

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034584.D
 Acq On : 4 Feb 2020 17:53
 Operator : SY/AP
 Sample : L1356-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
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Quant Time: Feb 05 06:39:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1000323	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2055002	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2103668	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1793111	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.11	50	10305	0.139	ppbv #	84
9) Propene	2.99	41	14406m	0.306	ppbv	
13) Ethanol	3.57	45	851615	67.557	ppbv	98
15) Acetone	3.83	43	115980	0.789	ppbv	95
19) Isopropyl Alcohol	3.96	45	25746m	0.300	ppbv	
20) Methylene Chloride	4.32	84	26251	0.469	ppbv #	86
26) Hexane	5.68	57	21905	0.220	ppbv #	56

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

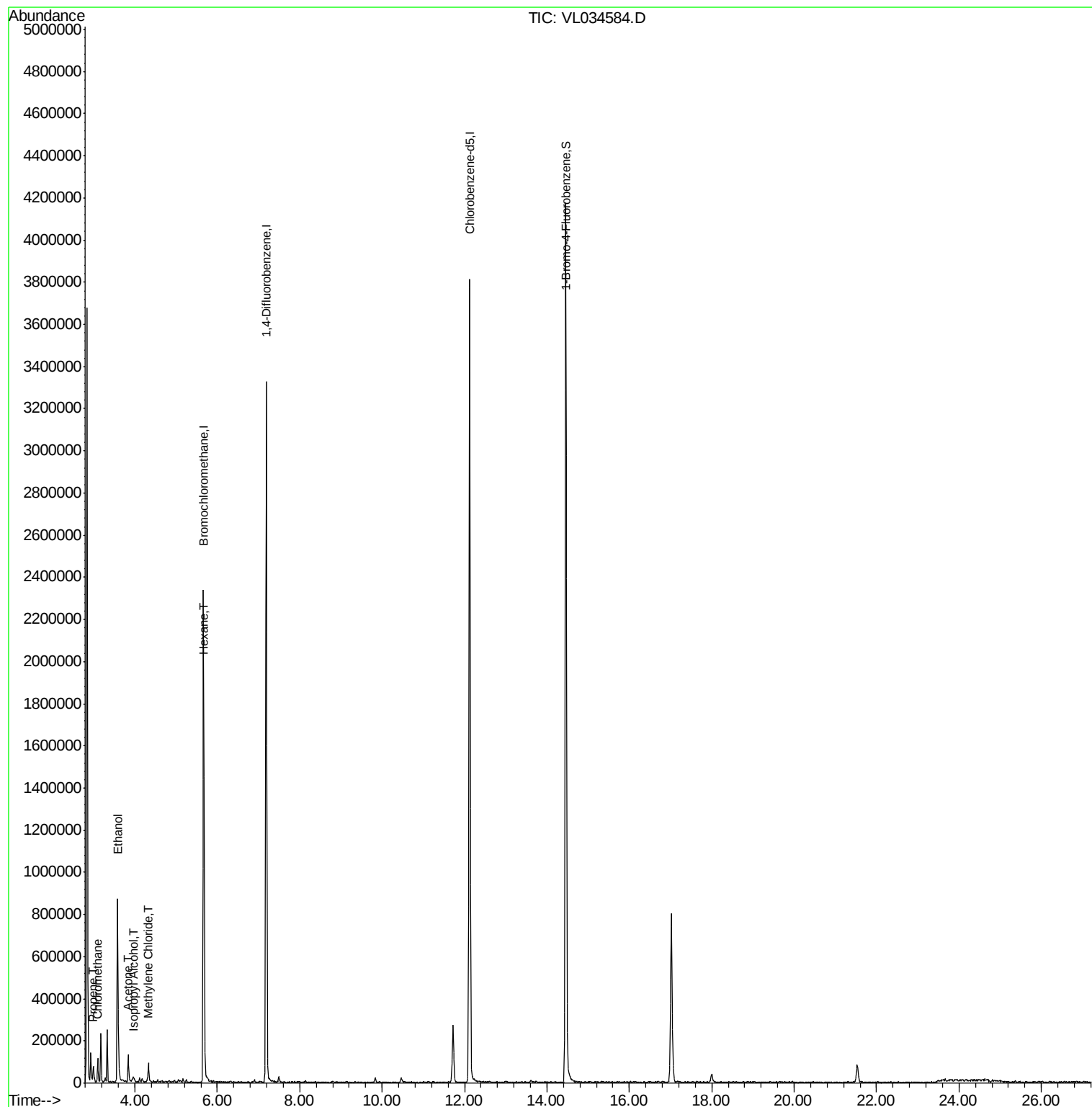
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL020420\
Data File : VL034584.D
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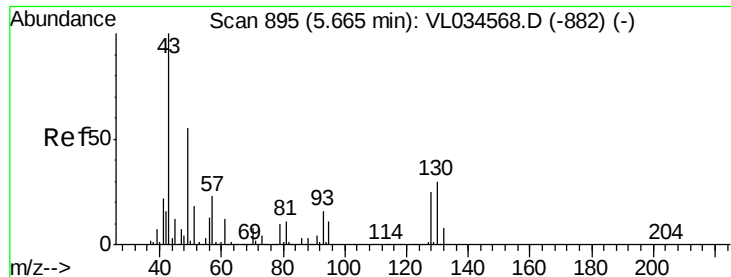
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
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QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

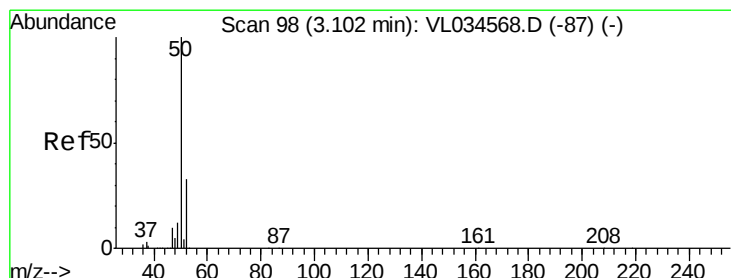
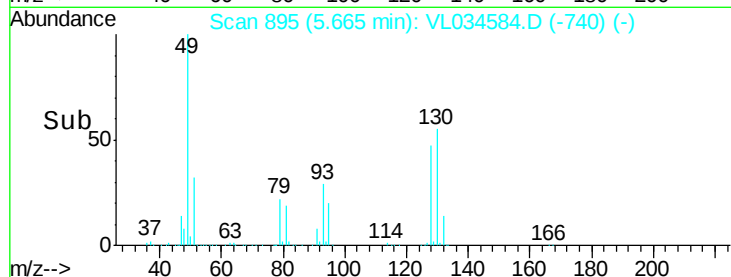
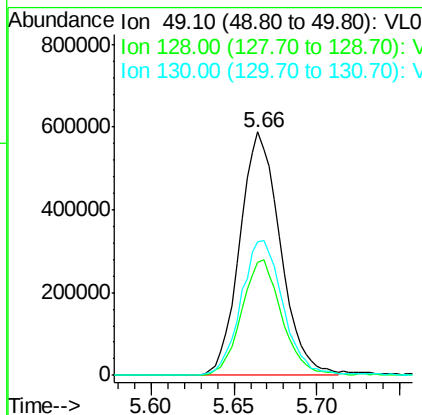
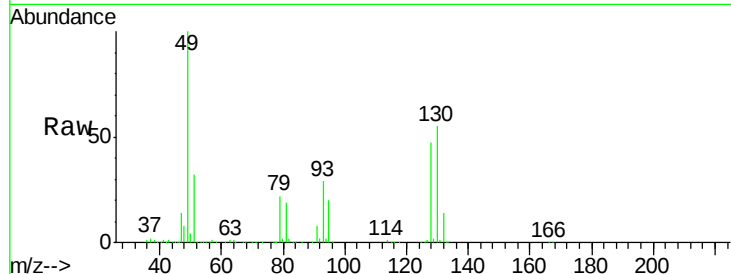
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VL034584.D
 Acq: 4 Feb 2020 17:53

Instrument :
 MSVOA_L
 ClientSampled :
 IA-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.7	22.7	68.1
130	58.2	28.6	85.8

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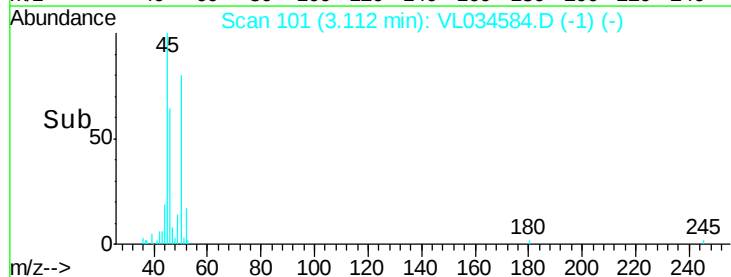
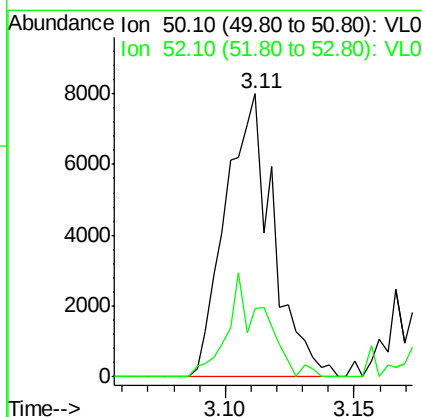
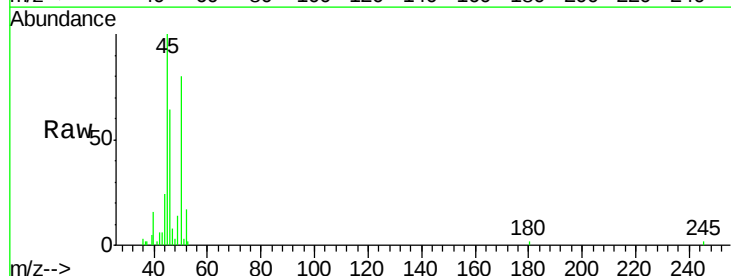
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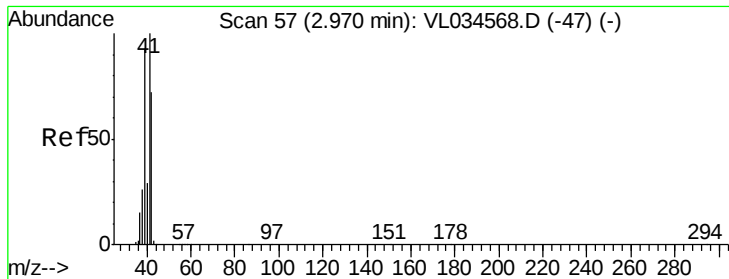


#4

Chloromethane
 Concen: 0.139 ppbv
 RT: 3.11 min Scan# 101
 Delta R.T. 0.01 min
 Lab File: VL034584.D
 Acq: 4 Feb 2020 17:53

Tgt Ion	Ratio	Lower	Upper
50	100		
52	24.2	26.6	39.8





#9

Propene

Concen: 0.306 ppbv m

RT: 2.99 min Scan# 63

Delta R.T. 0.02 min

Lab File: VL034584.D

Acq: 4 Feb 2020 17:53

Instrument :

MSVOA_L

ClientSampled :

IA-2DL

Tot Ion: 41 Resp: 14406

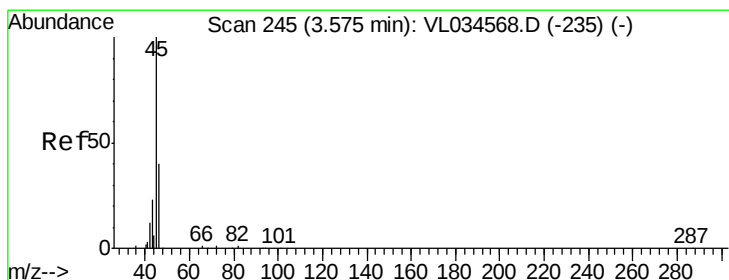
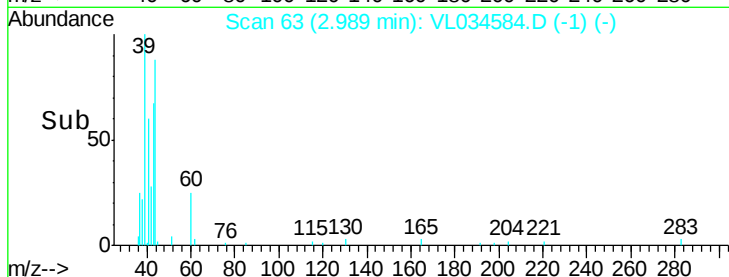
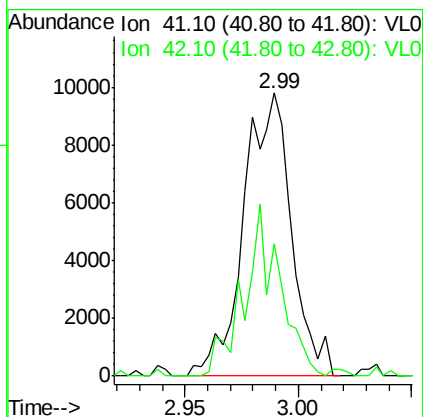
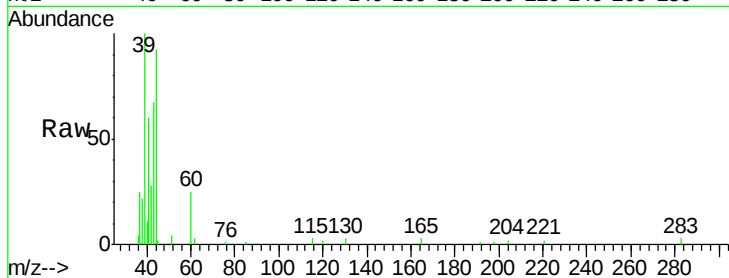
Ion Ratio Lower Upper

41 100

42 258.5 57.0 85.4#

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#13

Ethanol

Concen: 67.557 ppbv

RT: 3.57 min Scan# 245

Delta R.T. -0.00 min

Lab File: VL034584.D

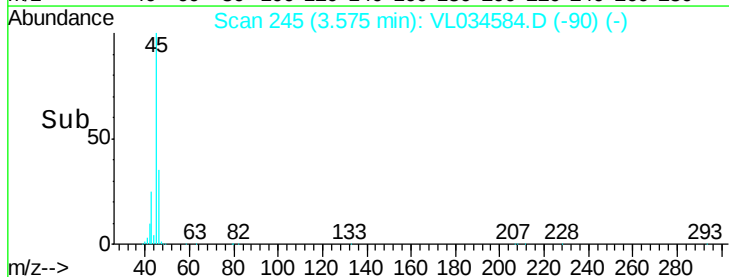
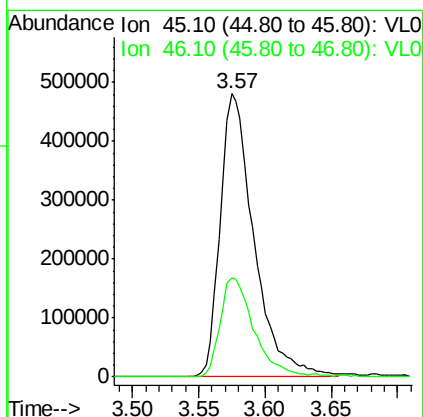
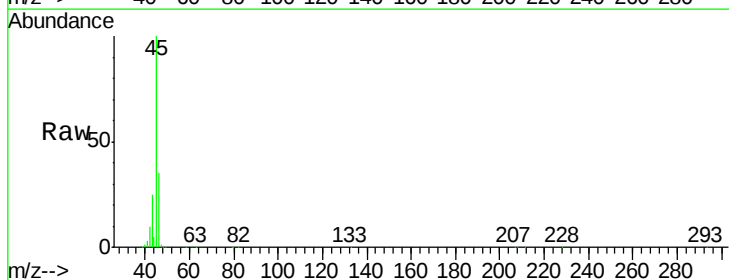
Acq: 4 Feb 2020 17:53

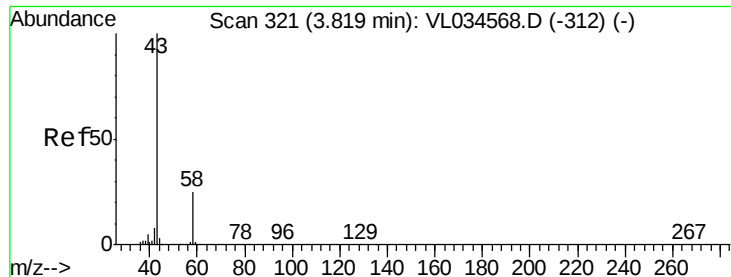
Tgt Ion: 45 Resp: 851615

Ion Ratio Lower Upper

45 100

46 35.8 14.8 59.2





#15

Acetone

Concen: 0.789 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL034584.D

Acq: 4 Feb 2020 17:53

Instrument :

MSVOA_L

ClientSampleId :

IA-2DL

Tot Ion: 43 Resp: 115980

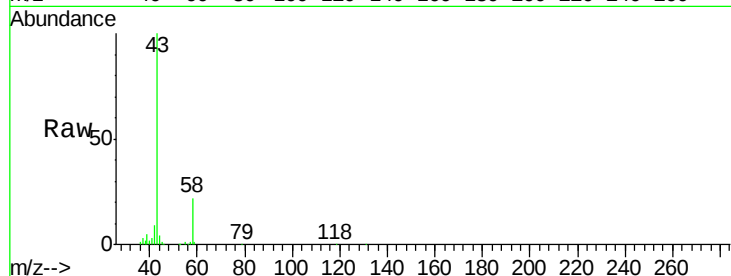
Ion Ratio Lower Upper

43 100

58 27.7 20.3 30.5

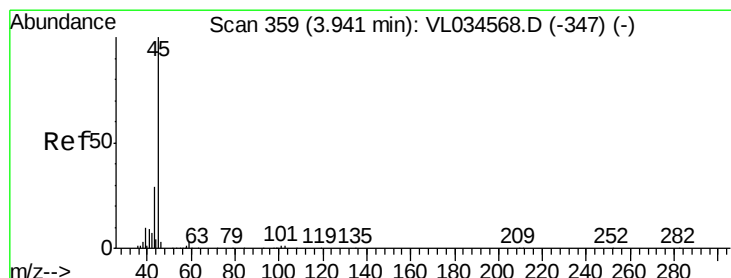
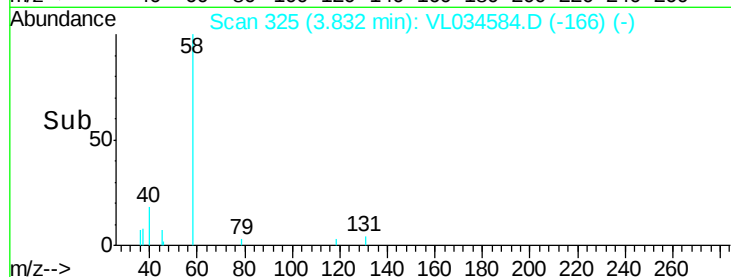
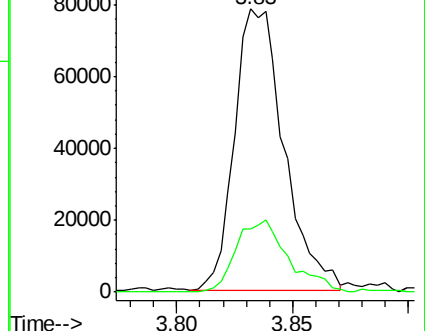
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 0.300 ppbv m

RT: 3.96 min Scan# 364

Delta R.T. 0.02 min

Lab File: VL034584.D

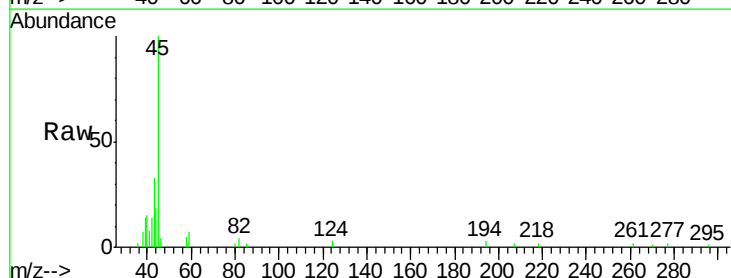
Acq: 4 Feb 2020 17:53

Tgt Ion: 45 Resp: 25746

Ion Ratio Lower Upper

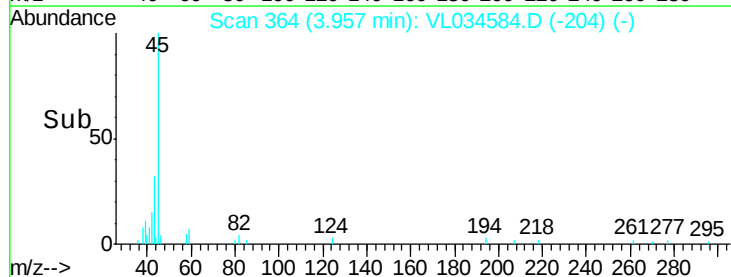
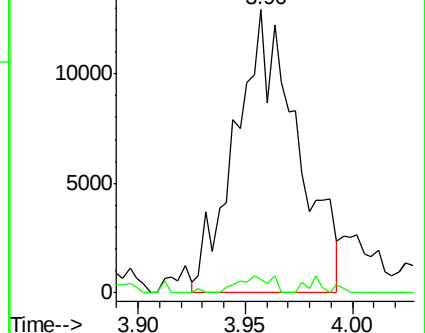
45 100

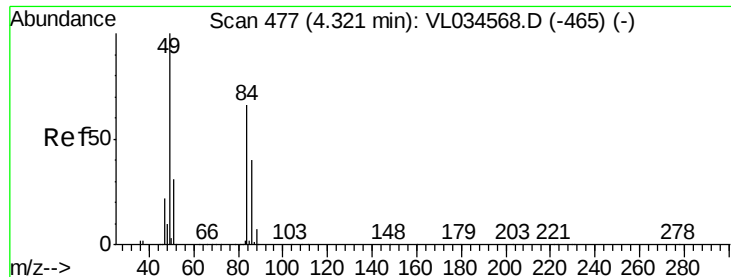
58 5.0 1.7 2.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





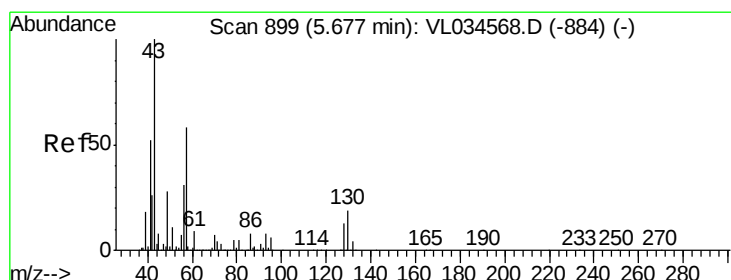
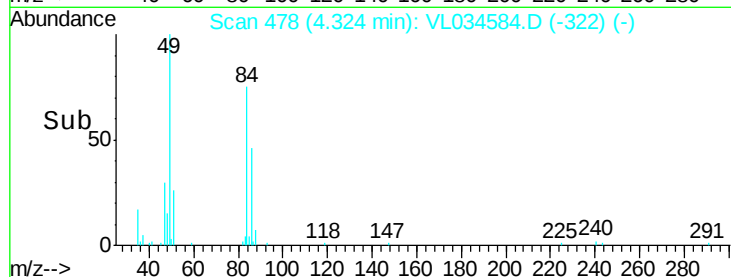
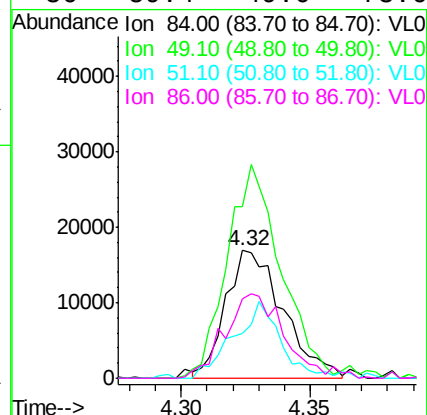
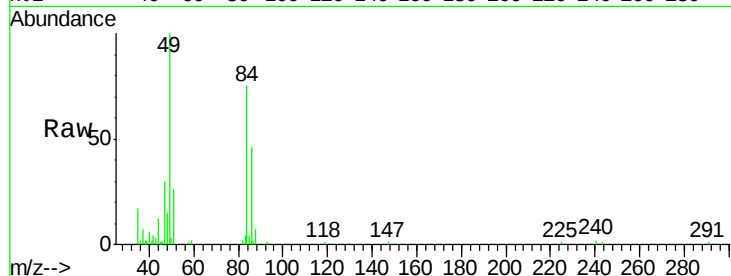
#20
Methvlene Chloride
Concen: 0.469 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL034584.D
Acq: 4 Feb 2020 17:53

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tot Ion:	84	Resp:	26251
Ion	Ratio	Lower	Upper
84	100		
49	130.7	122.4	183.6
51	35.7	38.6	57.8#
86	59.4	49.0	73.6

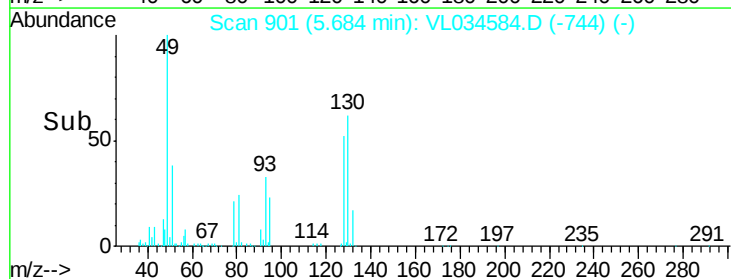
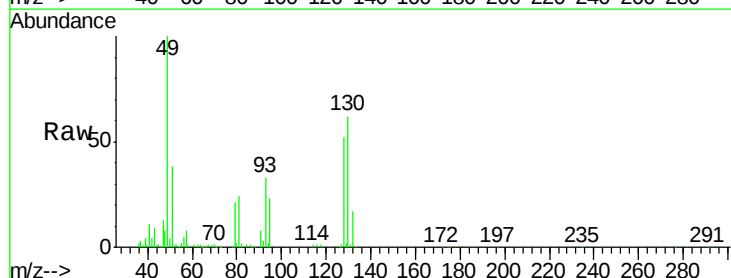
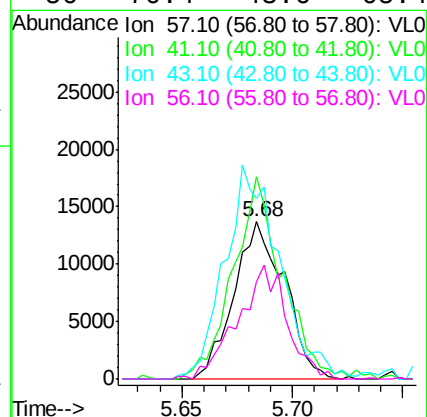
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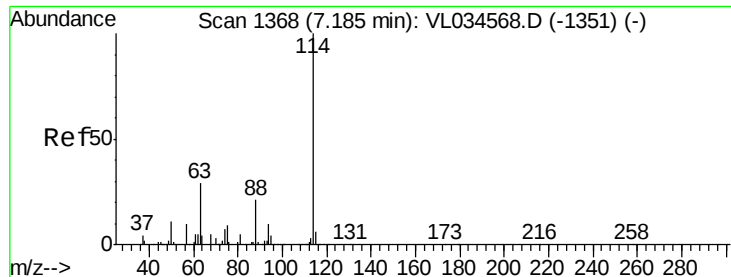
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#26
Hexane
Concen: 0.220 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL034584.D
Acq: 4 Feb 2020 17:53

Tgt Ion:	57	Resp:	21905
Ion	Ratio	Lower	Upper
57	100		
41	126.1	76.2	114.2#
43	146.3	189.9	284.9#
56	70.4	43.6	65.4#





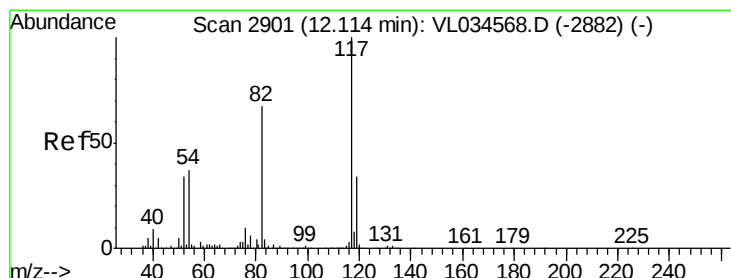
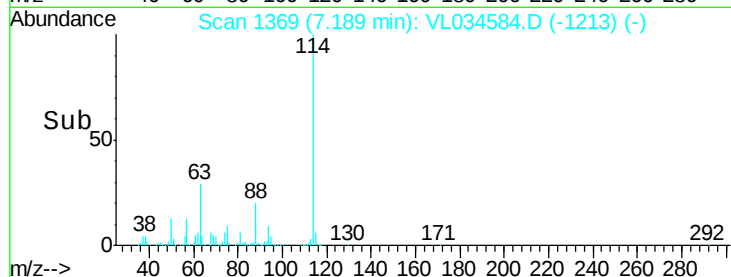
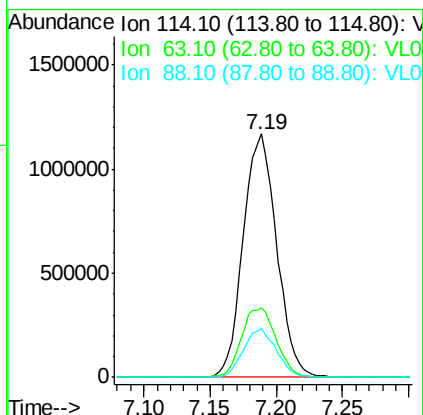
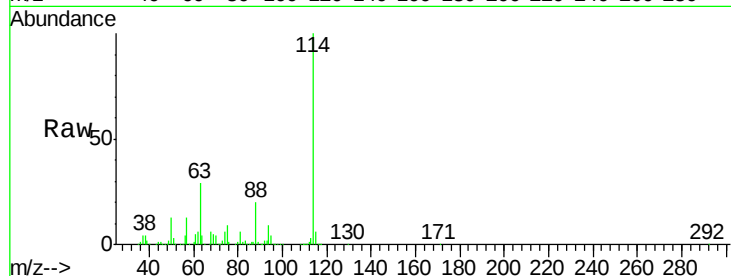
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL034584.D
 Acq: 4 Feb 2020 17:53

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.6	15.9	23.9

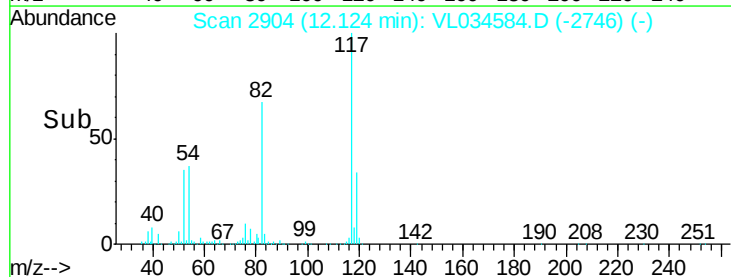
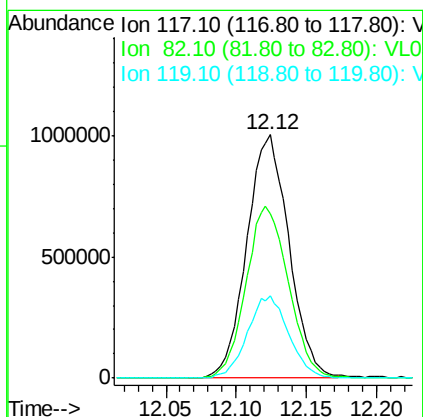
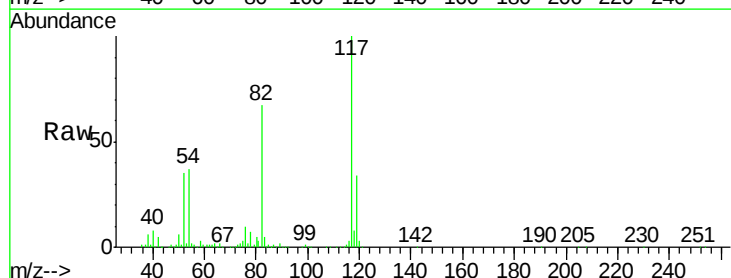
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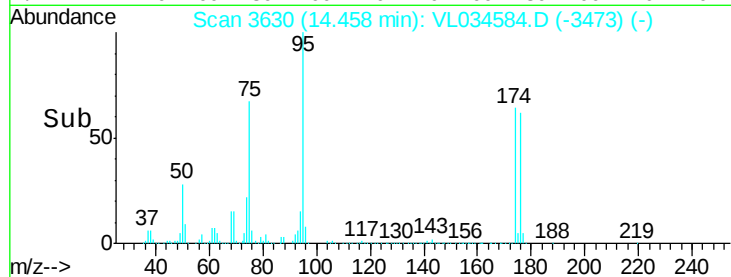
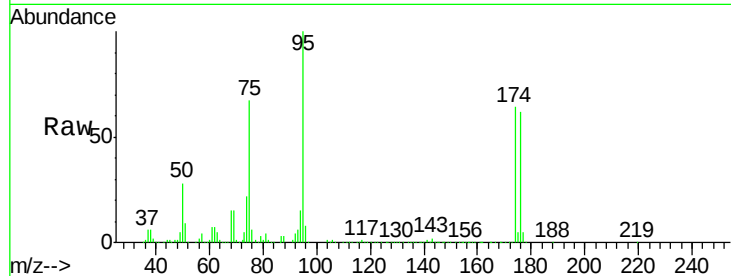
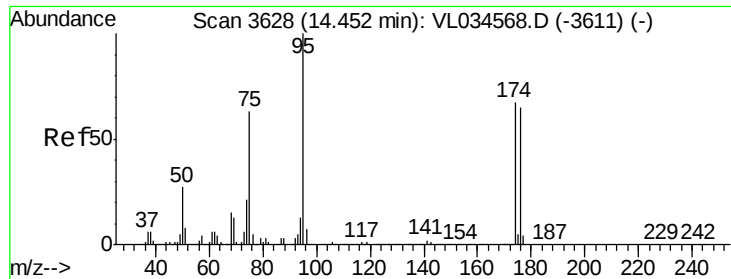
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2904
 Delta R.T. 0.01 min
 Lab File: VL034584.D
 Acq: 4 Feb 2020 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.3	54.2	81.4
119	33.2	26.1	39.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.086 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL034584.D

Acq: 4 Feb 2020 17:53

Tot Ion: 95 Resp: 1793111

Ion Ratio Lower Upper

95 100

174 65.2 52.3 78.5

175 4.5 3.8 5.6

Instrument :

MSVOA_L

ClientSampleId :

IA-2DL

Manual Integrations
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