

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015279.D
 Acq On : 14 Mar 2020 00:22
 Operator : JC/SP
 Sample : L1929-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: Mar 16 09:50:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	52041	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.85	114	273859	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	251607	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	106802	30.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.40%
60) 4-Bromofluorobenzene	11.13	95	101176	25.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	84.20%
63) Toluene-d8	8.71	98	329499	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

Target Compounds

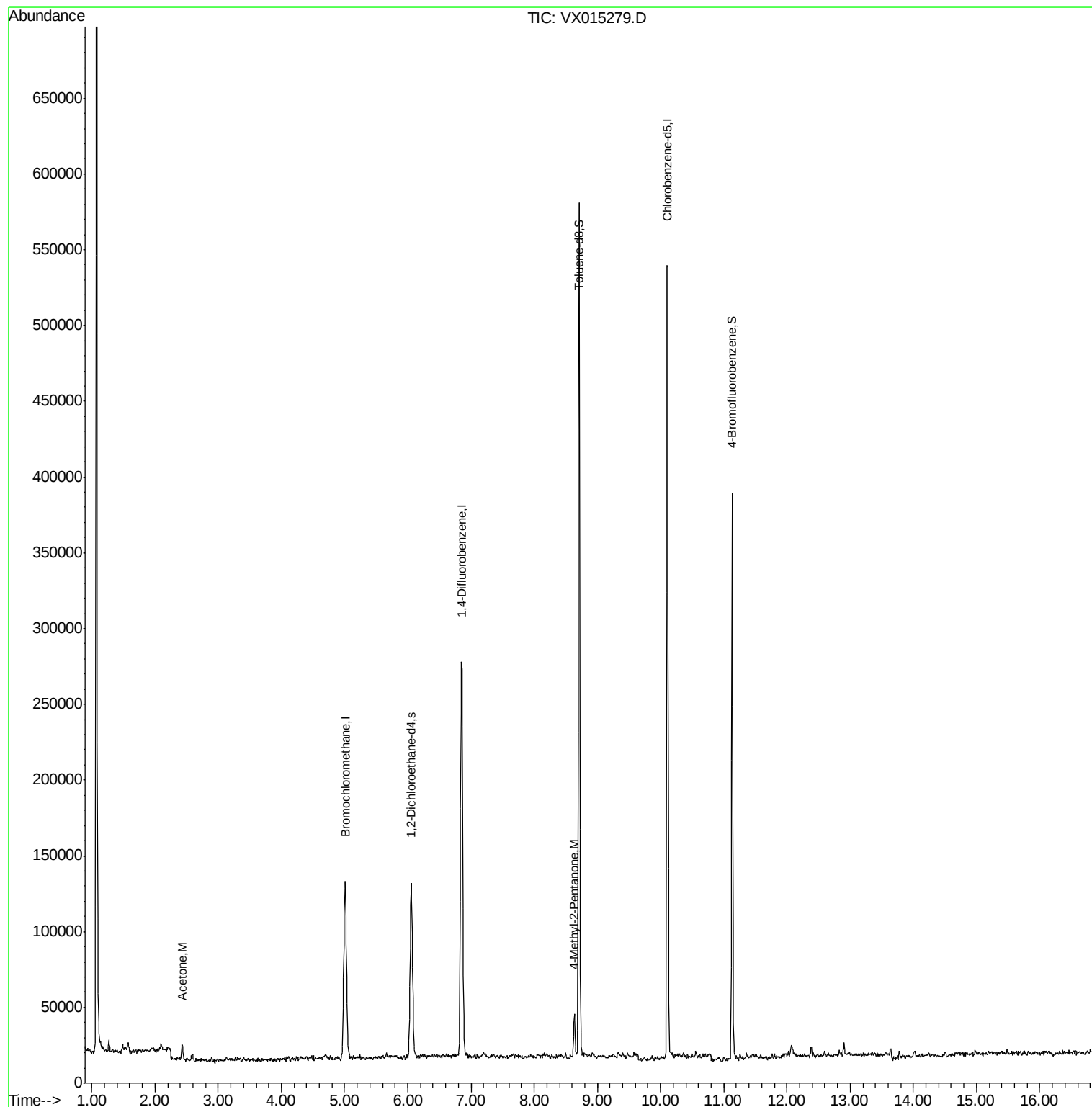
					Ovalue
15) Acetone	2.43	58	3600	7.072	ug/l 93
58) 4-Methyl-2-Pentanone	8.64	43	17781	4.151	ug/l 98

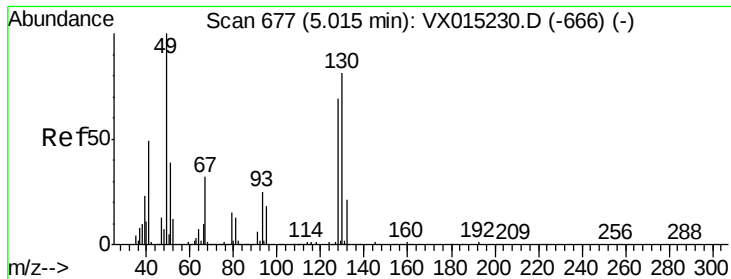
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015279.D

Acq: 14 Mar 2020 00:22

Instrument :

MSVOA_X

ClientSampleId :

OF-1

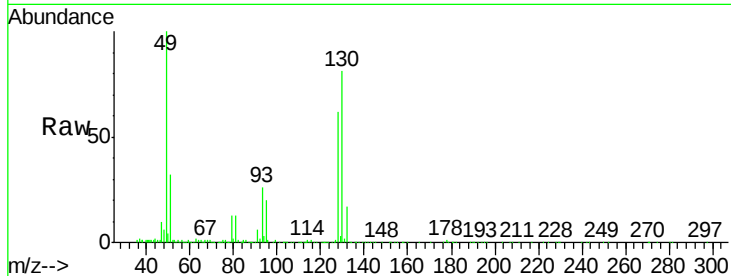
Tot Ion:128 Resp: 52041

Ion Ratio Lower Upper

128 100

49 165.7 0.0 406.8

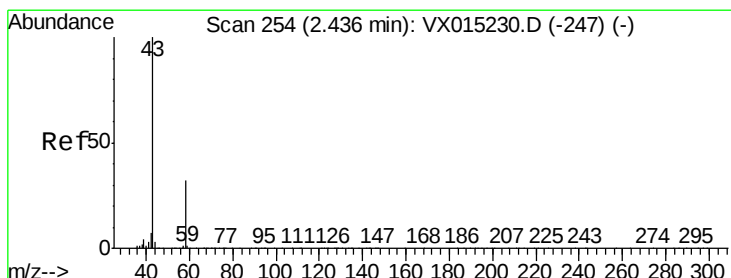
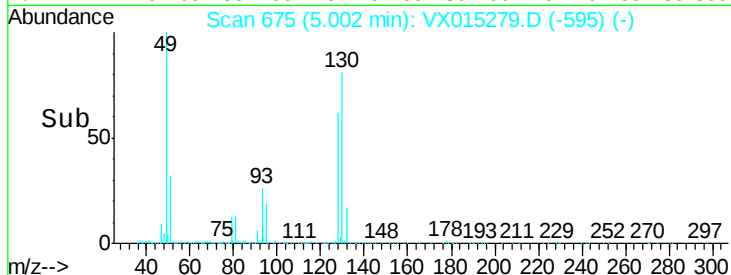
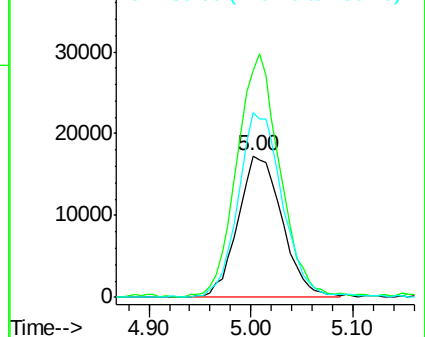
130 127.1 0.0 319.3



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: 7.072 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015279.D

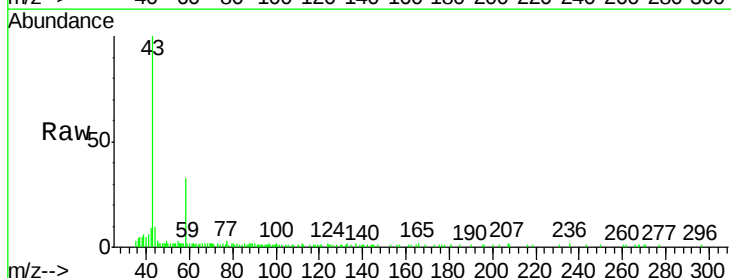
Acq: 14 Mar 2020 00:22

Tgt Ion: 58 Resp: 3600

Ion Ratio Lower Upper

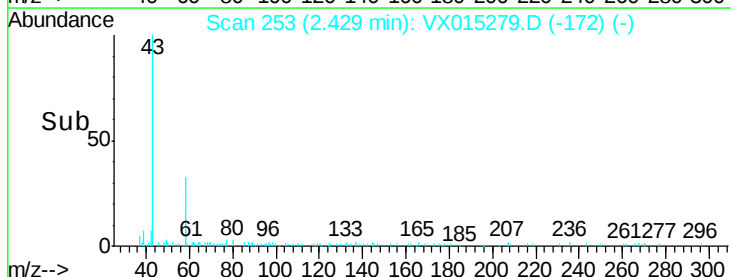
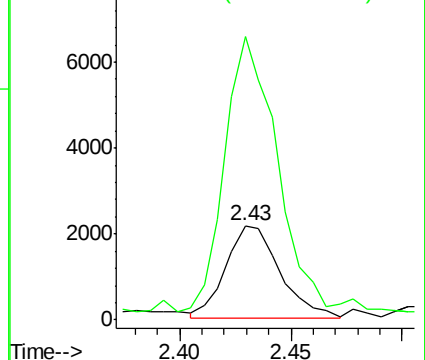
58 100

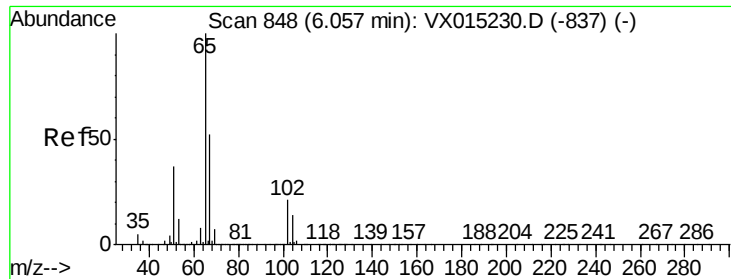
43 296.9 248.7 373.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

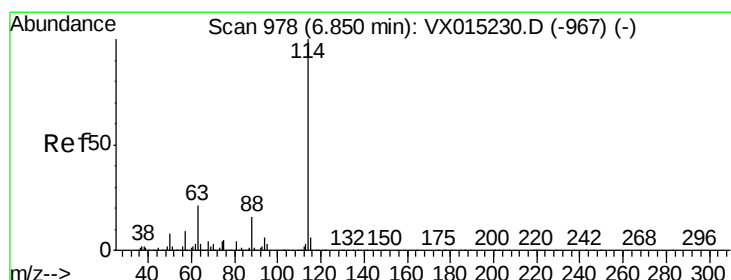
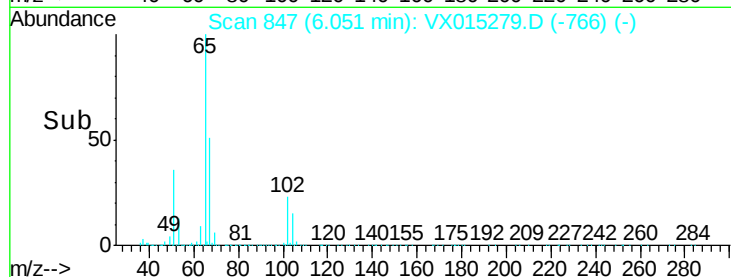
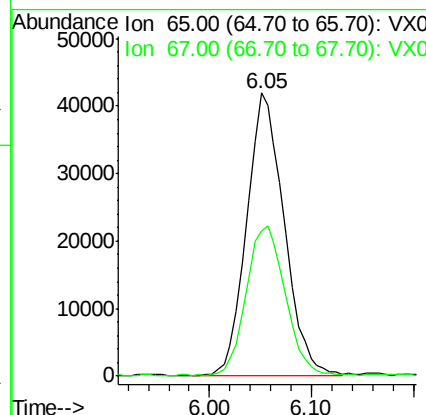
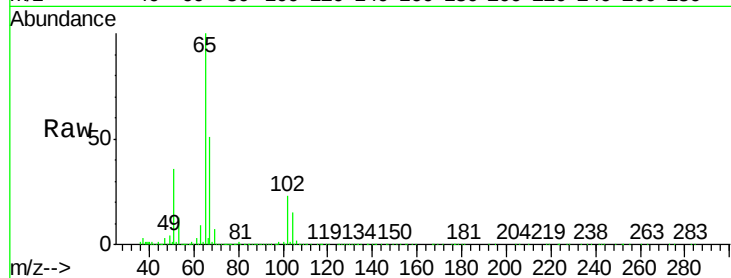




#27
 1,2-Dichloroethane-d4
 Concen: 30.422 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015279.D
 Acq: 14 Mar 2020 00:22

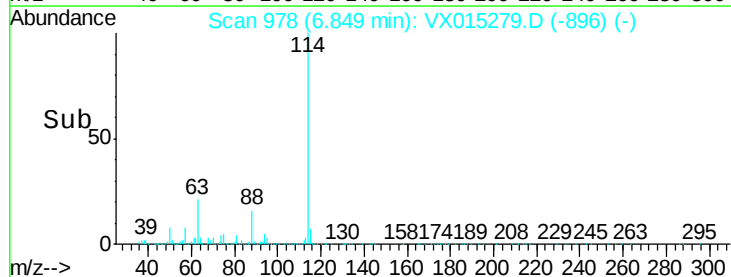
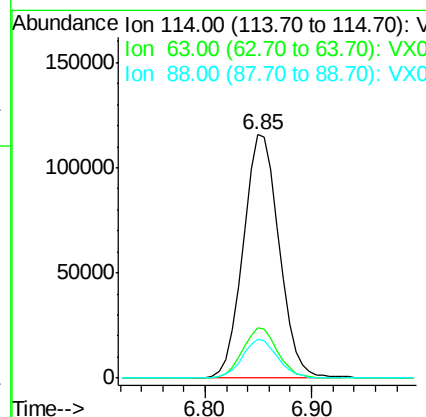
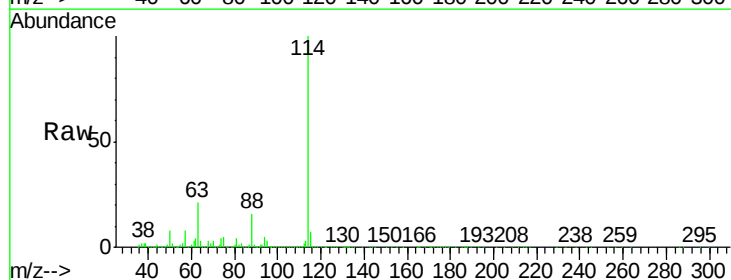
Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

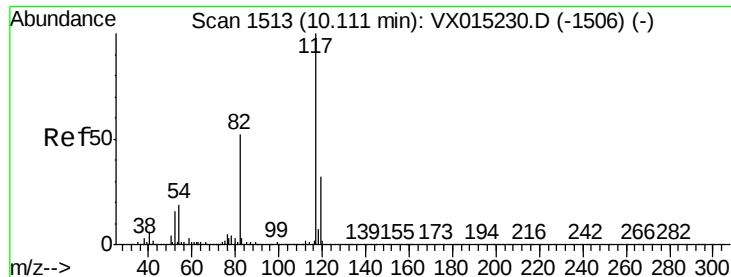
Tot Ion: 65 Resp: 106802
 Ion Ratio Lower Upper
 65 100
 67 54.5 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015279.D
 Acq: 14 Mar 2020 00:22

Tgt Ion: 114 Resp: 273859
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.6 24.8
 88 15.6 12.6 19.0

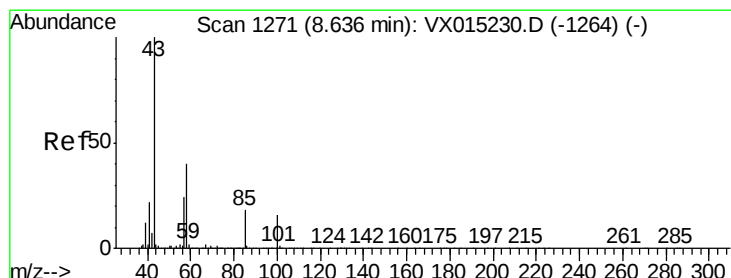
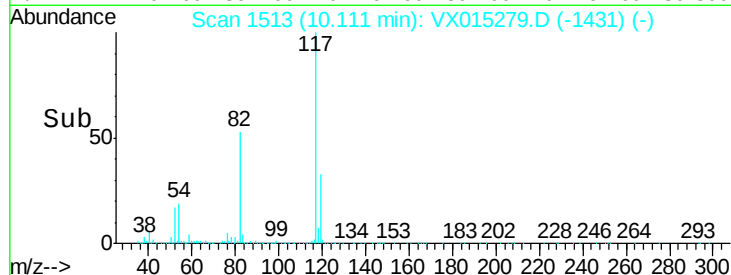
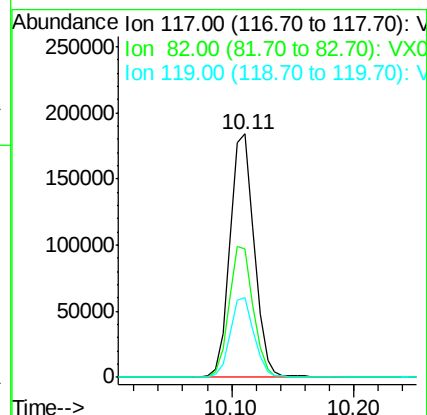
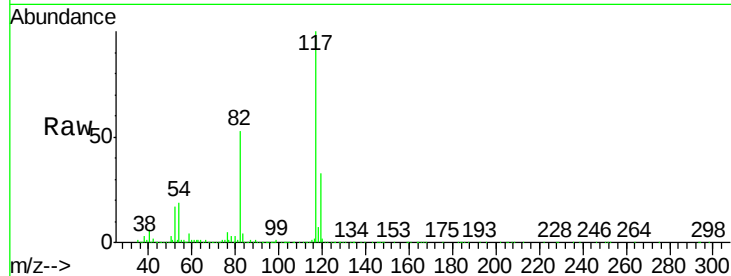




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015279.D
Acq: 14 Mar 2020 00:22

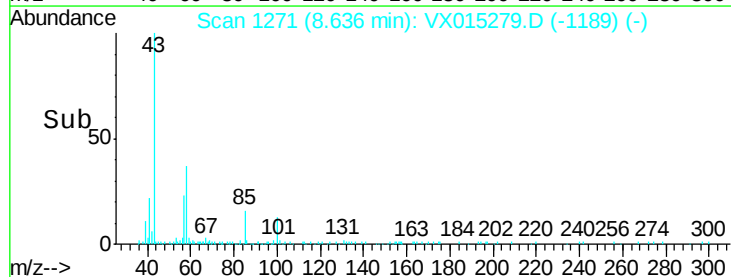
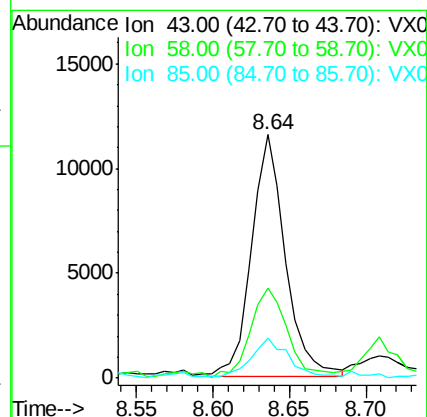
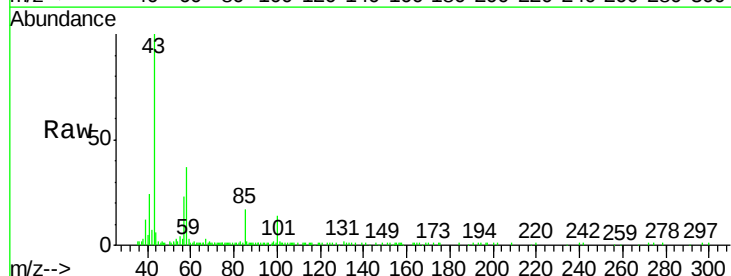
Instrument :
MSVOA_X
ClientSampleId :
OF-1

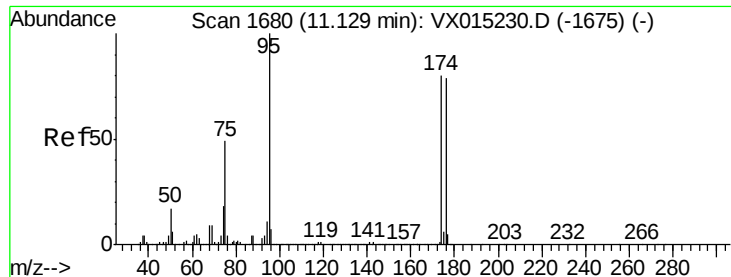
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.2	64.8
119	32.3	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 4.151 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015279.D
Acq: 14 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.1	31.6	47.4
85	17.5	13.8	20.8

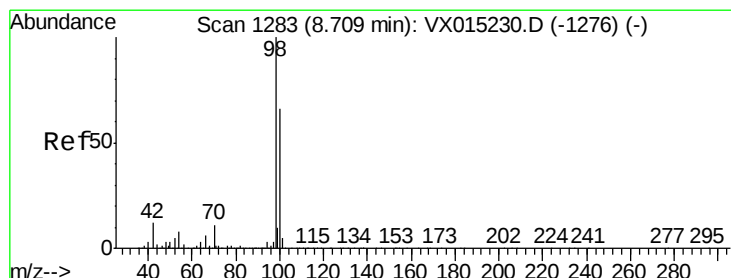
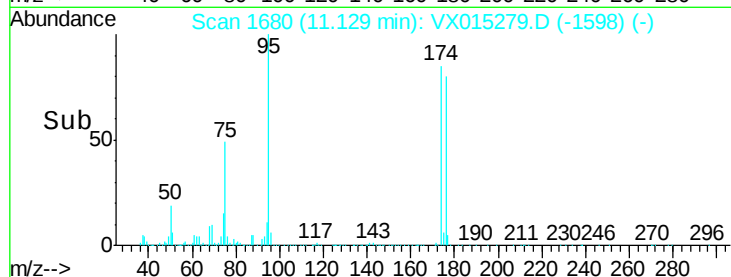
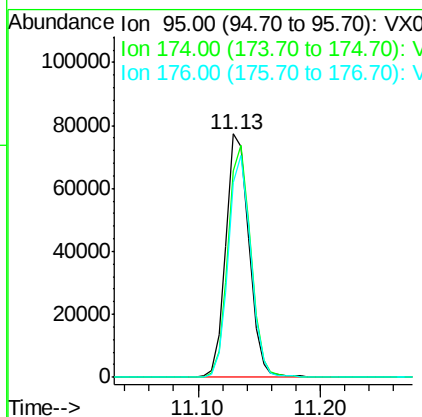
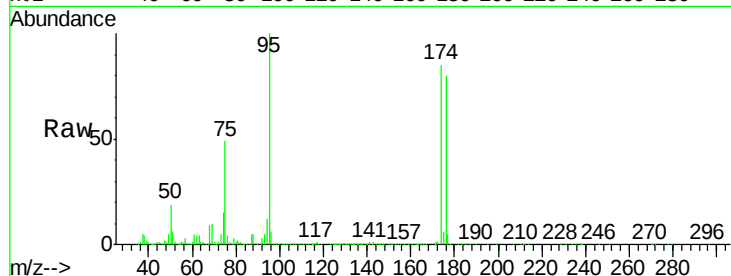




#60
4-Bromofluorobenzene
Concen: 25.261 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015279.D
Acq: 14 Mar 2020 00:22

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tot Ion: 95 Resp: 101176
Ion Ratio Lower Upper
95 100
174 93.3 72.0 108.0
176 87.9 70.1 105.1



#63
Toluene-d8
Concen: 30.573 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015279.D
Acq: 14 Mar 2020 00:22

Tgt Ion: 98 Resp: 329499
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

