

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
 Data File : VL036411.D
 Acq On : 1 Mar 2021 12:49
 Operator : SY/AP
 Sample : M1463-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-12DL

Manual Integrations
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Quant Time: Mar 02 02:57:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 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	5.69	49	1796791	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.20	114	3827503	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.11	117	3451137	10.00	ppbv	0.05

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	2624226	9.24	ppbv	0.05	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.04	41	17582m	0.211	ppbv	
13) Ethanol	3.63	45	55300m	3.537	ppbv	
15) Acetone	3.87	43	141360m	0.644	ppbv	
20) Methylene Chloride	4.37	84	599260	8.457	ppbv	96
26) Hexane	5.71	57	134828	0.774	ppbv #	37

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

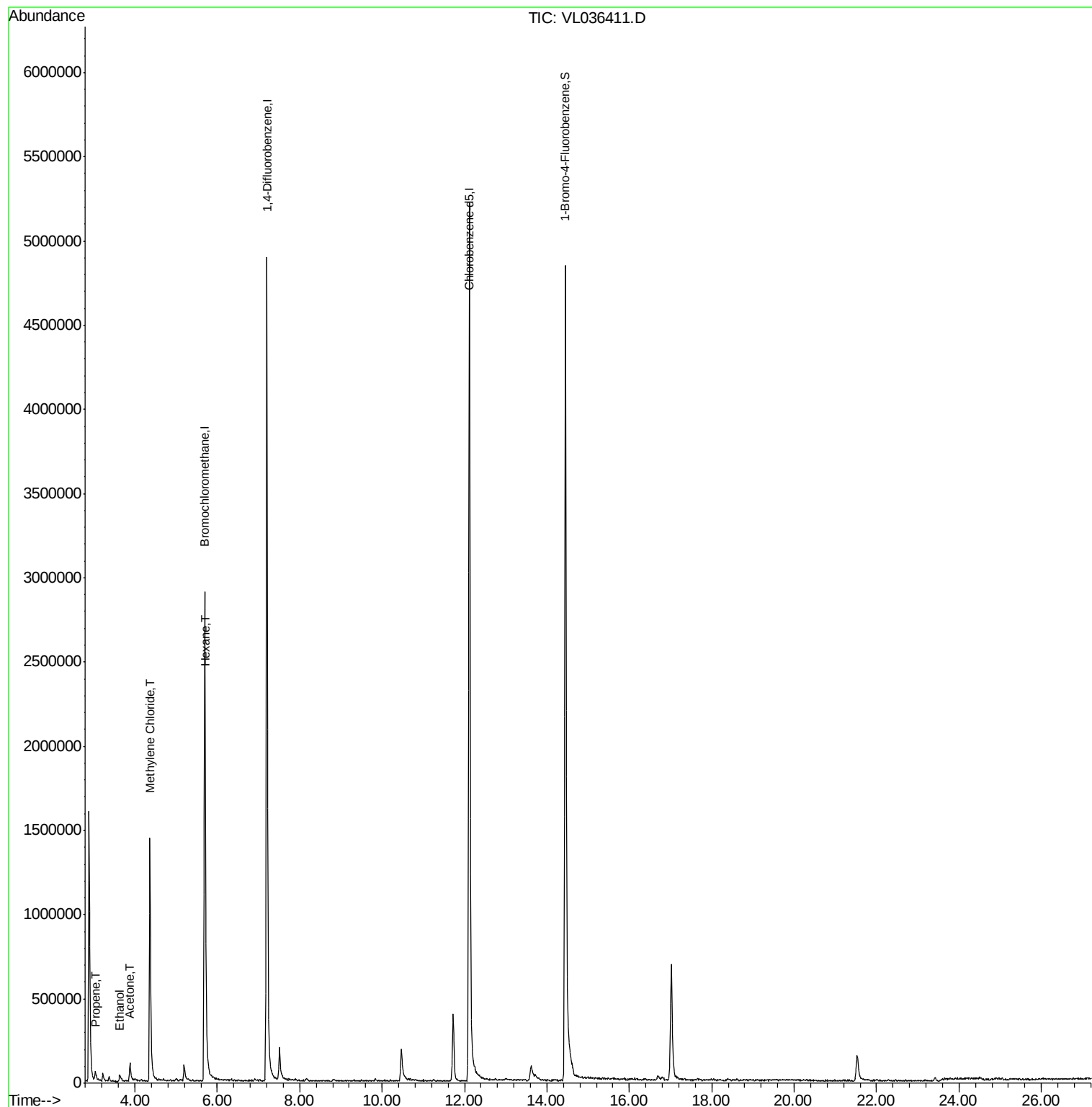
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
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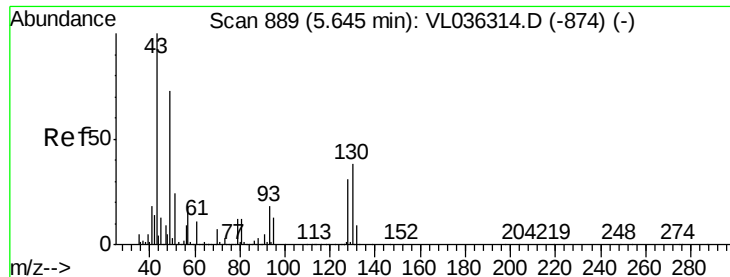
Instrument :
MSVOA_L
ClientSampleId :
NS-12DL

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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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.05 min

Lab File: VL036411.D

Acq: 1 Mar 2021 12:49

Instrument :

MSVOA_L

ClientSampled :

NS-12DL

Tgt Ion: 49 Resp: 1796791

Ion Ratio Lower Upper

49 100

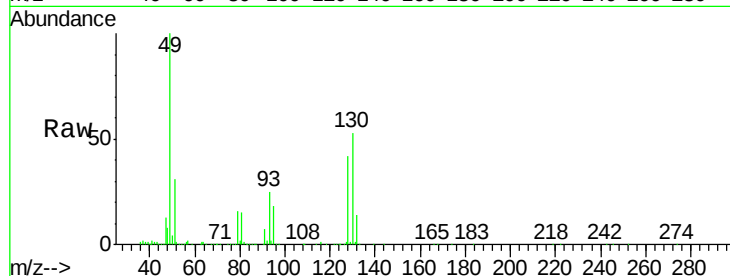
128 41.8 20.8 62.5

130 53.7 26.7 80.1

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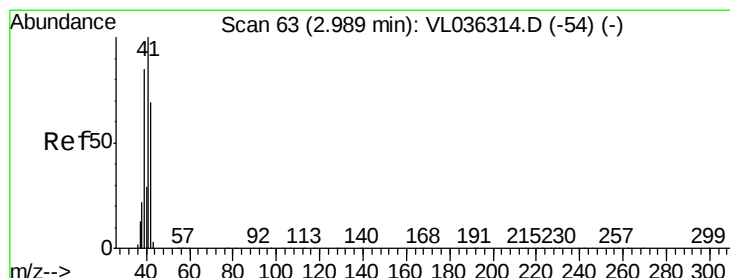
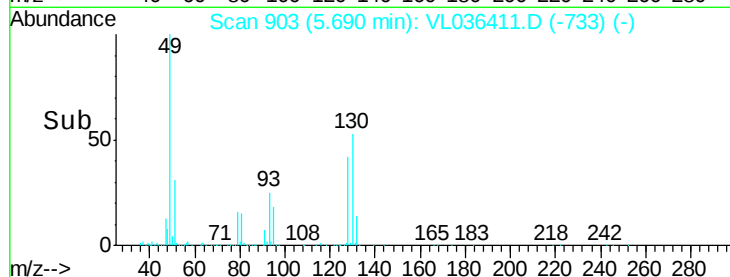
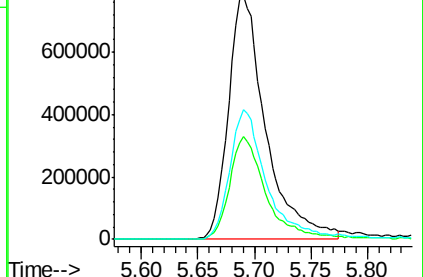
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.211 ppbv m

RT: 3.04 min Scan# 78

Delta R.T. 0.05 min

Lab File: VL036411.D

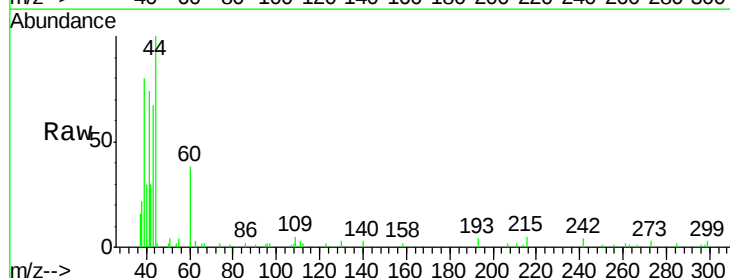
Acq: 1 Mar 2021 12:49

Tgt Ion: 41 Resp: 17582

Ion Ratio Lower Upper

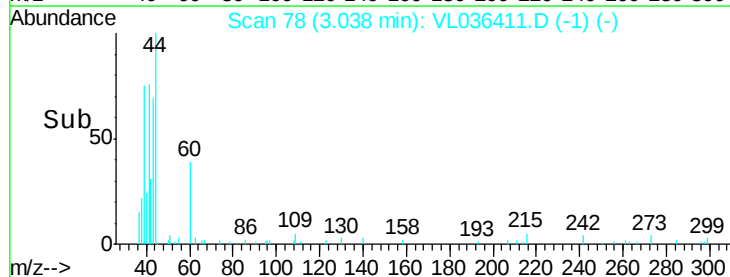
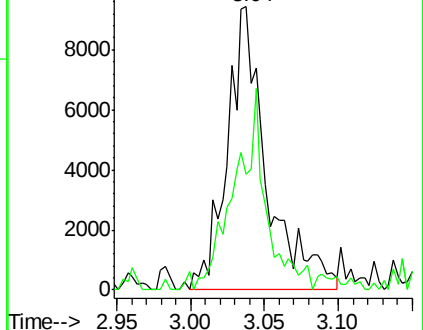
41 100

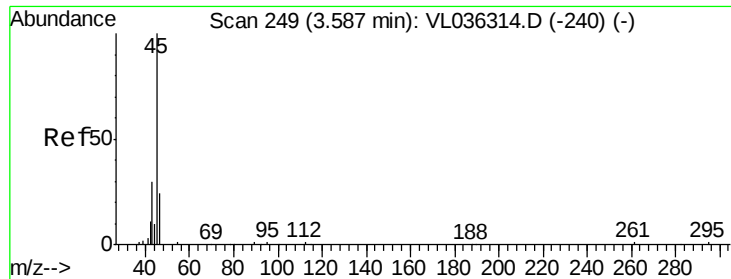
42 20.7 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





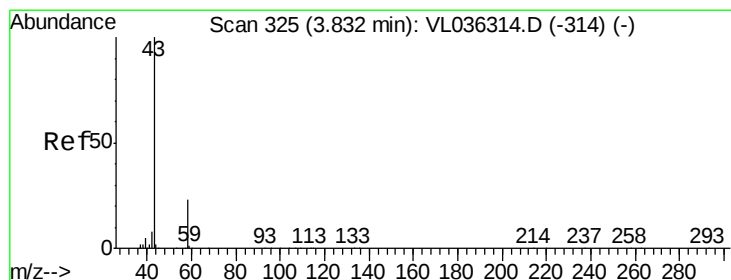
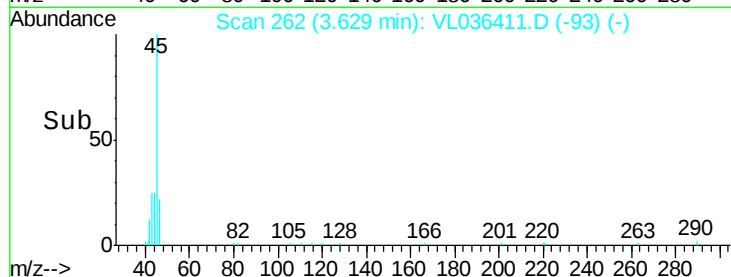
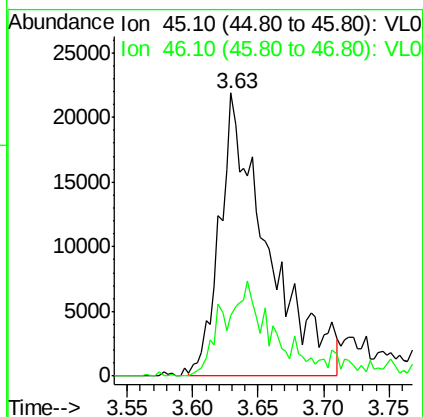
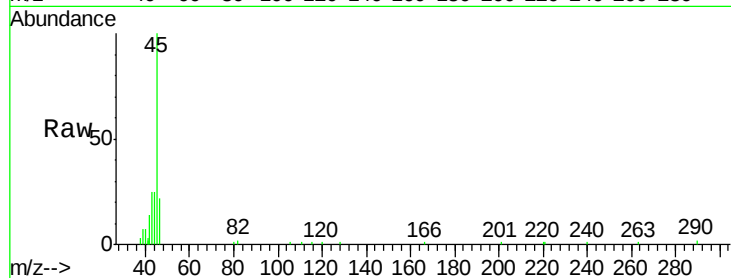
#13
Ethanol
Concen: 3.537 ppbv m
RT: 3.63 min Scan# 262
Delta R.T. 0.04 min
Lab File: VL036411.D
Acq: 1 Mar 2021 12:49

Instrument :
MSVOA_L
ClientSampleID :
NS-12DL

Tgt Ion: 45 Resp: 55300
Ion Ratio Lower Upper
45 100
46 0.0 17.7 70.7#

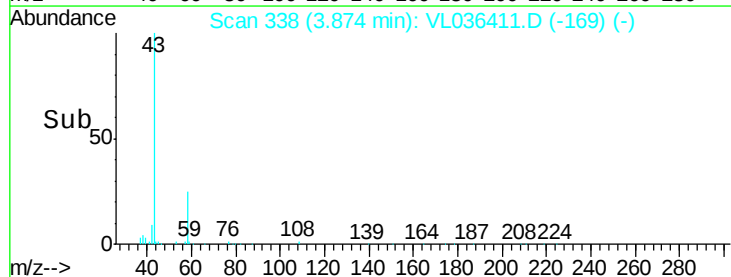
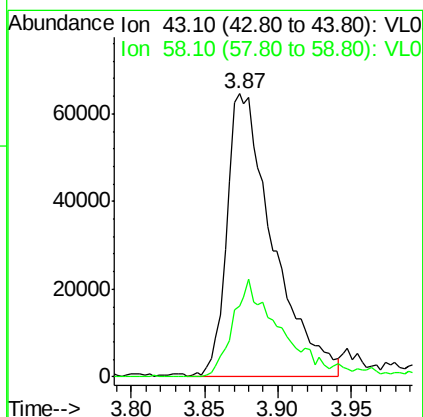
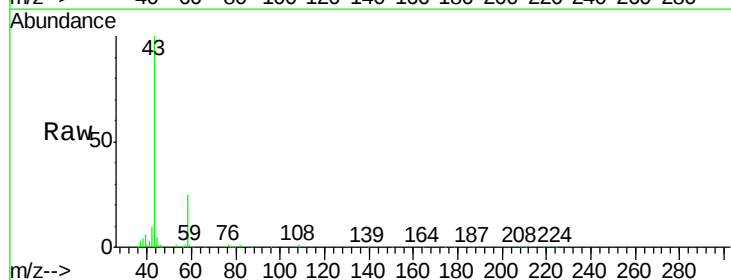
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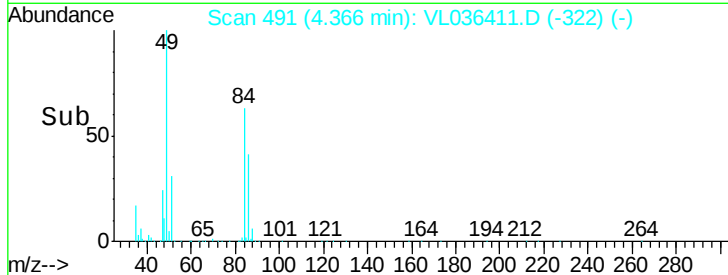
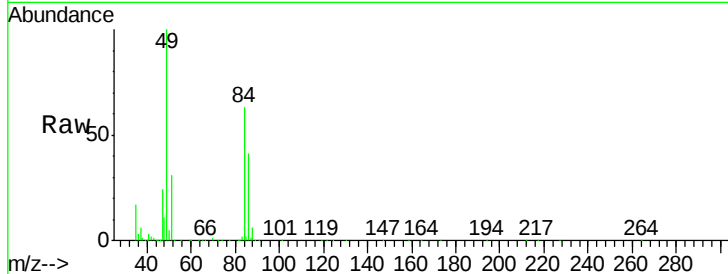
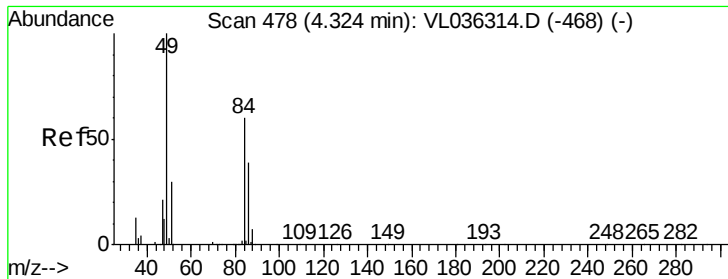
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#15
Acetone
Concen: 0.644 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL036411.D
Acq: 1 Mar 2021 12:49

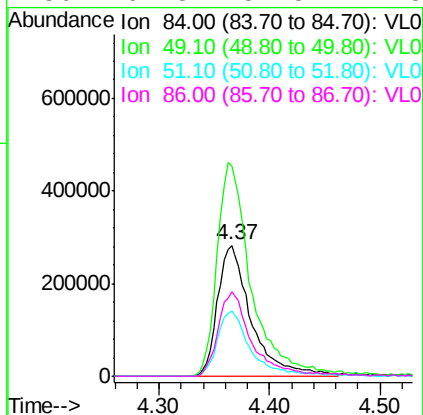
Tgt Ion: 43 Resp: 141360
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5#





#20
Methylene Chloride
Concen: 8.457 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.04 min
Lab File: VL036411.D
Acq: 1 Mar 2021 12:49

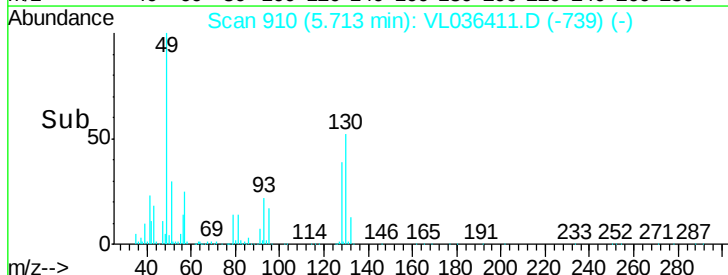
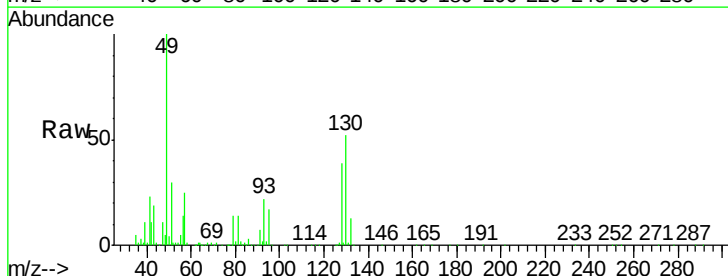
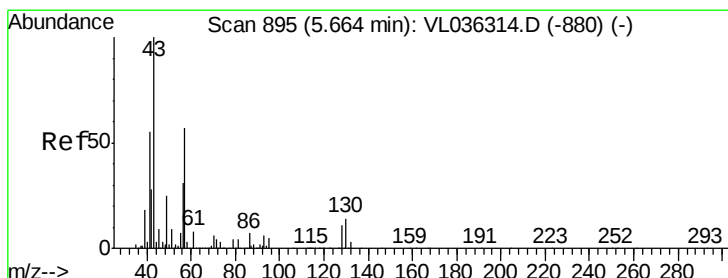
Tgt Ion	Ratio	Lower	Upper
84	100		
49	159.6	133.8	200.8
51	49.9	41.4	62.0
86	64.8	51.5	77.3



Instrument :
MSVOA_L
ClientSampleId :
NS-12DL

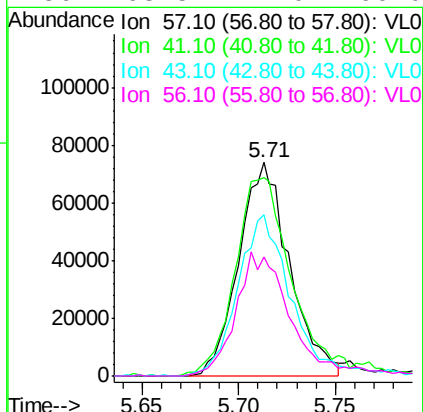
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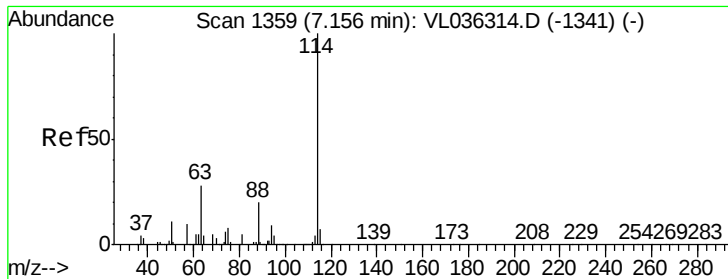
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#26
Hexane
Concen: 0.774 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.05 min
Lab File: VL036411.D
Acq: 1 Mar 2021 12:49

Tgt Ion	Ratio	Lower	Upper
57	100		
41	109.3	81.7	122.5
43	80.8	199.1	298.7
56	63.5	44.0	66.0





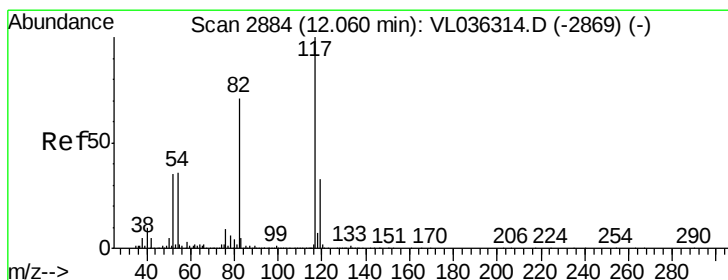
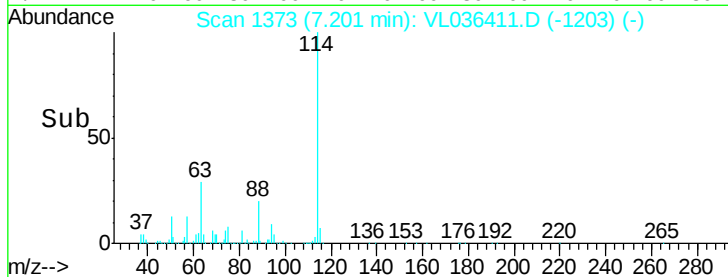
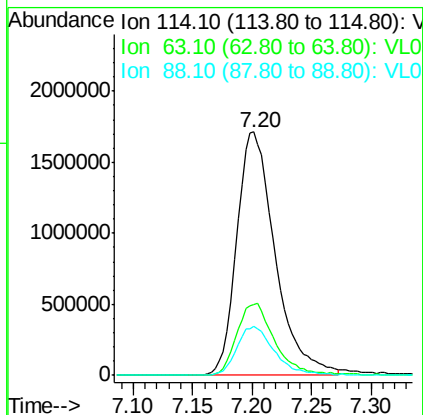
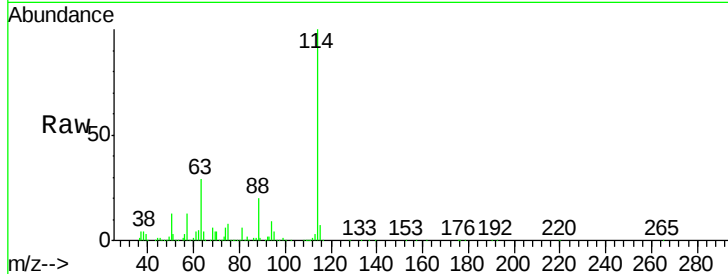
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.05 min
 Lab File: VL036411.D
 Acq: 1 Mar 2021 12:49

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-12DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.1	36.1
88	20.0	16.0	24.0

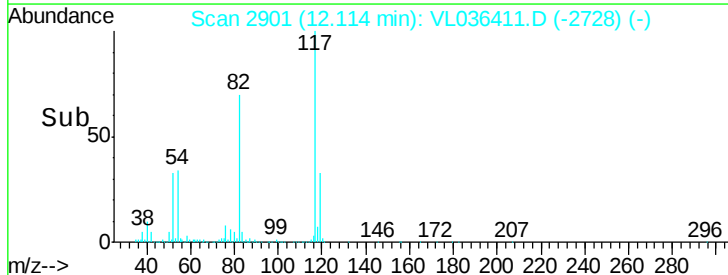
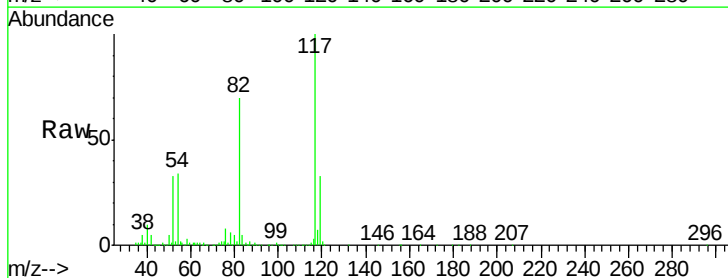
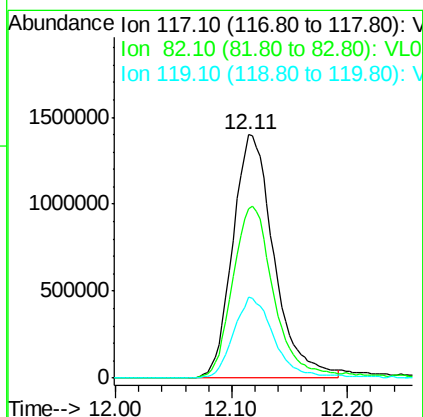
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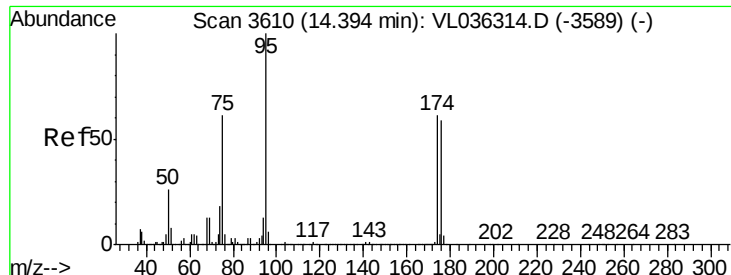
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. 0.05 min
 Lab File: VL036411.D
 Acq: 1 Mar 2021 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	74.1	59.1	88.7
119	33.1	46.3	69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.242 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.05 min

Lab File: VL036411.D

Acq: 1 Mar 2021 12:49

Instrument :

MSVOA_L

ClientSampleId :

NS-12DL

Tgt Ion: 95 Resp: 2624226

Ion Ratio Lower Upper

95 100

174 67.1 49.8 74.6

175 4.8 3.7 5.5

Manual Integrations
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