

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
 Data File : VL036414.D
 Acq On : 1 Mar 2021 14:39
 Operator : SY/AP
 Sample : M1463-14DL DUP 4X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-6DL DUP

Manual Integrations
 APPROVED

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Quant Time: Mar 02 11:39:55 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	1569102	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	3314341	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.12	117	2915099	10.00	ppbv	0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2234706	9.32	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.64	45	69676m	5.103	ppbv	
20) Methylene Chloride	4.37	84	499203	8.067	ppbv	94
26) Hexane	5.71	57	595299	3.913	ppbv #	38

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

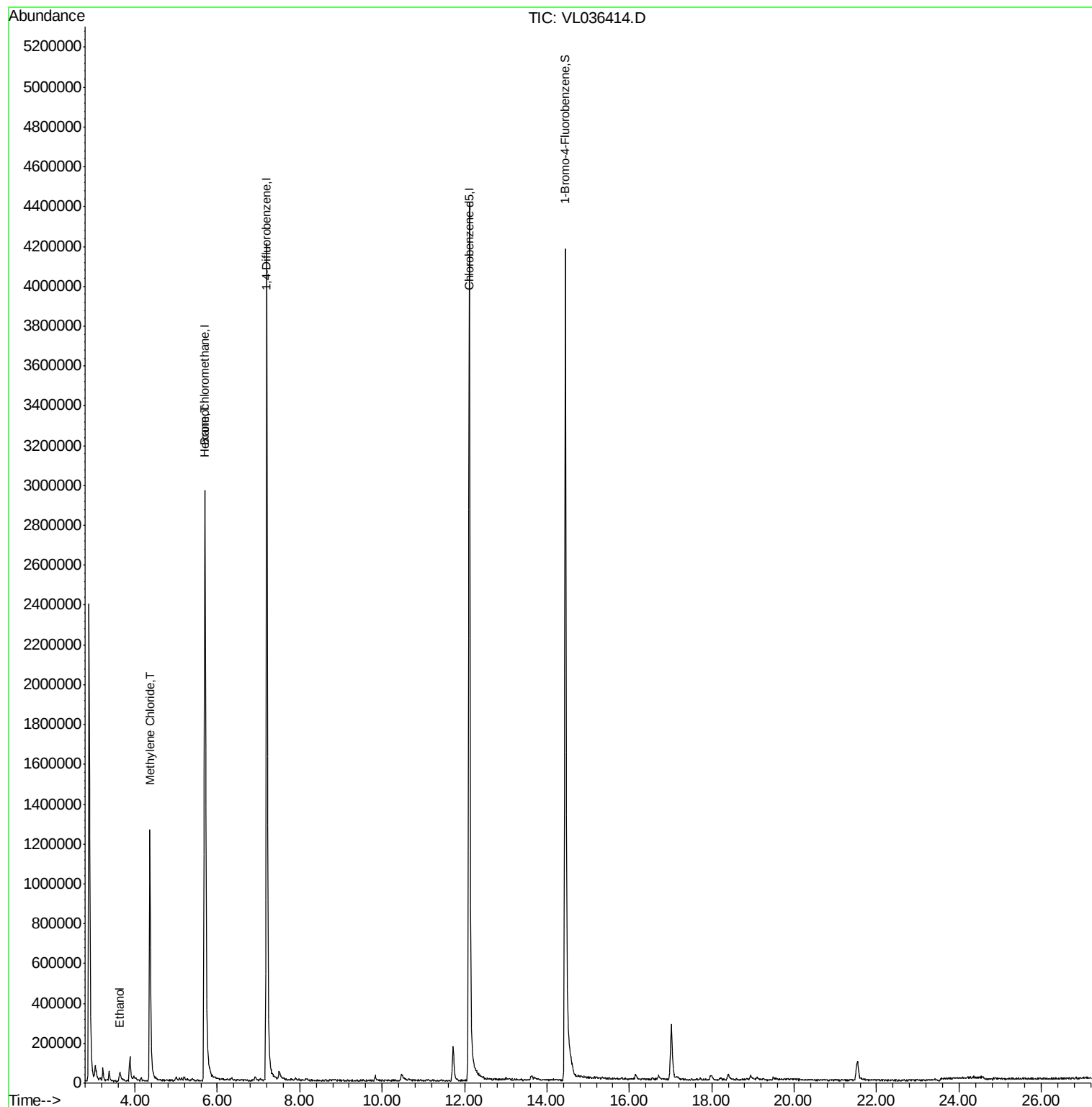
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
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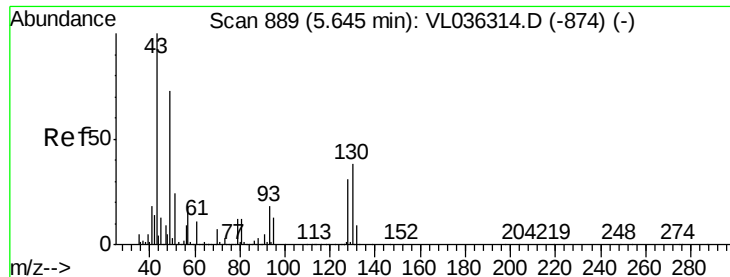
Instrument :
MSVOA_L
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Quant Time: Mar 02 11:39:55 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.04 min

Lab File: VL036414.D

Acq: 1 Mar 2021 14:39

Instrument :

MSVOA_L

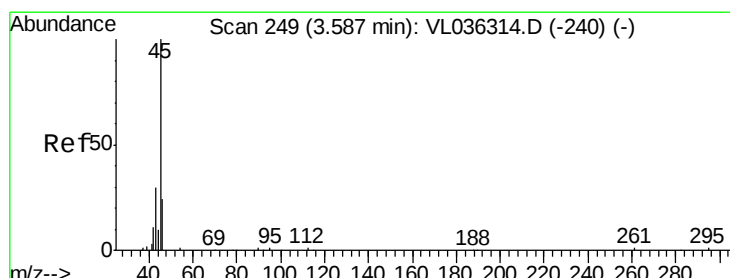
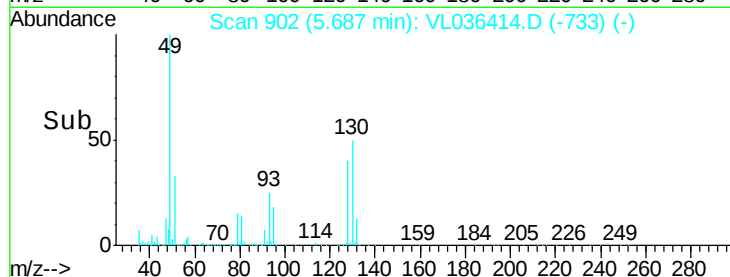
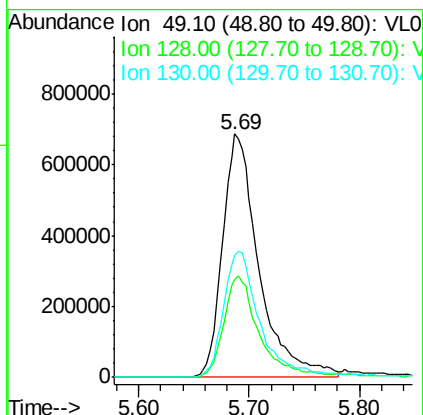
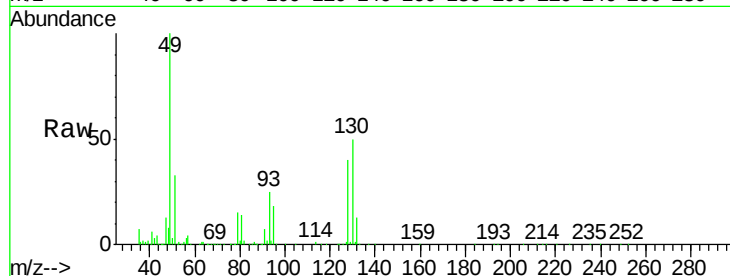
ClientSampleId :

NS-6DLUP

Tgt Ion:	49	Resp:	1569102
Ion	Ratio	Lower	Upper
49	100		
128	41.5	20.8	62.5
130	53.7	26.7	80.1

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#13

Ethanol

Concen: 5.103 ppbv m

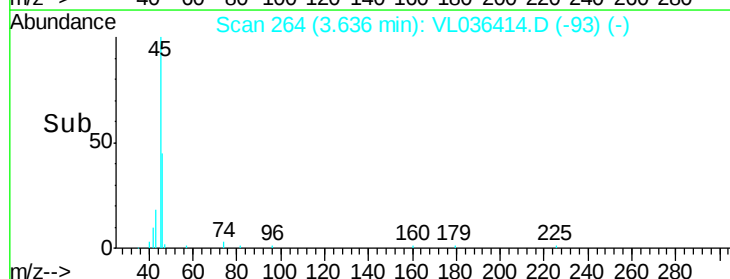
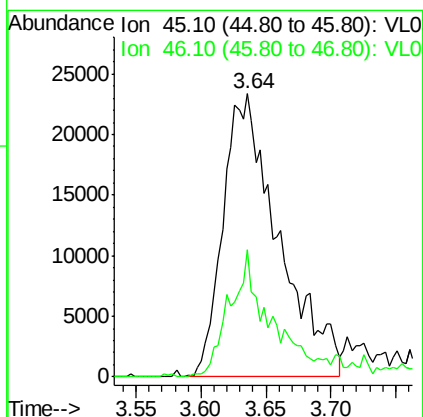
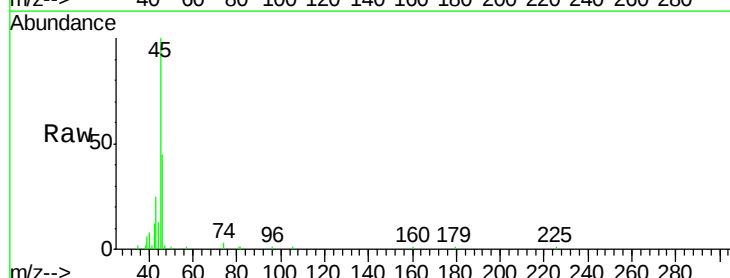
RT: 3.64 min Scan# 264

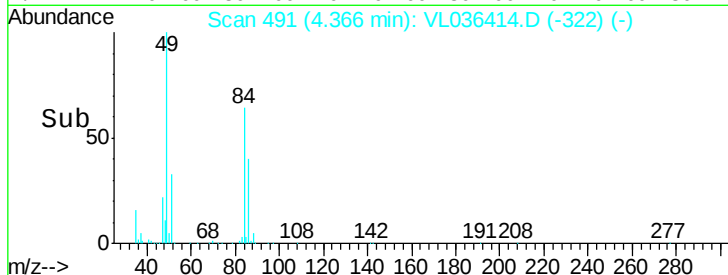
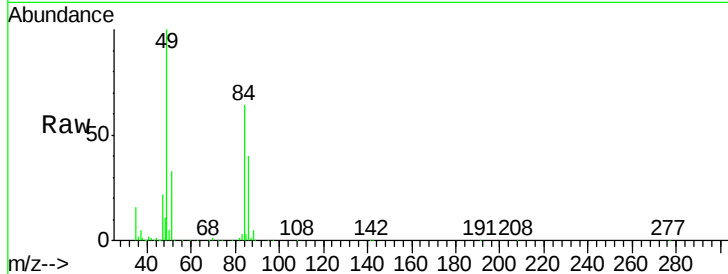
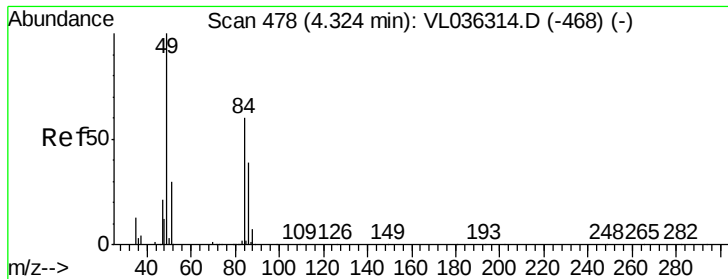
Delta R.T. 0.05 min

Lab File: VL036414.D

Acq: 1 Mar 2021 14:39

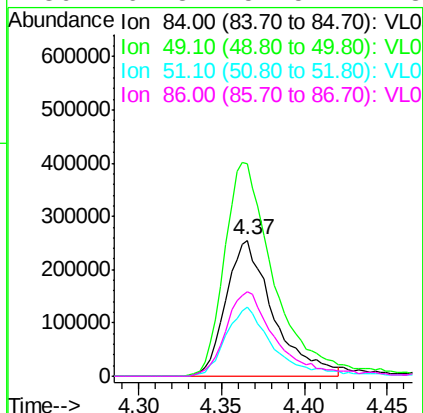
Tgt Ion:	45	Resp:	69676
Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.7	70.7#





#20
Methylene Chloride
Concen: 8.067 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.04 min
Lab File: VL036414.D
Acq: 1 Mar 2021 14:39

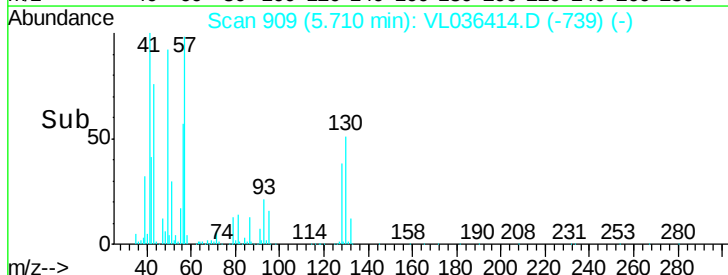
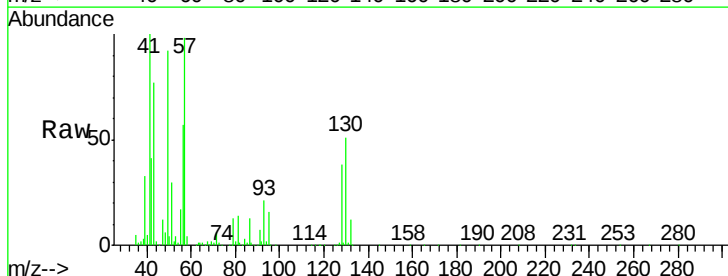
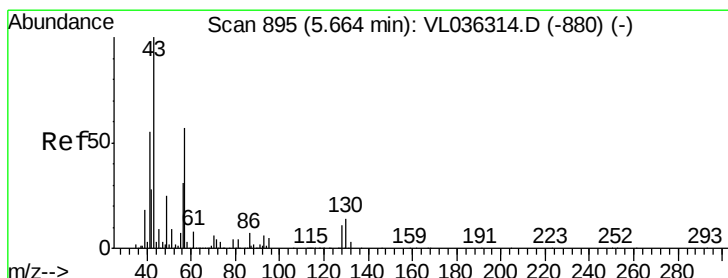
Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.2	133.8	200.8
51	50.8	41.4	62.0
86	61.8	51.5	77.3



Instrument :
MSVOA_L
ClientSampleId :
NS-6DLDP

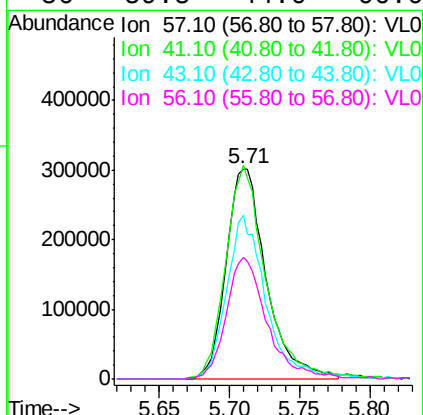
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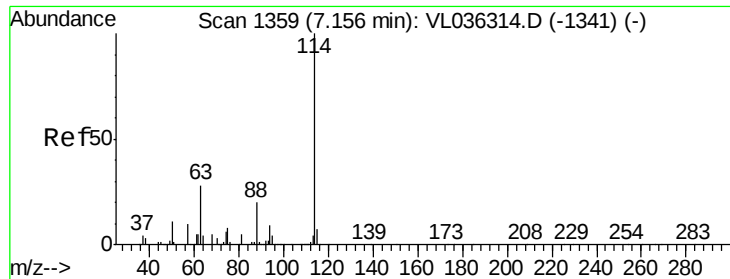
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#26
Hexane
Concen: 3.913 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.05 min
Lab File: VL036414.D
Acq: 1 Mar 2021 14:39

Tgt Ion	Ratio	Lower	Upper
57	100		
41	104.1	81.7	122.5
43	77.8	199.1	298.7#
56	59.5	44.0	66.0





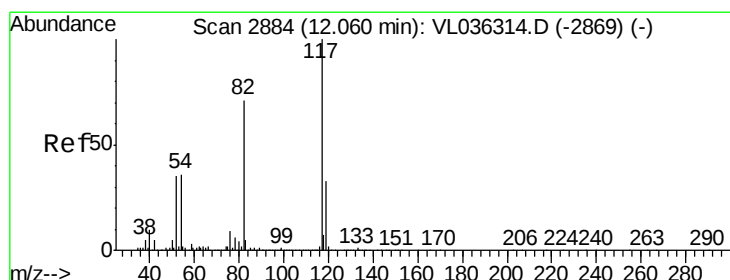
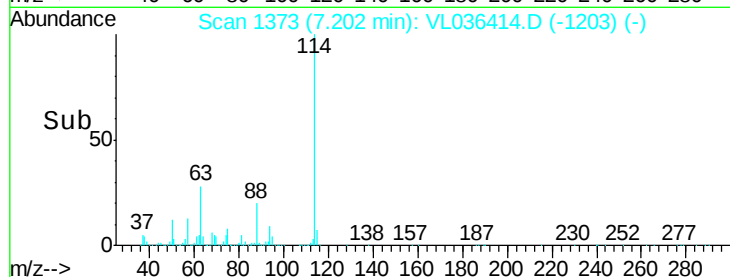
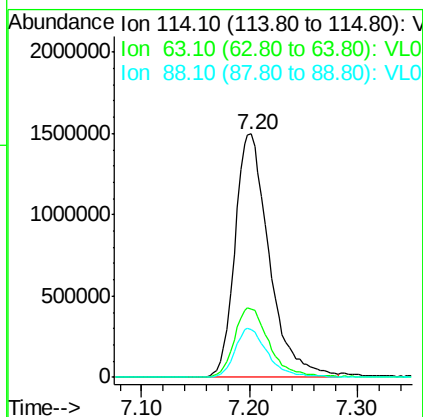
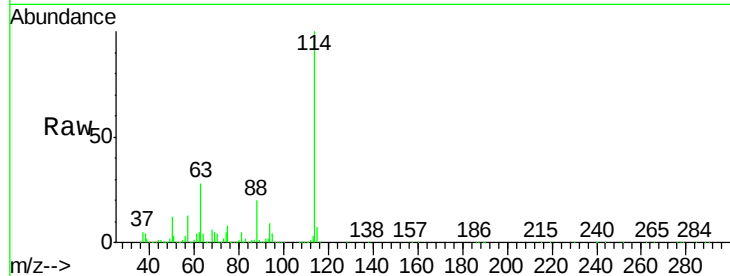
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.05 min
 Lab File: VL036414.D
 Acq: 1 Mar 2021 14:39

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-6DLUP

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.5	16.0	24.0

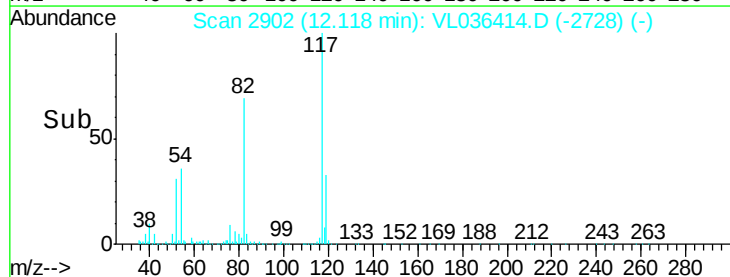
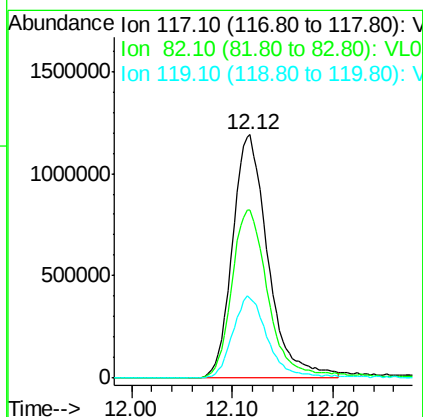
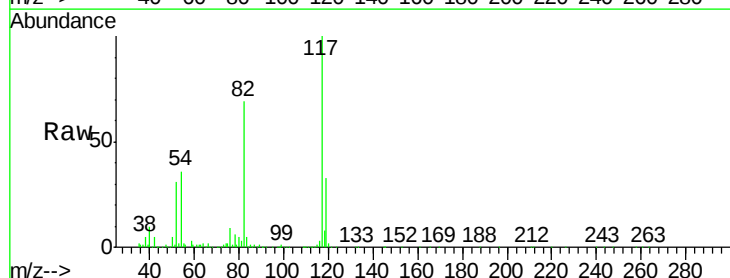
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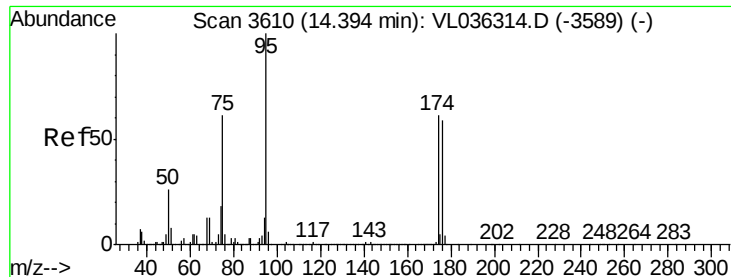
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. 0.06 min
 Lab File: VL036414.D
 Acq: 1 Mar 2021 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.8	59.1	88.7
119	34.3	46.3	69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.317 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.05 min

Lab File: VL036414.D

Acq: 1 Mar 2021 14:39

Instrument :

MSVOA_L

ClientSampleId :

NS-6DLUP

Tgt Ion: 95 Resp: 2234706

Ion Ratio Lower Upper

95 100

174 65.3 49.8 74.6

175 4.2 3.7 5.5

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