

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010220\
 Data File : VL034548.D
 Acq On : 2 Jan 2020 16:00
 Operator : SY/AP
 Sample : K6473-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MJ-1DL

Manual Integrations
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Quant Time: Jan 03 05:43:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 3
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1041837	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2024872	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1966504	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1644092	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	24005	0.502	ppbv #	70
13) Ethanol	3.57	45	1028844	77.480	ppbv	100
15) Acetone	3.83	43	114871	0.755	ppbv	100
19) Isopropyl Alcohol	3.95	45	54447	0.553	ppbv #	89
34) 2-Butanone	5.25	43	17240m	0.119	ppbv	

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

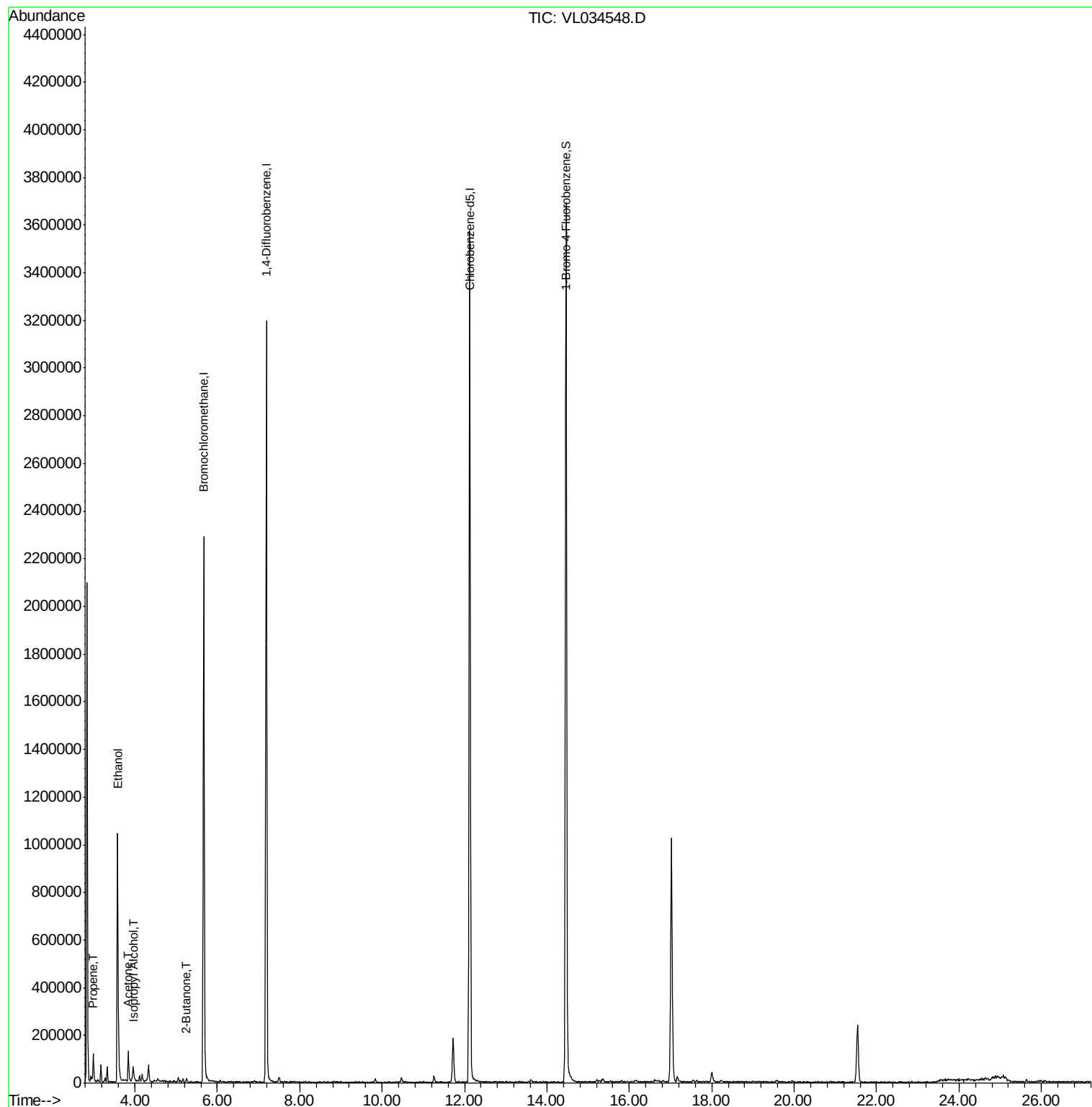
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL010220\
Data File : VL034548.D
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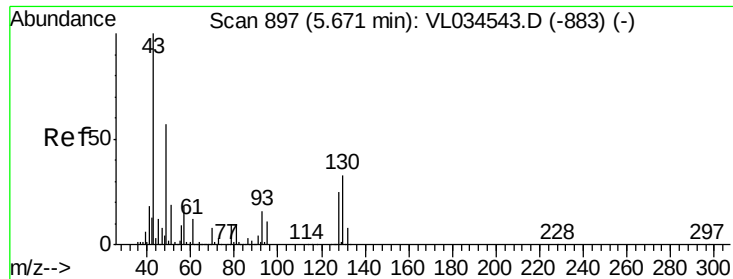
Instrument :
MSVOA_L
ClientSampleId :
MJ-1DL

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
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#1

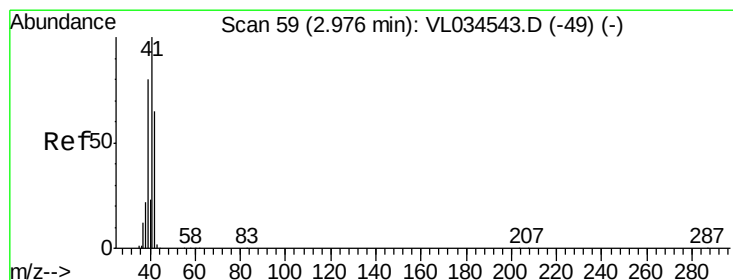
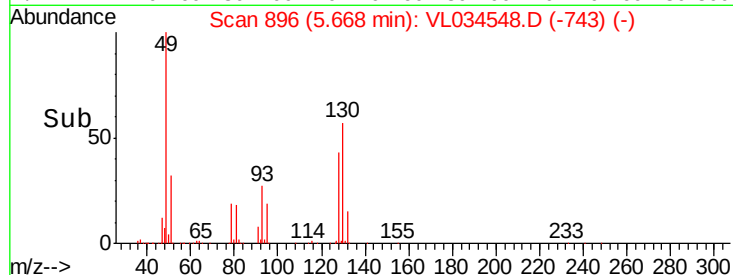
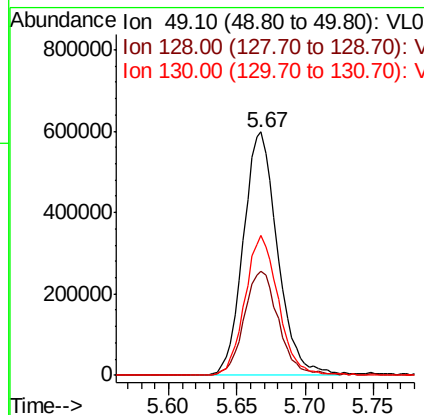
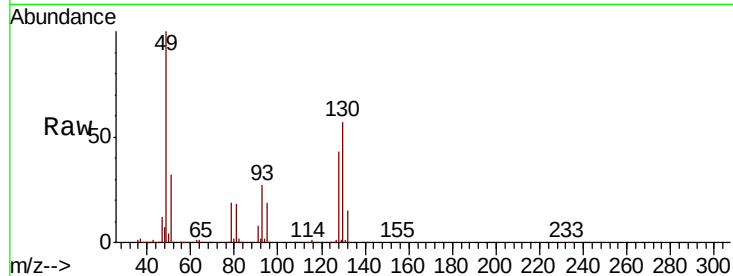
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: VL034548.D
 Acq: 2 Jan 2020 16:00

Instrument :
 MSVOA_L
 ClientSampled :
 MJ-1DL

Tot Ion: 49 Resp: 1041837
 Ion Ratio Lower Upper
 49 100
 128 43.6 22.4 67.2
 130 56.7 28.3 85.0

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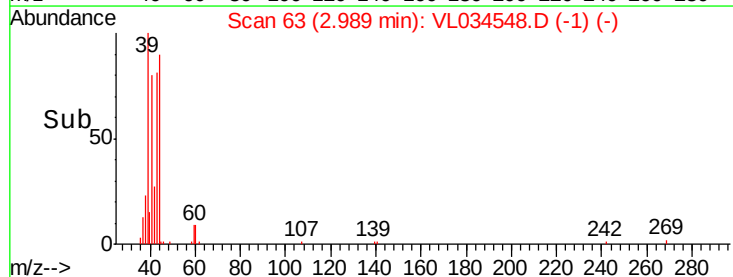
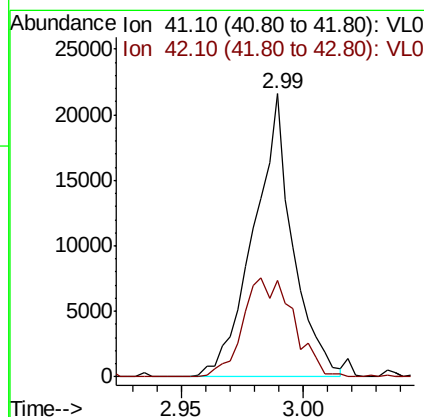
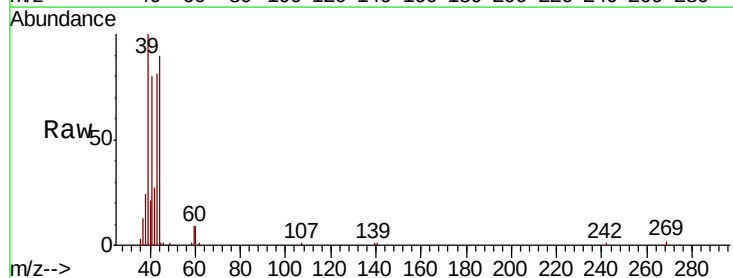
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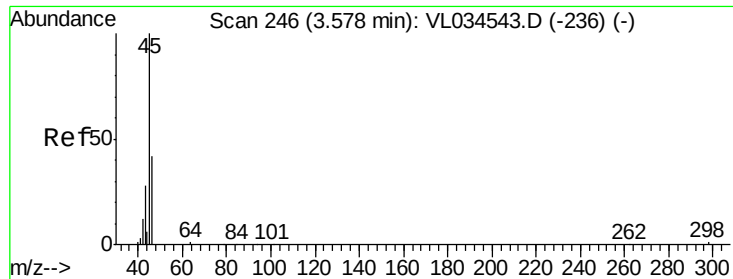


#9

Propene
 Concen: 0.502 ppbv
 RT: 2.99 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: VL034548.D
 Acq: 2 Jan 2020 16:00

Tgt Ion: 41 Resp: 24005
 Ion Ratio Lower Upper
 41 100
 42 45.4 55.8 83.6#





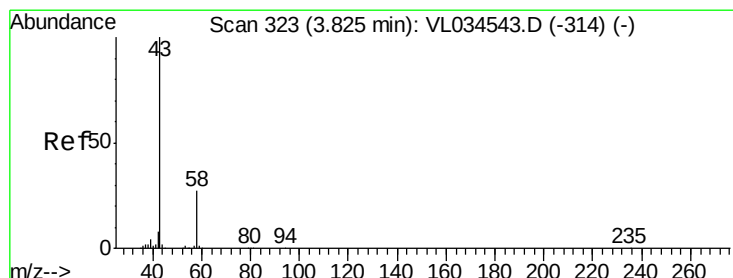
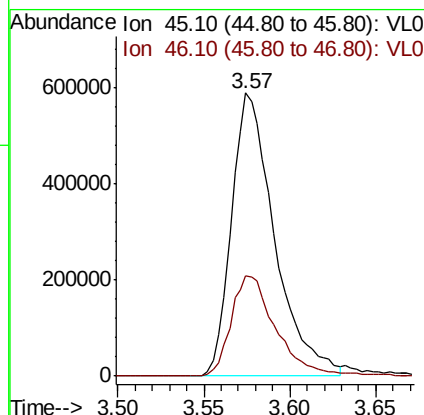
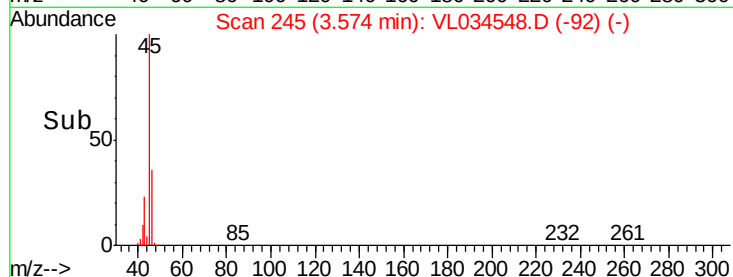
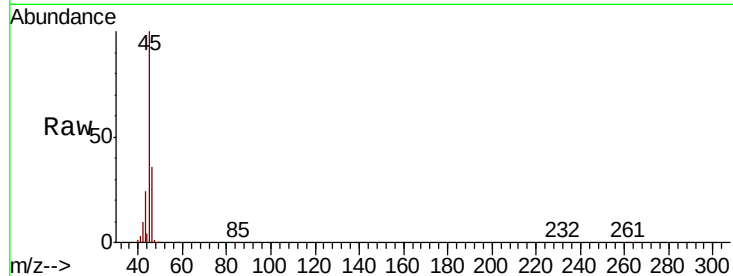
#13
Ethanol
Concen: 77.480 ppbv
RT: 3.57 min Scan# 245
Delta R.T. -0.01 min
Lab File: VL034548.D
Acq: 2 Jan 2020 16:00

Instrument :
MSVOA_L
ClientSampled :
MJ-1DL

Tot Ion: 45 Resp: 1028844
Ion Ratio Lower Upper
45 100
46 37.4 14.9 59.7

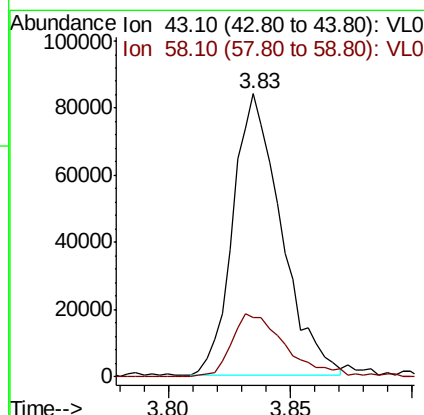
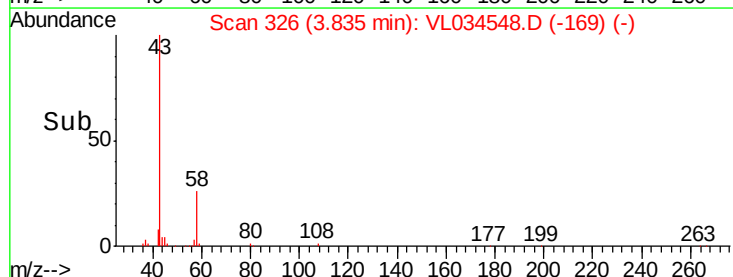
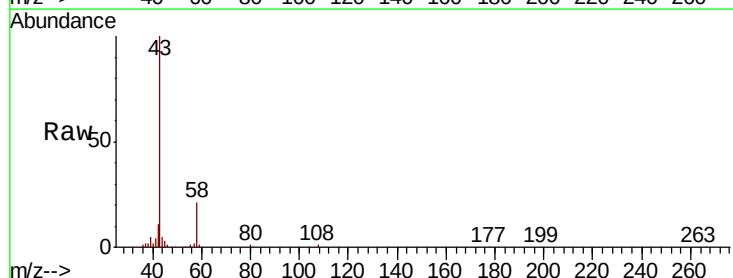
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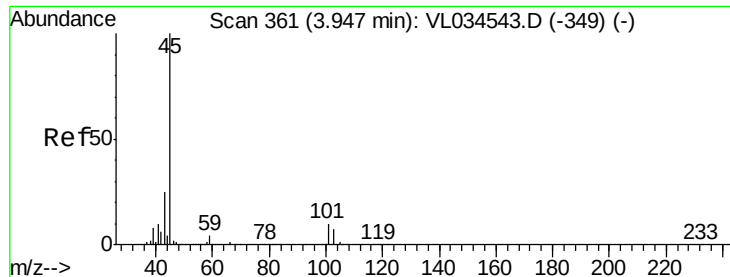
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#15
Acetone
Concen: 0.755 ppbv
RT: 3.83 min Scan# 326
Delta R.T. 0.01 min
Lab File: VL034548.D
Acq: 2 Jan 2020 16:00

Tgt Ion: 43 Resp: 114871
Ion Ratio Lower Upper
43 100
58 25.7 20.4 30.6





#19

Isopropyl Alcohol

Concen: 0.553 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VL034548.D

Acq: 2 Jan 2020 16:00

Instrument :

MSVOA_L

ClientSampleId :

MJ-1DL

Tot Ion: 45 Resp: 54447

Ion Ratio Lower Upper

45 100

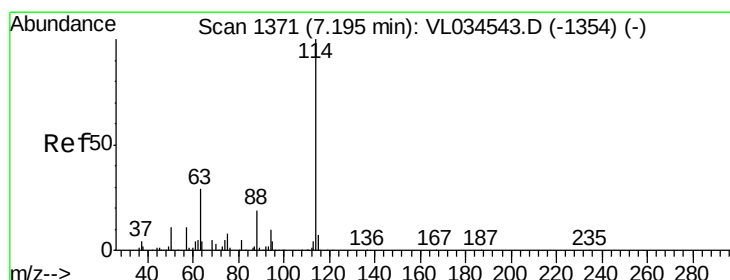
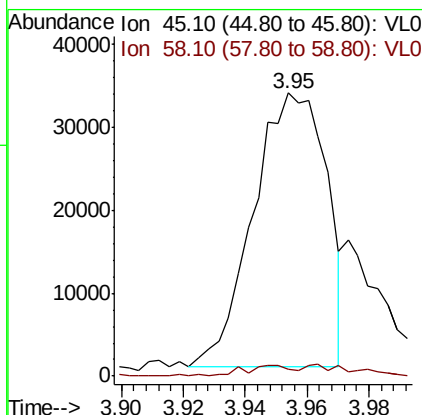
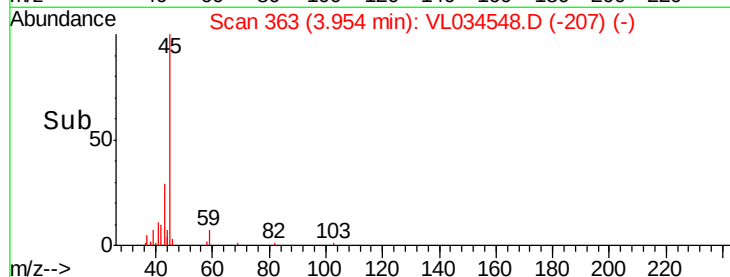
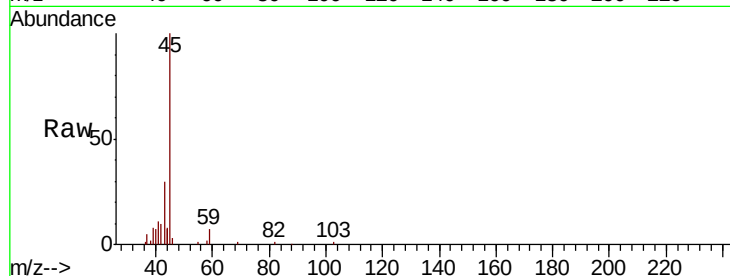
58 5.6 1.4 2.0#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VL034548.D

Acq: 2 Jan 2020 16:00

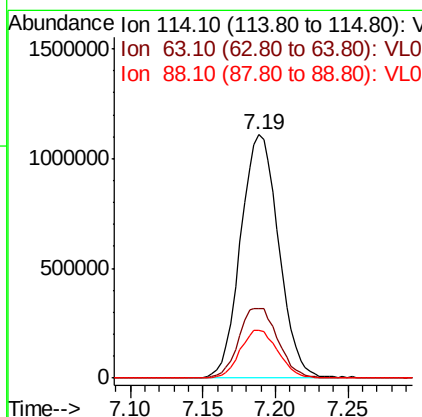
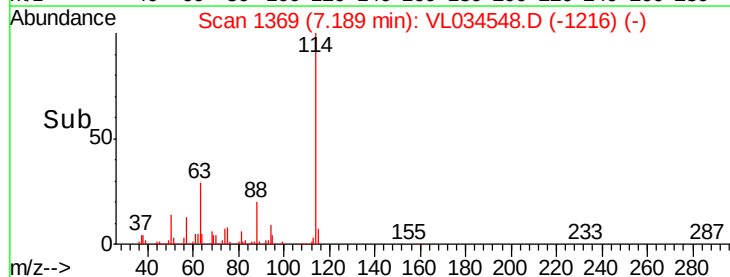
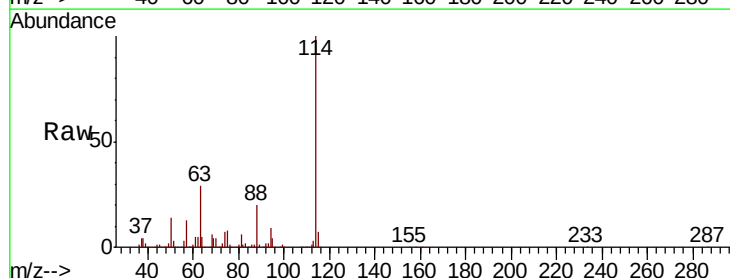
Tgt Ion: 114 Resp: 2024872

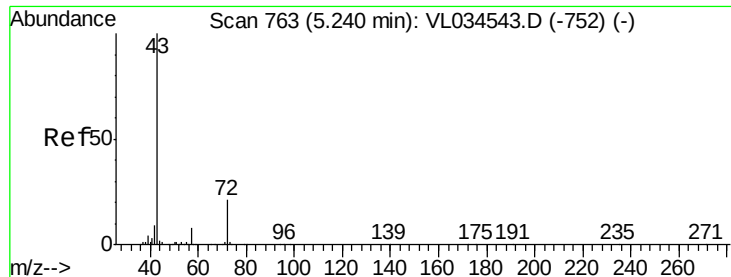
Ion Ratio Lower Upper

114 100

63 29.7 24.1 36.1

88 19.7 15.7 23.5





#34

2-Butanone

Concen: 0.119 ppbv m

RT: 5.25 min Scan# 766

Delta R.T. 0.01 min

Lab File: VL034548.D

Acq: 2 Jan 2020 16:00

Instrument :

MSVOA_L

ClientSampled :

MJ-1DL

Tot Ion: 43 Resp: 17240

Ion Ratio Lower Upper

43 100

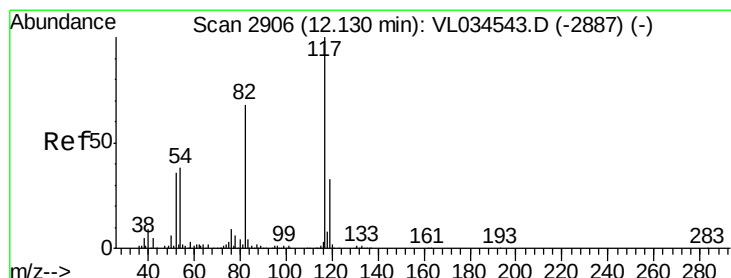
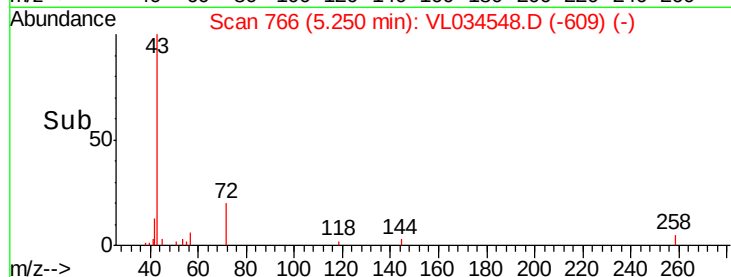
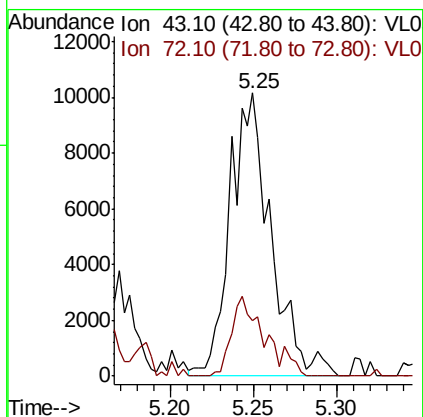
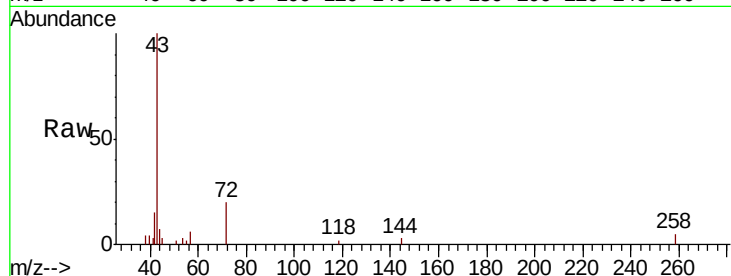
72 23.4 17.0 25.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. -0.01 min

Lab File: VL034548.D

Acq: 2 Jan 2020 16:00

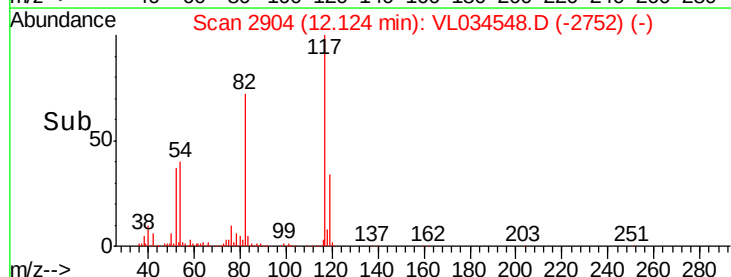
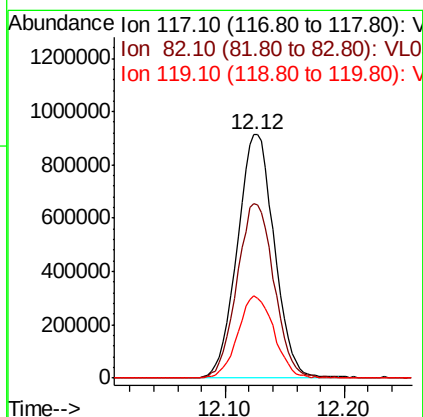
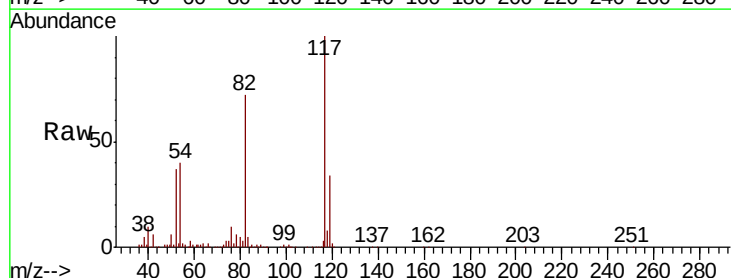
Tgt Ion: 117 Resp: 1966504

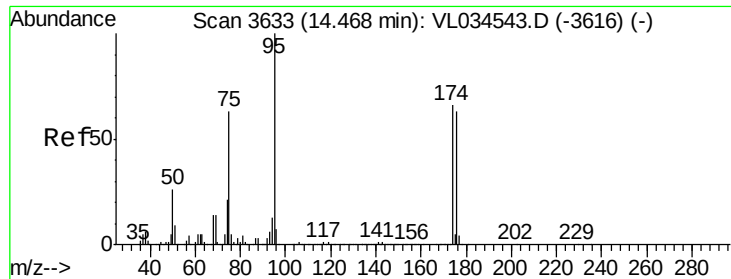
Ion Ratio Lower Upper

117 100

82 72.1 56.2 84.4

119 33.4 27.1 40.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.019 ppbv
 RT: 14.46 min Scan# 3631
 Delta R.T. -0.01 min
 Lab File: VL034548.D
 Acq: 2 Jan 2020 16:00

Instrument :
 MSVOA_L
 ClientSampleId :
 MJ-1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.1	52.4	78.6
175	4.5	3.9	5.9

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