

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
 Data File : VL037897.D
 Acq On : 25 Oct 2021 17:03
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 26 00:14:57 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	5.68	49	1375096	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4058433	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3323780	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2333064	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	12560m	0.129	ppbv	
15) Acetone	3.90	43	15617m	0.127	ppbv	
20) Methylene Chloride	4.36	84	18432m	0.296	ppbv	
32) 1,1,1-Trichloroethane	6.53	97	8549m	0.037	ppbv	
35) Carbon Tetrachloride	7.03	117	8613m	0.037	ppbv	
38) Trichloroethene	7.85	130	5234m	0.038	ppbv	

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

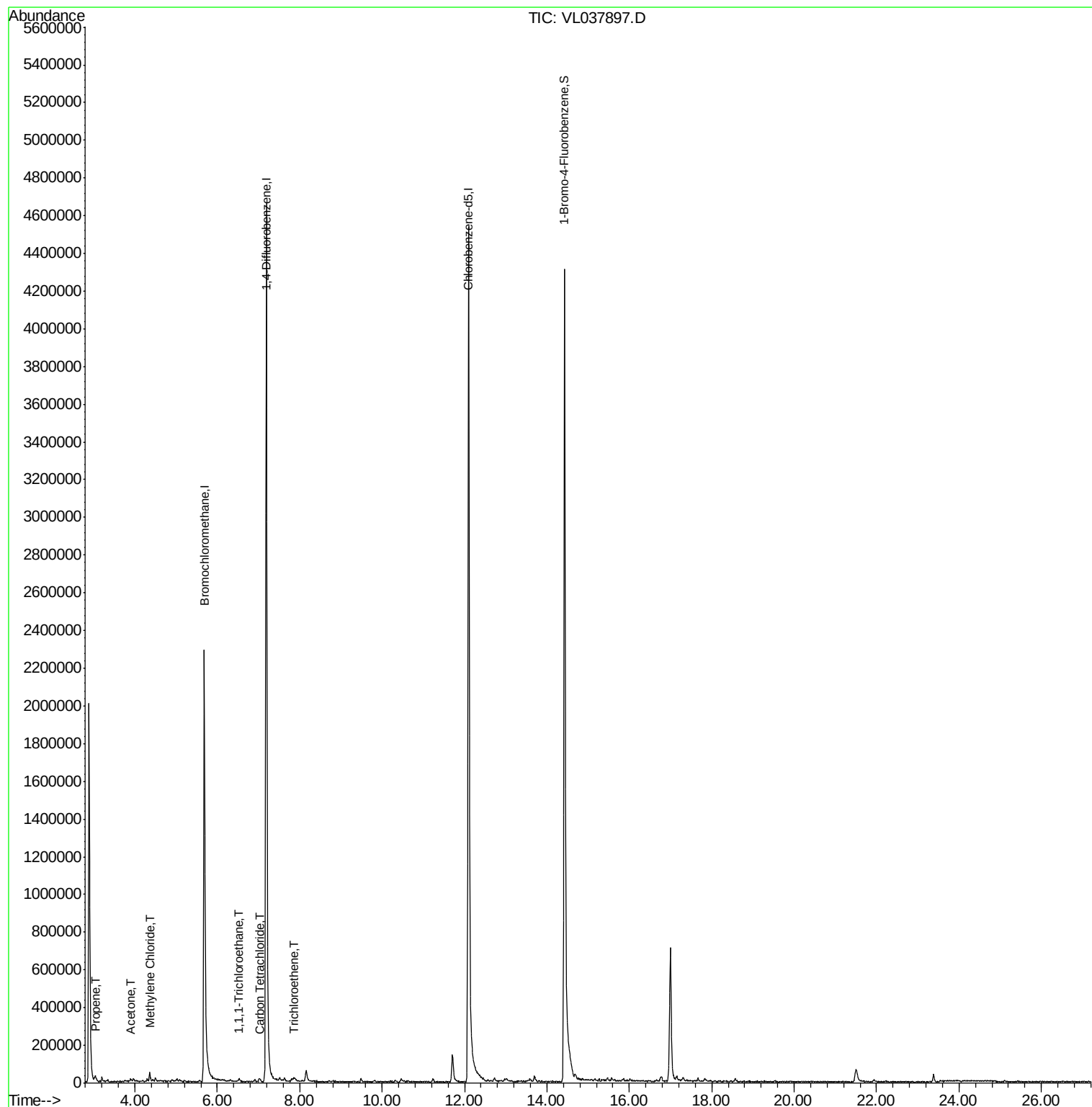
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL102521\
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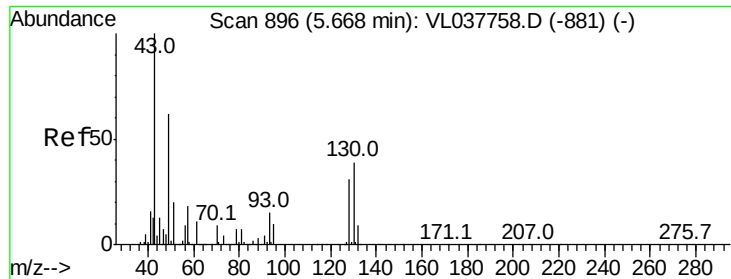
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Oct 26 00:14:57 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Oct 2021 17:03

Tot Ion:

Ion Ratio

49 100

128 54.

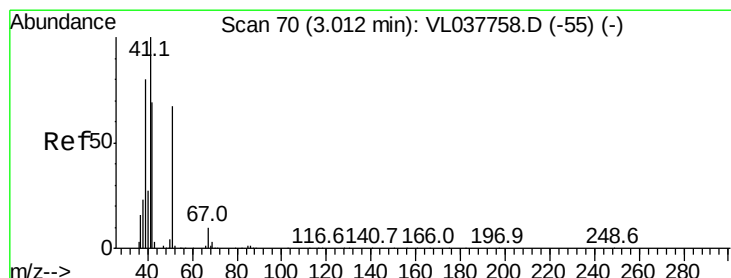
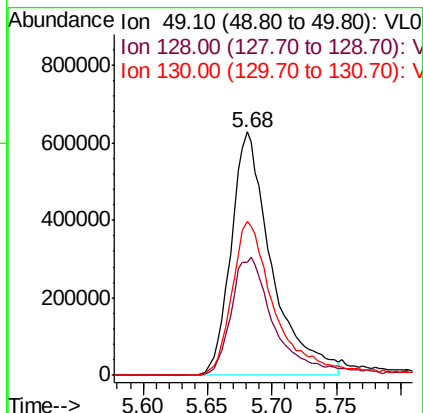
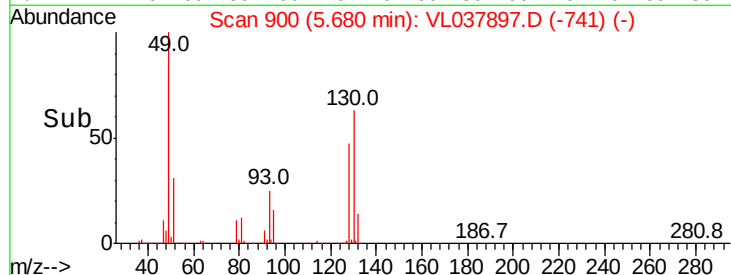
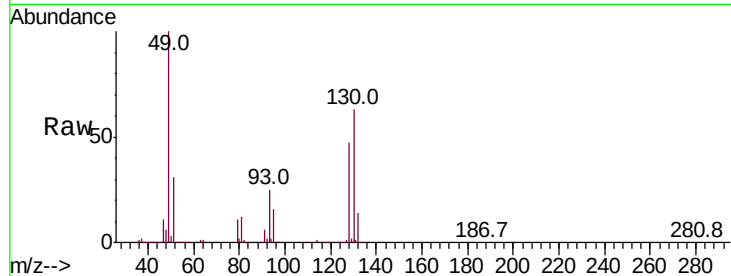
130 69.

Manual Integrations

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#9

Propene

Concen: 0.129 ppbv m

RT: 3.03 min Scan# 77

Delta R.T. 0.02 min

Lab File: VL037897.D

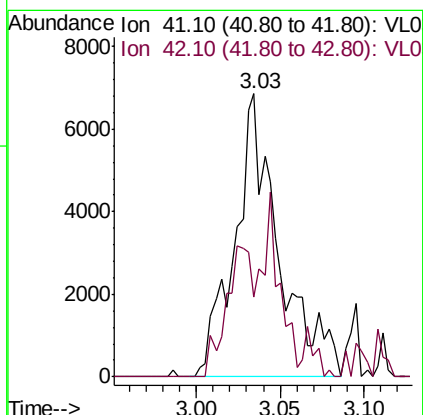
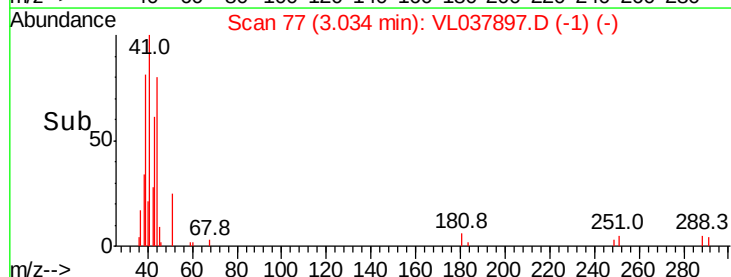
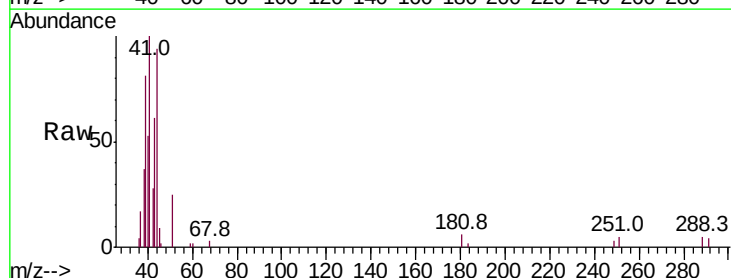
Acq: 25 Oct 2021 17:03

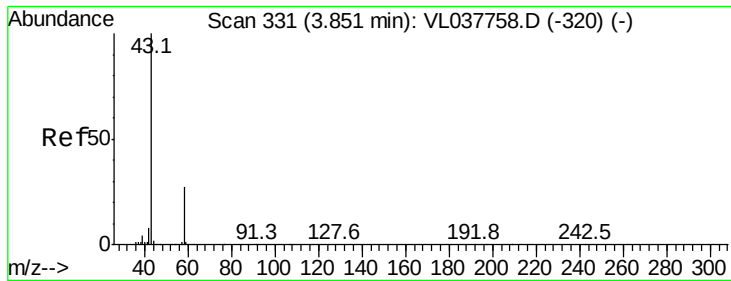
Tgt Ion: 41 Resp: 12560

Ion Ratio Lower Upper

41 100

42 4.5 54.2 81.2#



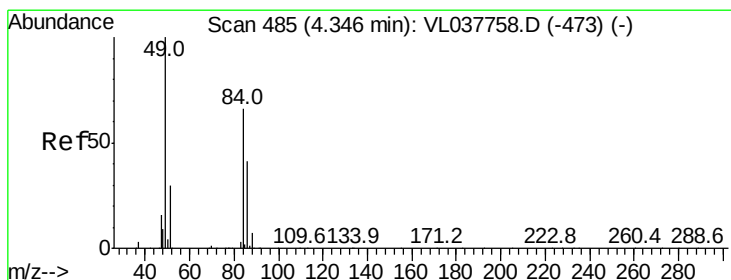
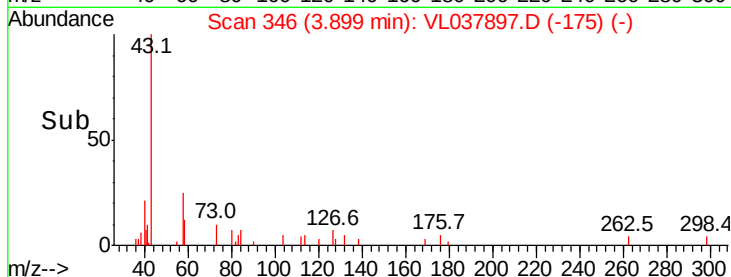
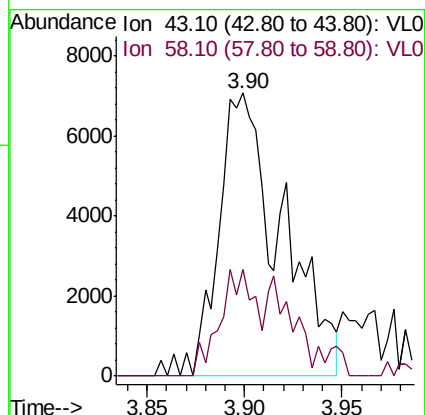
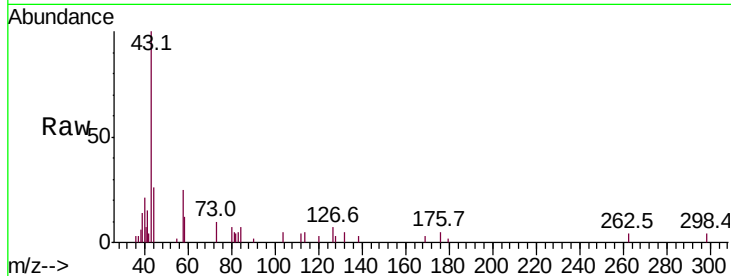


#15
Acetone
Concen: 0.127 ppbv m
RT: 3.90
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 17:03

Tot Ion:
Ion Ratio
43 100
58 0.

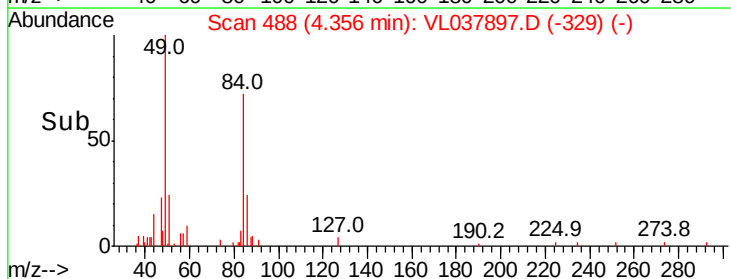
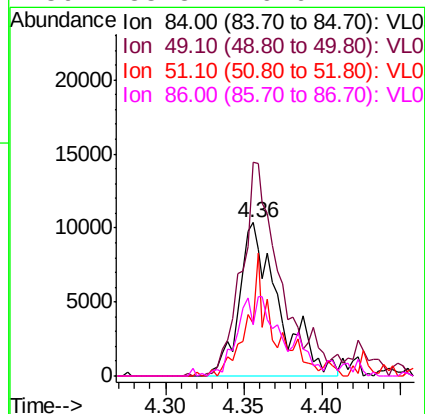
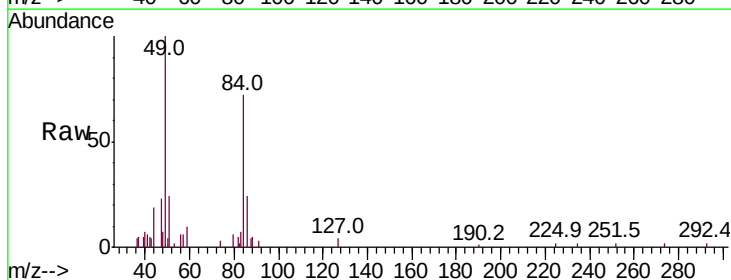
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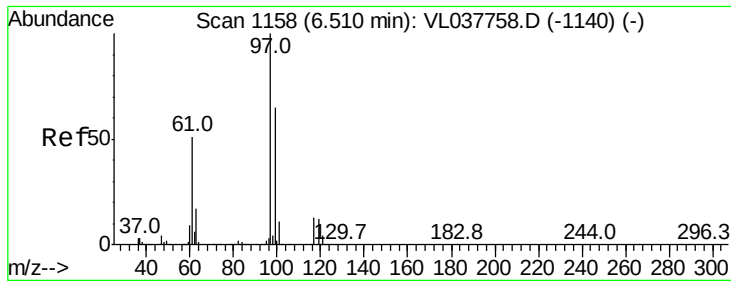
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#20
Methylene Chloride
Concen: 0.296 ppbv m
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL037897.D
Acq: 25 Oct 2021 17:03

Tgt Ion: 84 Resp: 18432
Ion Ratio Lower Upper
84 100
49 139.1 120.7 181.1
51 34.0 36.2 54.4#
86 33.3 49.6 74.4#





#32

1,1,1-Trichloroethane

Concen: 0.037 ppbv m

RT: 6.53 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 17:03

Tot Ion:

Ion Ratio

97 100

99 73.

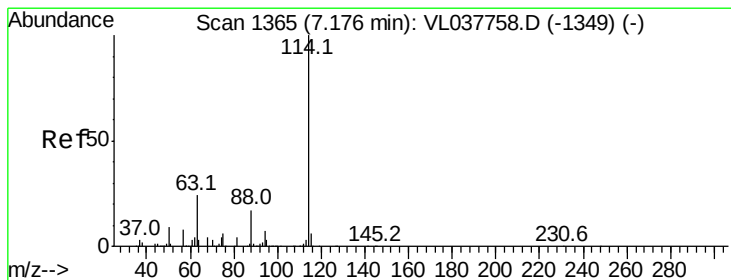
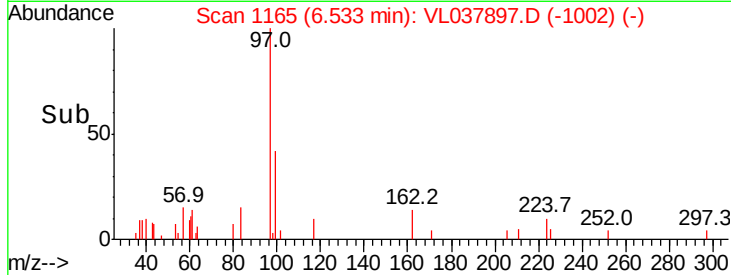
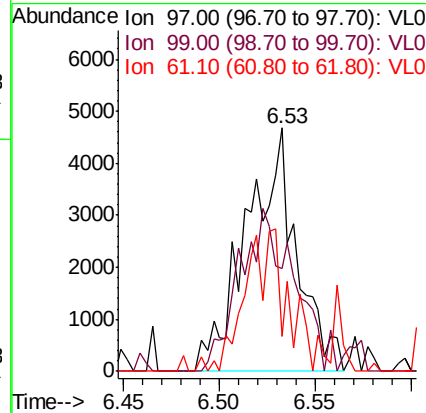
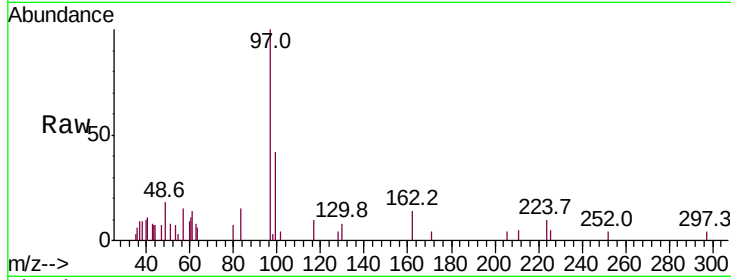
61 0.

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Supervised By :Mahesh Dadoda 10/27/2021



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VL037897.D

Acq: 25 Oct 2021 17:03

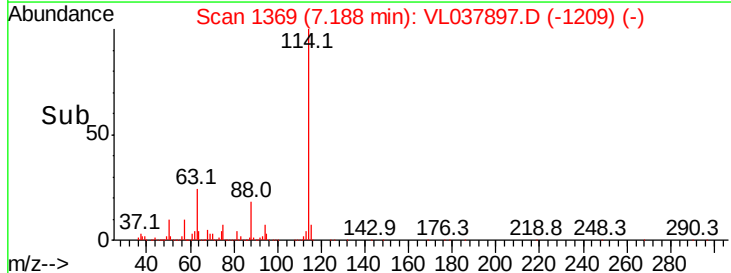
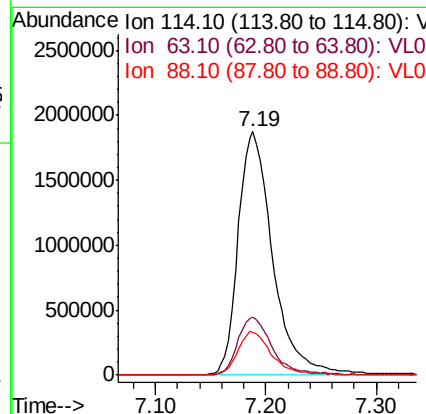
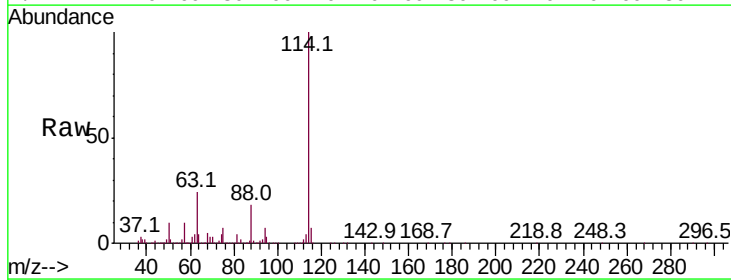
Tgt Ion:114 Resp: 4058433

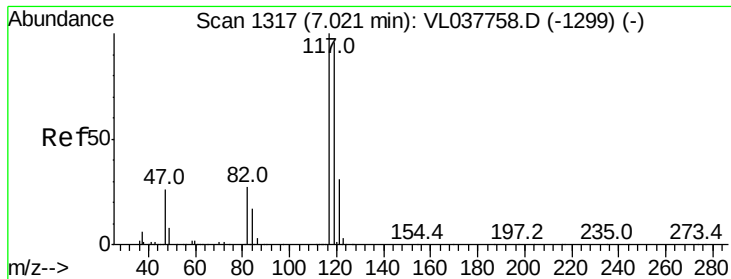
Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.2

88 17.9 14.4 21.6





#35

Carbon Tetrachloride

Concen: 0.037 ppbv m

RT: 7.03 Instrument:

Delta R.T. MSVOA_L

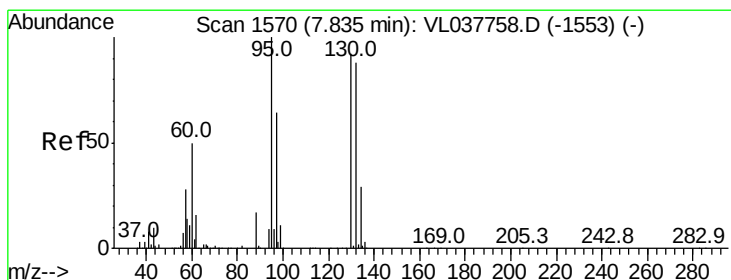
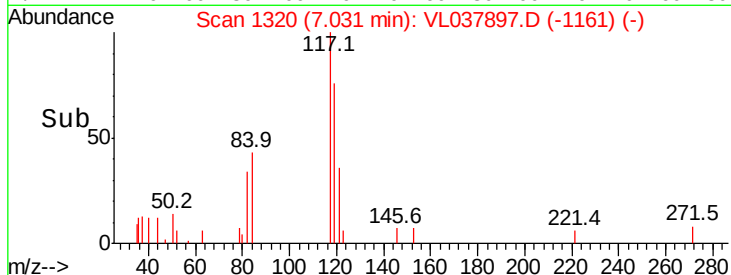
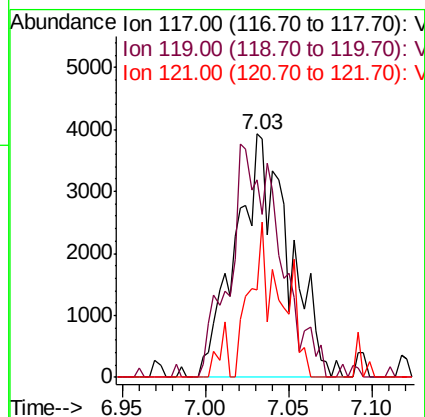
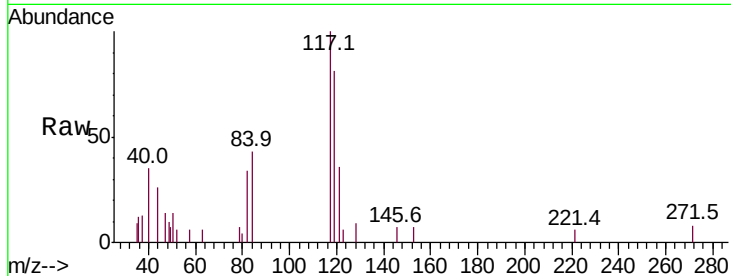
Lab File: ClientSampleId:

Acq: 25 Oct 2021 17:03

Tot Ion:1
Ion Rati
117 100
119 81.
121 35.

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Supervised By :Mahesh Dadoda 10/27/2021



#38

Trichloroethene

Concen: 0.038 ppbv m

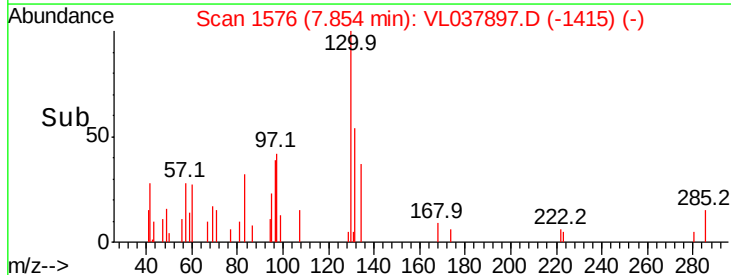
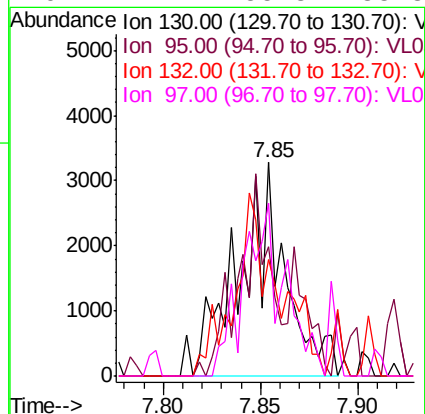
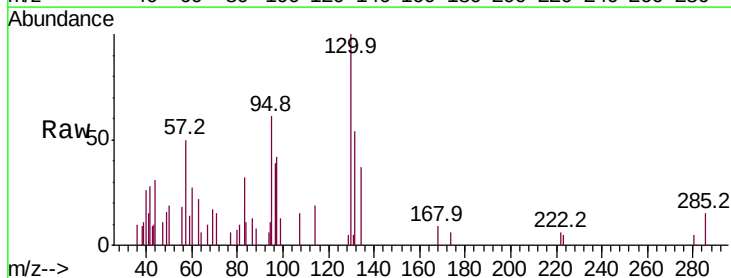
RT: 7.85 min Scan# 1576

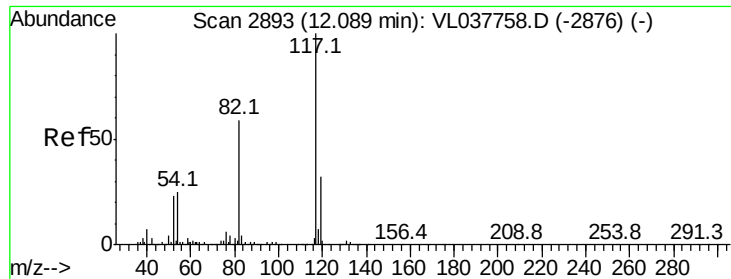
Delta R.T. 0.02 min

Lab File: VL037897.D

Acq: 25 Oct 2021 17:03

Tgt Ion:130 Resp: 5234
Ion Ratio Lower Upper
130 100
95 60.5 87.4 131.0#
132 54.3 76.8 115.2#
97 41.7 55.8 83.8#



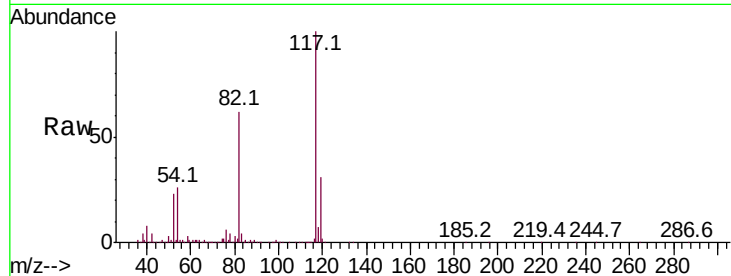


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId :
Acq: 25 Oct 2021 17:03

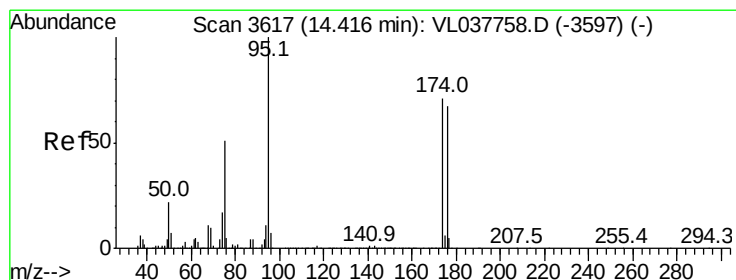
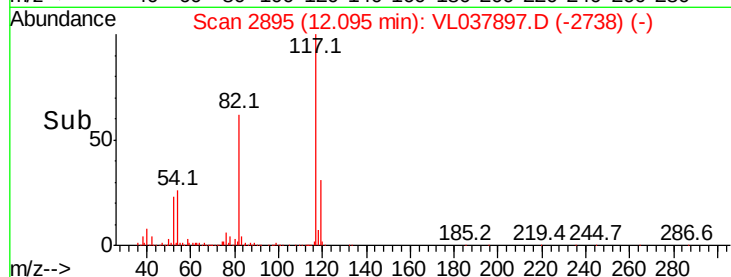
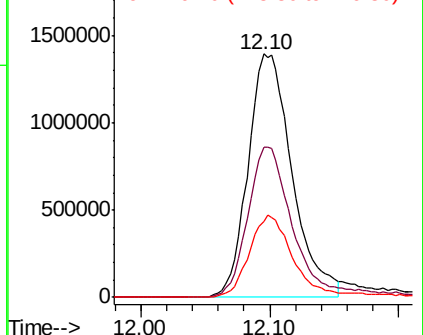
Tot Ion: 1
Ion Ratio
117 100
82 66.
119 35.

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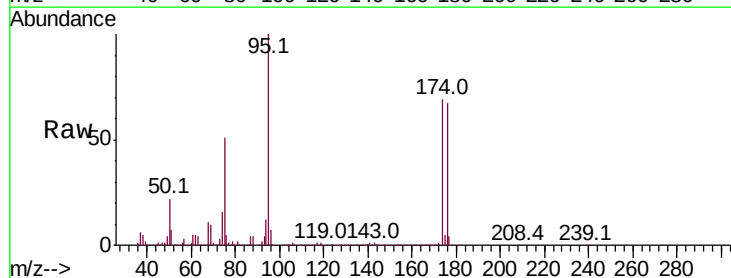


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.038 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.01 min
Lab File: VL037897.D
Acq: 25 Oct 2021 17:03

Tgt Ion: 95 Resp: 2333064
Ion Ratio Lower Upper
95 100
174 76.6 57.8 86.6
175 5.2 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

