

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038195.D
 Acq On : 16 Dec 2021 18:49
 Operator : SY/AP
 Sample : M5136-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 INFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 17 06:31:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1011912	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2741186	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2364556	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1783263	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Chloroethane	3.56	64	3078m	0.122	ppbv	
13) Ethanol	3.62	45	56184m	7.429	ppbv	
15) Acetone	3.88	43	42871	0.489	ppbv	96
18) 1,1-Dichloroethene	4.30	96	7957m	0.154	ppbv	
19) Isopropyl Alcohol	3.99	45	55415m	0.874	ppbv	
20) Methylene Chloride	4.35	84	46673	0.950	ppbv	96
24) 1,1-Dichloroethane	5.02	63	142754	1.350	ppbv	98
26) Hexane	5.70	57	22790m	0.162	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	1029862	4.899	ppbv	97

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

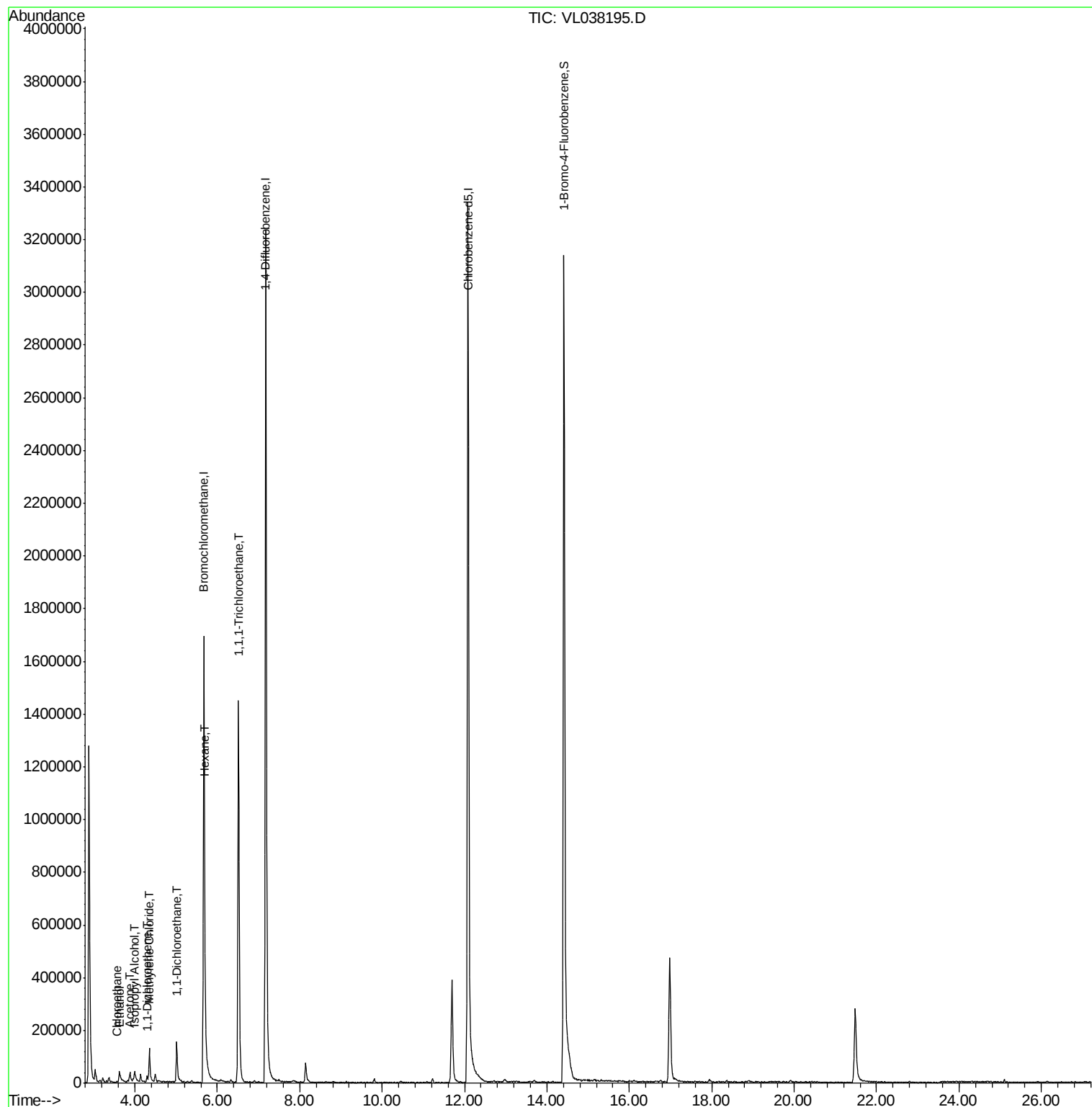
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121621\
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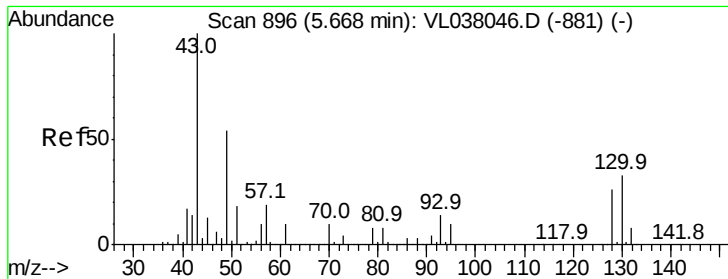
Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Manual Integrations
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Quant Time: Dec 17 06:31:07 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Supervised By :Mahesh Dadoda 12/20/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:49

Tot Ion:

Ion Ratio

49 100

128 48.

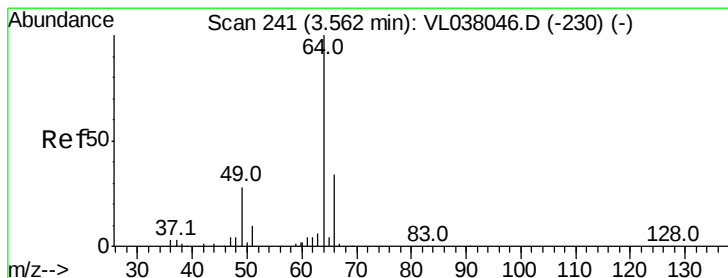
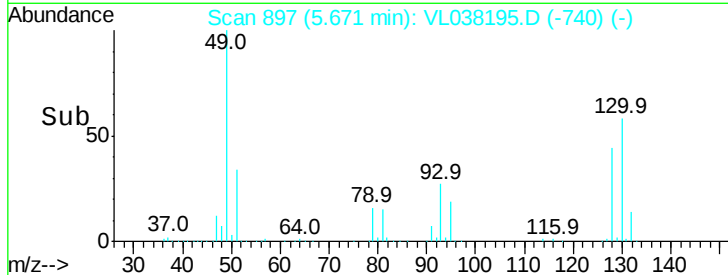
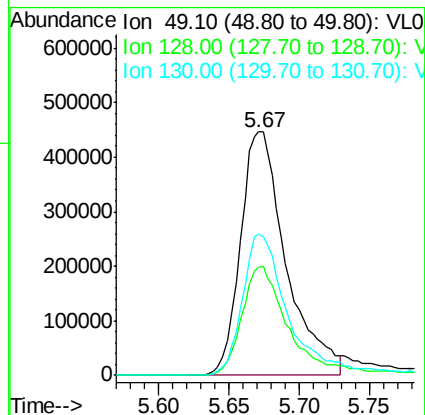
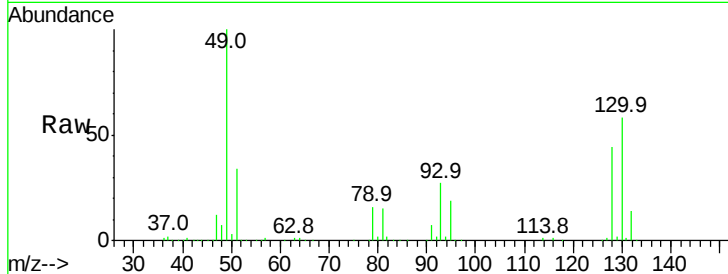
130 60.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#7

Chloroethane

Concen: 0.122 ppbv m

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL038195.D

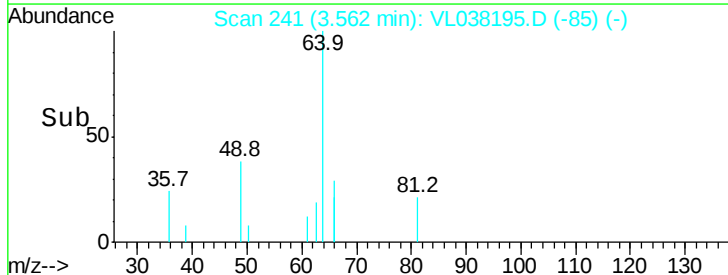
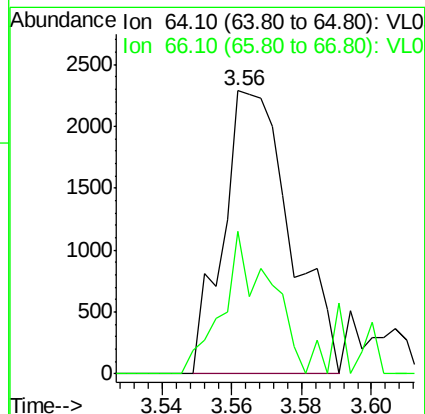
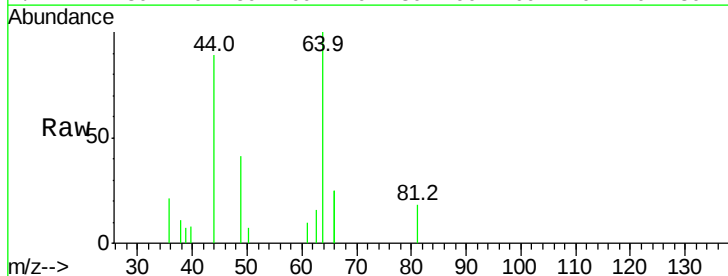
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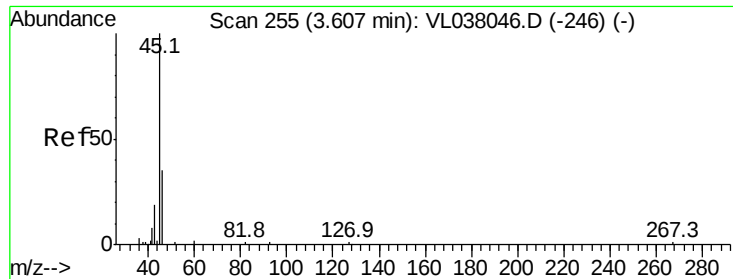
Tgt Ion: 64 Resp: 3078

Ion Ratio Lower Upper

64 100

66 25.5 27.2 40.8#





#13

Ethanol

Concen: 7.429 ppbv m

RT: 3.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 18:49 INFLUENTDL

Tot Ion:

Ion Ratio

45 100

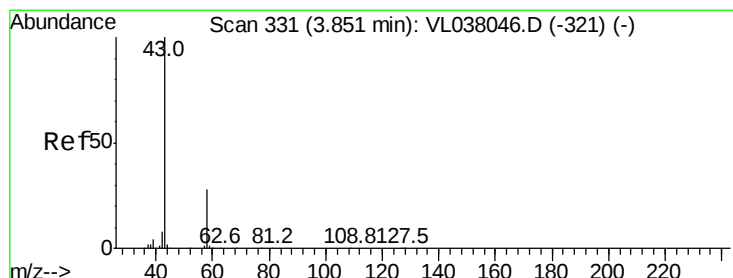
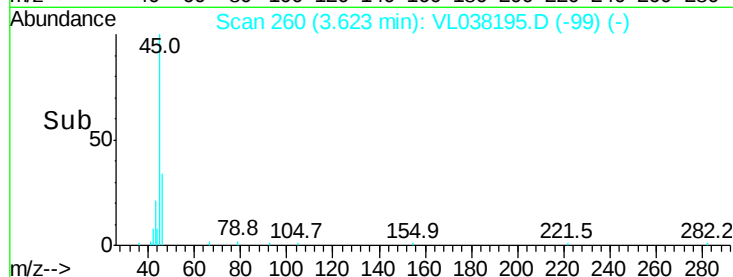
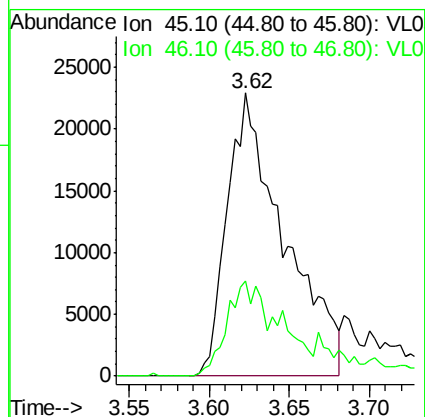
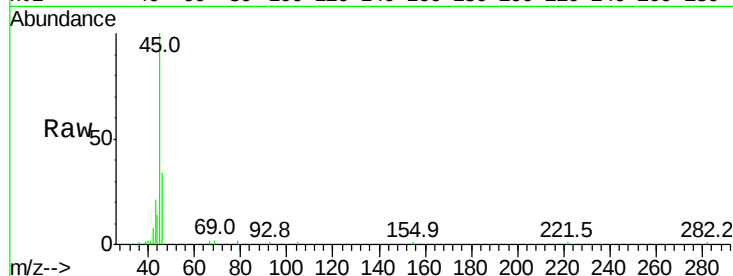
46 40.

Manual Integrations

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#15

Acetone

Concen: 0.489 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL038195.D

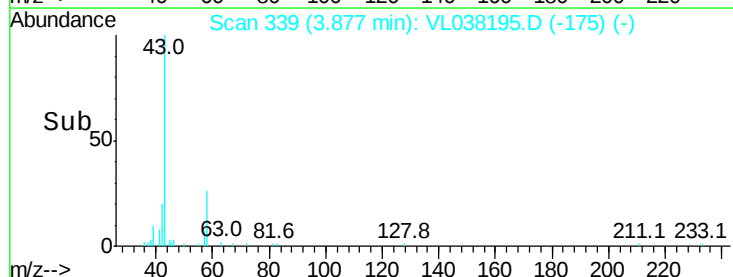
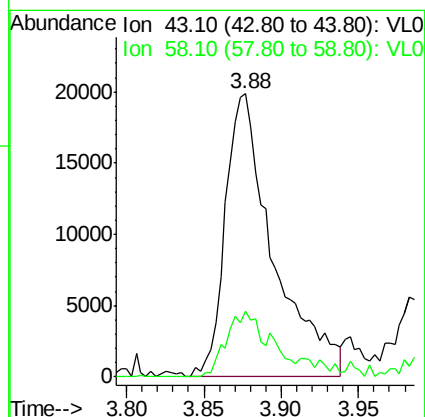
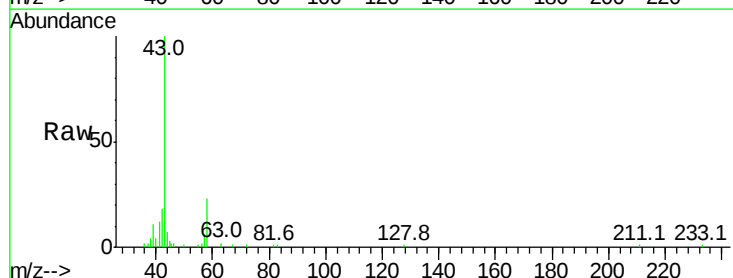
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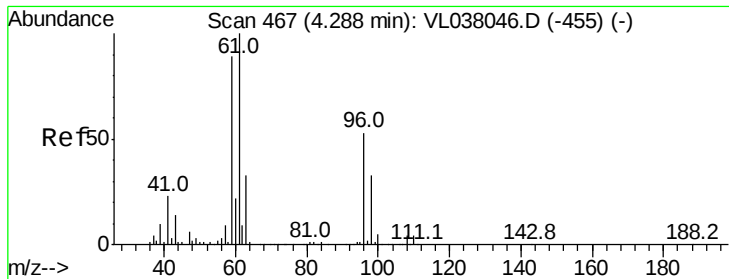
Tgt Ion: 43 Resp: 42871

Ion Ratio Lower Upper

43 100

58 26.0 22.4 33.6





#18

1,1-Dichloroethene

Concen: 0.154 ppbv m

RT: 4.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 18:49 INFLUENTDL

Tot Ion:

Ion Ratio

96 100

61 212.

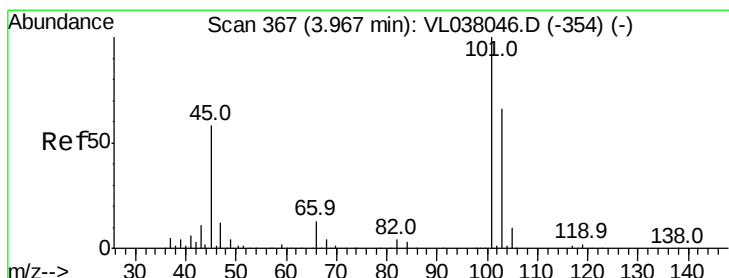
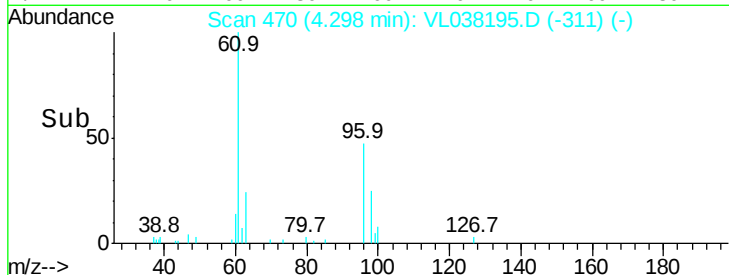
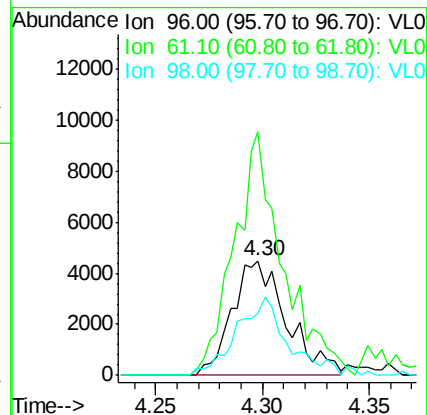
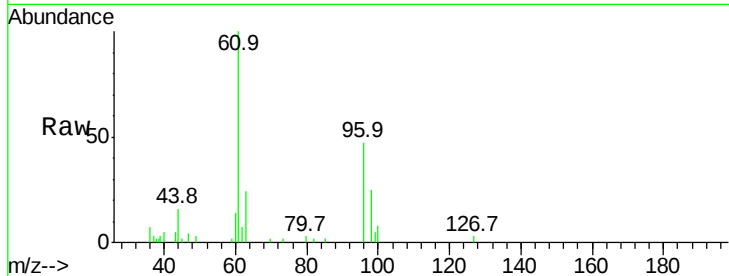
98 53.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

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#19

Isopropyl Alcohol

Concen: 0.874 ppbv m

RT: 3.99 min Scan# 374

Delta R.T. 0.02 min

Lab File: VL038195.D

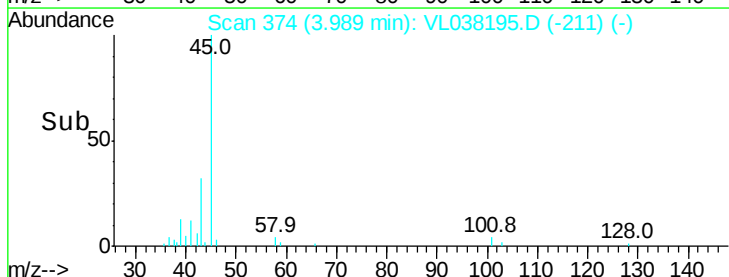
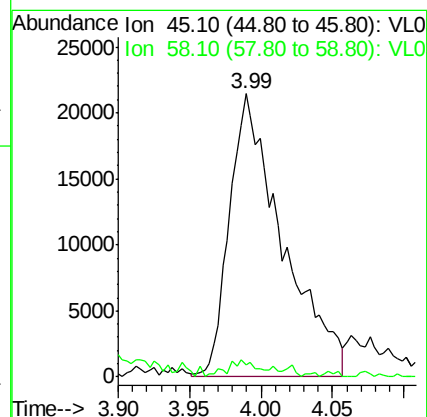
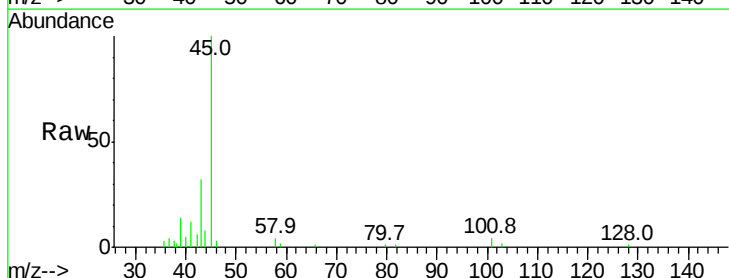
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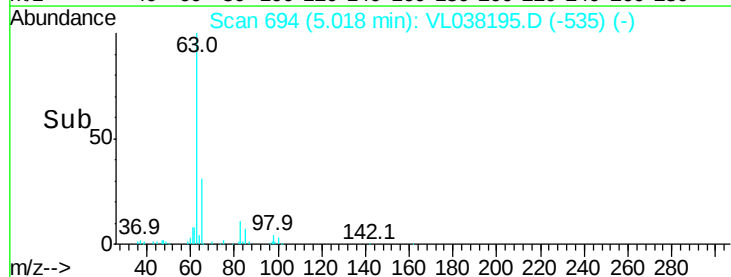
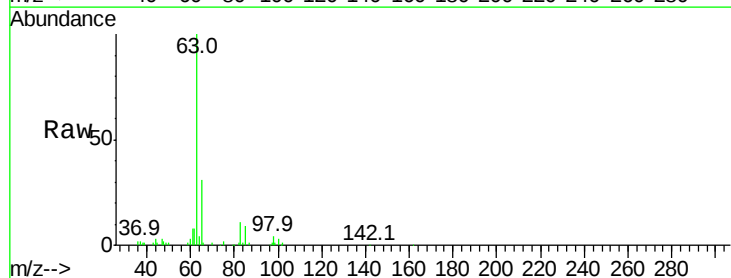
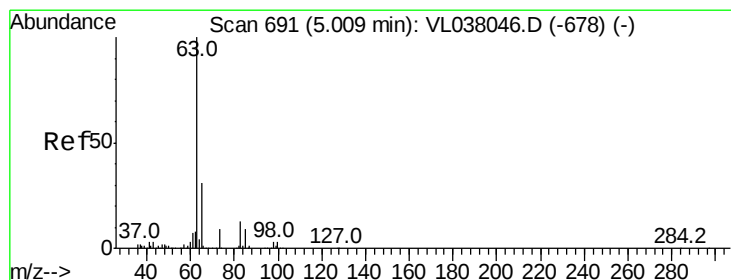
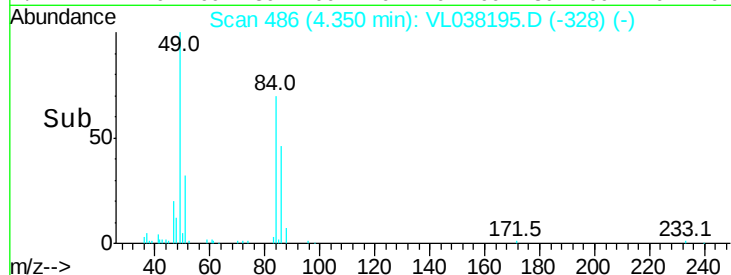
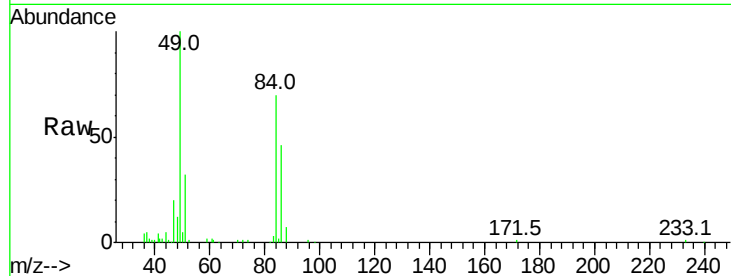
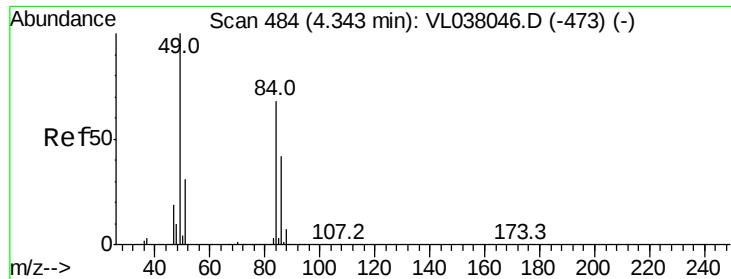
Tgt Ion: 45 Resp: 55415

Ion Ratio Lower Upper

45 100

58 4.5 1.4 2.0#



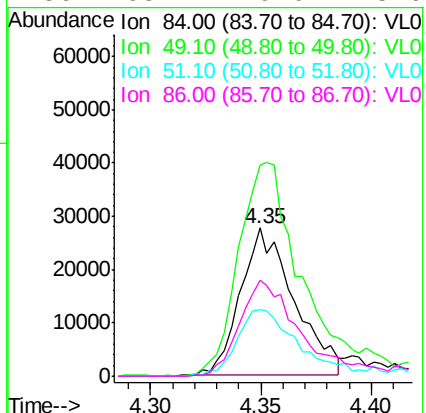


#20
Methvlene Chloride
Concen: 0.950 ppbv
RT: 4.35
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
INFLUENTDL
Acq: 16 Dec 2021 18:49

Tot Ion:
Ion Ratio
84 100
49 142.
51 45.
86 65.4 49.0 73.6

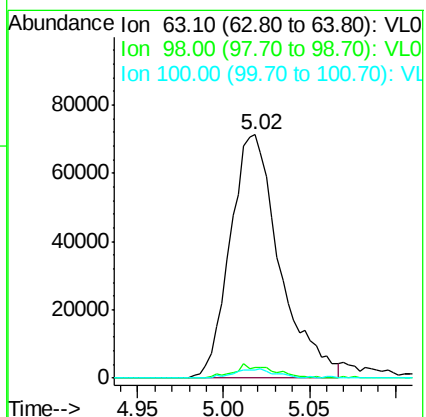
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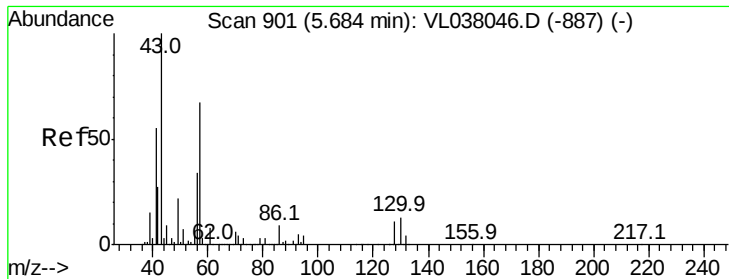
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#24
1,1-Dichloroethane
Concen: 1.350 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: VL038195.D
Acq: 16 Dec 2021 18:49

Tgt Ion: 63 Resp: 142754
Ion Ratio Lower Upper
63 100
98 4.4 1.8 5.4
100 3.4 1.4 4.0



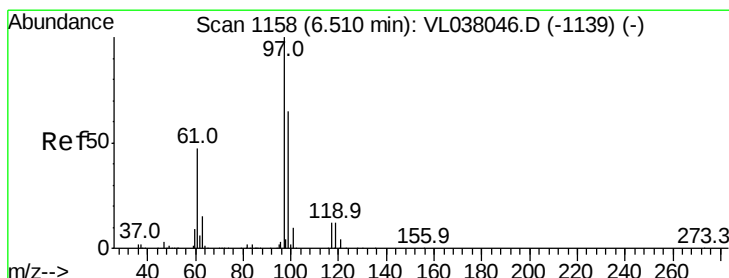
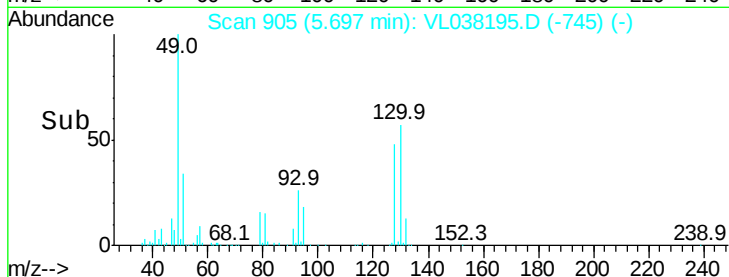
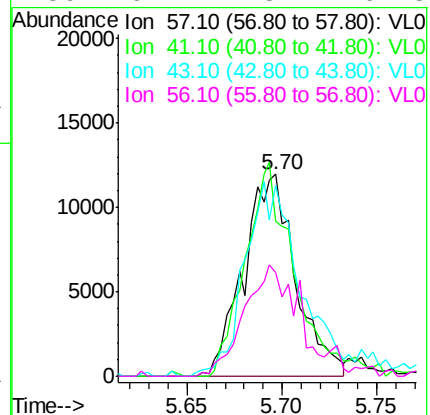
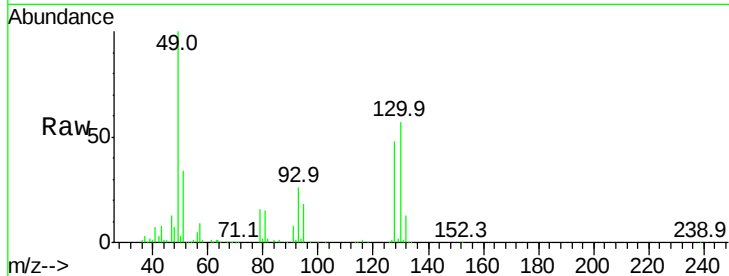


#26
Hexane
Concen: 0.162 ppbv m
RT: 5.70
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 16 Dec 2021 18:49 INFLUENTDL

Tot Ion:
Ion Ratio
57 100
41 103.
43 110.
56 62.4 43.2 64.8

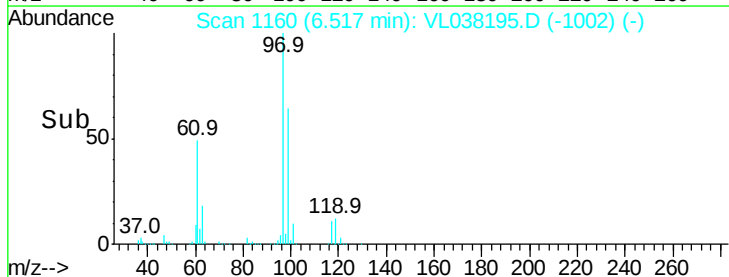
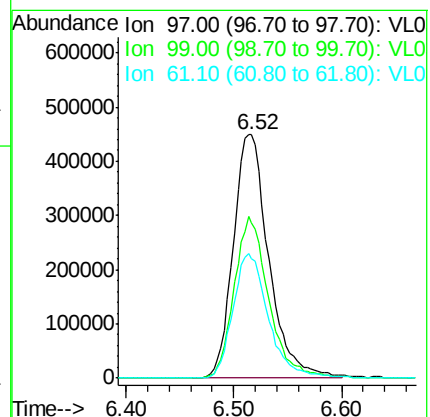
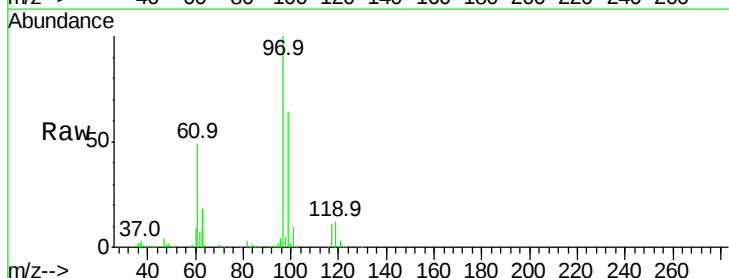
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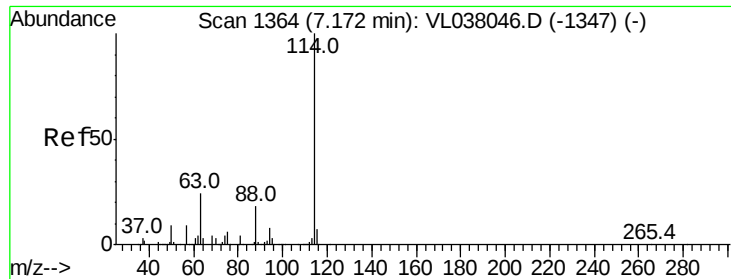
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#32
1,1,1-Trichloroethane
Concen: 4.899 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. 0.01 min
Lab File: VL038195.D
Acq: 16 Dec 2021 18:49

Tgt Ion: 97 Resp: 1029862
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.4
61 51.3 37.7 56.5



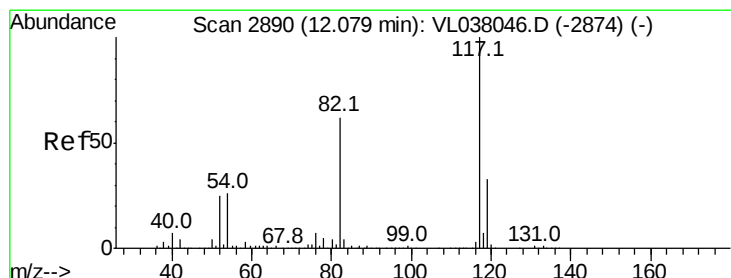
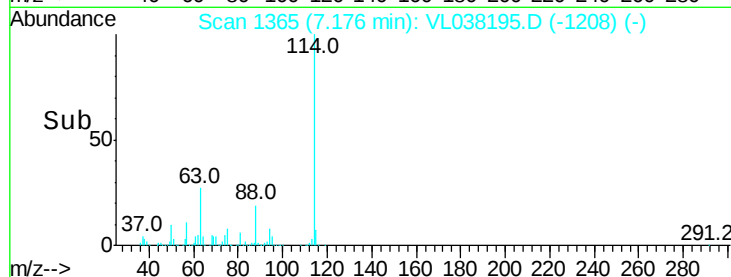
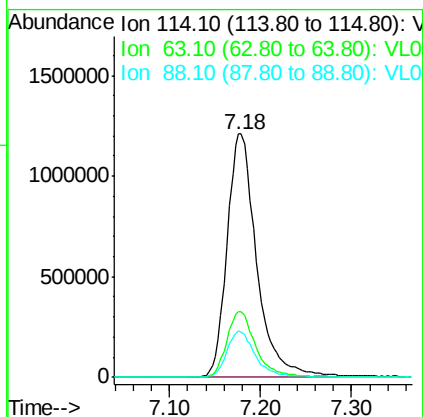
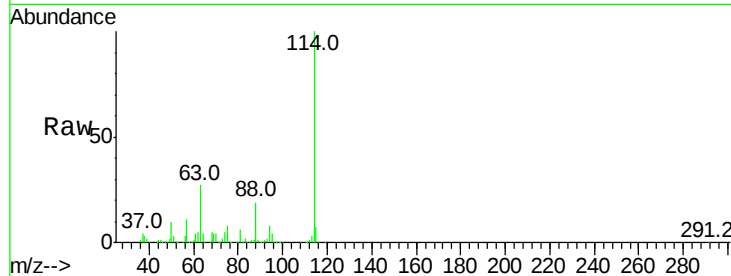


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 INFLUENTDL
 Acq: 16 Dec 2021 18:49

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

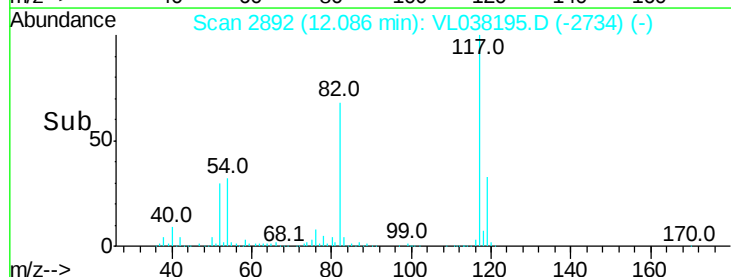
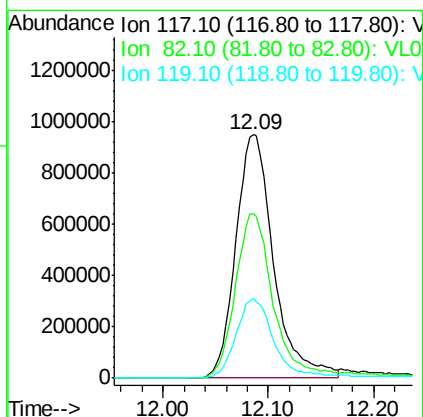
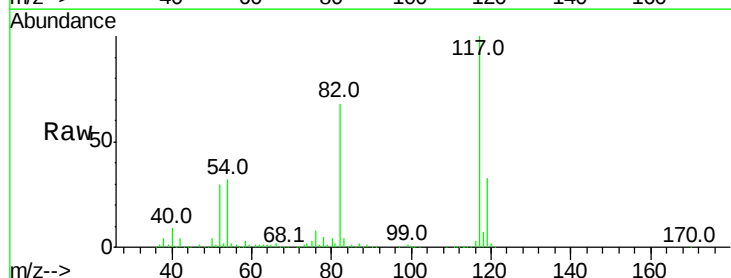
Manual Integrations
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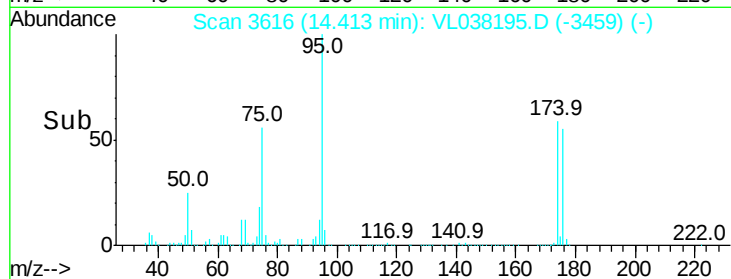
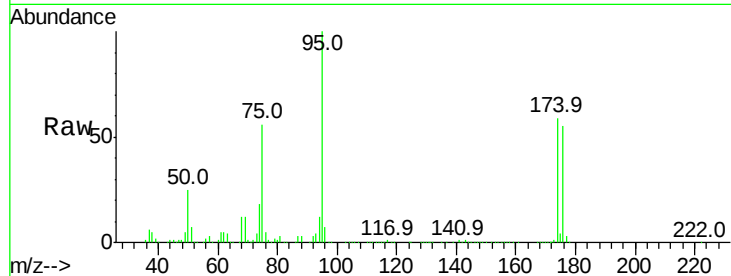
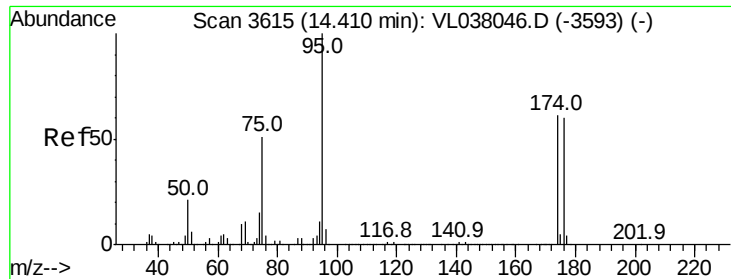
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T.: 0.01 min
 Lab File: VL038195.D
 Acq: 16 Dec 2021 18:49

Tgt Ion:117 Resp: 2364556
 Ion Ratio Lower Upper
 117 100
 82 71.2 52.8 79.2
 119 34.0 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.455 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 18:49

Tot Ion:

Ion Ratio

95 100

174 63.

175 4.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2021

