

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
 Data File : VL037658.D
 Acq On : 23 Sep 2021 12:17
 Operator : SY/AP
 Sample : CAN 10597
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10597

Manual Integrations
 APPROVED

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 9/27/2021 10:56:29 AM

Quant Time: Sep 24 06:49:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1333145	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3983051	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3351036	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2369954	9.79	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.88	43	31274m	0.226	ppbv	
20) Methylene Chloride	4.35	84	79405m	1.201	ppbv	
26) Hexane	5.70	57	66706	0.419	ppbv #	43

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

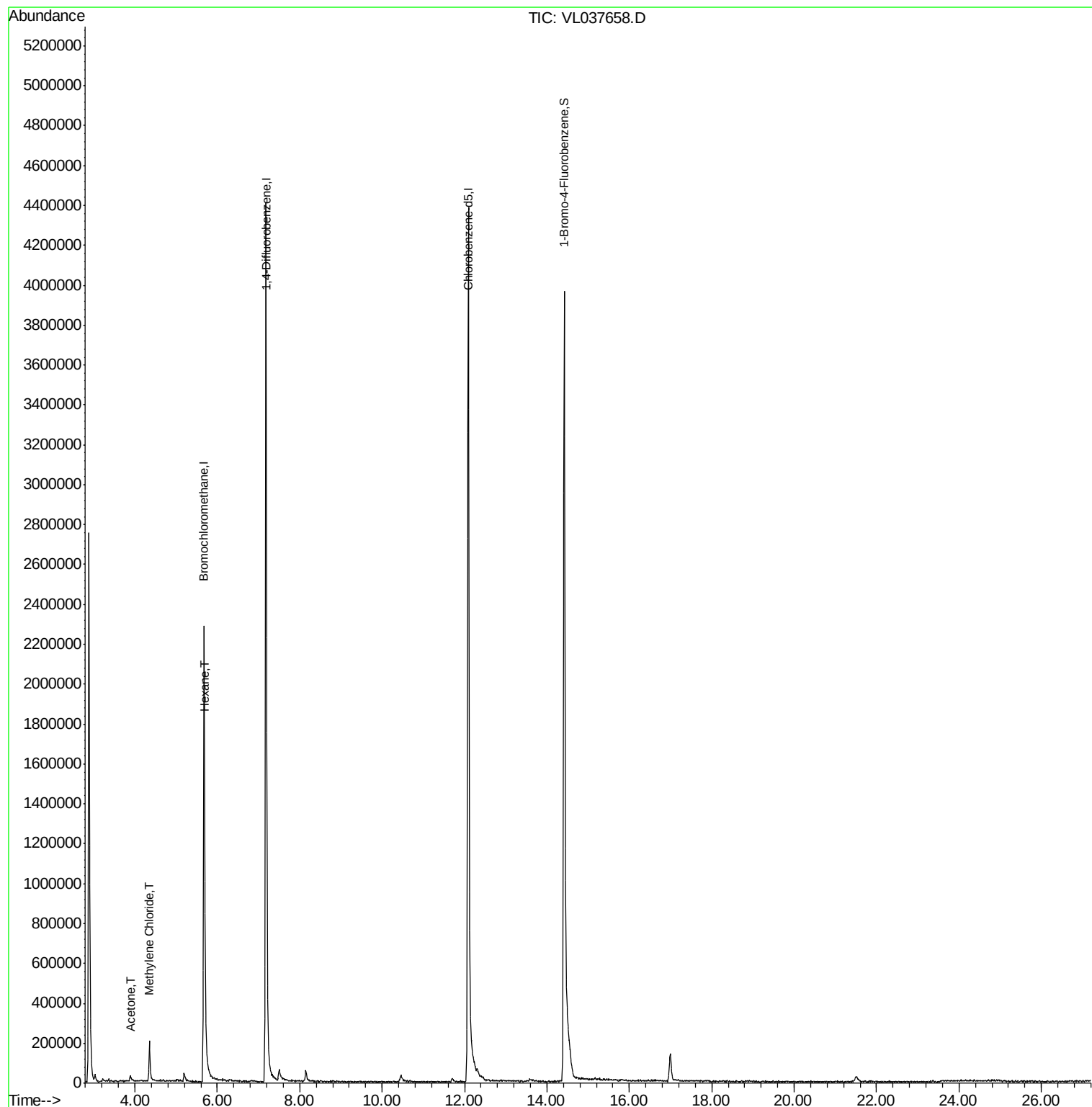
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
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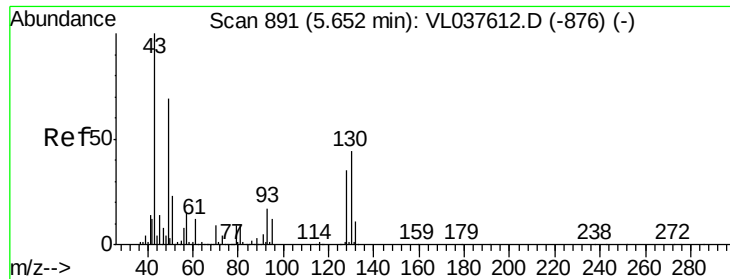
Instrument :
MSVOA_L
ClientSampleId :
CAN 10597

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Quant Time: Sep 24 06:49:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





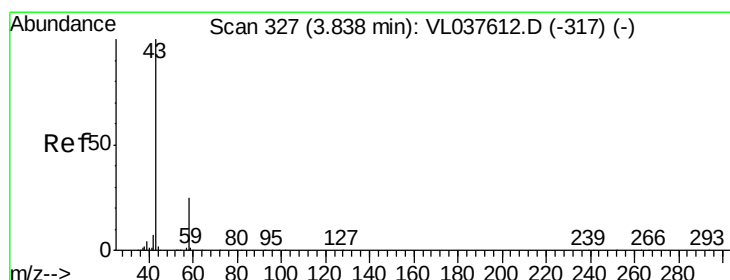
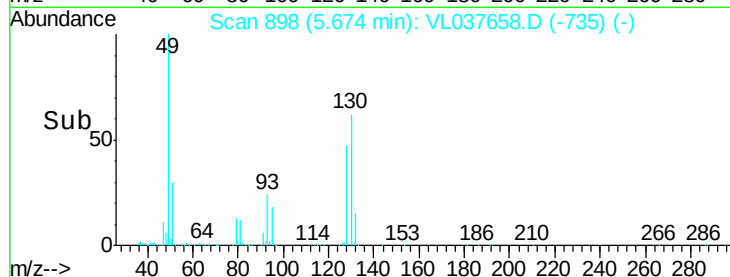
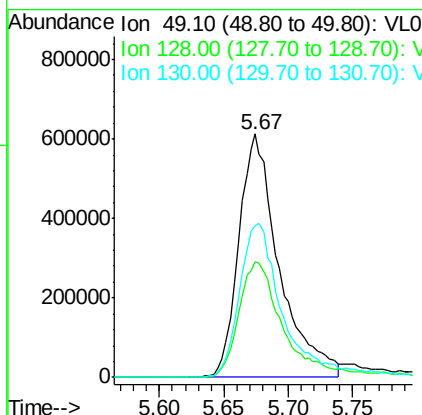
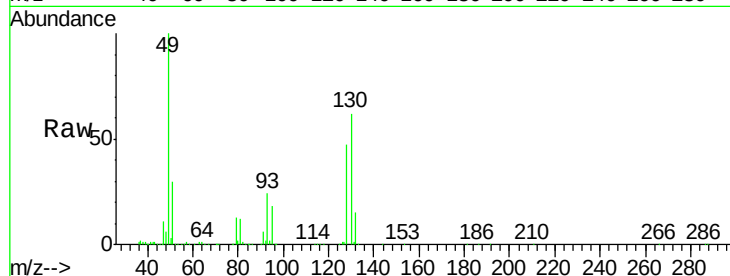
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.02 min
Lab File: VL037658.D
Acq: 23 Sep 2021 12:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10597

Tgt Ion: 49 Resp: 1333145
Ion Ratio Lower Upper
49 100
128 54.5 27.9 83.6
130 70.6 33.9 101.7

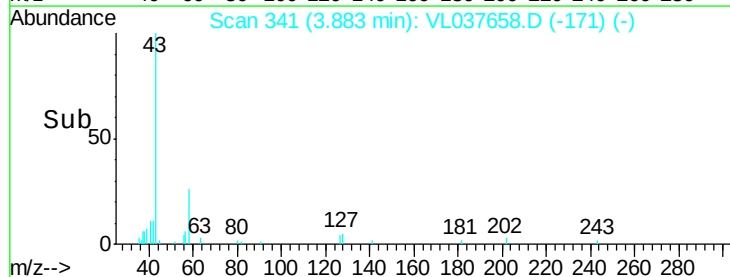
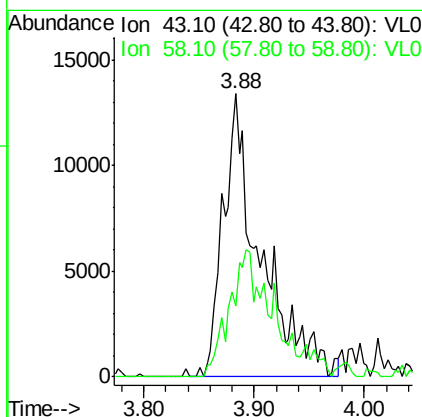
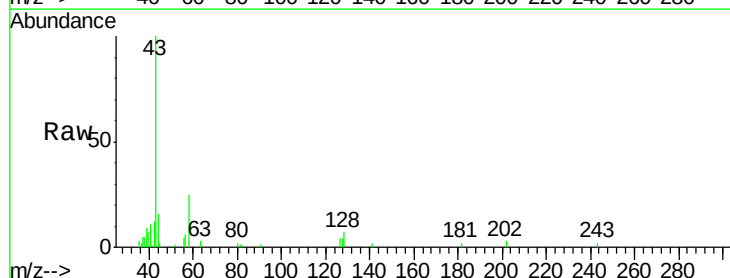
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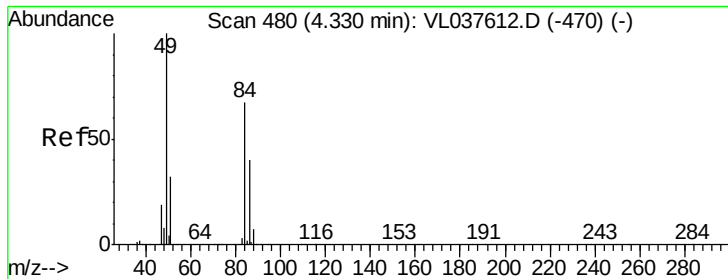
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#15
Acetone
Concen: 0.226 ppbv m
RT: 3.88 min Scan# 341
Delta R.T. 0.05 min
Lab File: VL037658.D
Acq: 23 Sep 2021 12:17

Tgt Ion: 43 Resp: 31274
Ion Ratio Lower Upper
43 100
58 0.0 24.9 37.3#





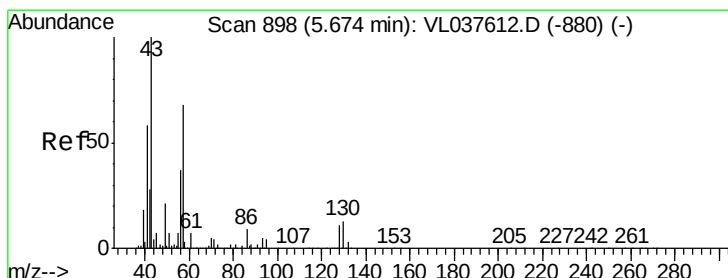
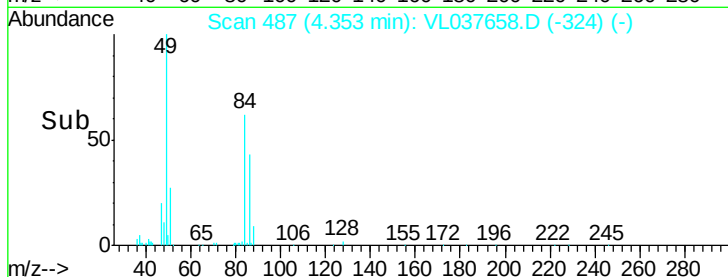
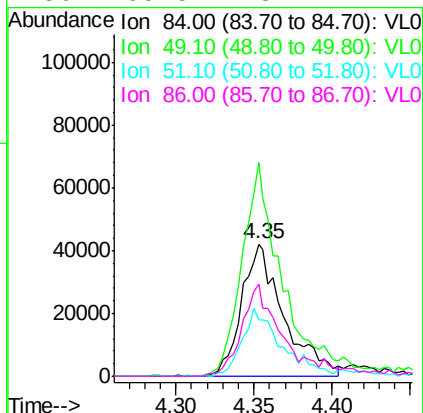
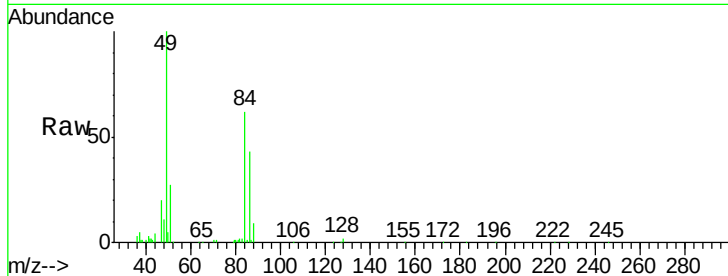
#20
Methylene Chloride
Concen: 1.201 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037658.D
Acq: 23 Sep 2021 12:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10597

Tgt Ion	Ratio	Lower	Upper
84	100		
49	161.6	120.0	180.0
51	42.9	38.0	57.0
86	69.5	48.2	72.2

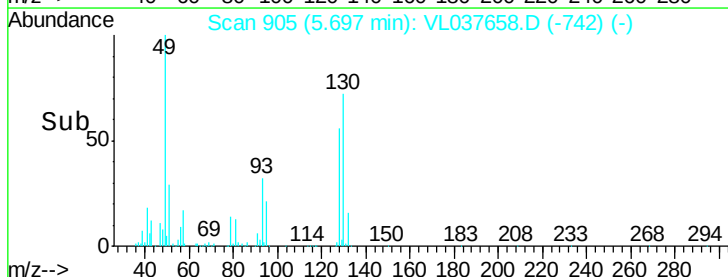
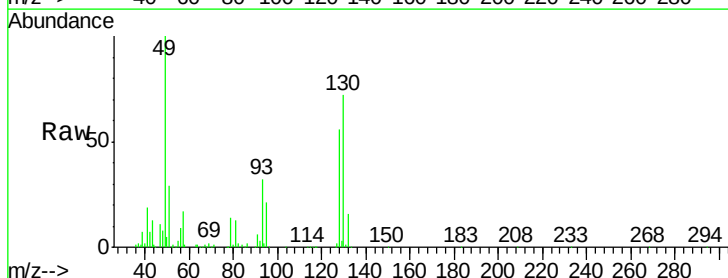
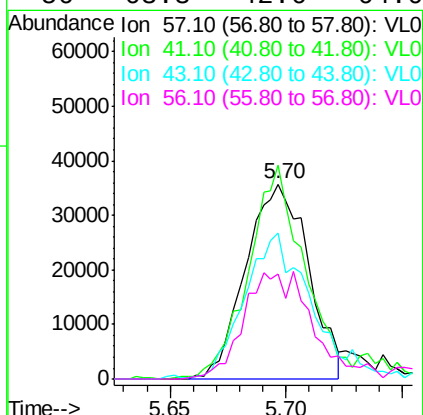
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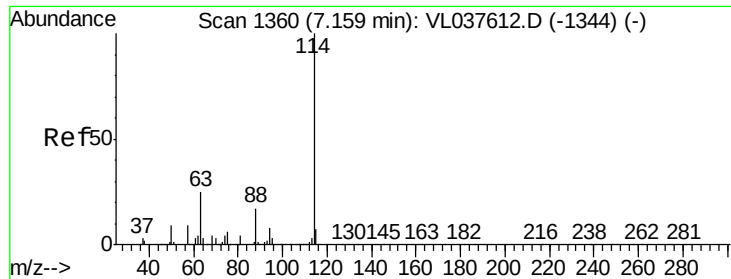
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#26
Hexane
Concen: 0.419 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.02 min
Lab File: VL037658.D
Acq: 23 Sep 2021 12:17

Tgt Ion	Ratio	Lower	Upper
57	100		
41	108.7	70.9	106.3#
43	83.2	170.4	255.6#
56	63.3	42.6	64.0





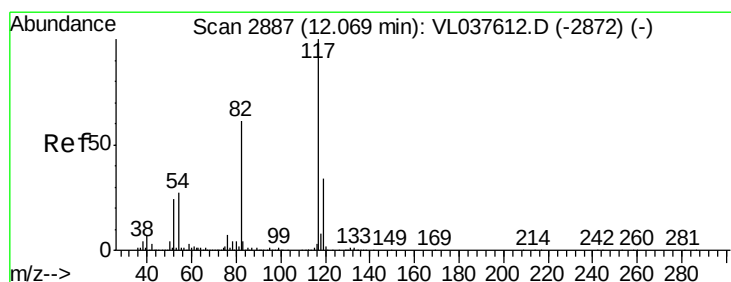
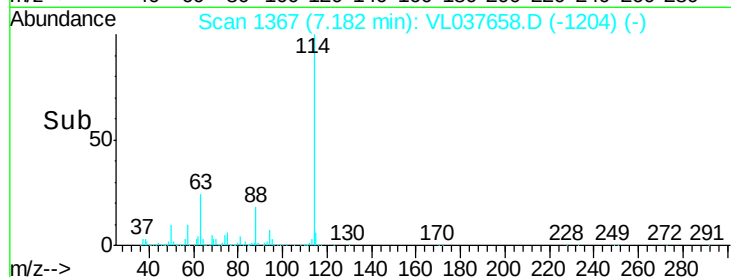
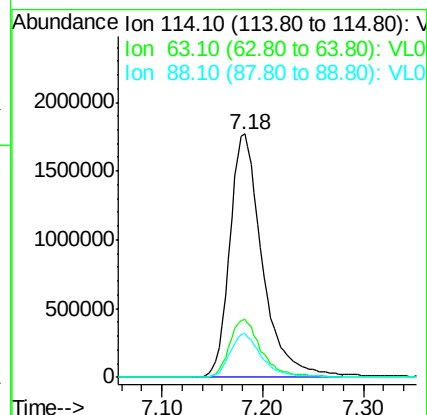
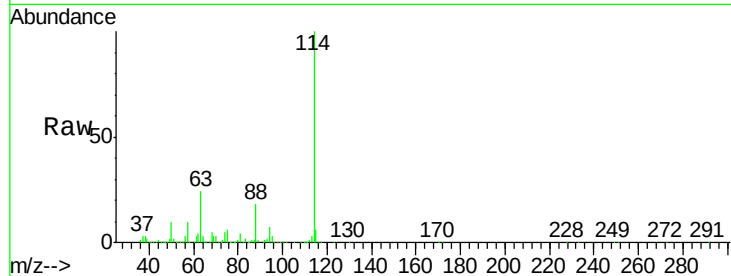
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.02 min
 Lab File: VL037658.D
 Acq: 23 Sep 2021 12:17

Instrument :
 MSVOA_L
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 CAN 10597

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.6	29.4
88	17.9	14.2	21.4

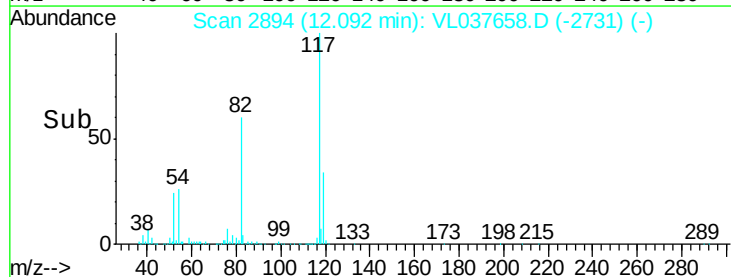
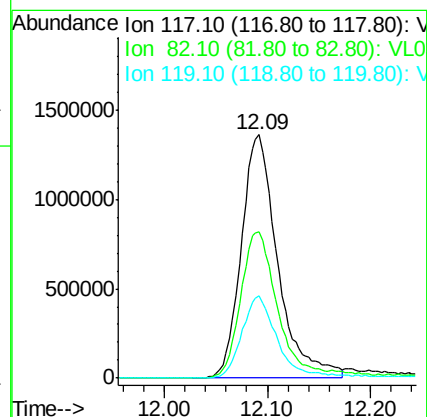
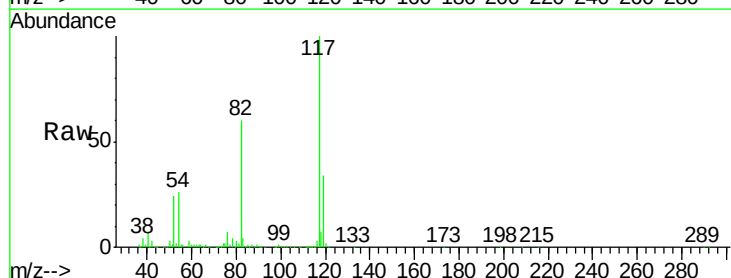
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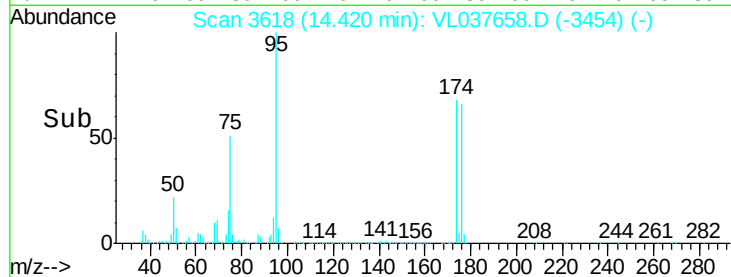
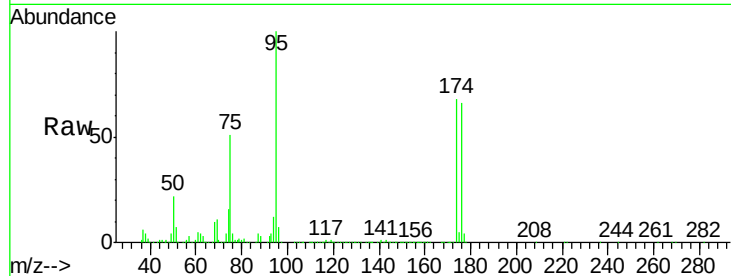
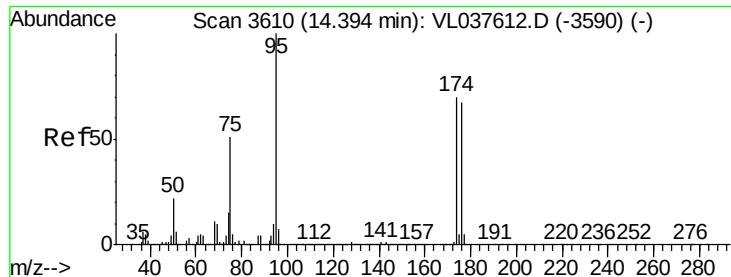
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. 0.02 min
 Lab File: VL037658.D
 Acq: 23 Sep 2021 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.7	50.6	75.8
119	33.8	26.2	39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.786 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL037658.D

Acq: 23 Sep 2021 12:17

Instrument :

MSVOA_L

ClientSampleId :

CAN 10597

Tgt Ion: 95 Resp: 2369954

Ion Ratio Lower Upper

95 100

174 75.7 56.3 84.5

175 5.3 4.4 6.6

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