

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034582.D
 Acq On : 4 Feb 2020 16:34
 Operator : SY/AP
 Sample : L1356-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

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Quant Time: Feb 05 06:32:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 3
 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	5.67	49	1037820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2128465	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2151253	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1813675	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds						Ovalue
9) Propene	2.99	41	12216	0.250	ppbv	84
13) Ethanol	3.58	45	311261	23.799	ppbv	97
15) Acetone	3.84	43	96578	0.633	ppbv	96
19) Isopropyl Alcohol	3.97	45	20493m	0.230	ppbv	
20) Methylene Chloride	4.33	84	72105	1.242	ppbv	93
26) Hexane	5.69	57	31339	0.303	ppbv #	50

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

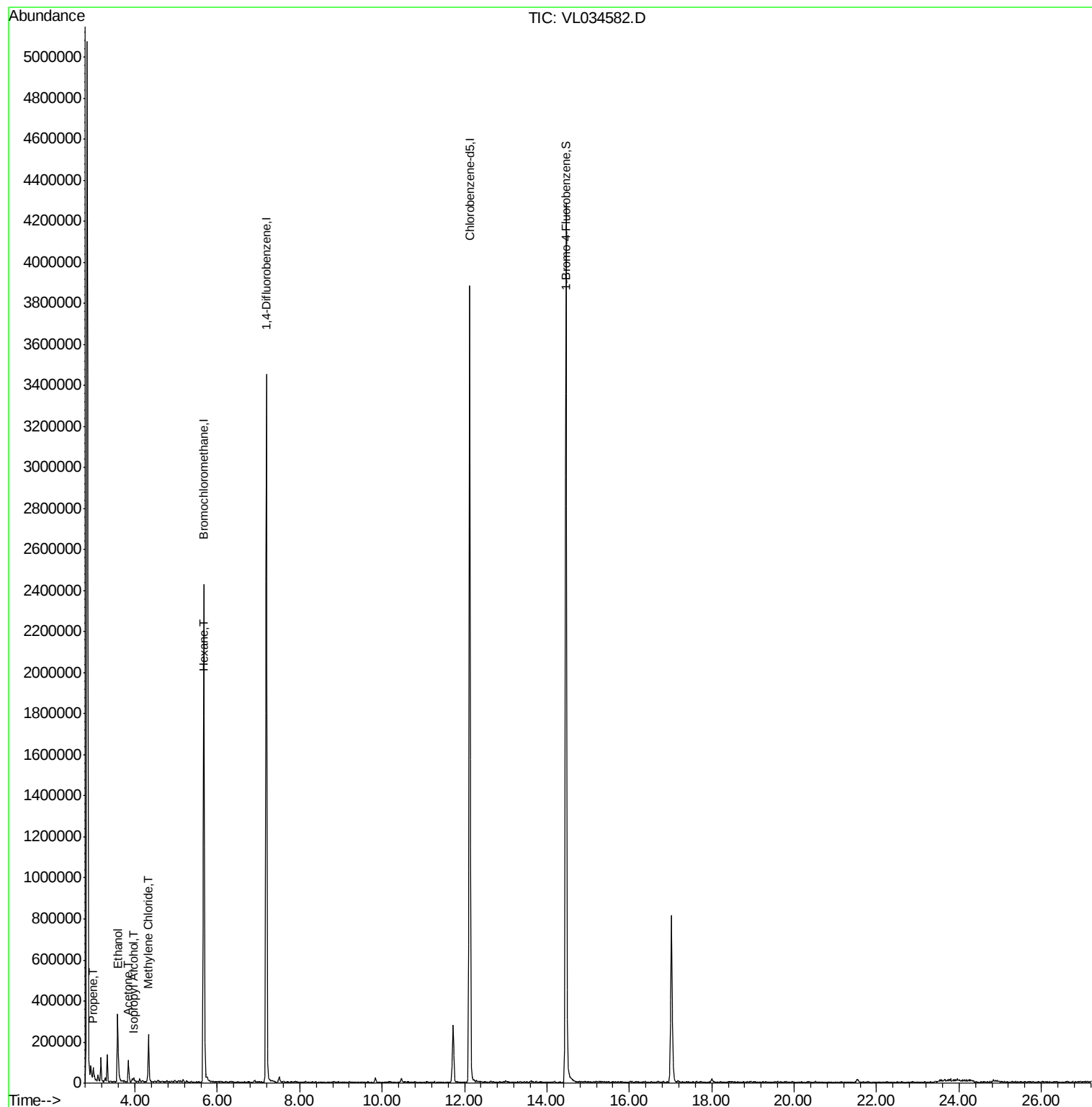
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL020420\
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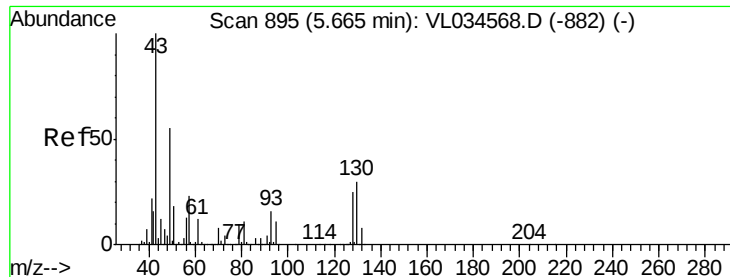
Instrument :
MSVOA_L
ClientSampleId :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL034582.D

Acq: 4 Feb 2020 16:34

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL

Tot Ion: 49 Resp: 1037820

Ion Ratio Lower Upper

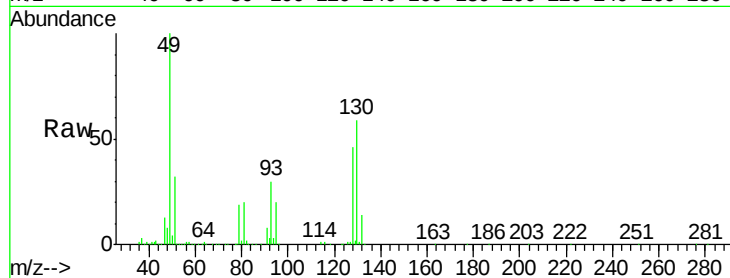
49 100

128 45.7 22.7 68.1

130 59.4 28.6 85.8

Manual Integrations
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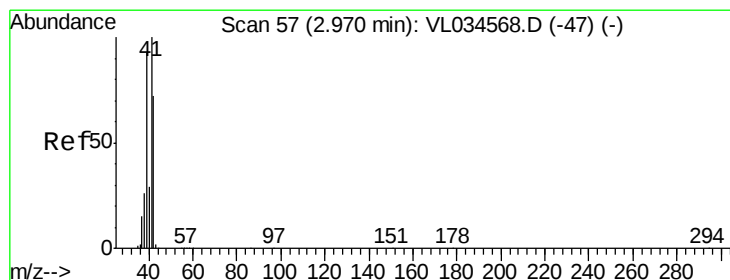
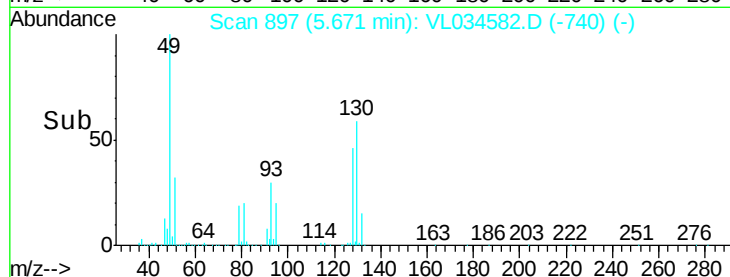
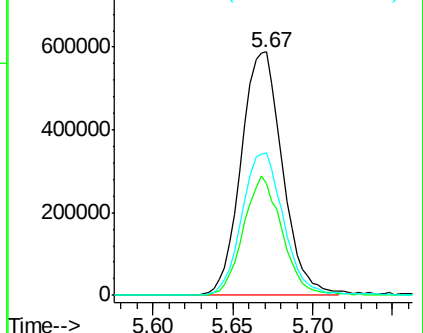
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.250 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL034582.D

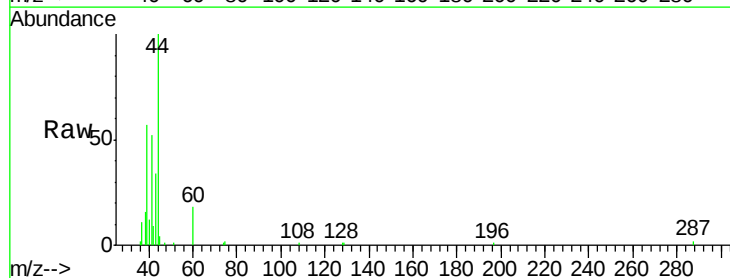
Acq: 4 Feb 2020 16:34

Tgt Ion: 41 Resp: 12216

Ion Ratio Lower Upper

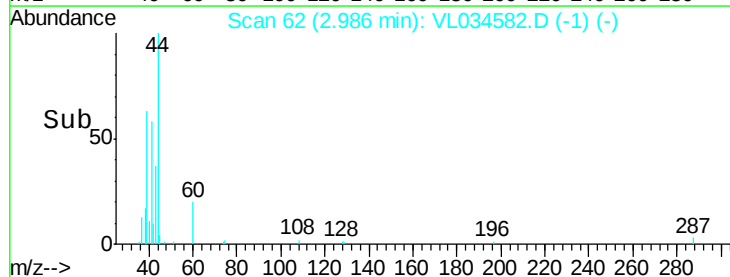
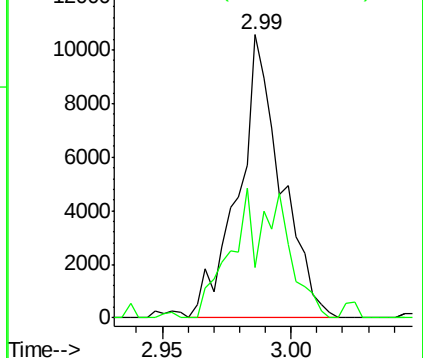
41 100

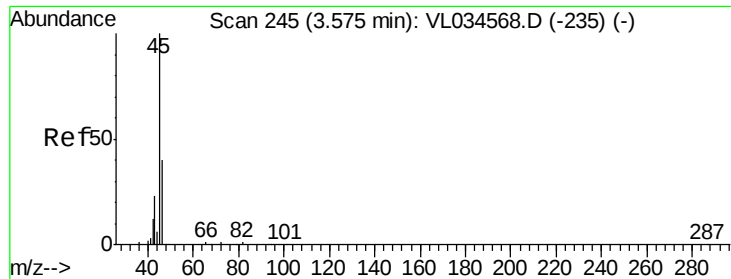
42 58.0 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





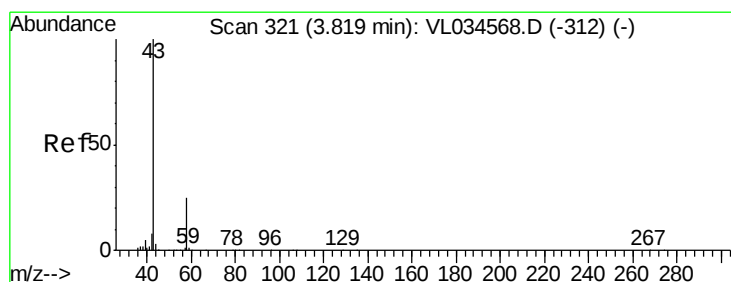
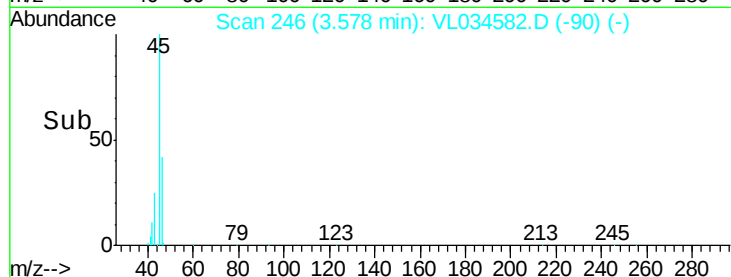
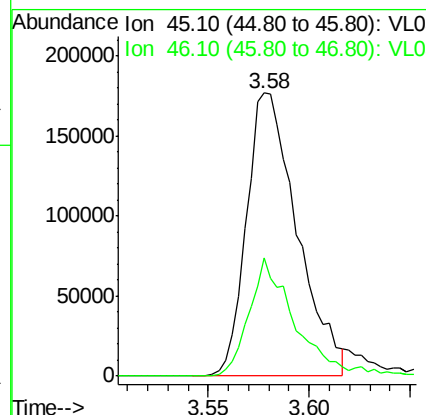
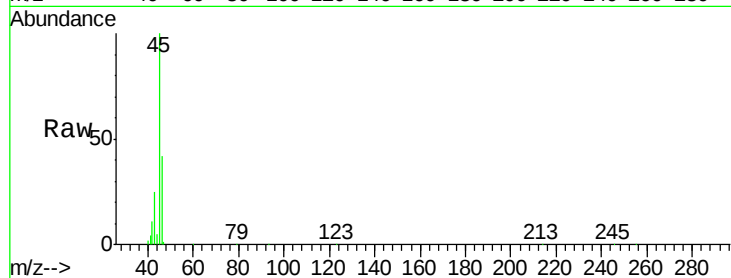
#13
Ethanol
Concen: 23.799 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.00 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tot Ion	45	46	Ratio	Lower	Upper
311261	100	38.9		14.8	59.2

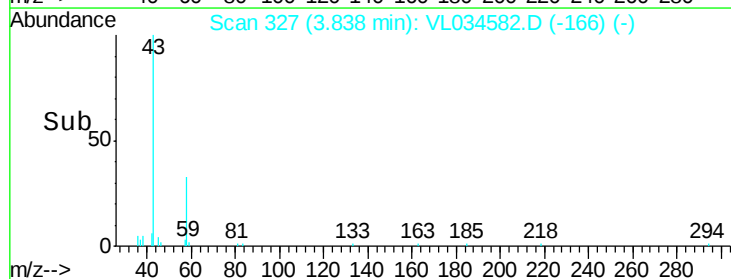
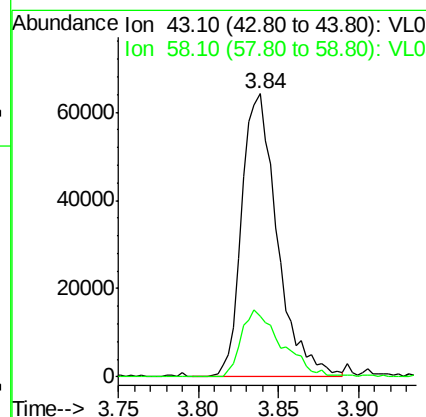
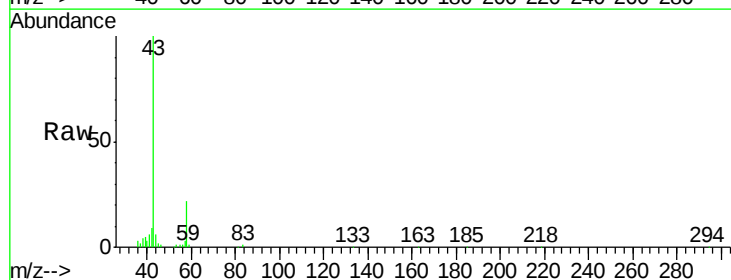
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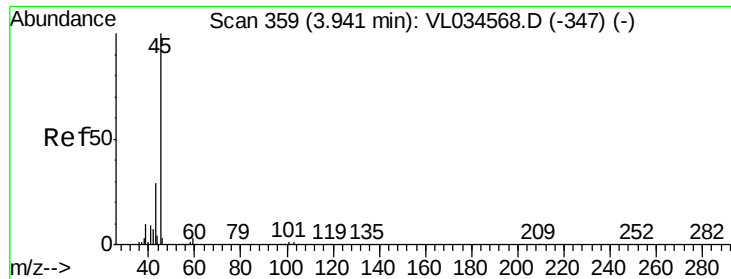
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#15
Acetone
Concen: 0.633 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.02 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Tgt Ion	43	58	Ratio	Lower	Upper
96578	100	27.2		20.3	30.5





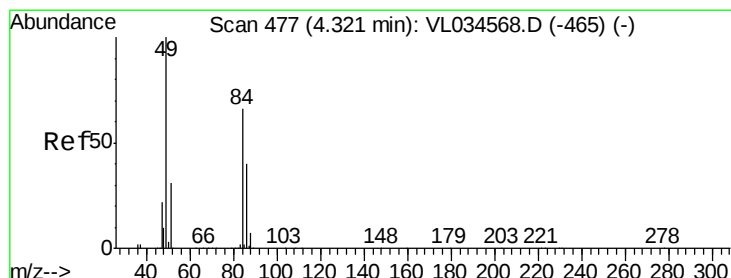
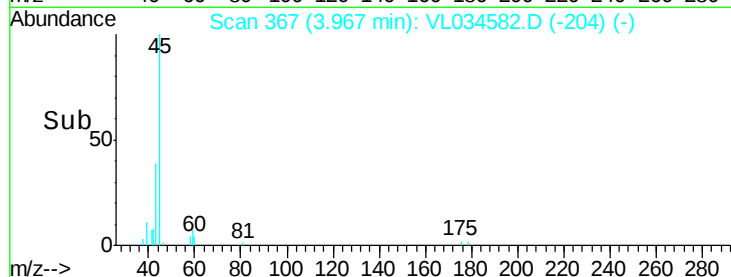
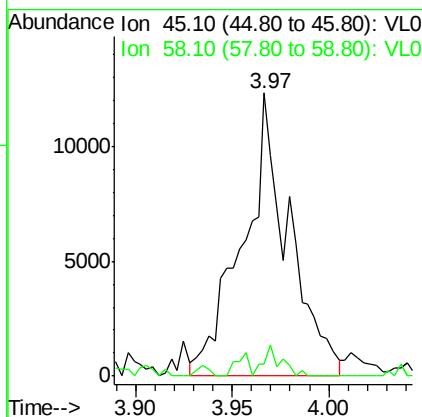
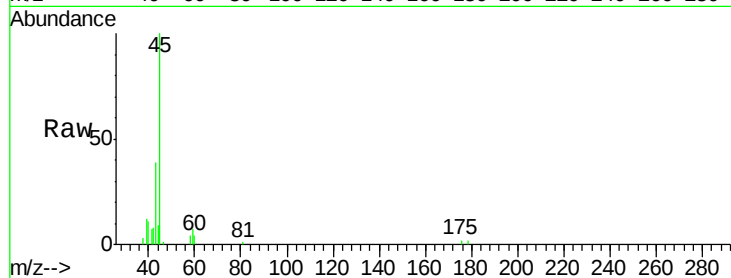
#19
Isopropyl Alcohol
Concen: 0.230 ppbv m
RT: 3.97 min Scan# 367
Delta R.T. 0.03 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

Tot Ion: 45 Resp: 20493
Ion Ratio Lower Upper
45 100
58 7.2 1.7 2.5#

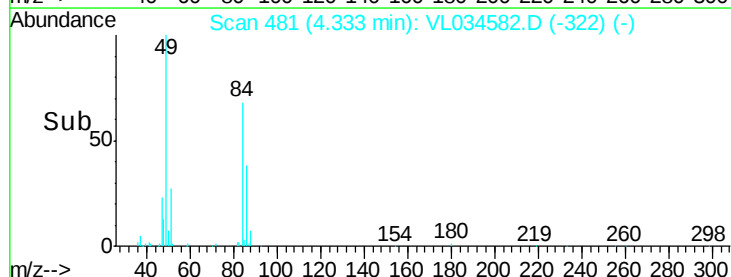
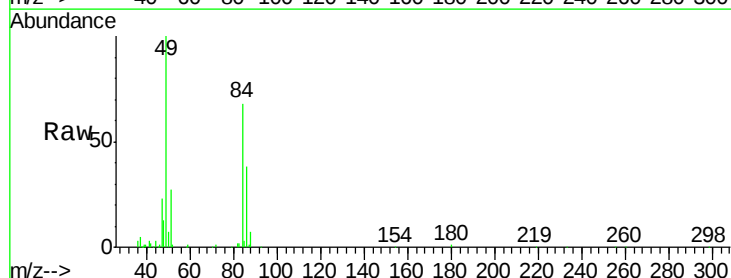
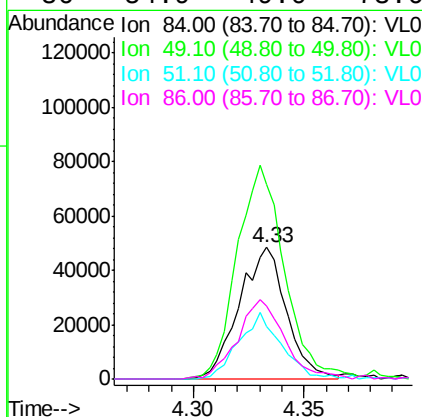
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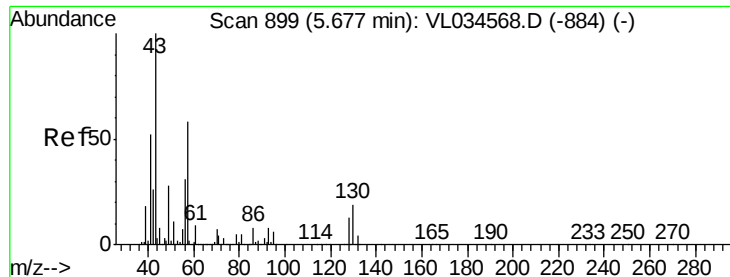
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#20
Methylene Chloride
Concen: 1.242 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Tgt Ion: 84 Resp: 72105
Ion Ratio Lower Upper
84 100
49 147.1 122.4 183.6
51 40.2 38.6 57.8
86 54.9 49.0 73.6





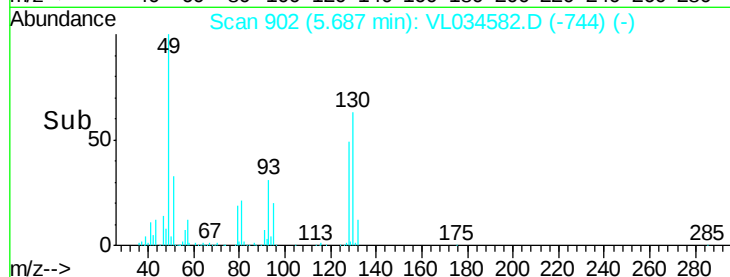
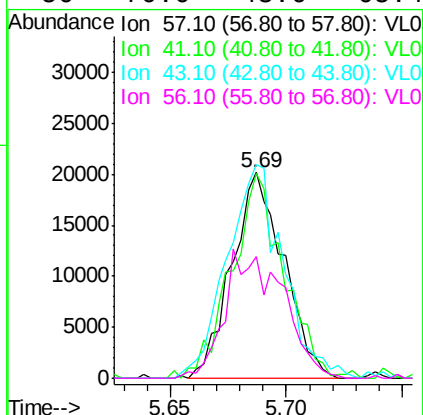
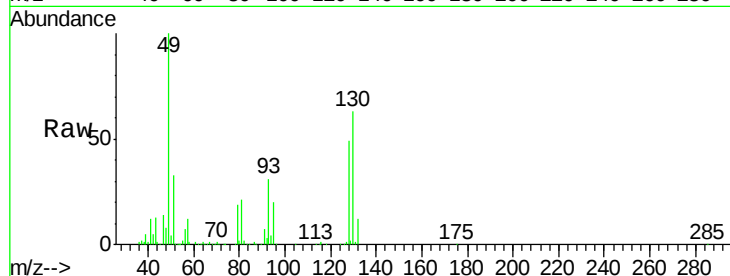
#26
Hexane
Concen: 0.303 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	101.7	76.2	114.2
43	113.7	189.9	284.9#
56	70.0	43.6	65.4#

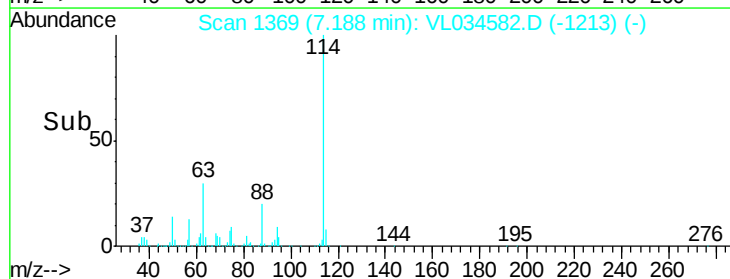
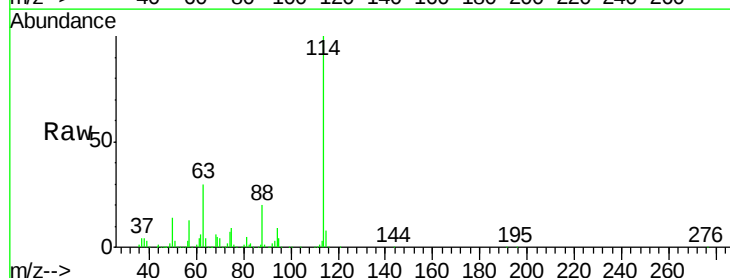
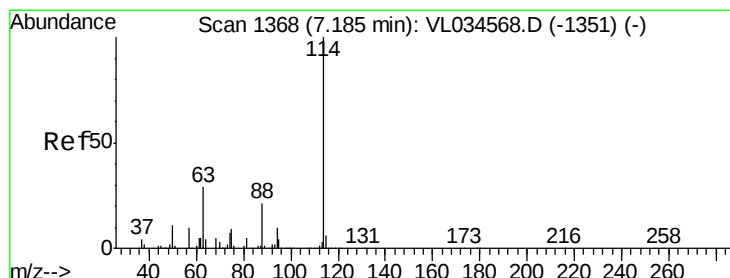
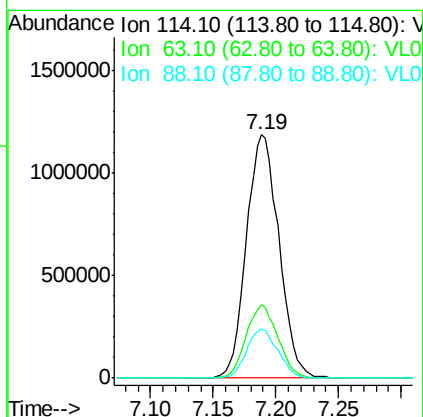
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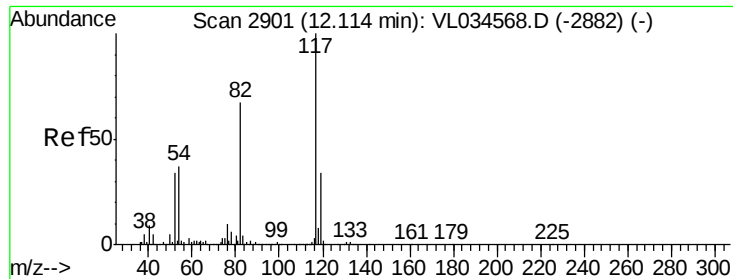
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.5	15.9	23.9





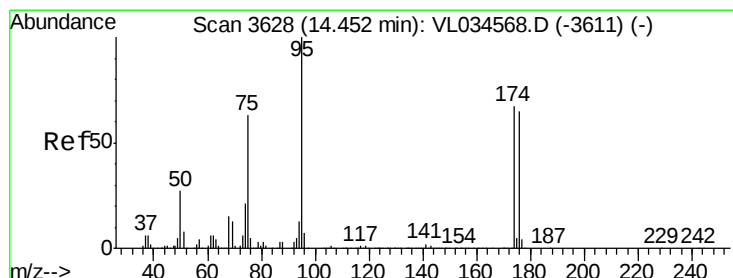
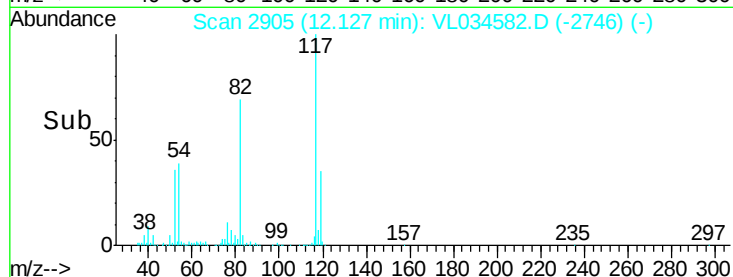
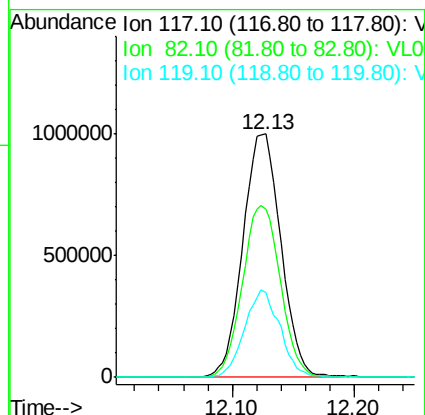
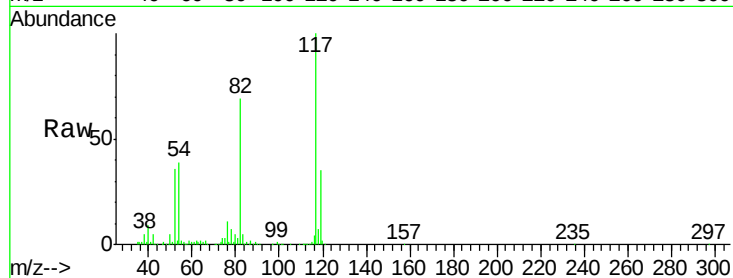
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.8	54.2	81.4
119	33.5	26.1	39.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.976 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.01 min
Lab File: VL034582.D
Acq: 4 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.8	52.3	78.5
175	4.4	3.8	5.6

