

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015056.D
 Acq On : 28 Feb 2020 12:11
 Operator : JC/SP
 Sample : L1691-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Manual Integrations
 APPROVED

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Quant Time: Mar 02 11:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	67857	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	360768	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	328583	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	139930	29.66	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	98.87%		
60) 4-Bromofluorobenzene	11.13	95	147074	28.74	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	95.80%		
63) Toluene-d8	8.71	98	426273	29.75	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	99.17%		
Target Compounds						
15) Acetone	2.43	58	11838	16.501	ug/l	96
58) 4-Methyl-2-Pentanone	8.64	43	32993	6.127	ug/l	96
64) Chlorobenzene	10.14	112	5135m	0.478	ug/l	

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

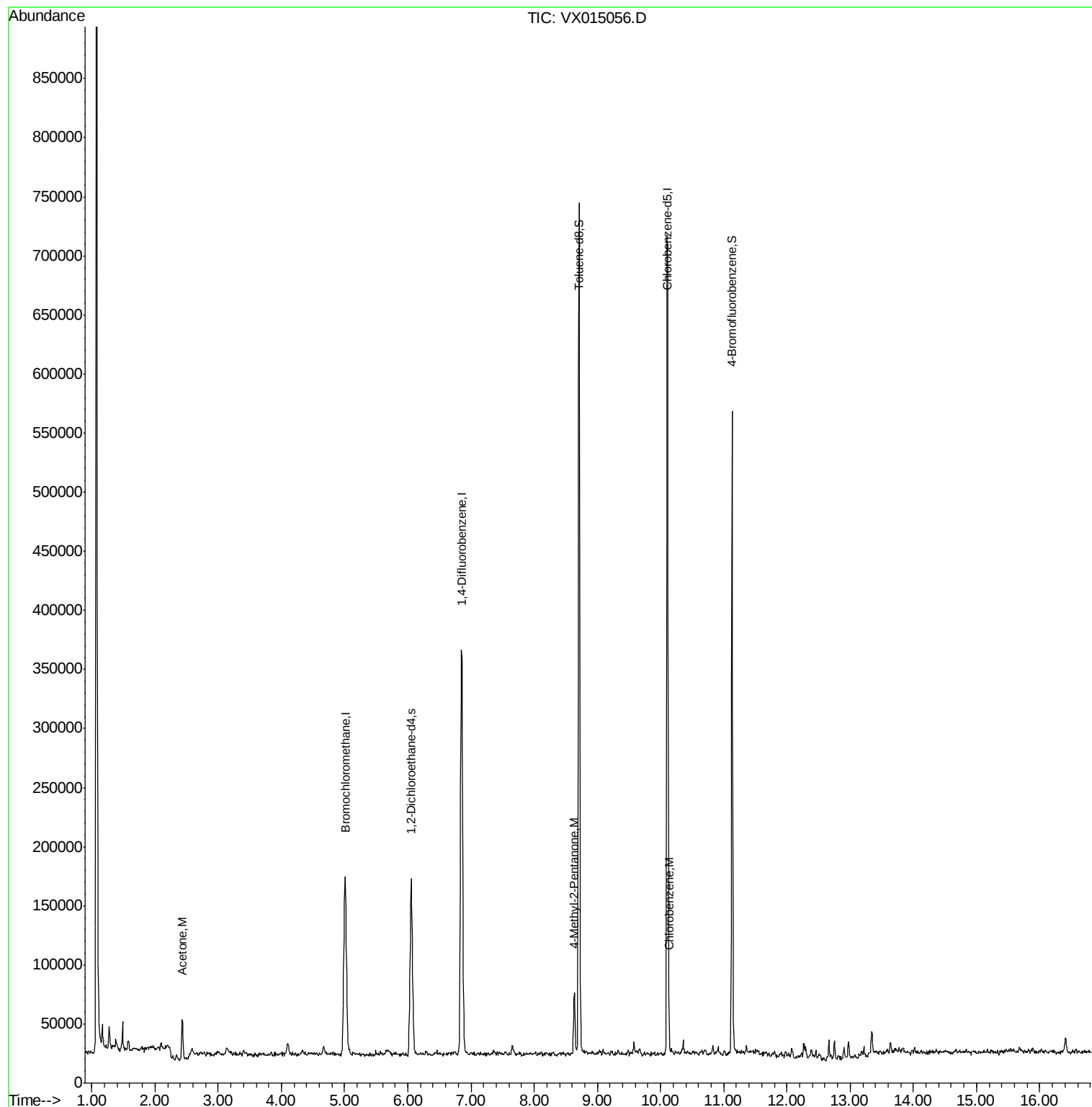
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022820\
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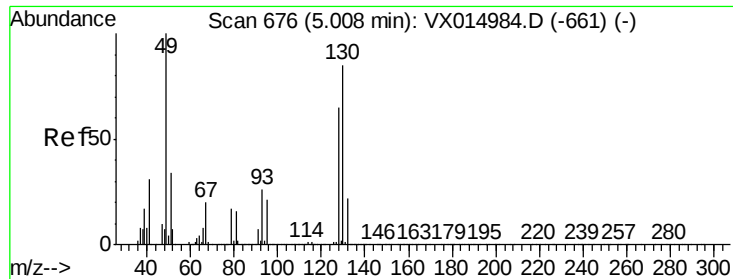
Instrument :
MSVOA_X
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OF-1

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#1

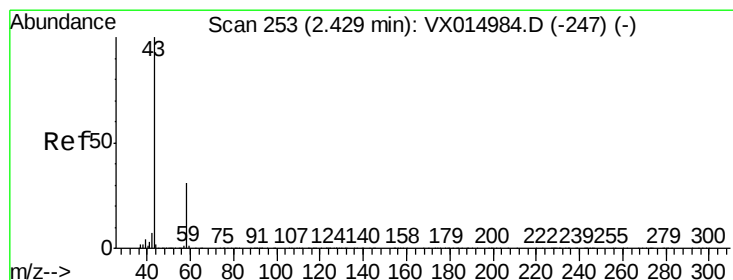
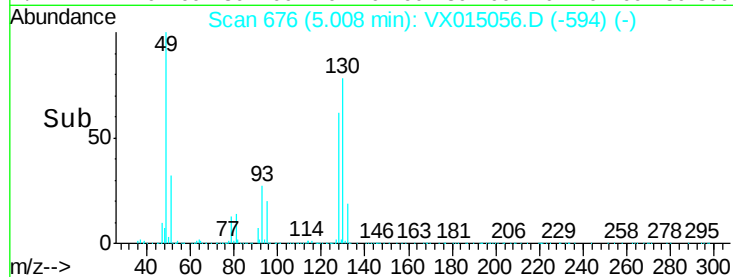
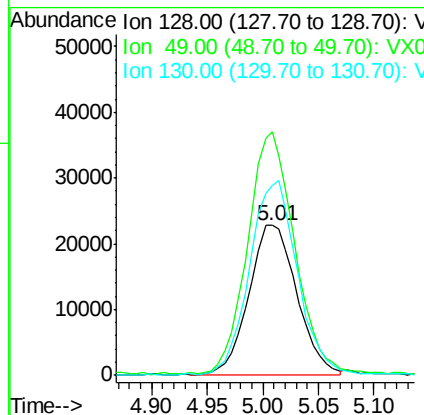
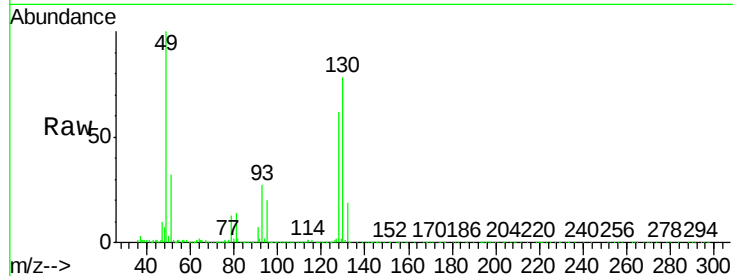
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Instrument :
MSVOA_X
ClientSampled :
OF-1

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.2	0.0	384.7
130	131.6	0.0	330.8

Manual Integrations
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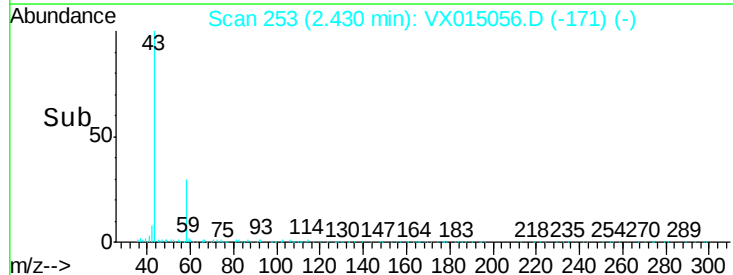
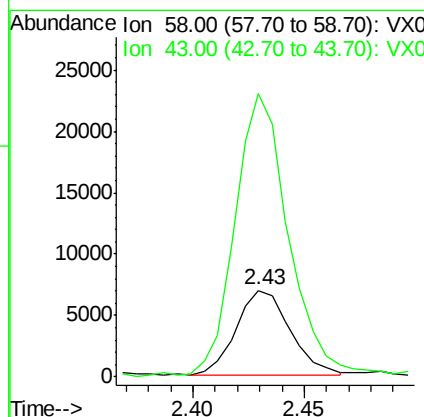
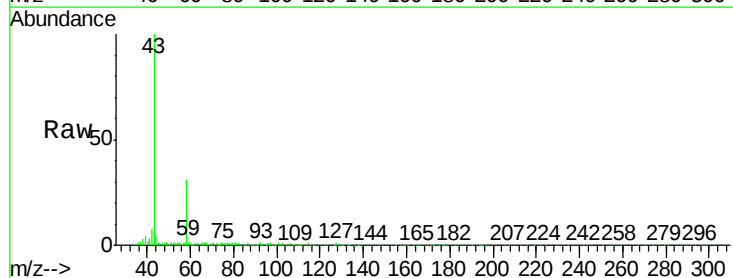
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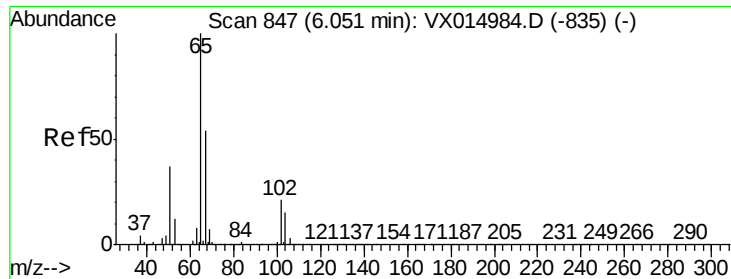


#15

Acetone
Concen: 16.501 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Tgt Ion	Ratio	Lower	Upper
58	100		
43	331.3	257.7	386.5





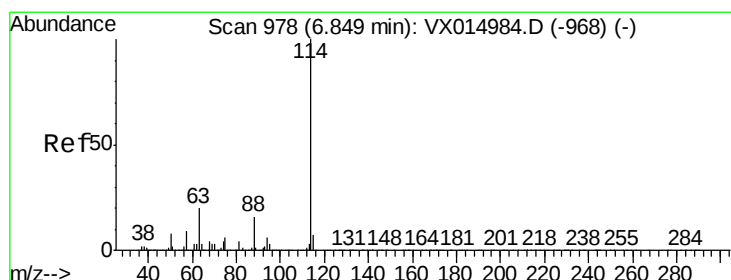
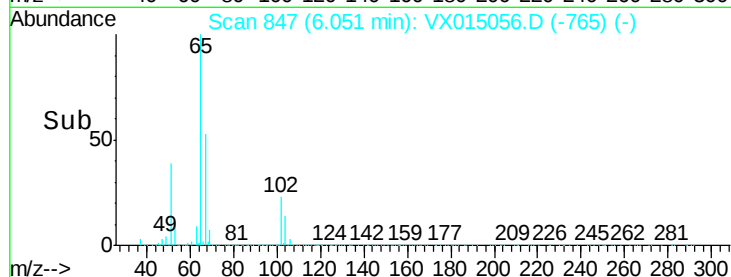
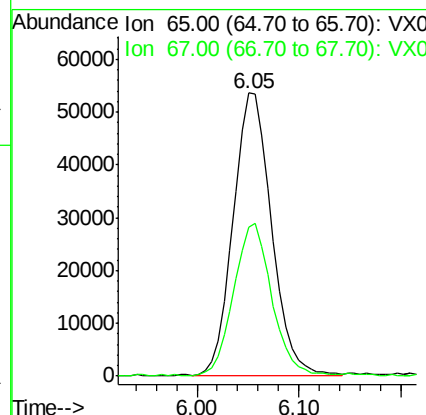
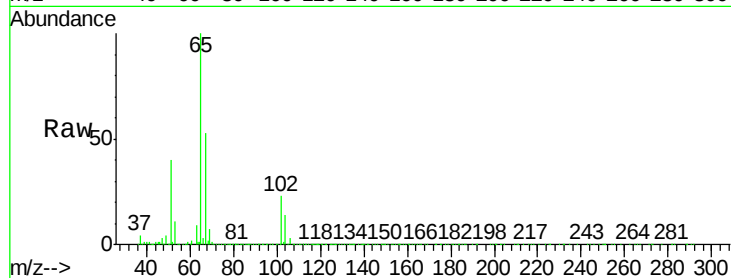
#27
 1,2-Dichloroethane-d4
 Concen: 29.656 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015056.D
 Acq: 28 Feb 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	41.9	62.9

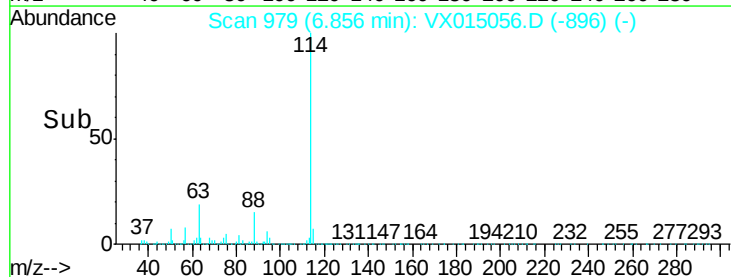
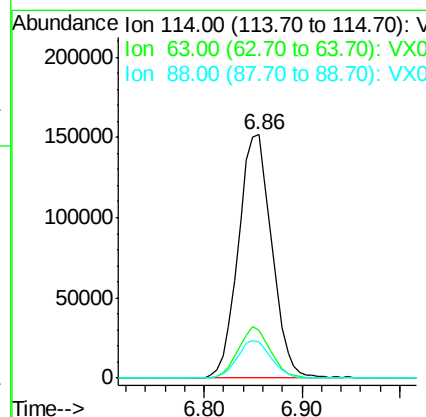
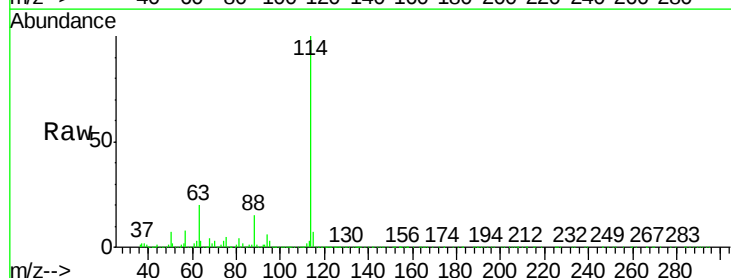
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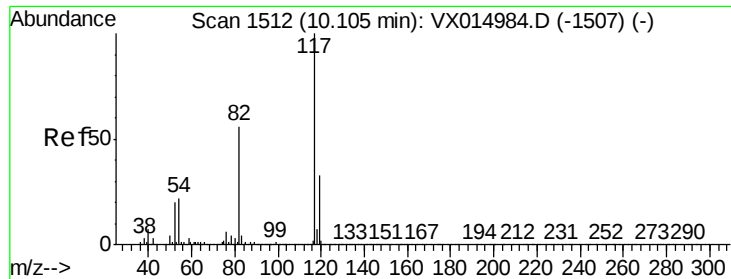
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015056.D
 Acq: 28 Feb 2020 12:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.6	23.4
88	15.8	12.2	18.2





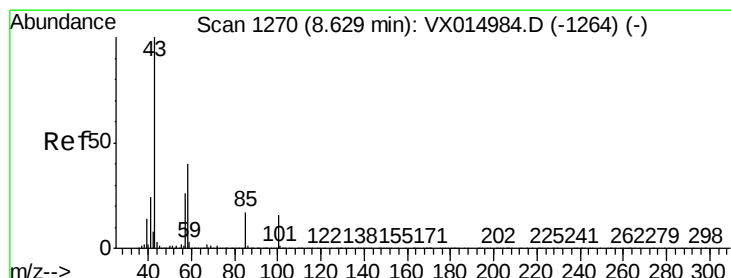
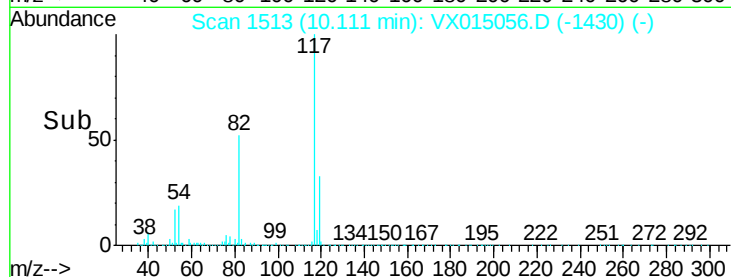
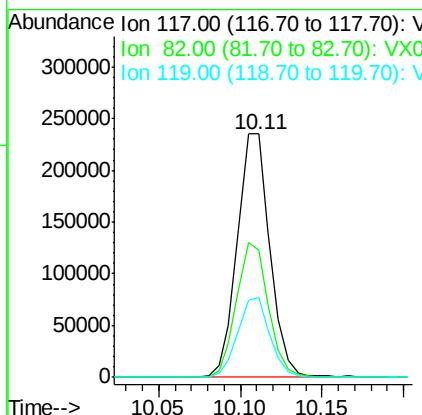
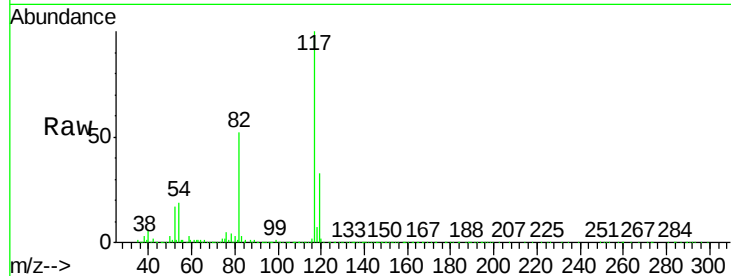
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.0	43.4	65.2
119	32.4	26.0	39.0

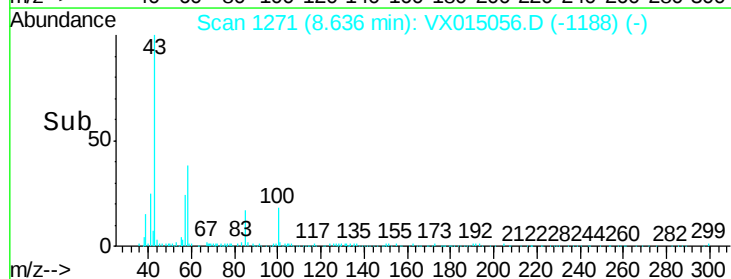
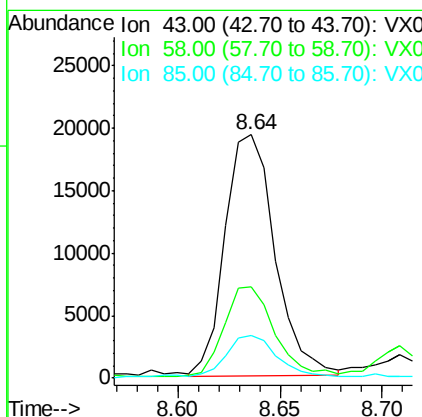
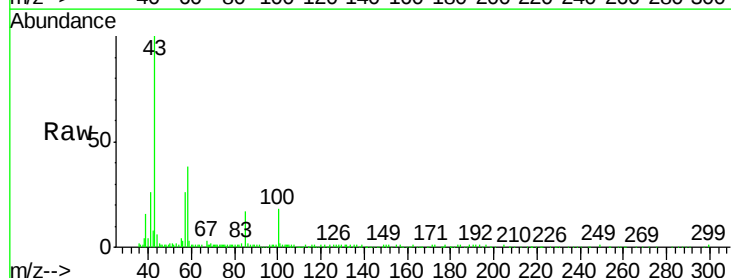
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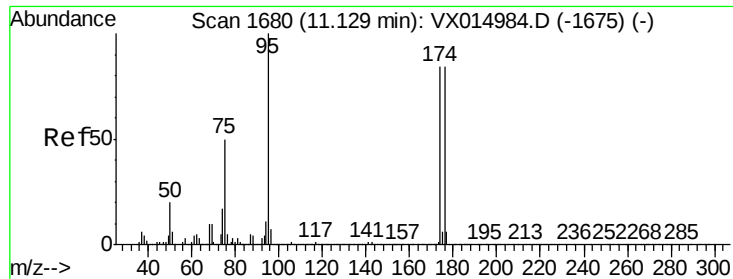
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#58
4-Methyl-2-Pentanone
Concen: 6.127 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	37.3	31.7	47.5
85	16.4	14.4	21.6





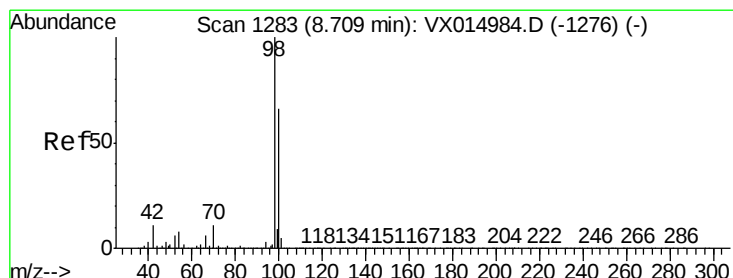
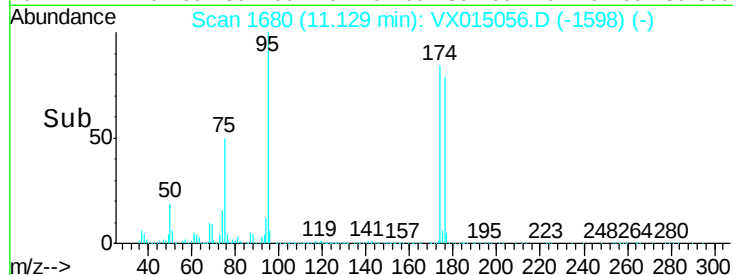
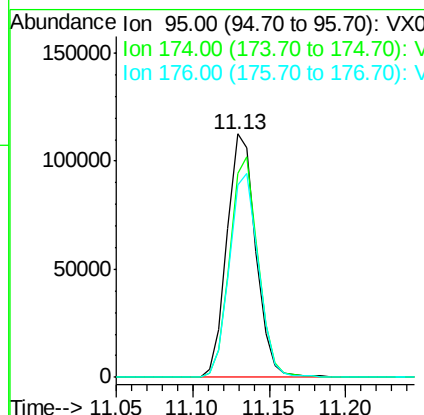
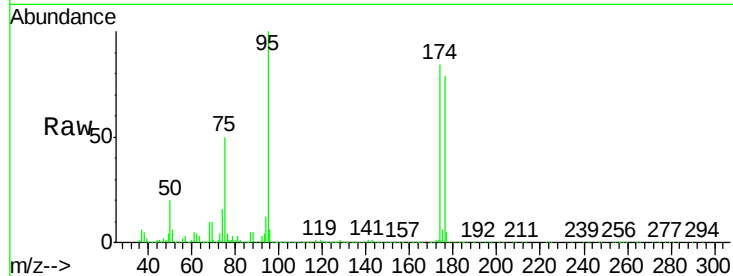
#60
4-Bromofluorobenzene
Concen: 28.738 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tot Ion	Ratio	Lower	Upper
95	100		
174	88.7	72.3	108.5
176	84.7	72.0	108.0

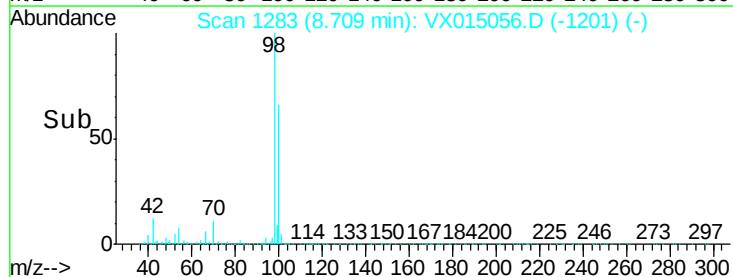
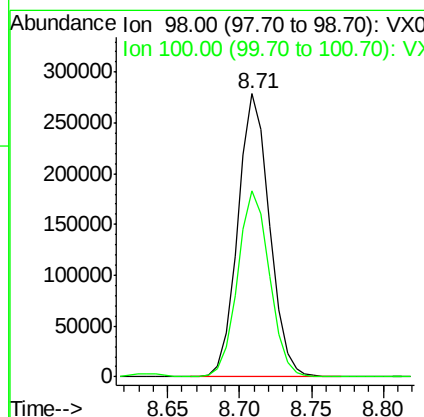
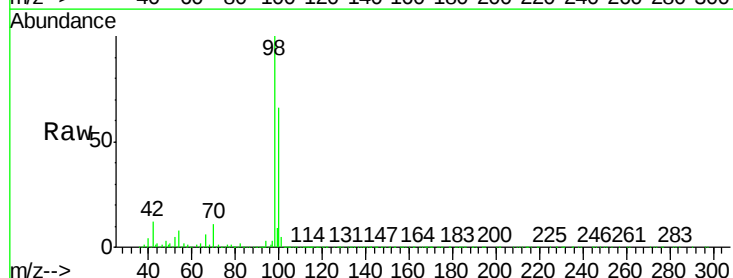
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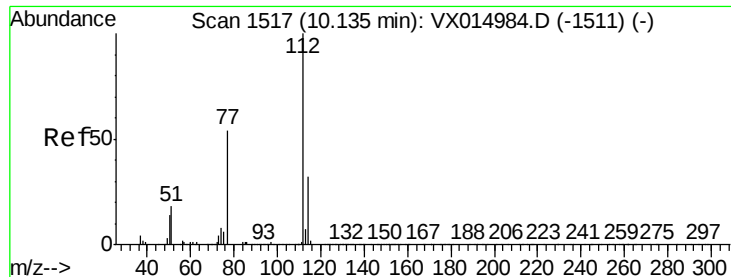
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#63
Toluene-d8
Concen: 29.749 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.8	79.2





#64
Chlorobenzene
Concen: 0.478 ug/l m
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015056.D
Acq: 28 Feb 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tot Ion	Ratio	Resp Lower	Upper
112	100		
114	25.5	25.8	38.6#

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