

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037850.D
 Acq On : 13 Oct 2021 10:39
 Operator : SY/AP
 Sample : OC101221 CAN 1065
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 QC101221 CAN 1065

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 03:12:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1225836	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3532083	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2909383	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1993603	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14627m	0.169	ppbv	
13) Ethanol	3.62	45	44405m	6.265	ppbv	
15) Acetone	3.85	43	96184m	0.874	ppbv	
20) Methylene Chloride	4.34	84	304087	5.469	ppbv	97
26) Hexane	5.68	57	152624	1.004	ppbv #	44

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

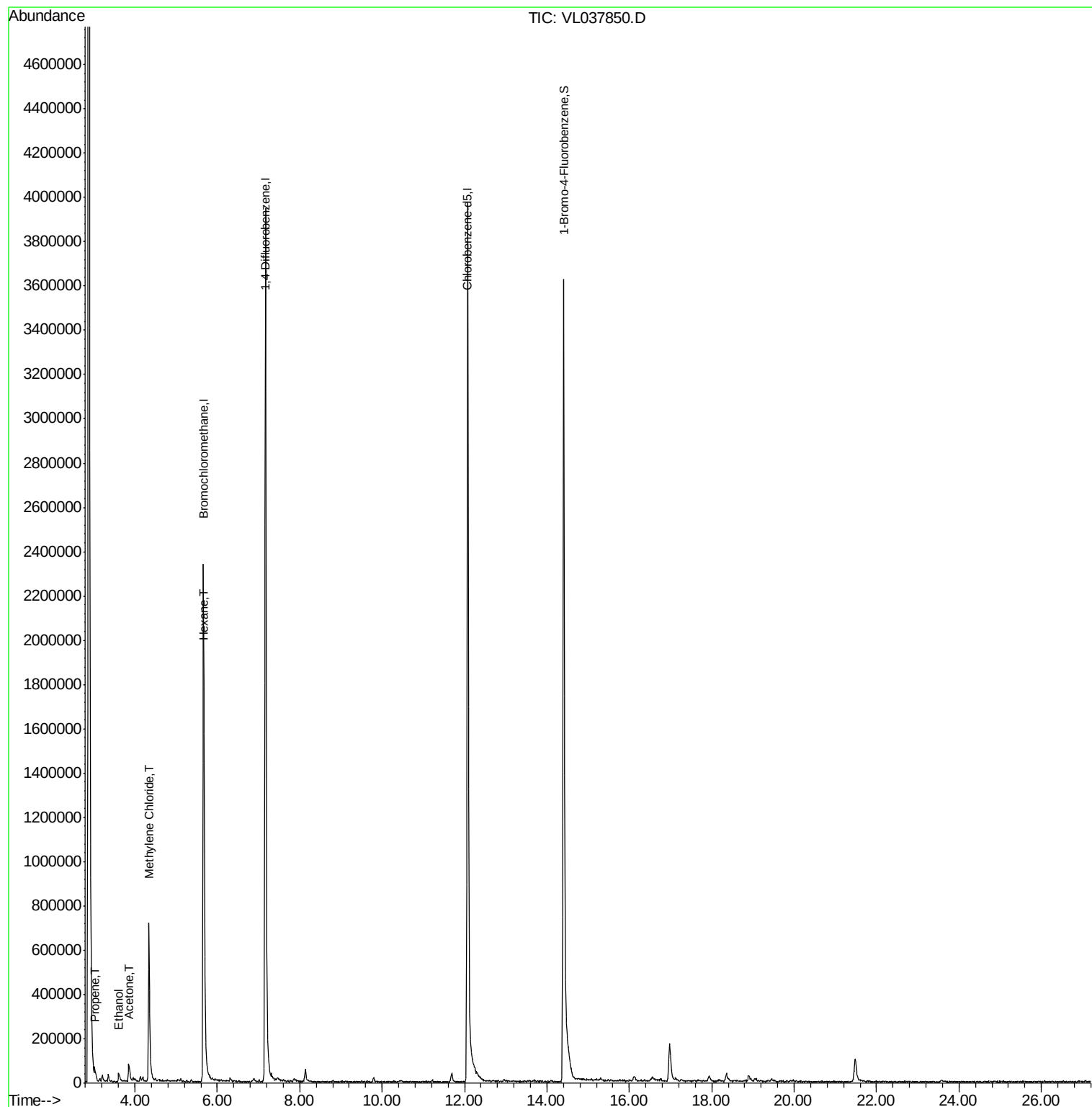
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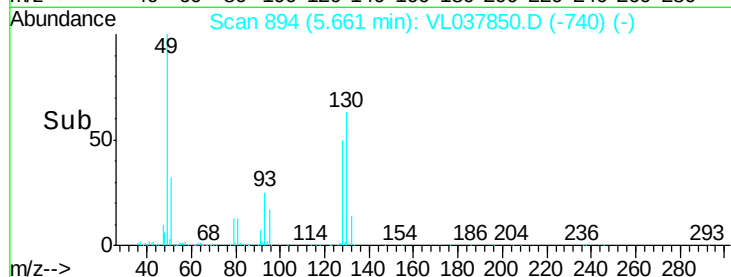
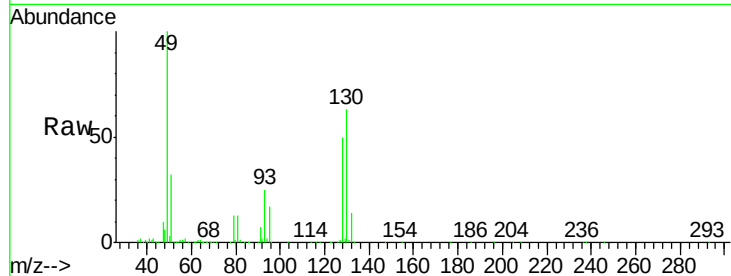
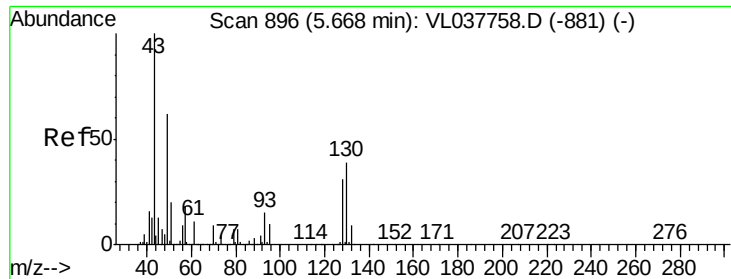
Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421
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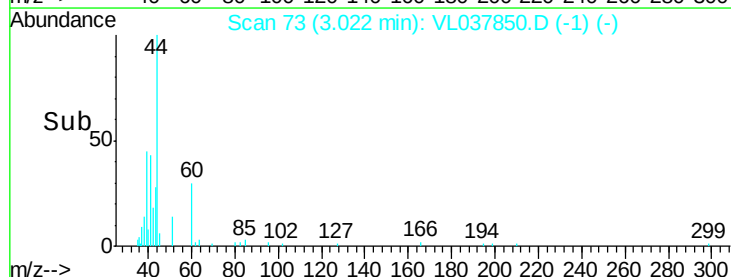
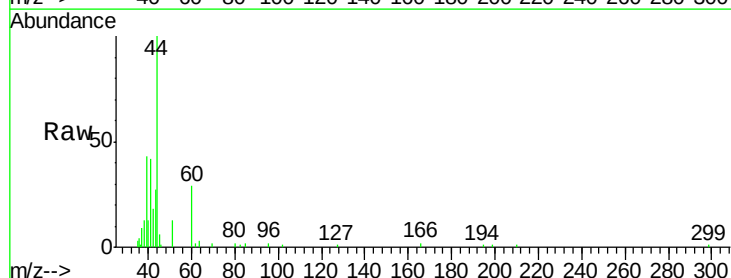
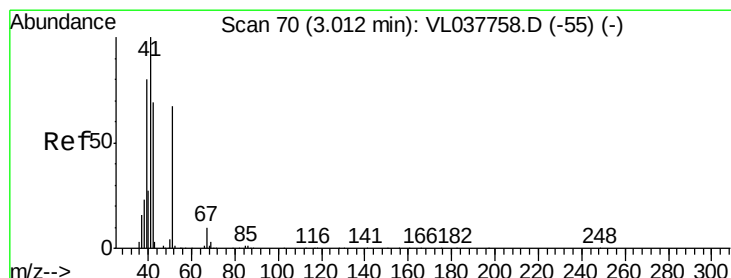
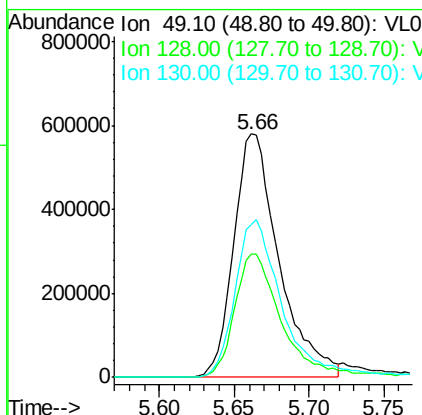


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Oct 2021 10:39

Tot Ion:
 Ion Ratio
 49 100
 128 54.
 130 68.

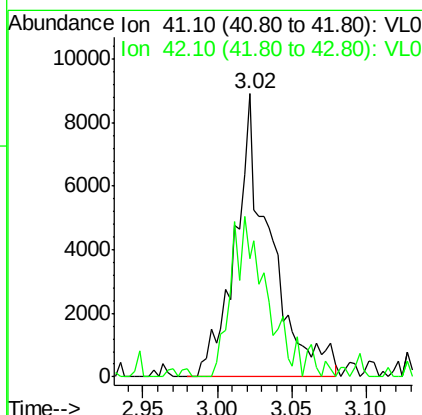
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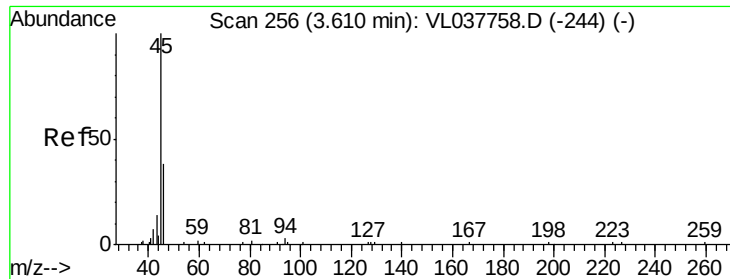
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#9
 Propene
 Concen: 0.169 ppbv m
 RT: 3.02 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: VL037850.D
 Acq: 13 Oct 2021 10:39

Tgt Ion: 41 Resp: 14627
 Ion Ratio Lower Upper
 41 100
 42 24.8 54.2 81.2#



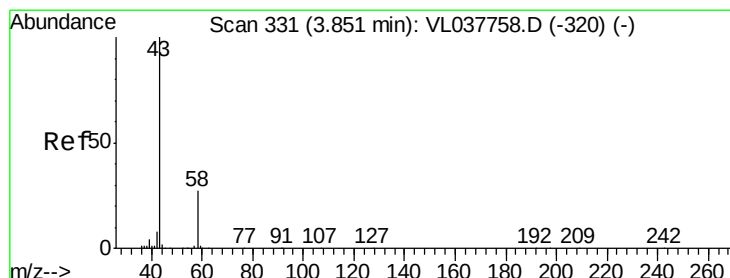
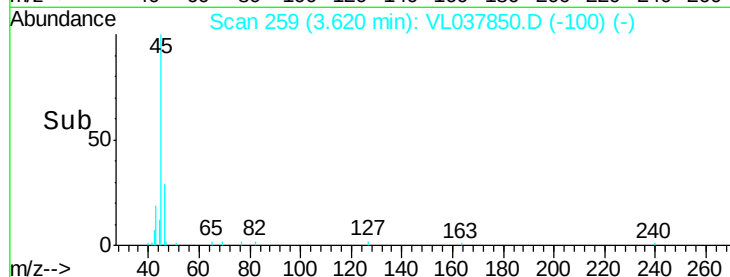
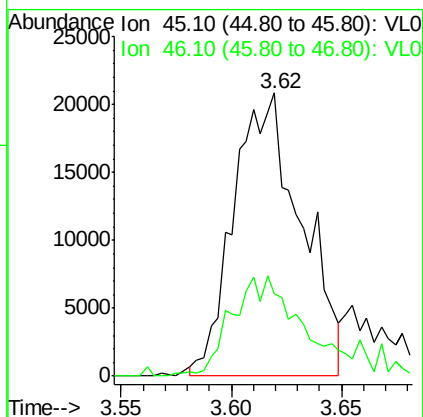
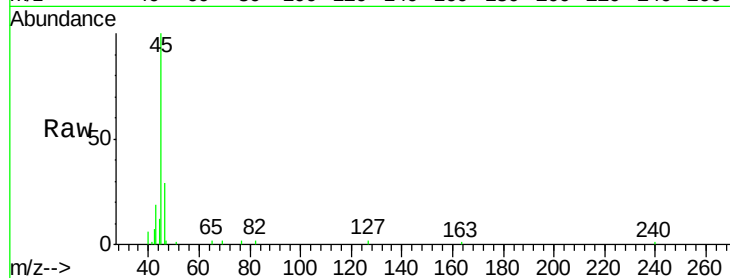


#13
Ethanol
Concen: 6.265 ppbv m
RT: 3.62
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 10:39

Tot Ion:
Ion Ratio
45 100
46 0.

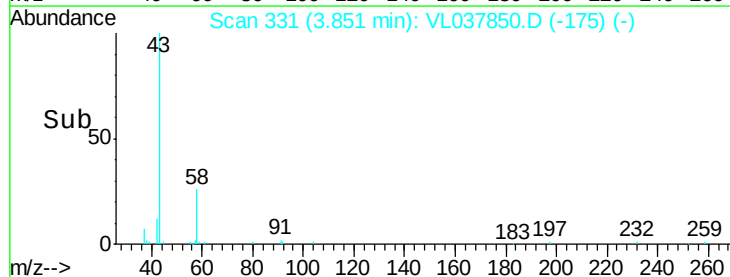
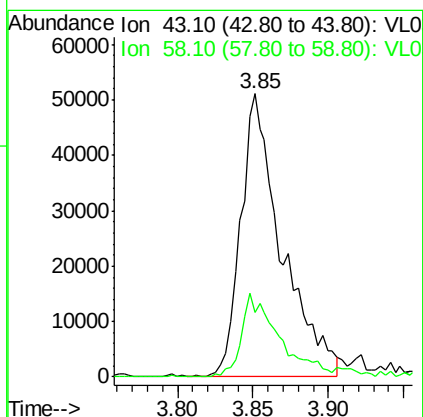
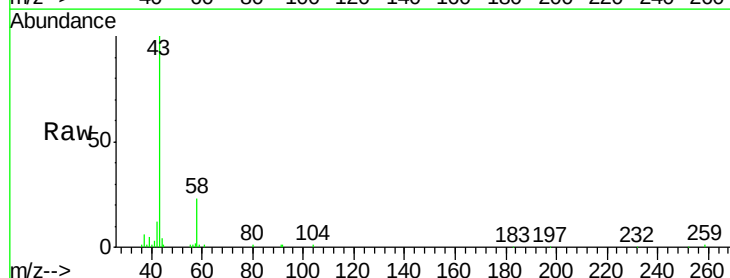
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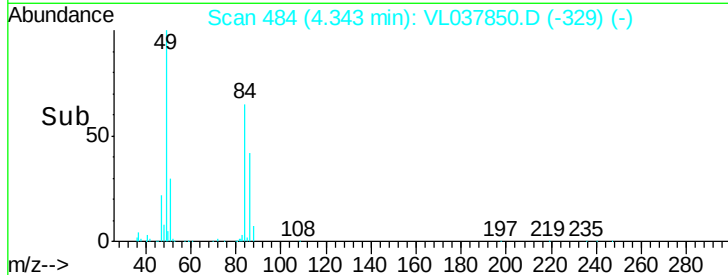
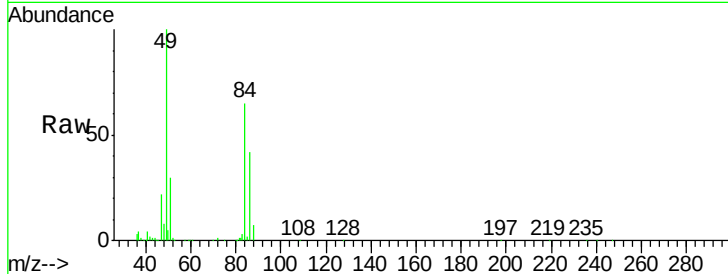
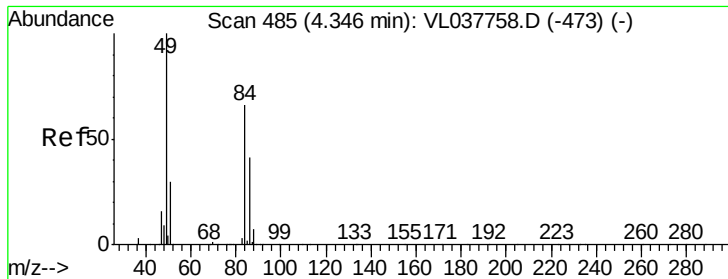
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#15
Acetone
Concen: 0.874 ppbv m
RT: 3.85 min Scan# 331
Delta R.T.: 0.00 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion: 43 Resp: 96184
Ion Ratio Lower Upper
43 100
58 29.7 23.0 34.6



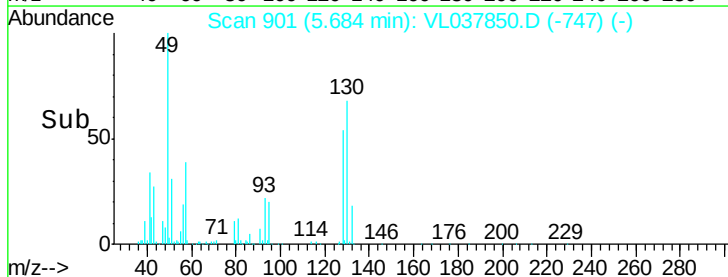
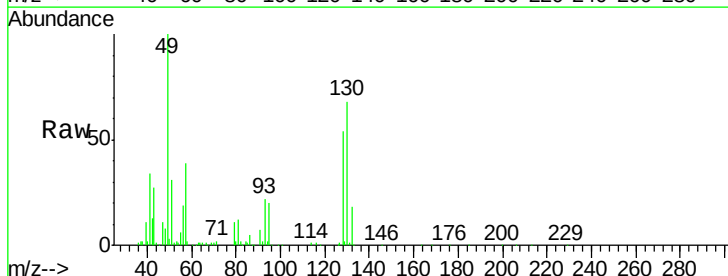
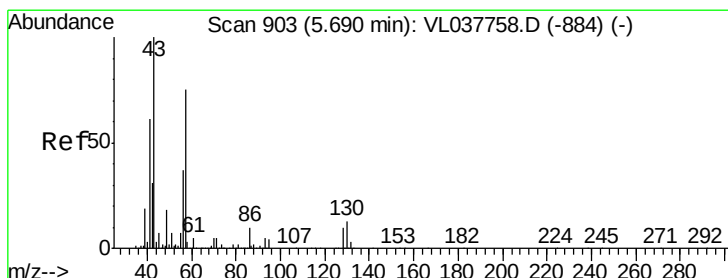
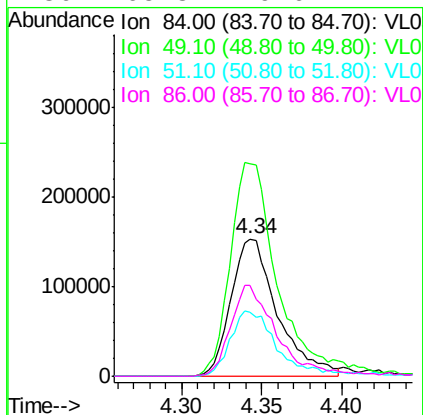


#20
Methvlene Chloride
Concen: 5.469 ppbv
RT: 4.34
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Oct 2021 10:39

Tot Ion:
Ion Ratio
84 100
49 154.
51 47.
86 65.8 49.6 74.4

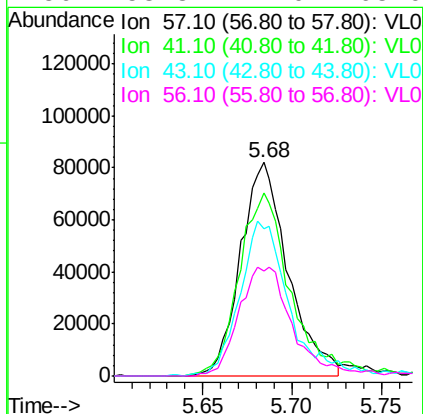
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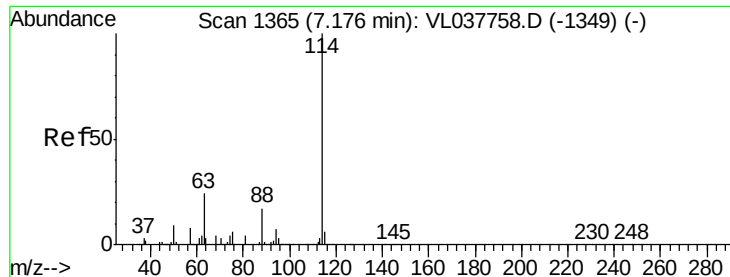
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#26
Hexane
Concen: 1.004 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion: 57 Resp: 152624
Ion Ratio Lower Upper
57 100
41 95.4 69.6 104.4
43 76.5 171.4 257.0#
56 58.8 42.0 63.0



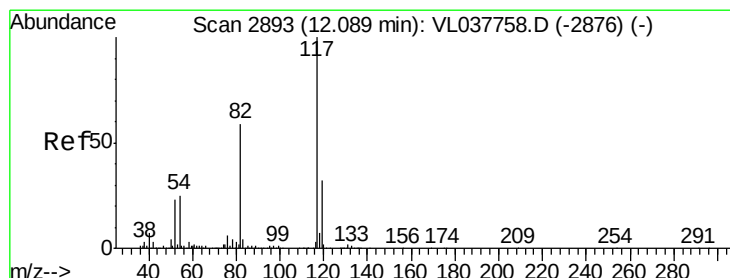
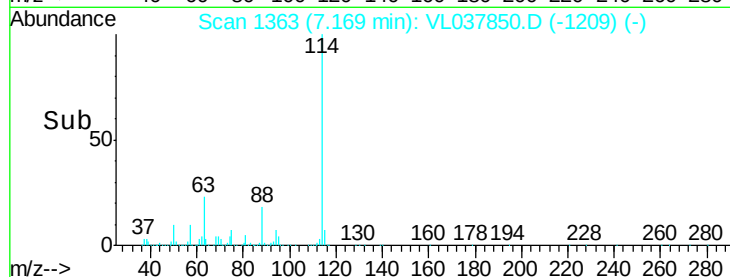
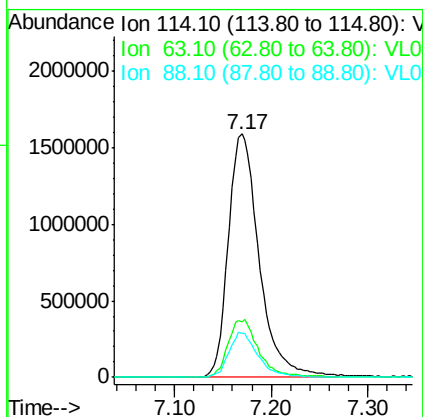
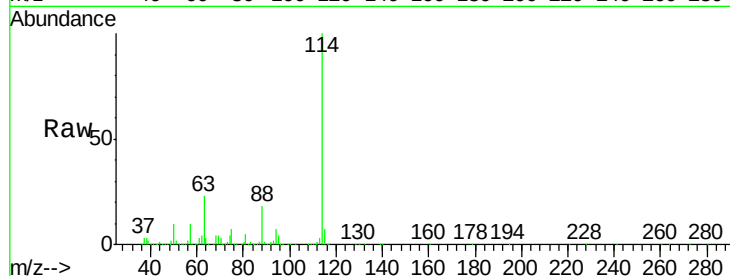


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Oct 2021 10:39

Tot Ion:1
 Ion Rati
 114 100
 63 23.
 88 17.

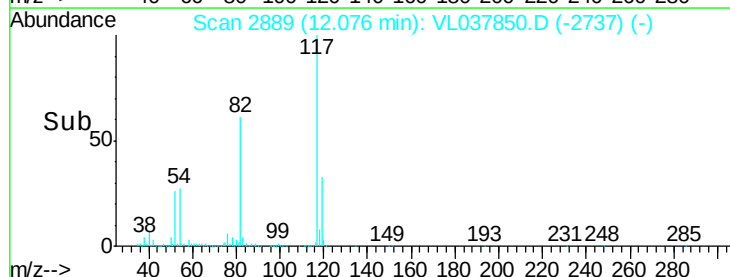
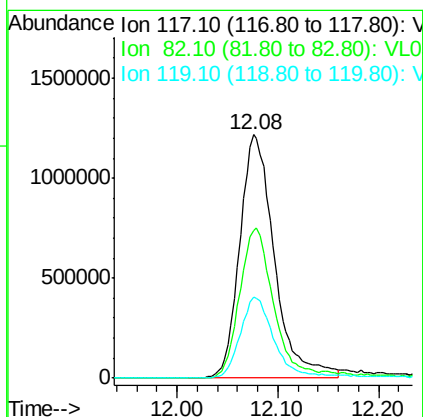
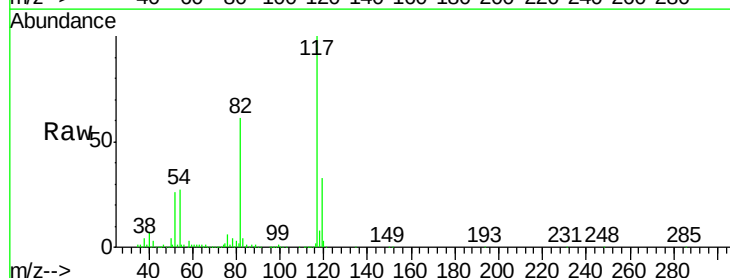
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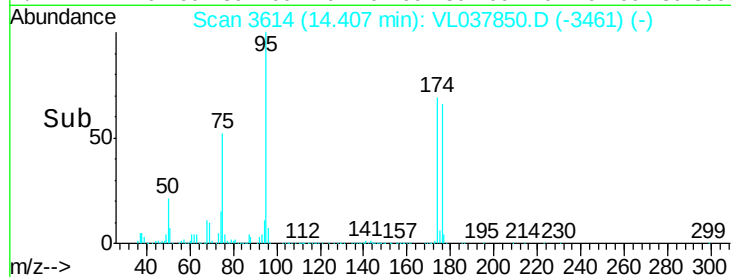
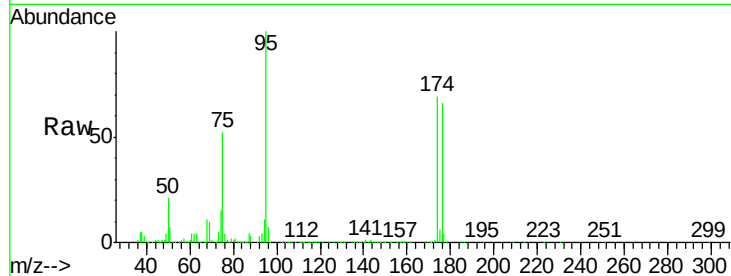
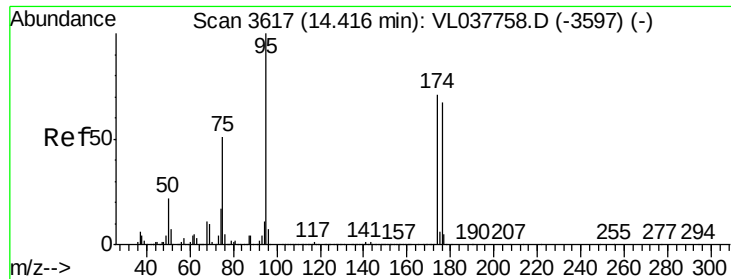
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. -0.01 min
 Lab File: VL037850.D
 Acq: 13 Oct 2021 10:39

Tgt Ion:117 Resp: 2909383
 Ion Ratio Lower Upper
 117 100
 82 64.4 52.2 78.2
 119 34.3 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.799 ppbv

RT: 14.41

Delta R.T

Lab File:

Acq: 13 Oct 2021 18:39

Instrument :

MSVOA_L

ClientSampleId :

QC101221 CAN 1065

Tot Ion:

Ion Ratio

95 100

174 76.

175 5.

Manual Integrations

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