

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036365.D
 Acq On : 25 Feb 2021 00:40
 Operator : SY/AP
 Sample : M1463-08DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2DL

Manual Integrations
 APPROVED

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Quant Time: Feb 25 07:35:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1673757	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3596593	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.11	117	3278257	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2598090	9.63	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	20493m	0.264	ppbv	
13) Ethanol	3.65	45	26737m	1.836	ppbv	
15) Acetone	3.87	43	90180	0.441	ppbv #	60
20) Methylene Chloride	4.36	84	29702m	0.450	ppbv	

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

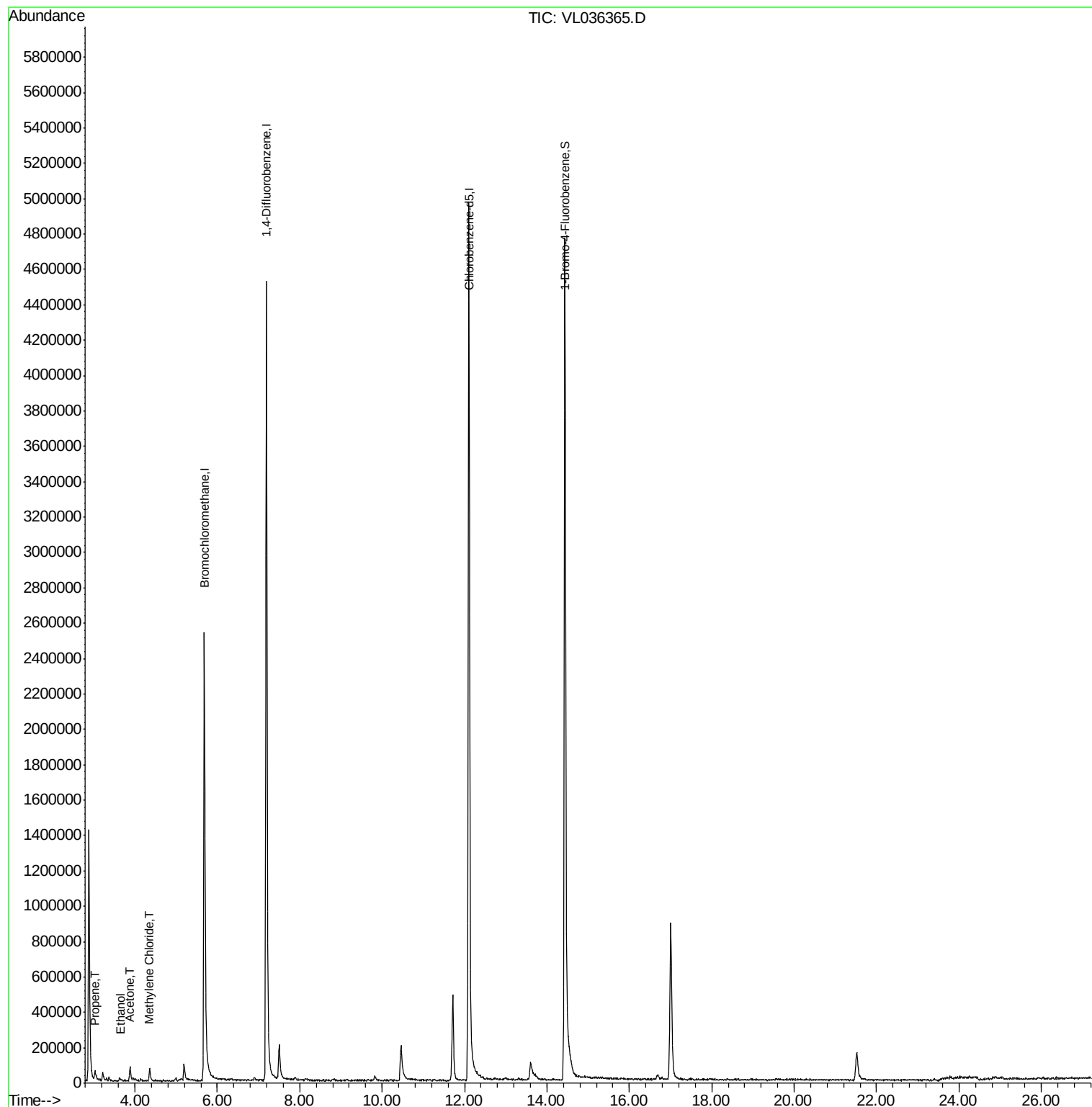
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022421\
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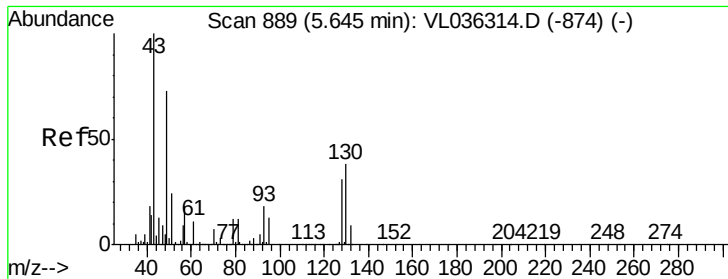
Instrument :
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Quant Time: Feb 25 07:35:28 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.04 min

Lab File: VL036365.D

Acq: 25 Feb 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

NS-2DL

Tot Ion: 49 Resp: 1673757

Ion Ratio Lower Upper

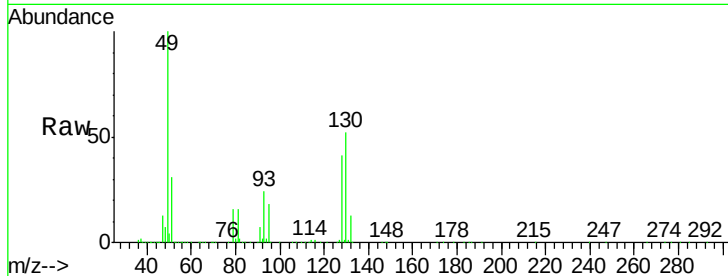
49 100

128 41.3 20.8 62.5

130 53.4 26.7 80.1

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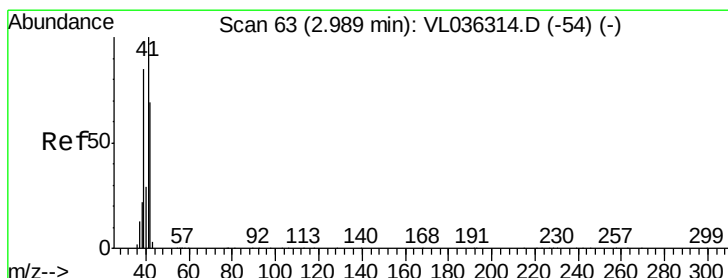
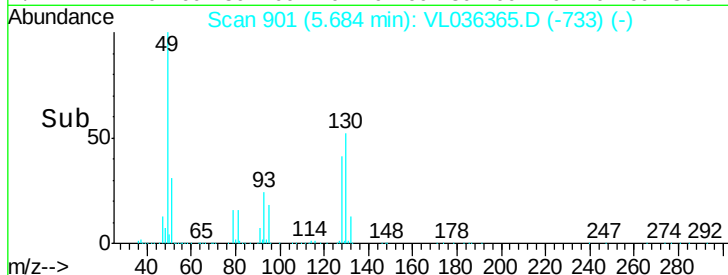
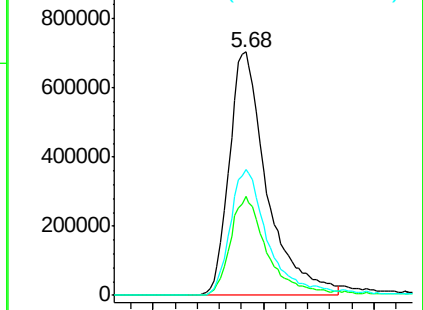
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.264 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.04 min

Lab File: VL036365.D

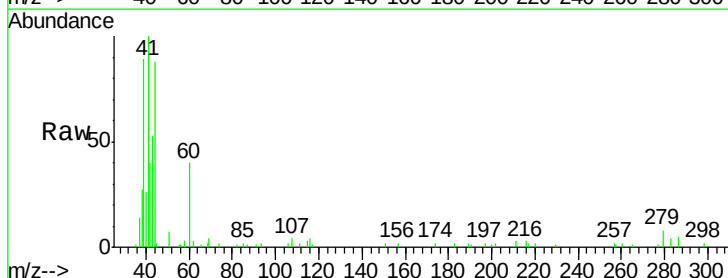
Acq: 25 Feb 2021 00:40

Tgt Ion: 41 Resp: 20493

Ion Ratio Lower Upper

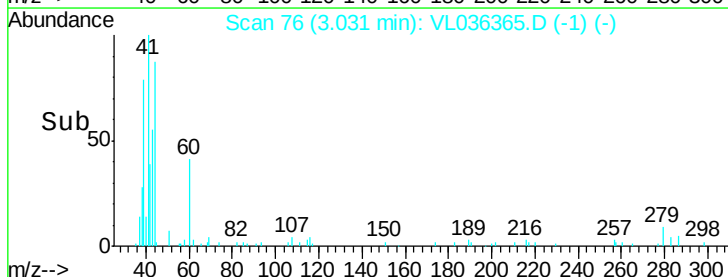
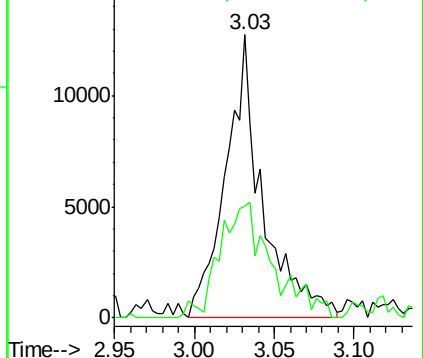
41 100

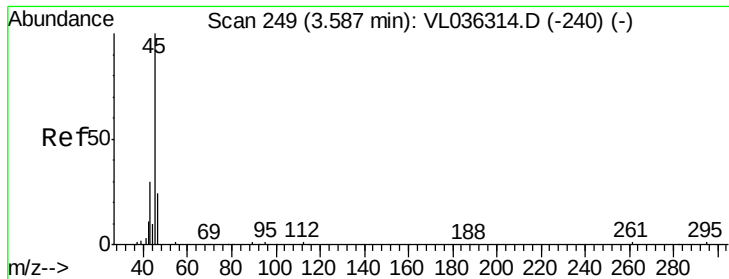
42 58.6 56.2 84.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





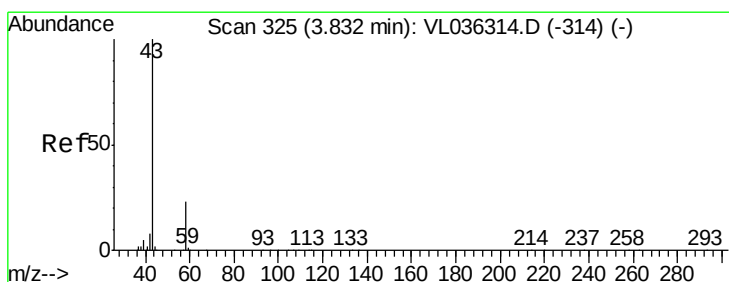
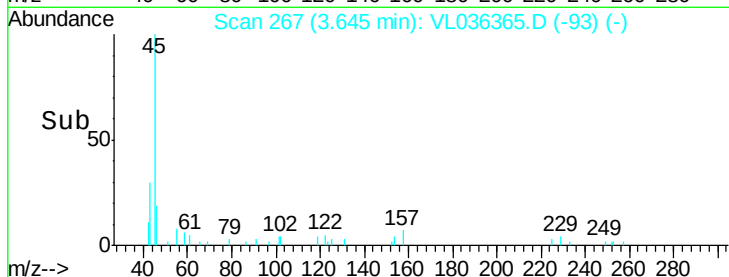
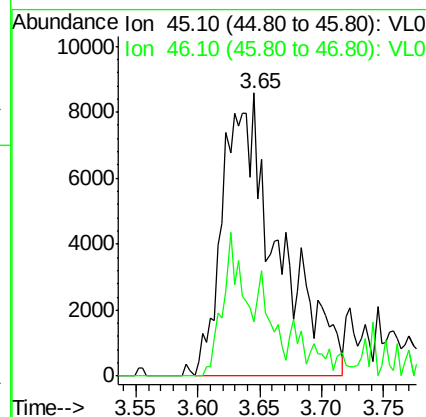
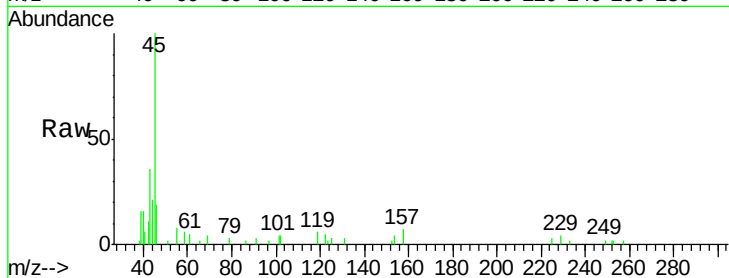
#13
Ethanol
Concen: 1.836 ppbv m
RT: 3.65 min Scan# 267
Delta R.T. 0.06 min
Lab File: VL036365.D
Acq: 25 Feb 2021 00:40

Instrument :
MSVOA_L
ClientSampled :
NS-2DL

Tot Ion: 45 Resp: 26737
Ion Ratio Lower Upper
45 100
46 34.9 17.7 70.7

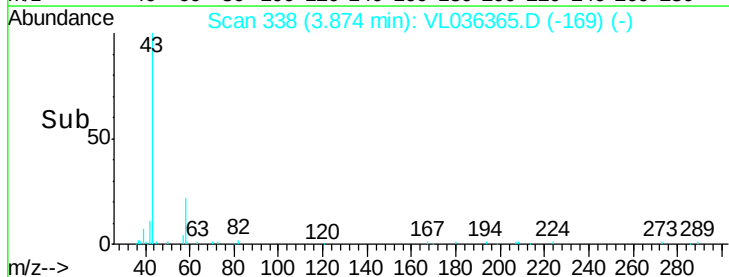
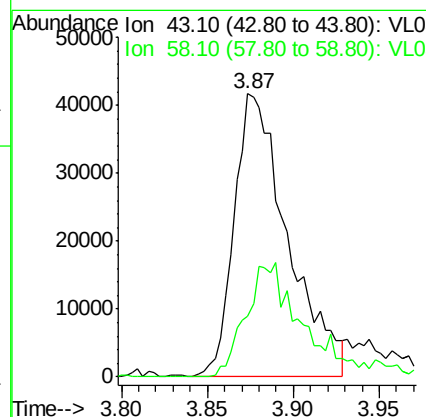
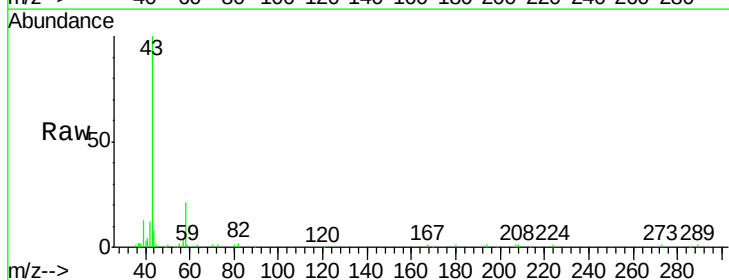
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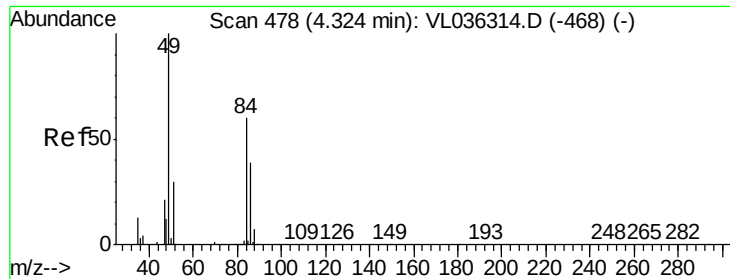
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#15
Acetone
Concen: 0.441 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL036365.D
Acq: 25 Feb 2021 00:40

Tgt Ion: 43 Resp: 90180
Ion Ratio Lower Upper
43 100
58 45.5 20.3 30.5#





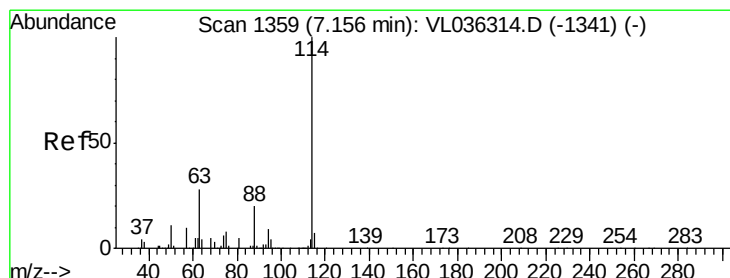
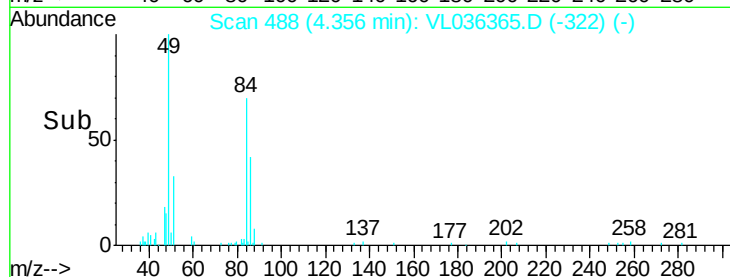
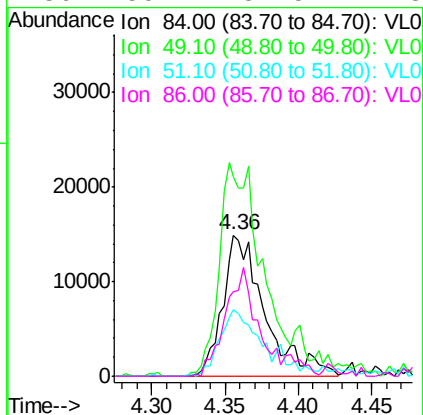
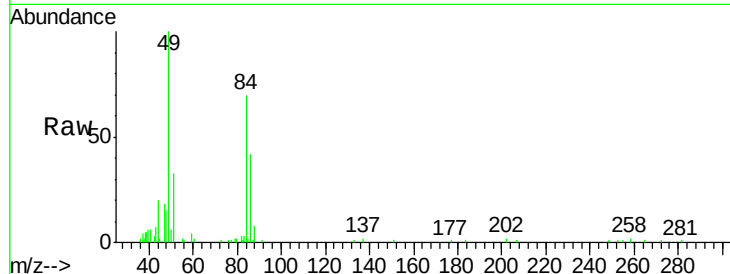
#20
Methylene Chloride
Concen: 0.450 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.03 min
Lab File: VL036365.D
Acq: 25 Feb 2021 00:40

Instrument :
MSVOA_L
ClientSampleId :
NS-2DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	141.9	133.8	200.8
51	46.9	41.4	62.0
86	59.7	51.5	77.3

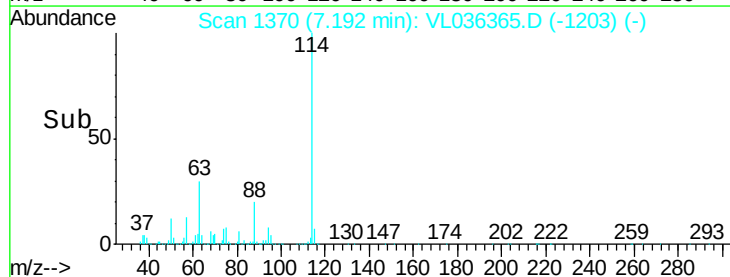
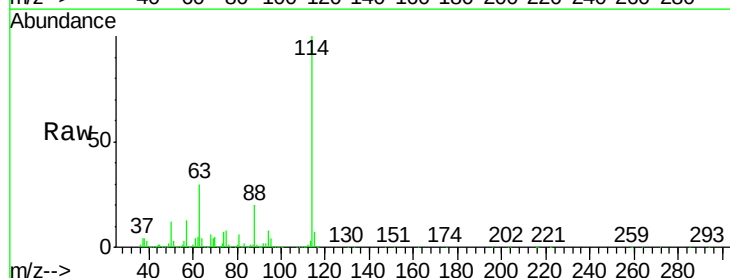
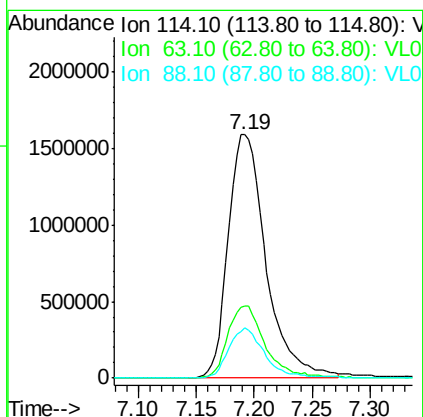
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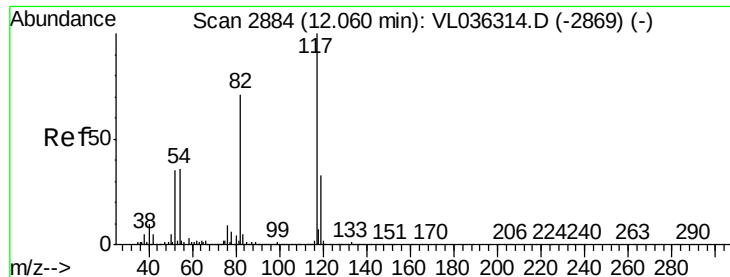
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.04 min
Lab File: VL036365.D
Acq: 25 Feb 2021 00:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.1	36.1
88	20.2	16.0	24.0





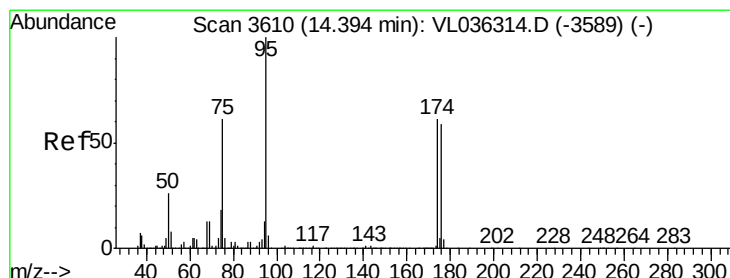
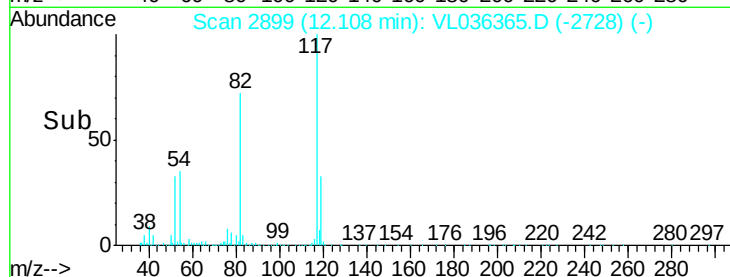
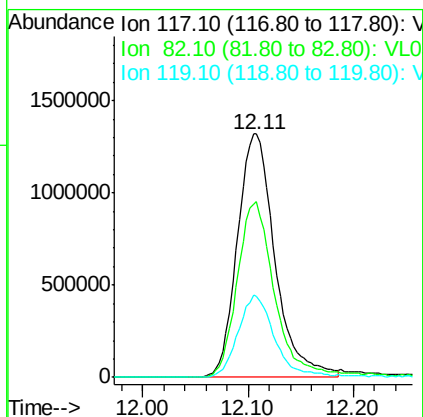
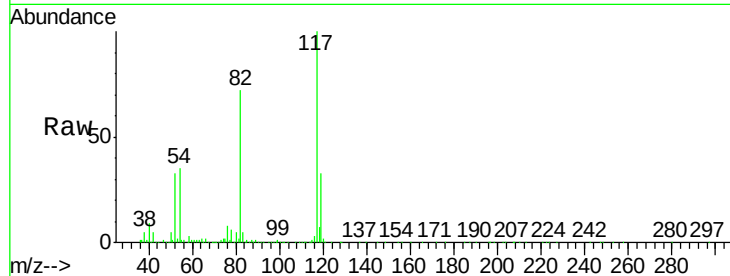
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.05 min
Lab File: VL036365.D
Acq: 25 Feb 2021 00:40

Instrument :
MSVOA_L
ClientSampleId :
NS-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.5	59.1	88.7
119	33.8	46.3	69.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.632 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.04 min
Lab File: VL036365.D
Acq: 25 Feb 2021 00:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.2	49.8	74.6
175	4.9	3.7	5.5

