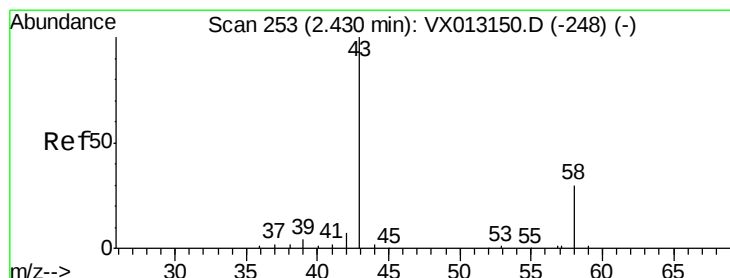
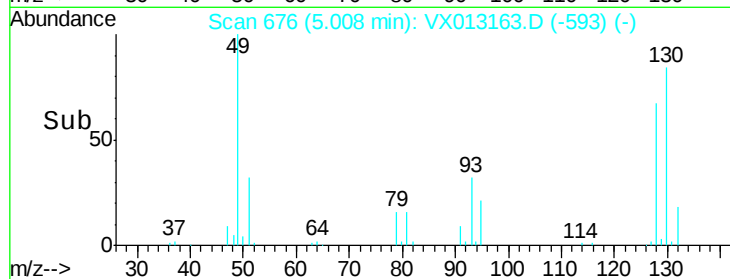
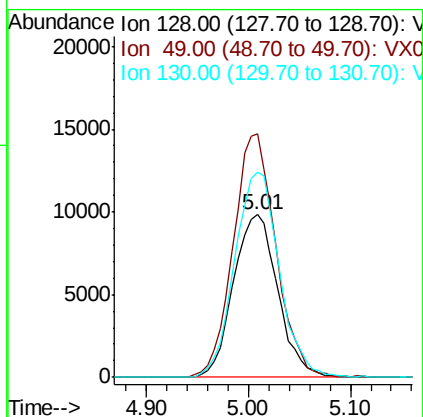
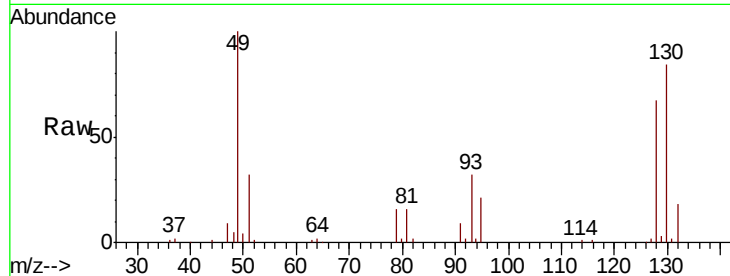




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013163.D
Acq: 21 Oct 2019 19:37

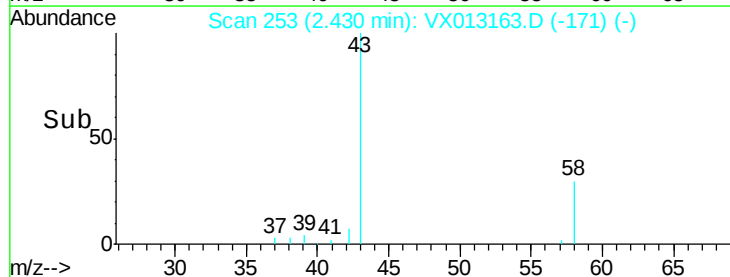
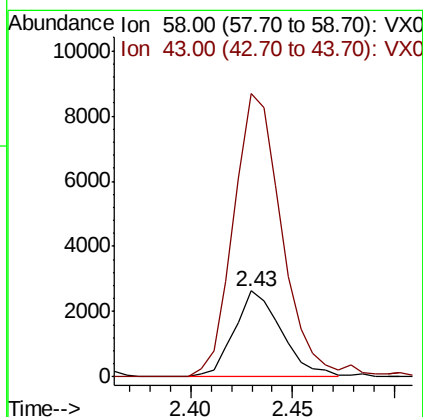
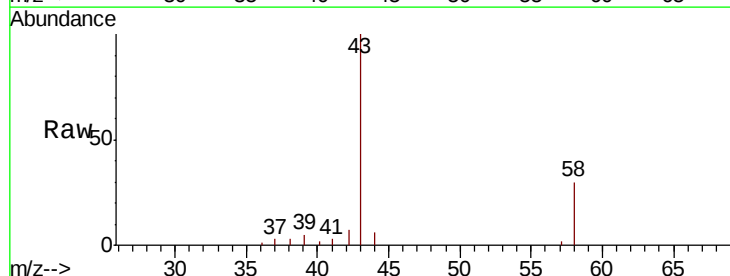
Instrument :
MSVOA_X
ClientSampleId :
OF-2

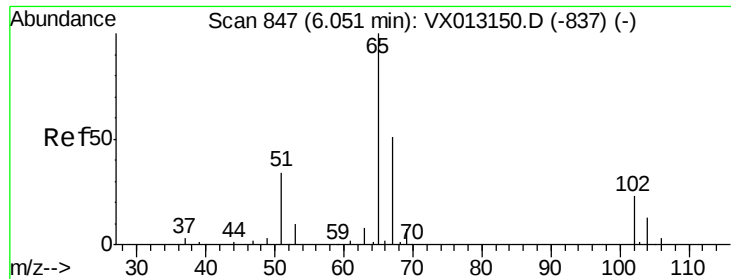
Tot Ion:128 Resp: 29735
Ion Ratio Lower Upper
128 100
49 143.7 0.0 367.3
130 126.6 0.0 325.0



#15
Acetone
Concen: 13.104 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013163.D
Acq: 21 Oct 2019 19:37

Tgt Ion: 58 Resp: 4253
Ion Ratio Lower Upper
58 100
43 329.5 262.8 394.2





#27

1,2-Dichloroethane-d4

Concen: 29.494 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013163.D

Acq: 21 Oct 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

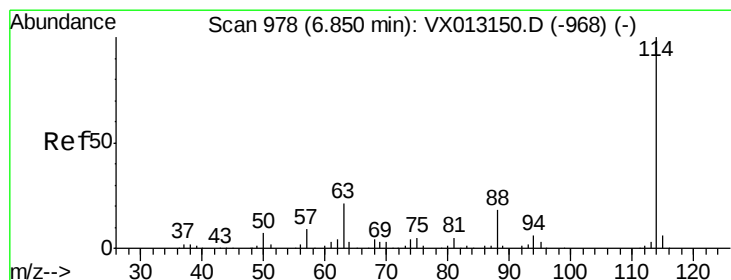
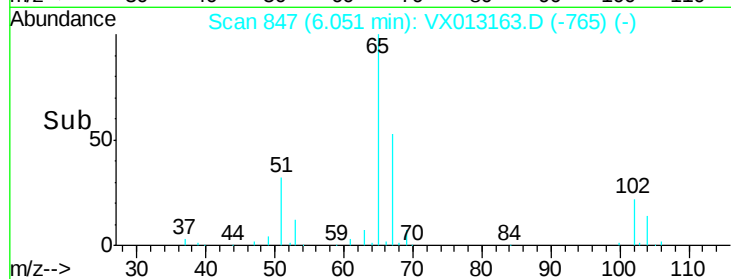
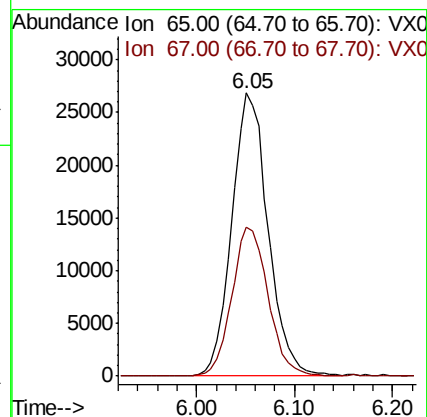
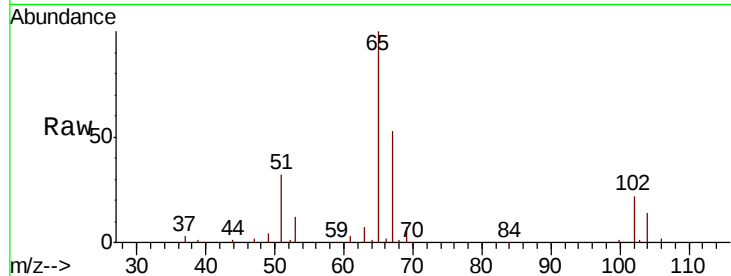
OF-2

Tot Ion: 65 Resp: 69038

Ion Ratio Lower Upper

65 100

67 52.6 42.2 63.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013163.D

Acq: 21 Oct 2019 19:37

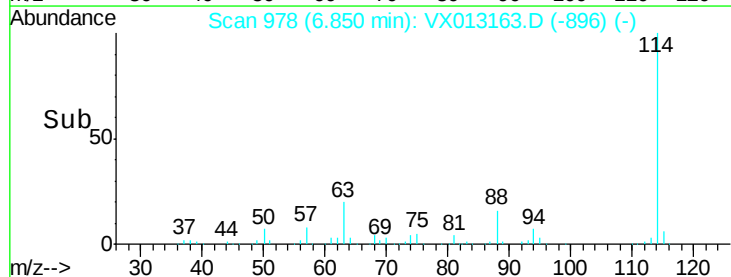
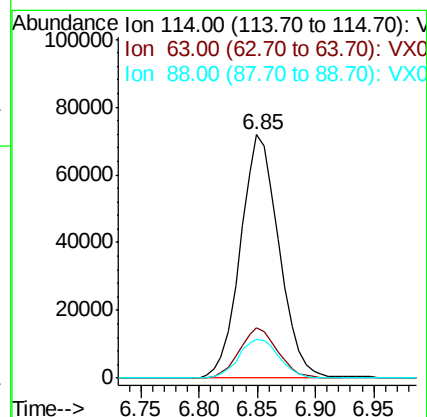
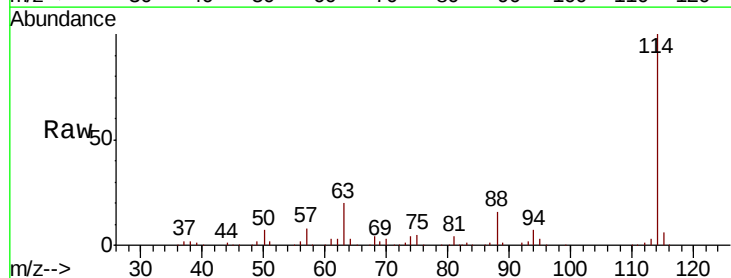
Tgt Ion: 114 Resp: 165803

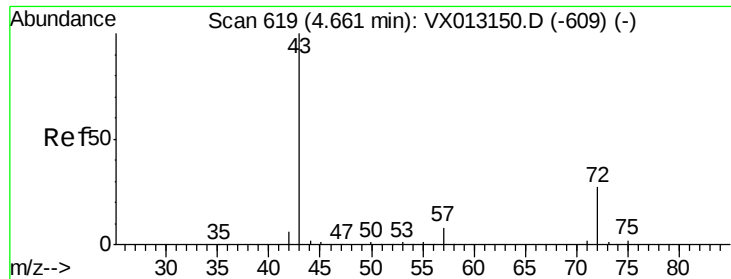
Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

88 16.8 13.7 20.5

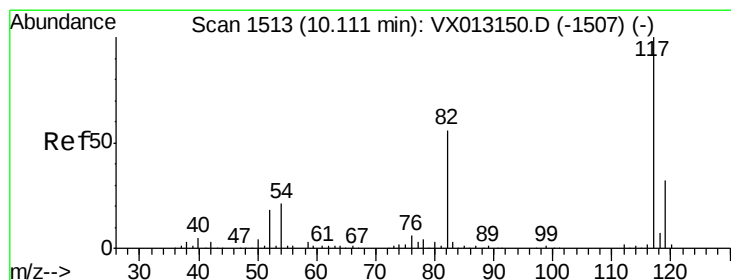
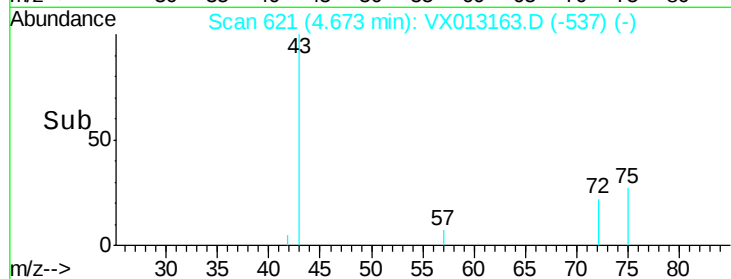
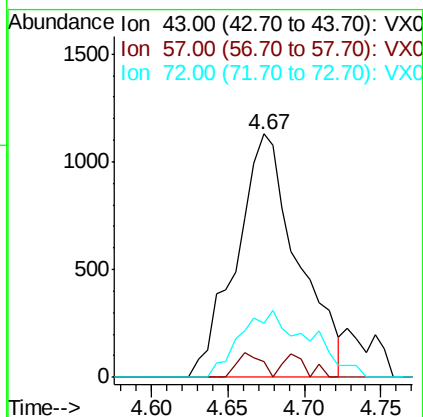
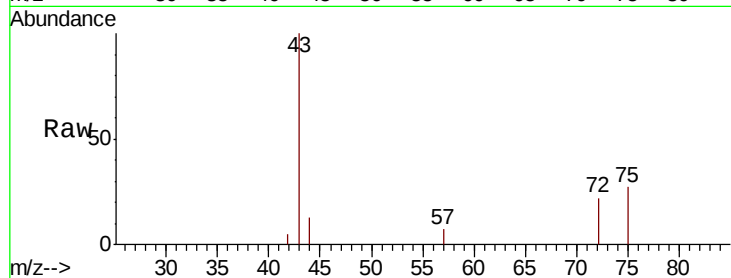




#30
2-Butanone
Concen: 2.331 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013163.D
Acq: 21 Oct 2019 19:37

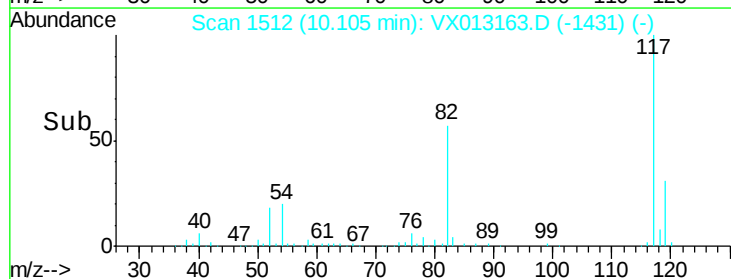
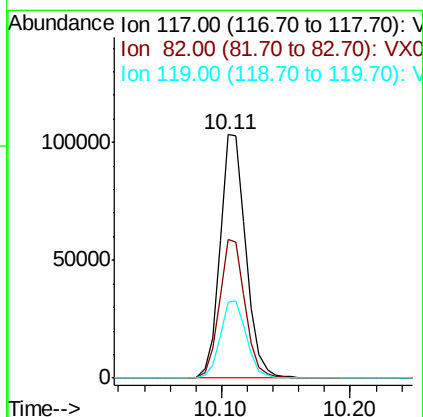
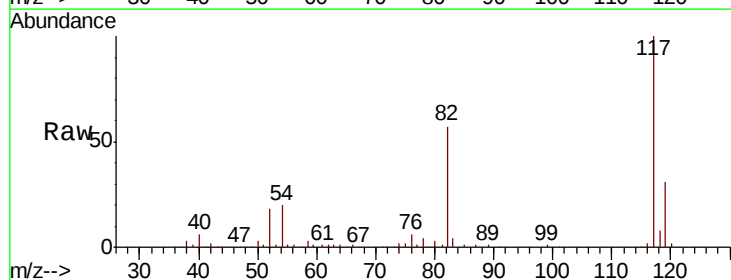
Instrument :
MSVOA_X
ClientSampled :
OF-2

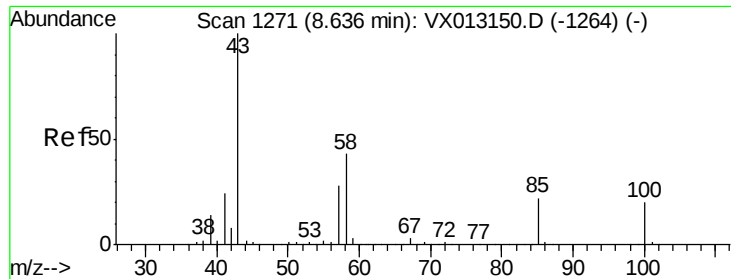
Tot Ion: 43 Resp: 3149
Ion Ratio Lower Upper
43 100
57 2.9 7.0 10.6#
72 25.2 23.4 35.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013163.D
Acq: 21 Oct 2019 19:37

Tgt Ion: 117 Resp: 146080
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 32.2 25.4 38.0

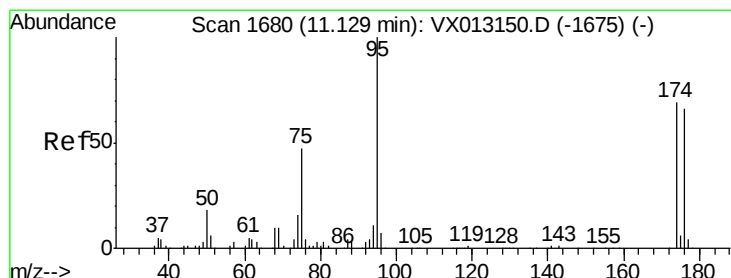
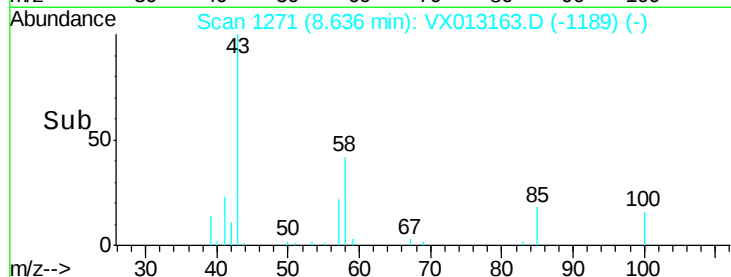
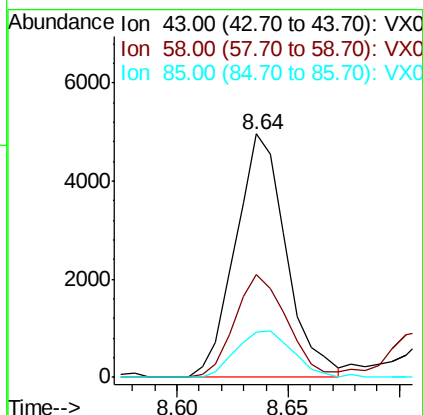
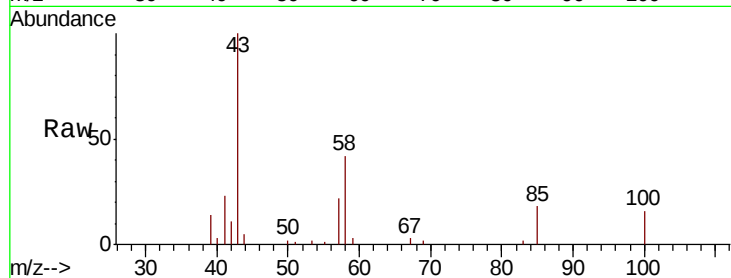




#58
4-Methyl-2-Pentanone
Concen: 3.206 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013163.D
Acq: 21 Oct 2019 19:37

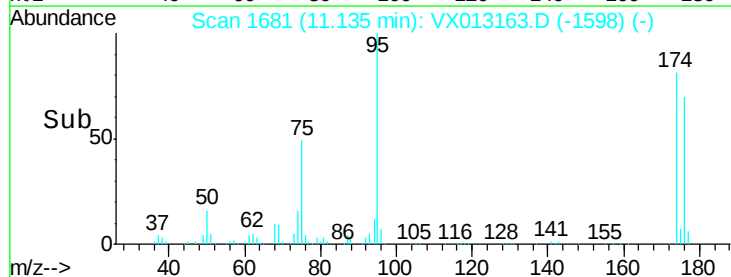
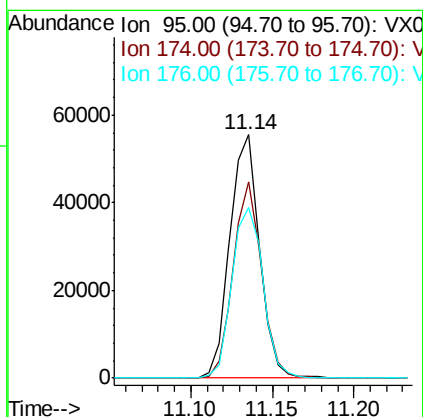
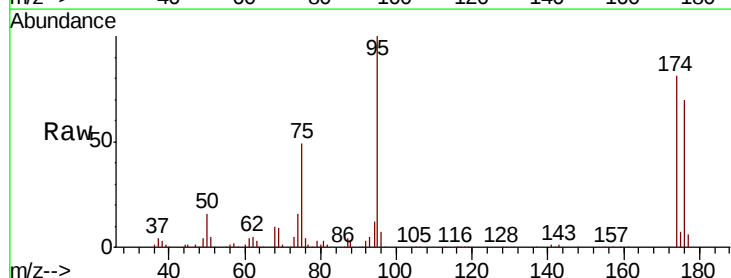
Instrument :
MSVOA_X
ClientSampleId :
OF-2

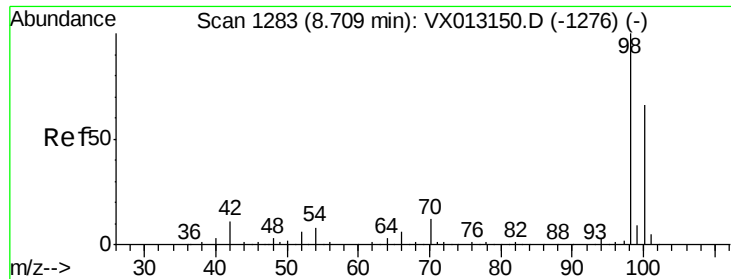
Tot Ion: 43 Resp: 7891
Ion Ratio Lower Upper
43 100
58 43.4 33.8 50.8
85 20.9 16.8 25.2



#60
4-Bromofluorobenzene
Concen: 27.719 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013163.D
Acq: 21 Oct 2019 19:37

Tgt Ion: 95 Resp: 70508
Ion Ratio Lower Upper
95 100
174 77.3 60.0 90.0
176 73.4 58.5 87.7





#63

Toluene-d8

Concen: 30.303 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013163.D

Acq: 21 Oct 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

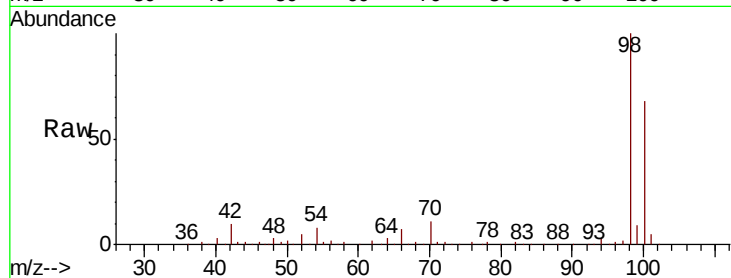
OF-2

Tot Ion: 98 Resp: 196885

Ion Ratio Lower Upper

98 100

100 68.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

