

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038131.D
 Acq On : 29 Nov 2021 12:25
 Operator : SY/AP
 Sample : M4805-11DL 100X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-CURVY-BRIDEDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 06:00:25 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	5.68	49	979234	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2773782	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2486314	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1884714	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	59022m	8.064	ppbv	
15) Acetone	3.88	43	98734m	1.163	ppbv	
19) Isopropyl Alcohol	4.00	45	76520m	1.247	ppbv	
20) Methylene Chloride	4.36	84	74721	1.571	ppbv	97
26) Hexane	5.70	57	60242m	0.443	ppbv	
52) Tetrachloroethene	11.23	164	1628398	15.906	ppbv	94

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

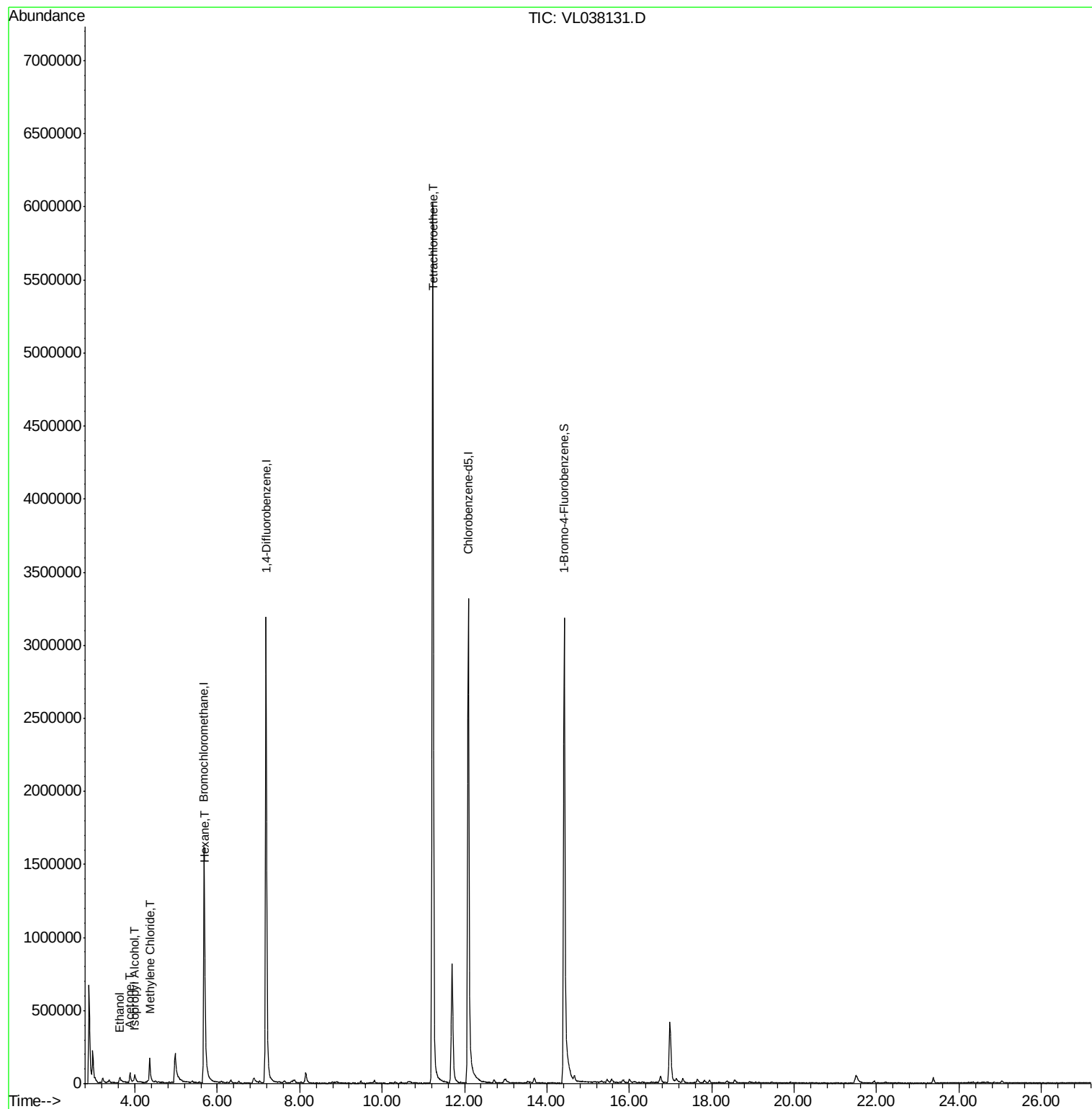
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112921\
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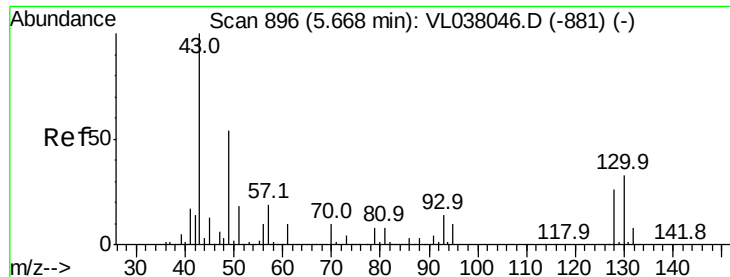
Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDE DL

Manual Integrations
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Quant Time: Nov 30 06:00:25 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 12:25 SG-CURVY-BRIDEDL

Tot Ion:

Ion Ratio

49 100

128 48.

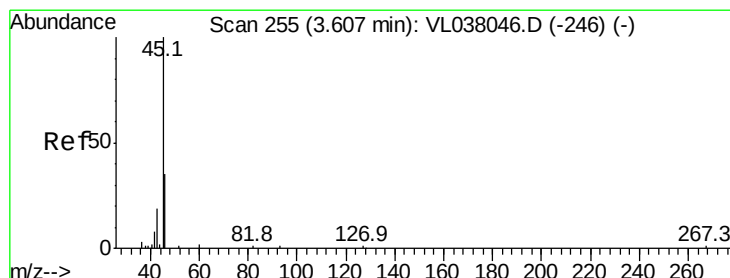
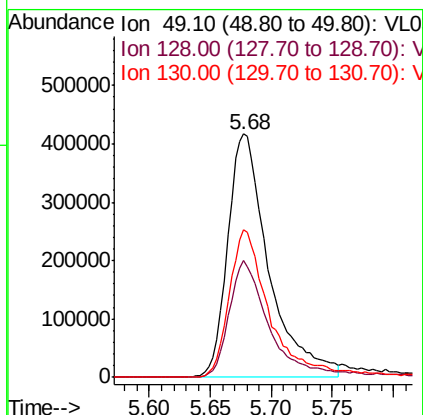
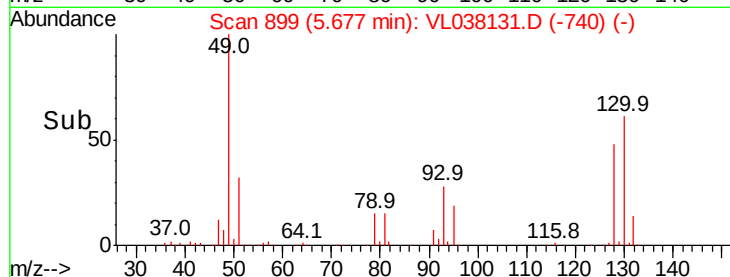
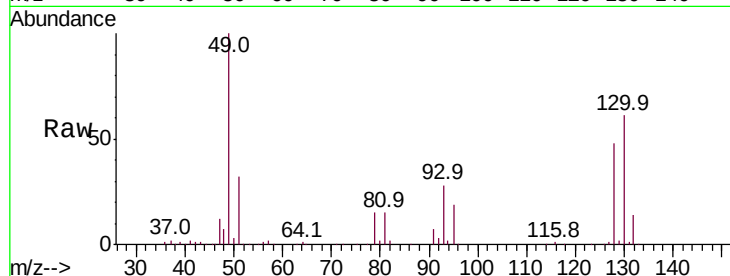
130 62.

Manual Integrations

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#13

Ethanol

Concen: 8.064 ppbv m

RT: 3.63 min Scan# 263

Delta R.T. 0.03 min

Lab File: VL038131.D

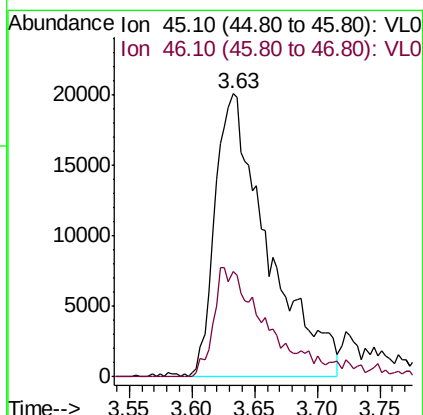
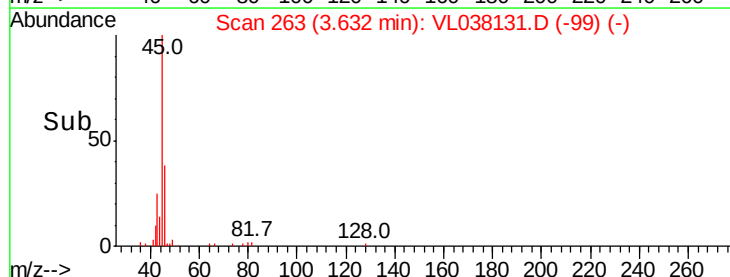
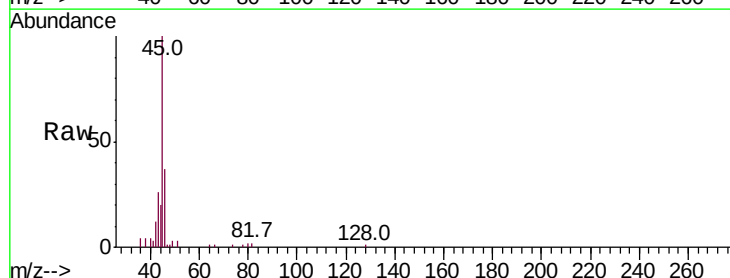
Acq: 29 Nov 2021 12:25

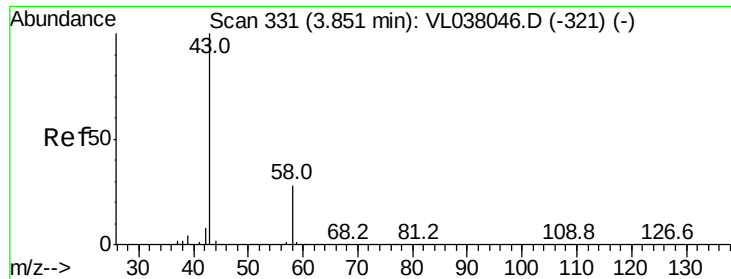
Tgt Ion: 45 Resp: 59022

Ion Ratio Lower Upper

45 100

46 40.0 17.6 70.2





#15

Acetone

Concen: 1.163 ppbv m

RT: 3.88 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 12:25 SG-CURVY-BRIDEDL

Tot Ion:

Ion Ratio

43 100

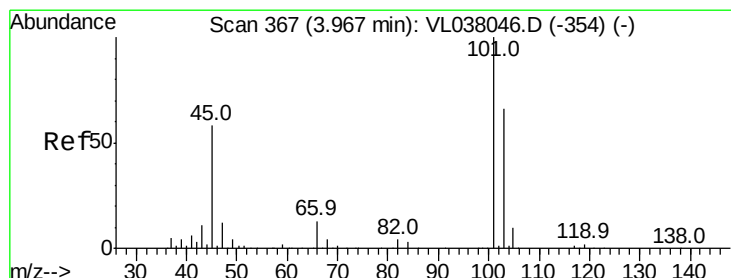
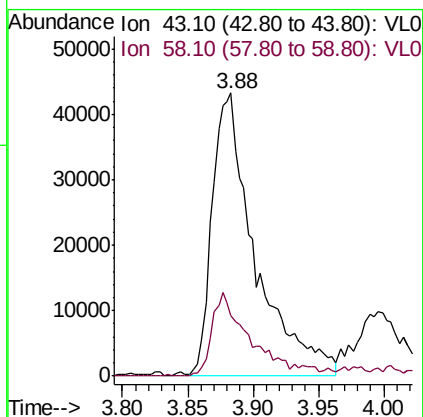
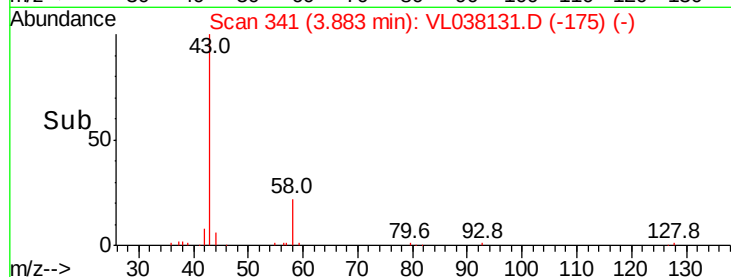
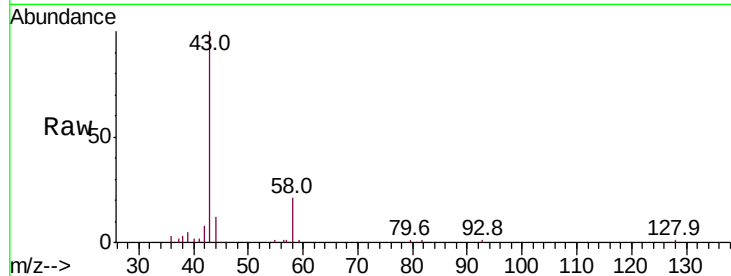
58 27.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/01/2021



#19

Isopropyl Alcohol

Concen: 1.247 ppbv m

RT: 4.00 min Scan# 376

Delta R.T. 0.03 min

Lab File: VL038131.D

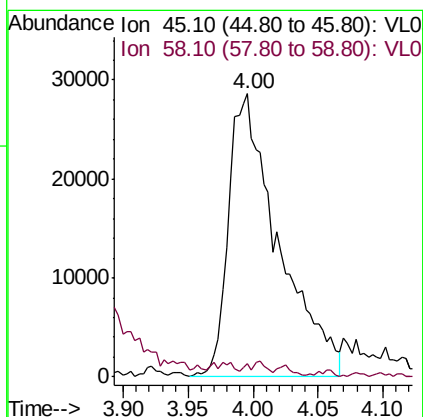
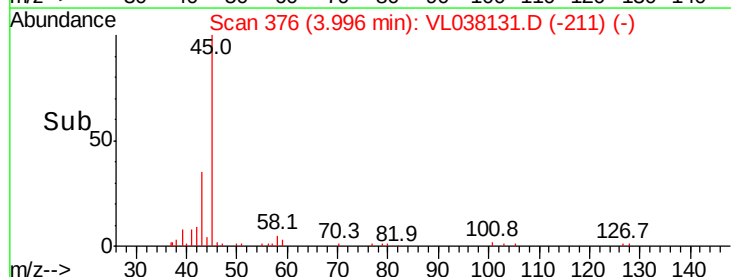
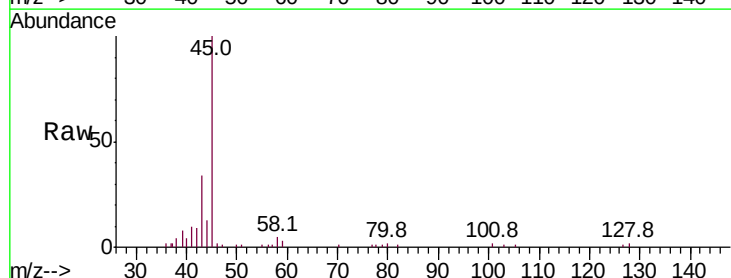
Acq: 29 Nov 2021 12:25

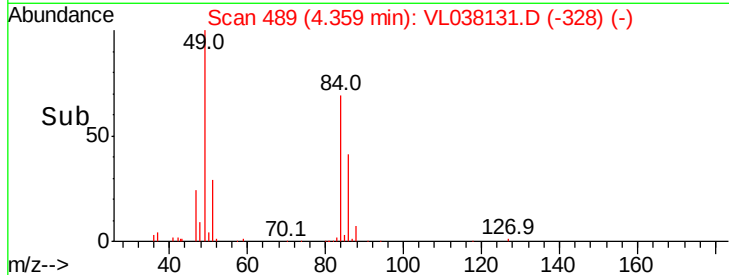
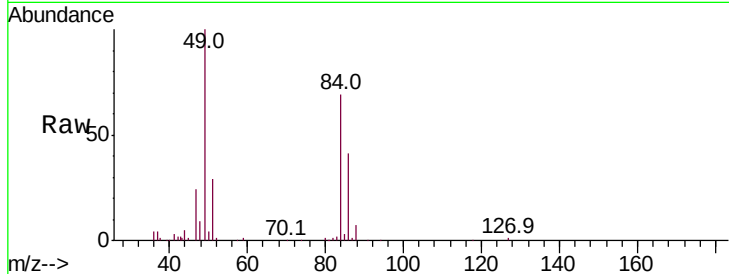
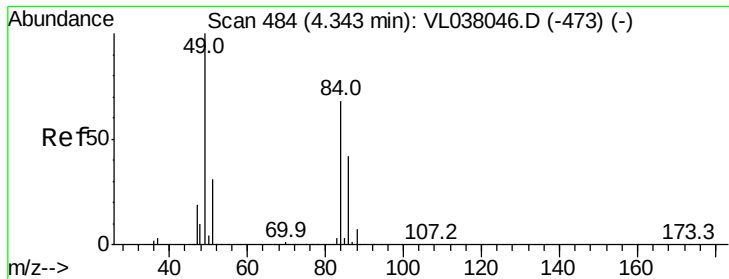
Tgt Ion: 45 Resp: 76520

Ion Ratio Lower Upper

45 100

58 5.7 1.4 2.0#



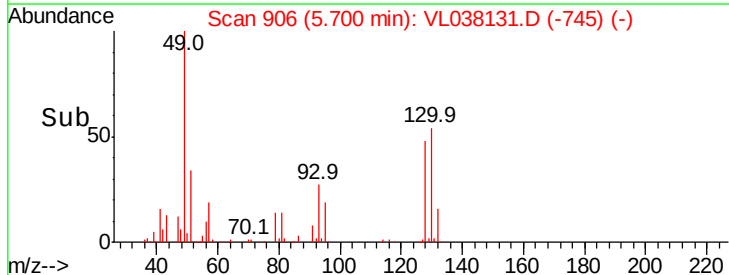
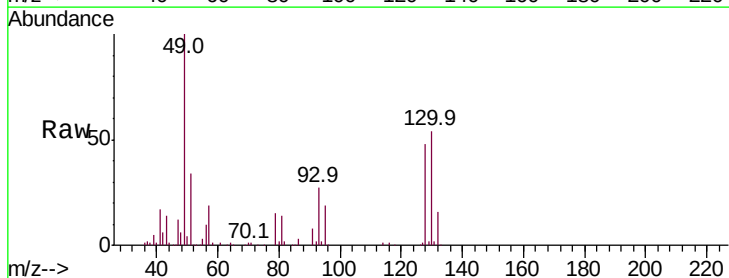
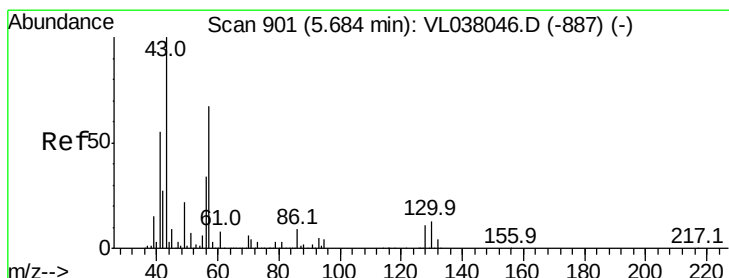
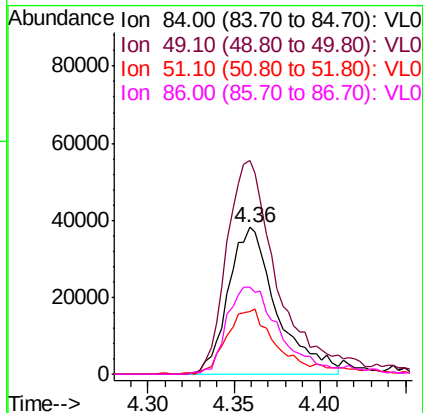


#20
Methvlene Chloride
Concen: 1.571 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Nov 2021 12:25 SG-CURVY-BRIDEDL

Tot Ion:
Ion Ratio
84 100
49 144.
51 41.
86 59.3 49.0 73.6

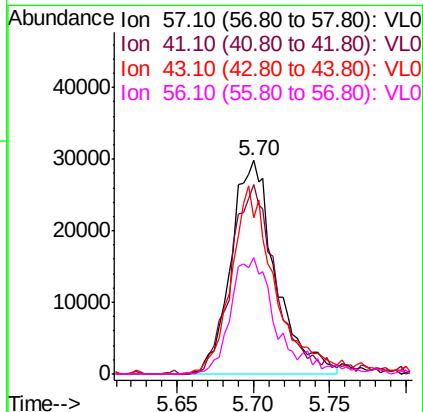
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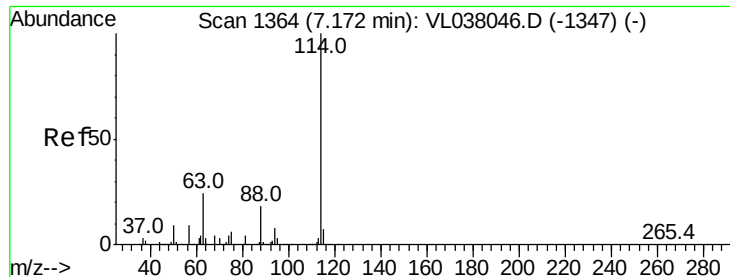
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#26
Hexane
Concen: 0.443 ppbv m
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL038131.D
Acq: 29 Nov 2021 12:25

Tgt Ion: 57 Resp: 60242
Ion Ratio Lower Upper
57 100
41 93.3 71.4 107.2
43 90.3 174.6 261.8#
56 57.6 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument: MSVOA_L

Delta R.T. 0.01 min

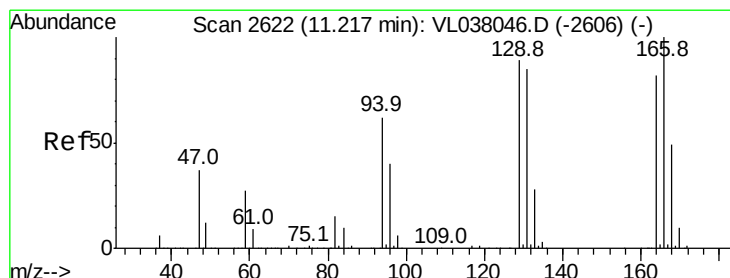
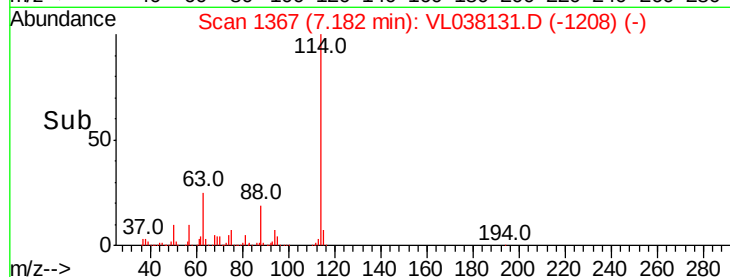
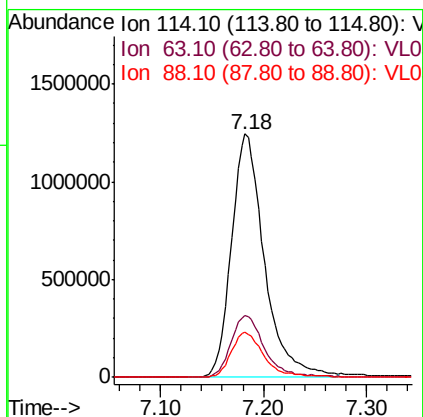
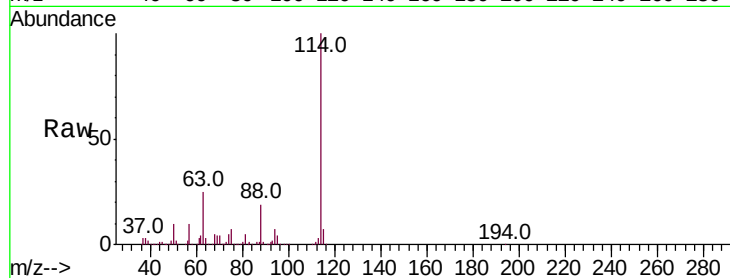
Lab File: ClientSampleId: SG-CURVY-BRIDE

Acq: 29 Nov 2021 12:25

Tot Ion:1
Ion Rati
114 100
63 26.
88 18.

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Supervised By :Mahesh Dadoda 12/01/2021



#52

Tetrachloroethene

Concen: 15.906 ppbv

RT: 11.23 min Scan# 2626

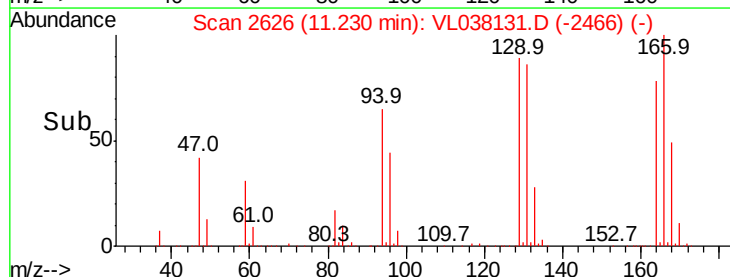
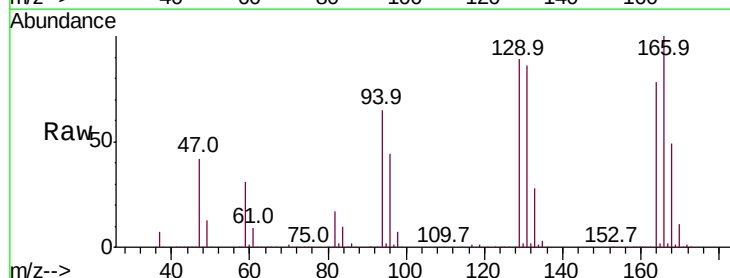
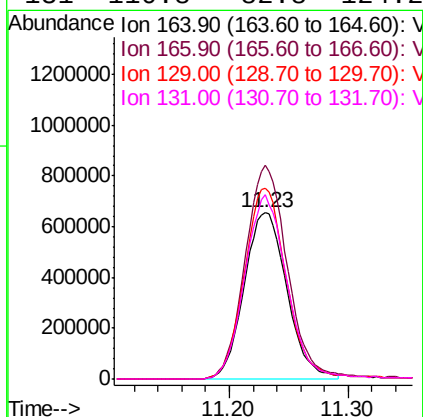
Delta R.T. 0.01 min

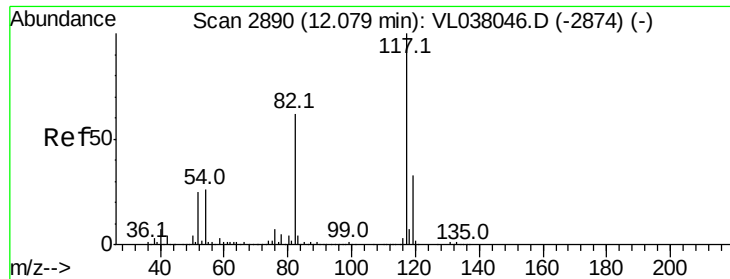
Lab File: VL038131.D

Acq: 29 Nov 2021 12:25

Tgt Ion:164 Resp: 1628398

Ion	Ratio	Lower	Upper
164	100		
166	128.4	97.2	145.8
129	114.6	86.9	130.3
131	110.8	82.8	124.2



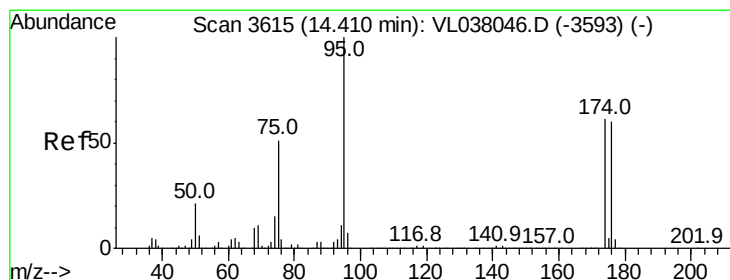
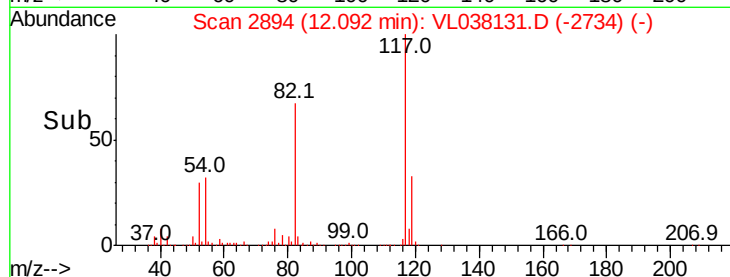
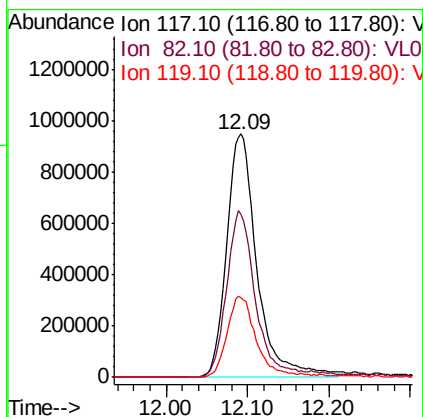
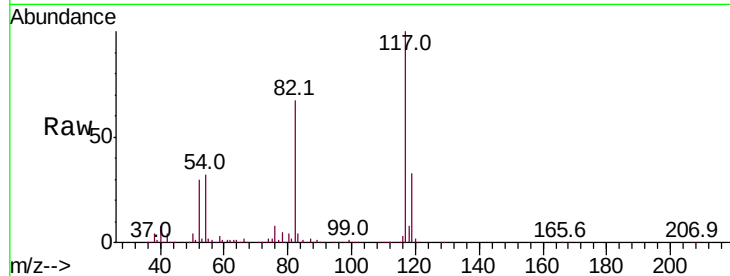


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Nov 2021 12:25

Tot Ion: 1
Ion Ratio
117 100
82 70.
119 34.

Manual Integrations
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Supervised By : Mahesh Dadoda 12/01/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.509 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038131.D
Acq: 29 Nov 2021 12:25

Tgt Ion: 95 Resp: 1884714
Ion Ratio Lower Upper
95 100
174 62.8 53.1 79.7
175 4.8 4.0 6.0

