

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
 Data File : VL036413.D
 Acq On : 1 Mar 2021 14:03
 Operator : SY/AP
 Sample : M1463-14DL 4X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-6DL

Manual Integrations
 APPROVED

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Quant Time: Mar 02 11:38:53 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	1563526	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.20	114	3335516	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.12	117	2976250	10.00	ppbv	0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2239080	9.14	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.64	45	72677m	5.342	ppbv	
20) Methylene Chloride	4.37	84	505555	8.199	ppbv	92
26) Hexane	5.71	57	597713	3.943	ppbv #	39

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

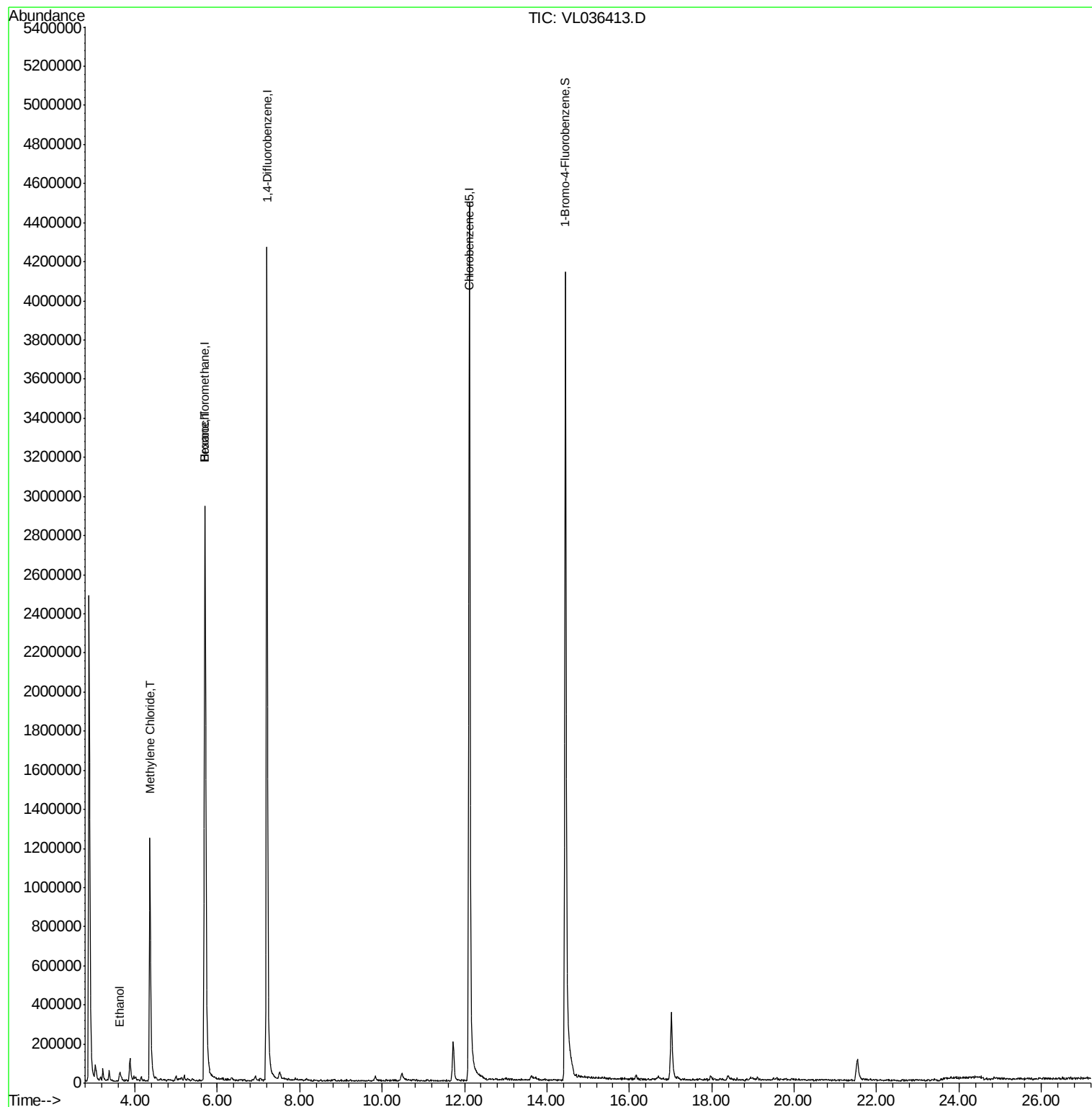
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
Data File : VL036413.D
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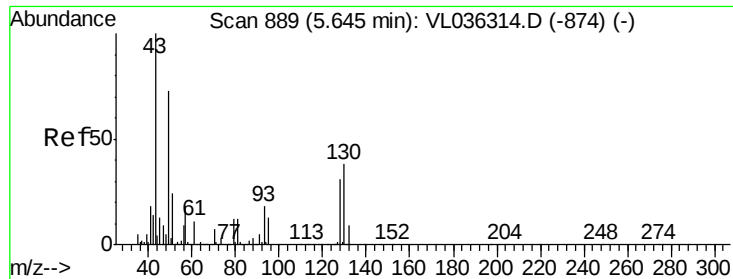
Instrument :
MSVOA_L
ClientSampleId :
NS-6DL

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Quant Time: Mar 02 11:38:53 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# 903

Delta R.T. 0.05 min

Lab File: VL036413.D

Acq: 1 Mar 2021 14:03

Instrument :

MSVOA_L

ClientSampled :

NS-6DL

Tgt Ion: 49 Resp: 1563526

Ion Ratio Lower Upper

49 100

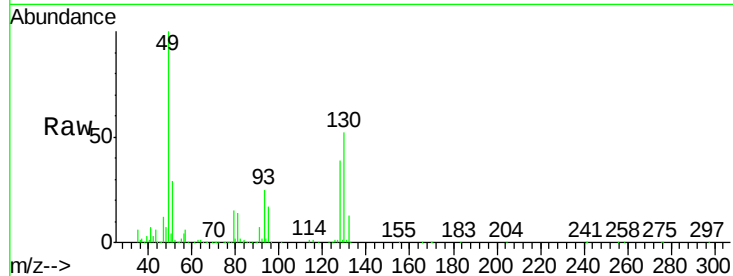
128 41.6 20.8 62.5

130 53.5 26.7 80.1

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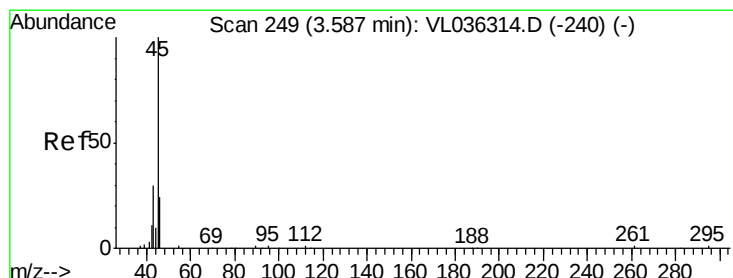
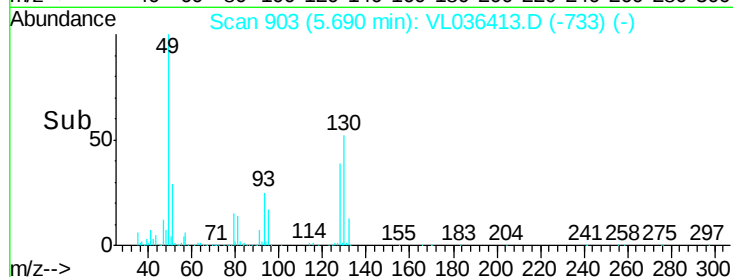
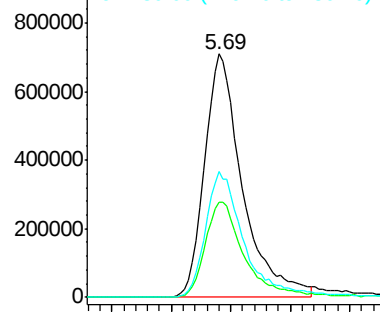
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 5.342 ppbv m

RT: 3.64 min Scan# 265

Delta R.T. 0.05 min

Lab File: VL036413.D

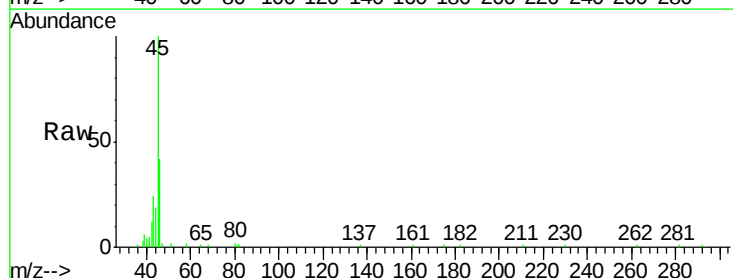
Acq: 1 Mar 2021 14:03

Tgt Ion: 45 Resp: 72677

Ion Ratio Lower Upper

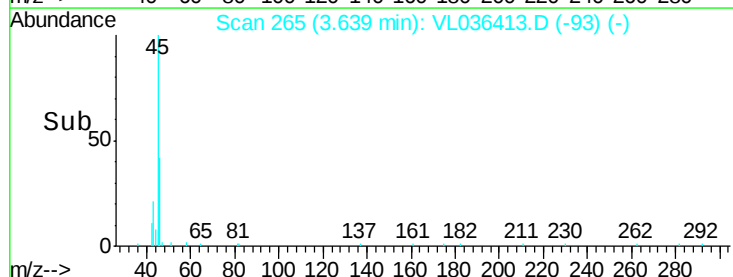
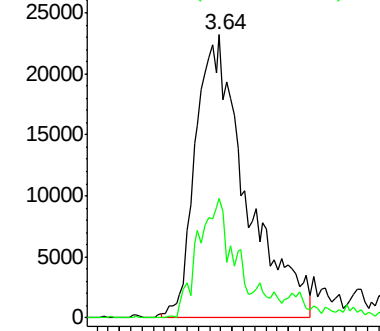
45 100

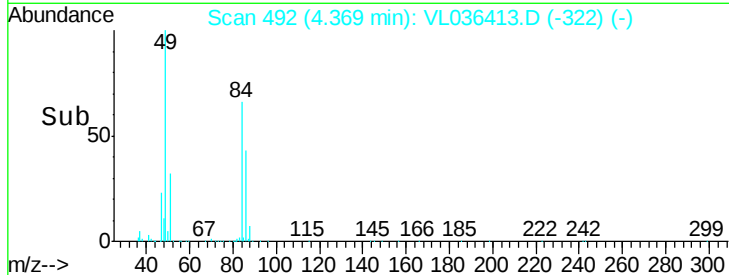
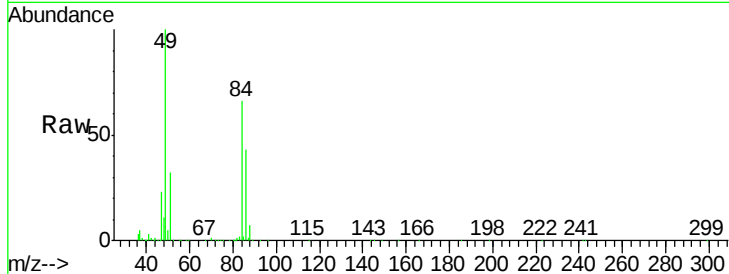
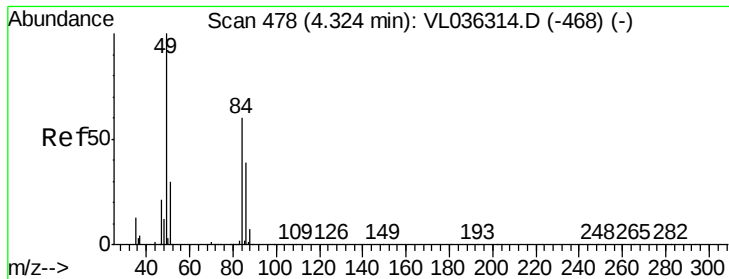
46 0.0 17.7 70.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

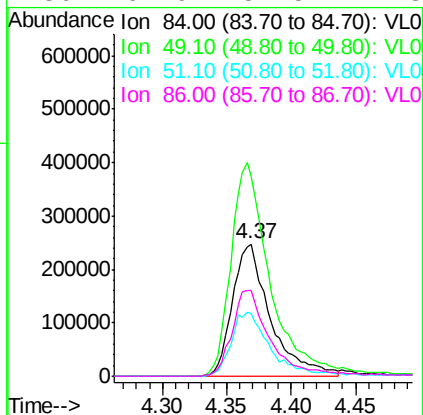
Ion 46.10 (45.80 to 46.80): VL0





#20
Methylene Chloride
Concen: 8.199 ppbv
RT: 4.37 min Scan# 492
Delta R.T. 0.05 min
Lab File: VL036413.D
Acq: 1 Mar 2021 14:03

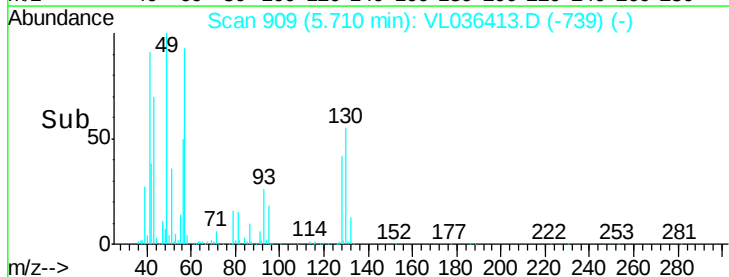
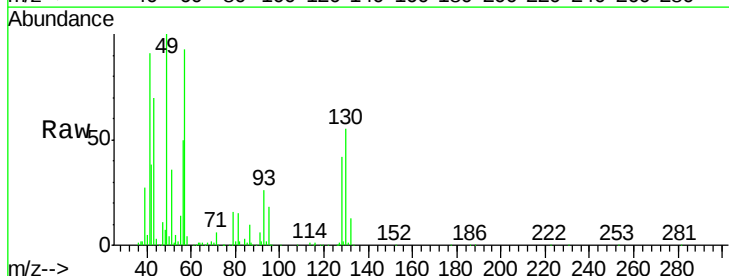
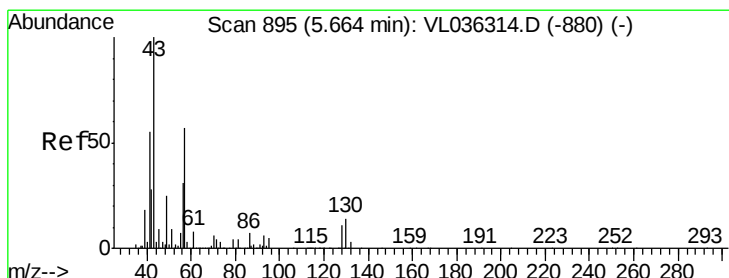
Tgt Ion	Ratio	Lower	Upper
84	100		
49	151.0	133.8	200.8
51	47.8	41.4	62.0
86	64.9	51.5	77.3



Instrument :
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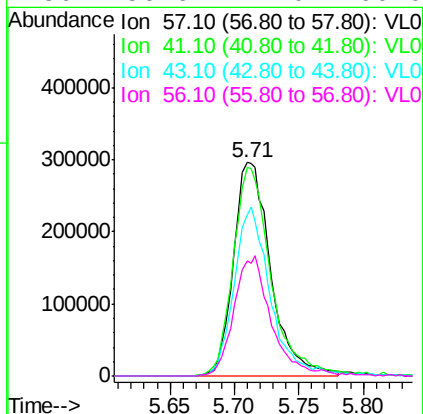
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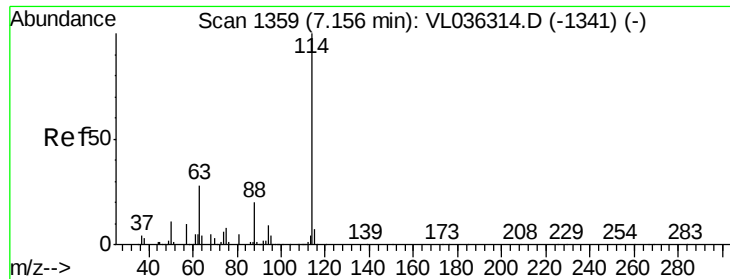
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#26
Hexane
Concen: 3.943 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.05 min
Lab File: VL036413.D
Acq: 1 Mar 2021 14:03

Tgt Ion	Ratio	Lower	Upper
57	100		
41	100.6	81.7	122.5
43	77.3	199.1	298.7#
56	56.6	44.0	66.0





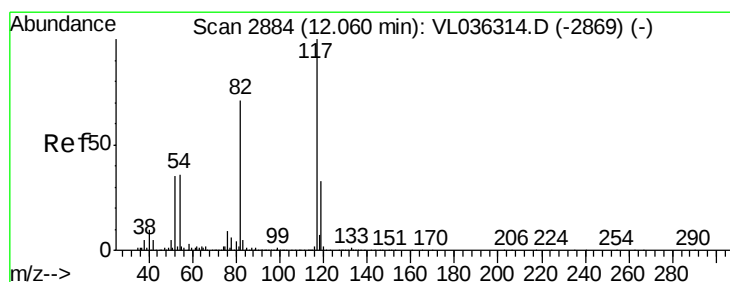
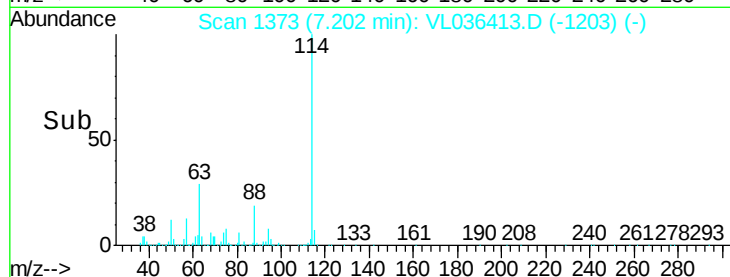
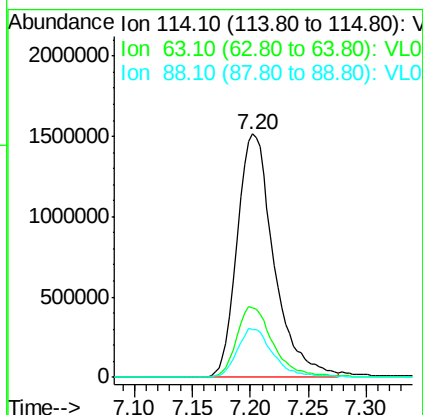
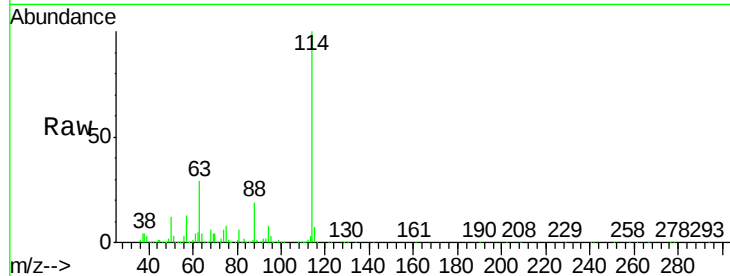
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.05 min
 Lab File: VL036413.D
 Acq: 1 Mar 2021 14:03

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-6DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	19.8	16.0	24.0

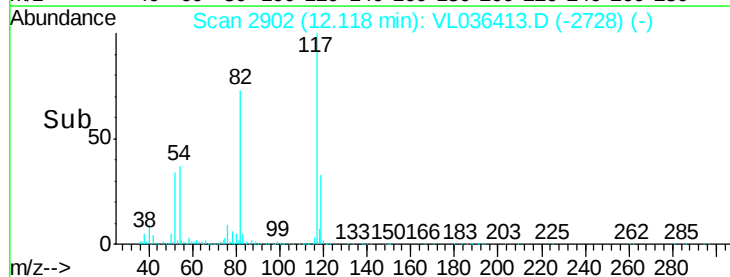
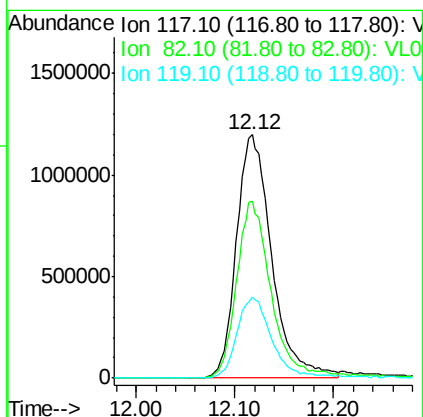
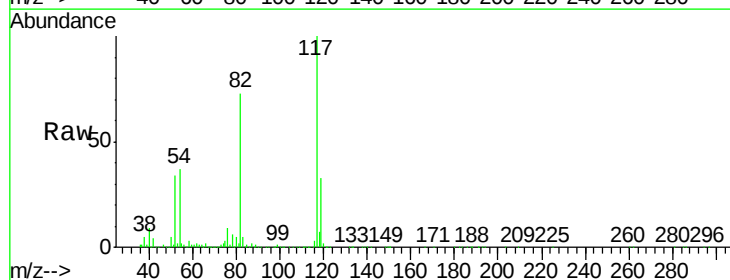
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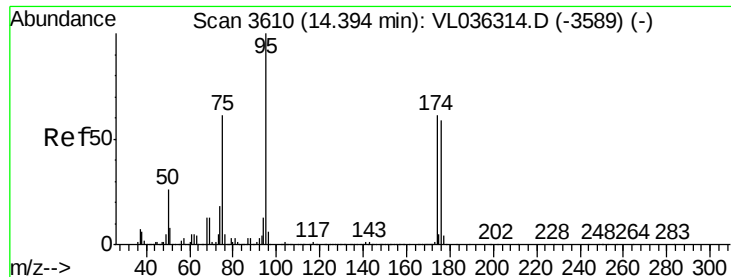
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. 0.06 min
 Lab File: VL036413.D
 Acq: 1 Mar 2021 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.9	59.1	88.7
119	33.6	46.3	69.5#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.144 ppbv
 RT: 14.45 min Scan# 3627
 Delta R.T. 0.05 min
 Lab File: VL036413.D
 Acq: 1 Mar 2021 14:03

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-6DL

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.7	49.8	74.6
175	4.8	3.7	5.5

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