

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039214.D
 Acq On : 7 Jun 2022 18:14
 Operator : SY/AP
 Sample : N3199-03DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 05:53:49 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	757864	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1819338	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1532253	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1323111	10.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	23139m	0.174	ppbv
3) Chlorodifluoromethane	3.00	51	12382m	0.128	ppbv
4) Chloromethane	3.15	50	9343m	0.189	ppbv
9) Propene	3.02	41	19105m	0.454	ppbv
13) Ethanol	3.61	45	95340m	41.578	ppbv
15) Acetone	3.86	43	72738	0.921	ppbv # 47
19) Isopropyl Alcohol	3.98	45	38566m	1.042	ppbv
20) Methylene Chloride	4.35	84	200816	6.036	ppbv 95
26) Hexane	5.69	57	159802	2.044	ppbv # 38
53) Toluene	9.80	91	28396m	0.167	ppbv

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

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Manual Integrations
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Quant Time: Jun 08 05:53:49 2022

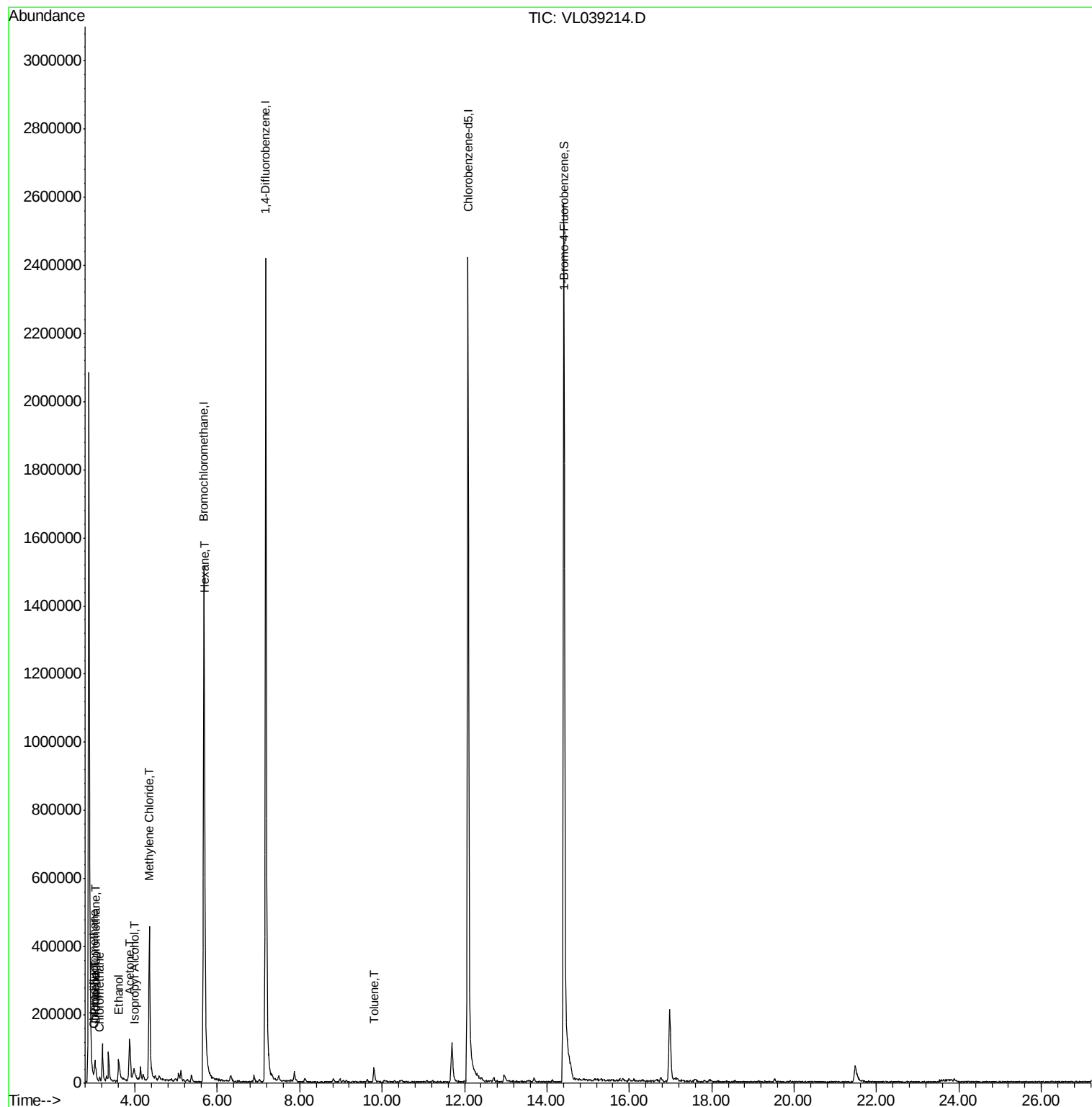
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122

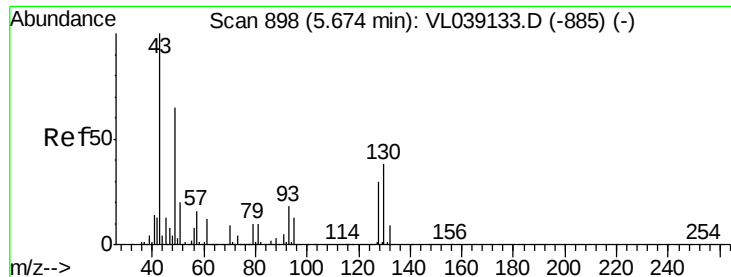
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Jun 01 01:22:18 2022

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Supervised By :Mahesh Dadoda 06/10/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 18:14

Tot Ion:

Ion Ratio

49 100

128 48.

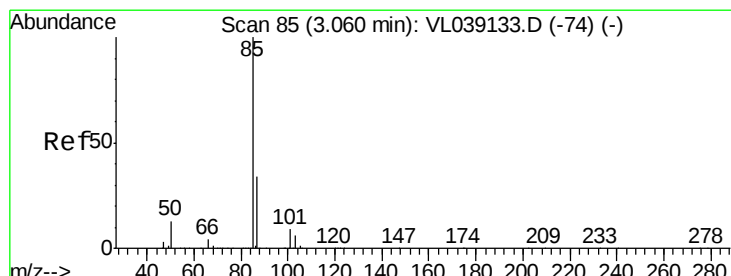
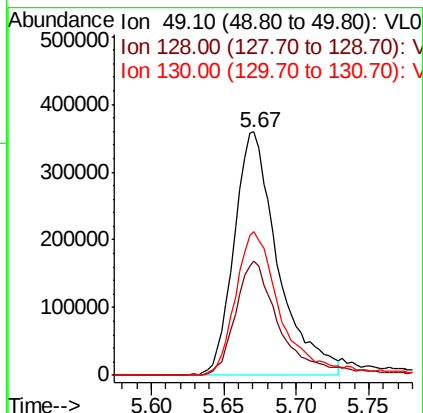
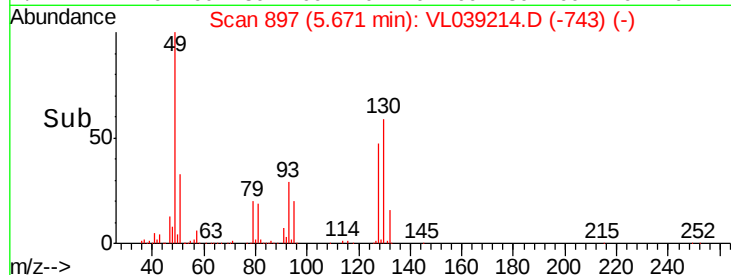
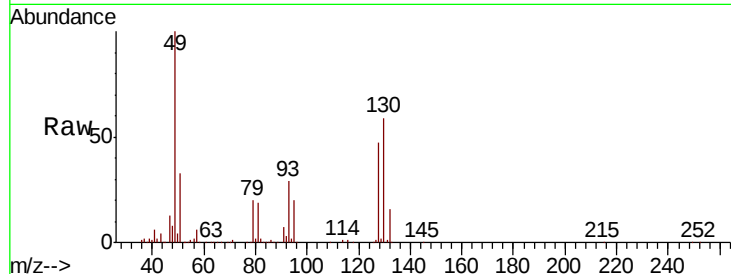
130 63.

Manual Integrations

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Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 0.174 ppbv m

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039214.D

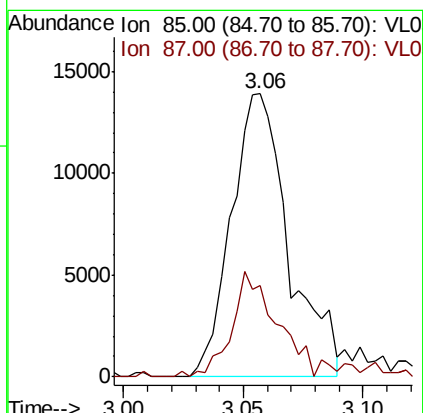
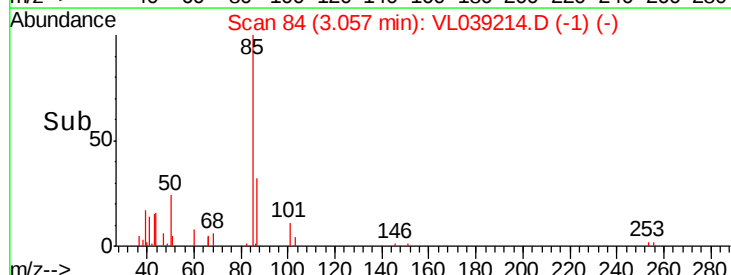
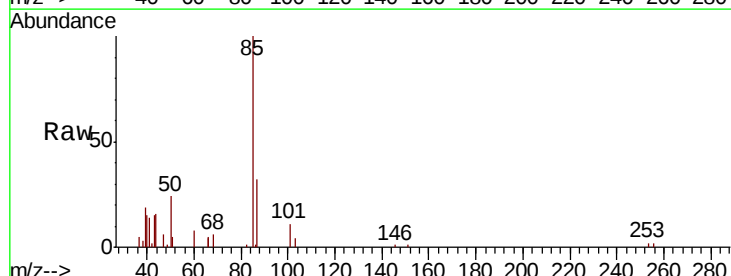
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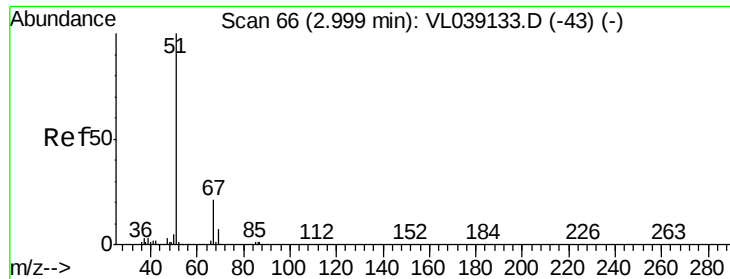
Tgt Ion: 85 Resp: 23139

Ion Ratio Lower Upper

85 100

87 32.5 26.9 40.3



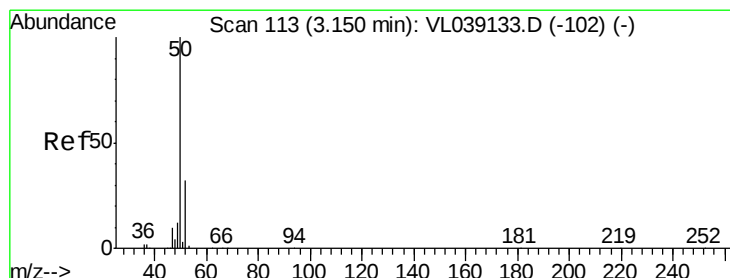
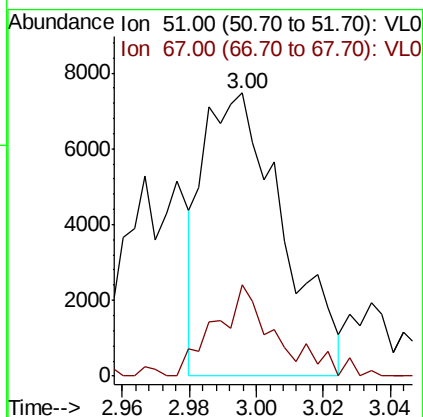
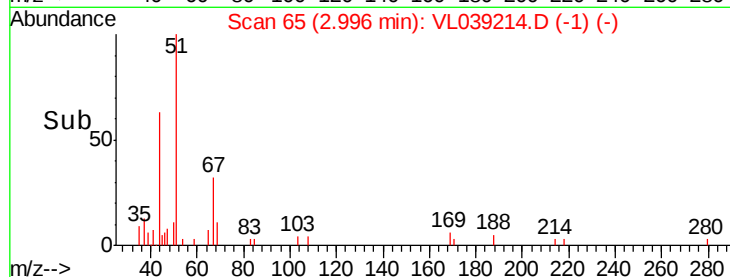
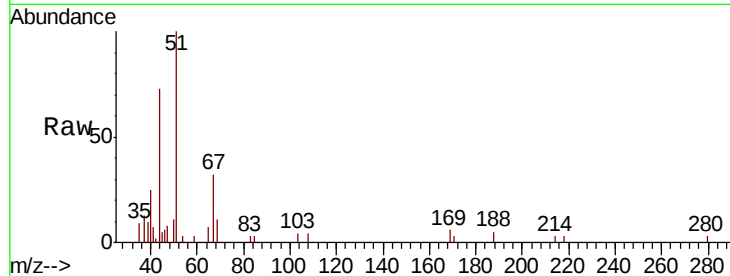


#3
Chlorodifluoromethane
Concen: 0.128 ppbv m
RT: 3.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 18:14

Tot Ion:
Ion Ratio
51 100
67 25.

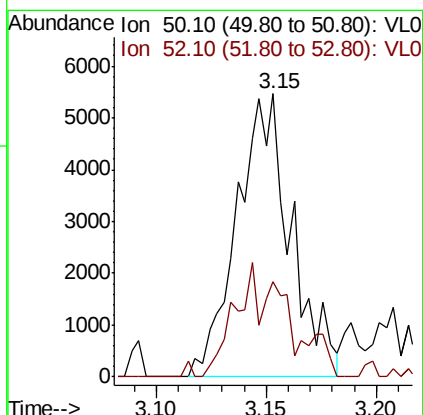
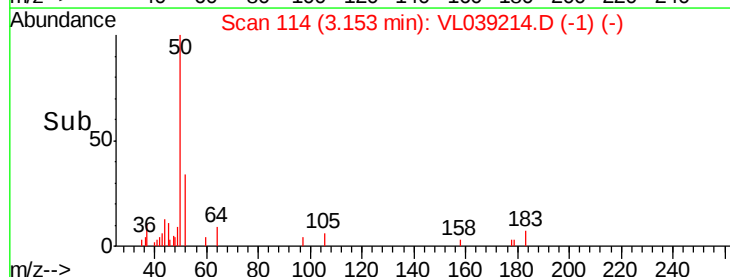
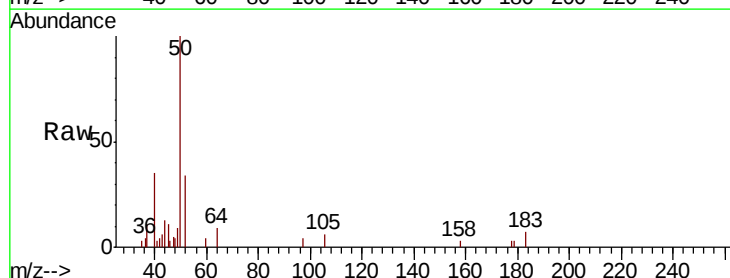
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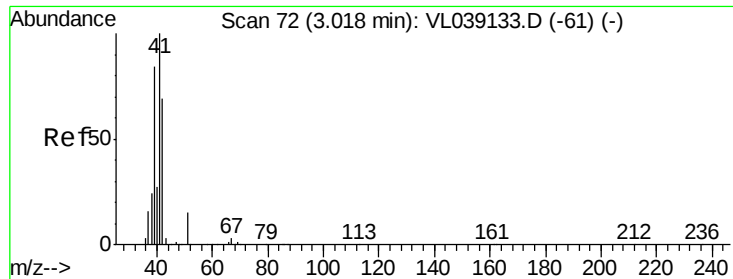
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#4
Chloromethane
Concen: 0.189 ppbv m
RT: 3.15 min Scan# 114
Delta R.T.: 0.00 min
Lab File: VL039214.D
Acq: 7 Jun 2022 18:14

Tgt Ion: 50 Resp: 9343
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



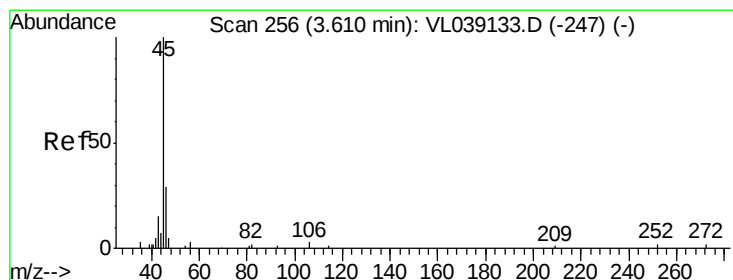
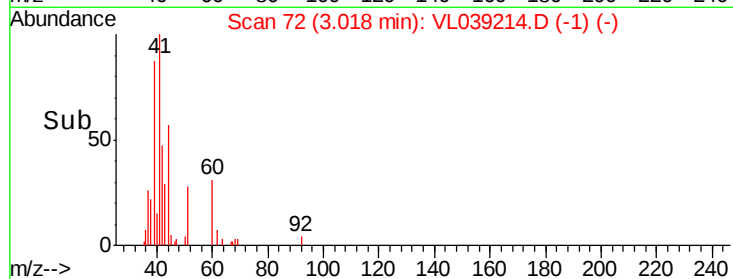
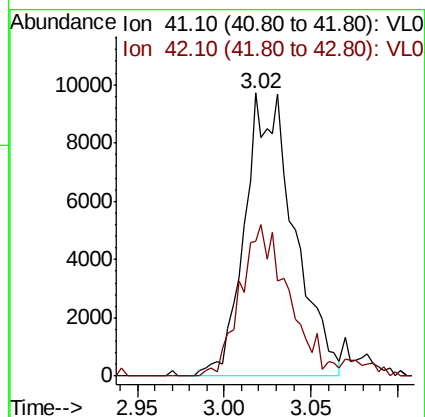
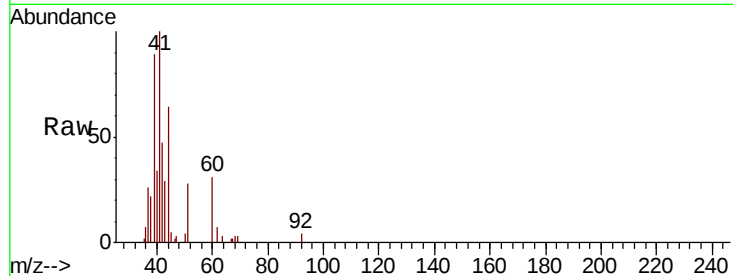


#9
 Propene
 Concen: 0.454 ppbv m
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 18:14

Tot Ion:
 Ion Ratio
 41 100
 42 56.

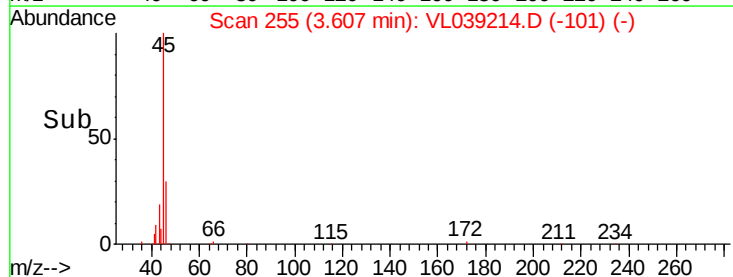
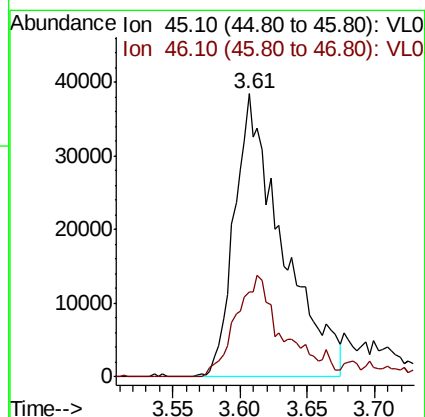
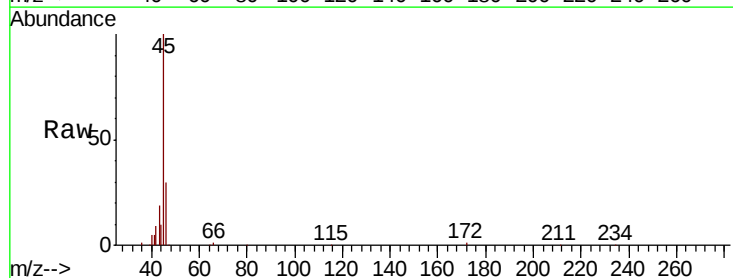
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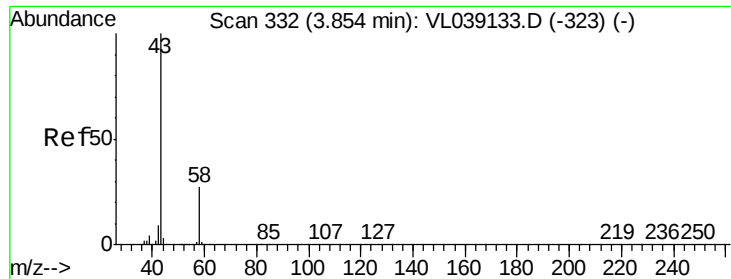
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#13
 Ethanol
 Concen: 41.578 ppbv m
 RT: 3.61 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VL039214.D
 Acq: 7 Jun 2022 18:14

Tgt Ion: 45 Resp: 95340
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0



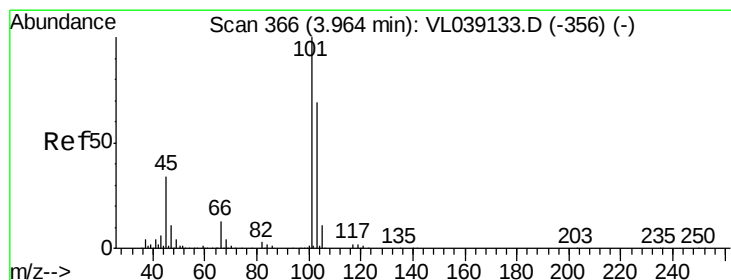
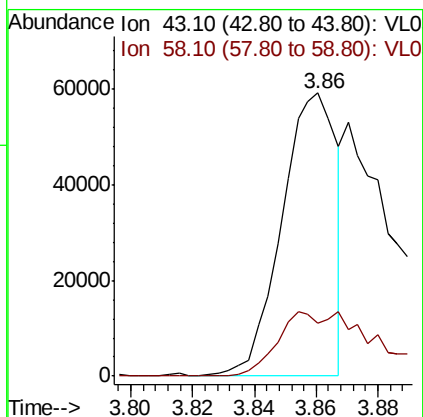
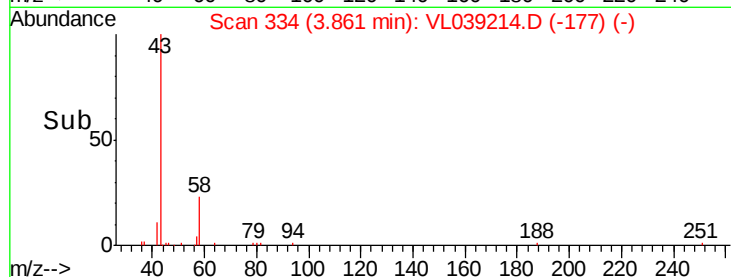
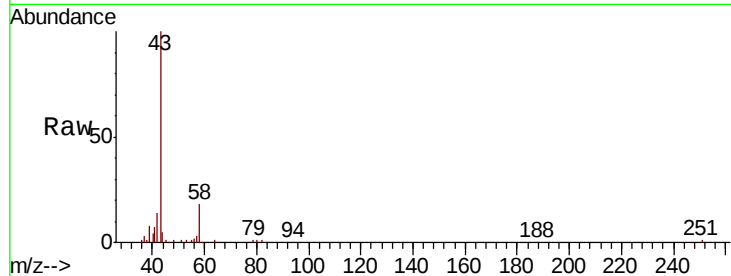


#15
Acetone
Concen: 0.921 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 18:14

Tot Ion:
Ion Ratio
43 100
58 0.

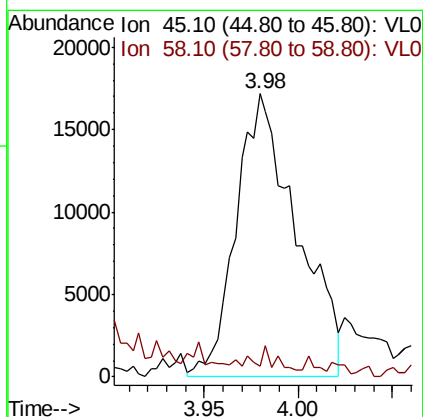
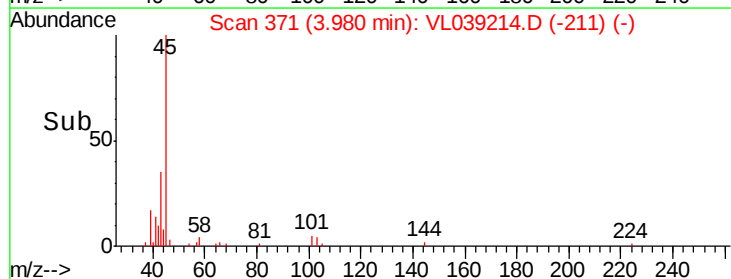
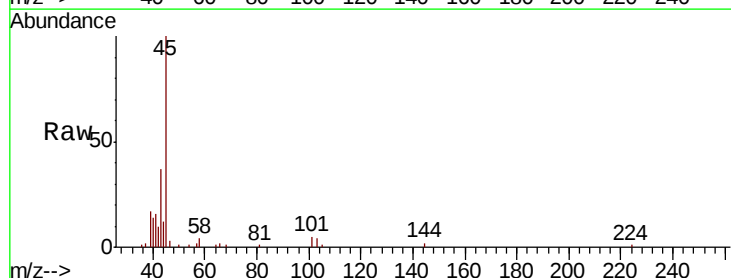
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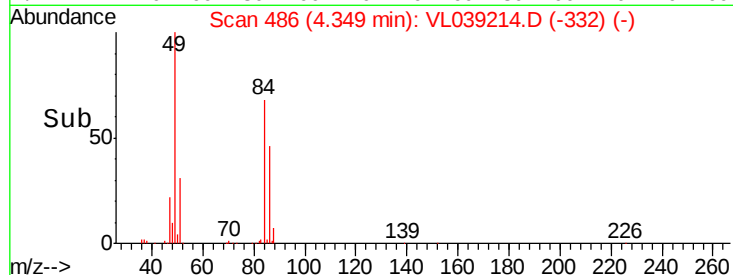
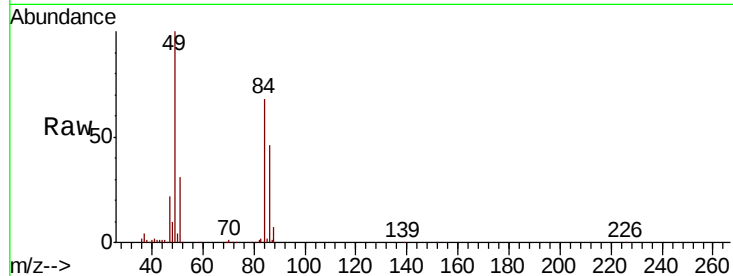
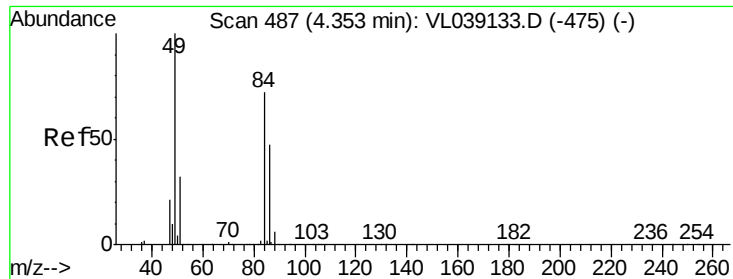
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#19
Isopropyl Alcohol
Concen: 1.042 ppbv m
RT: 3.98 min Scan# 371
Delta R.T. 0.02 min
Lab File: VL039214.D
Acq: 7 Jun 2022 18:14

Tgt Ion: 45 Resp: 38566
Ion Ratio Lower Upper
45 100
58 5.2 1.8 2.8#



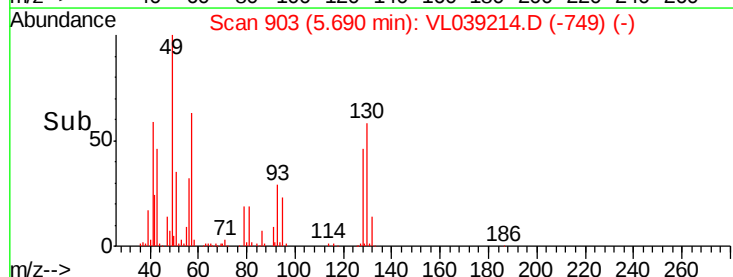
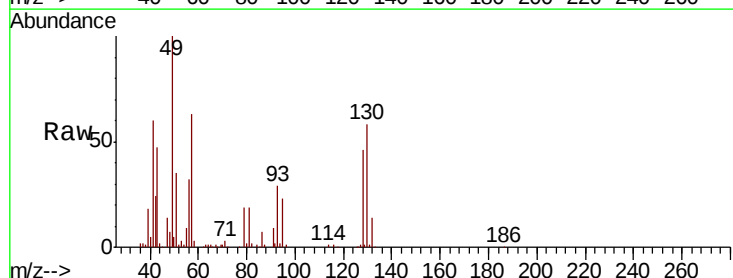
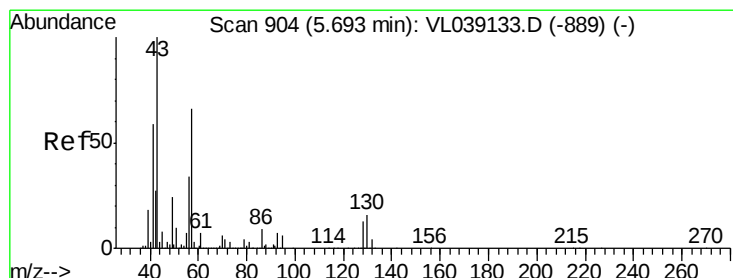
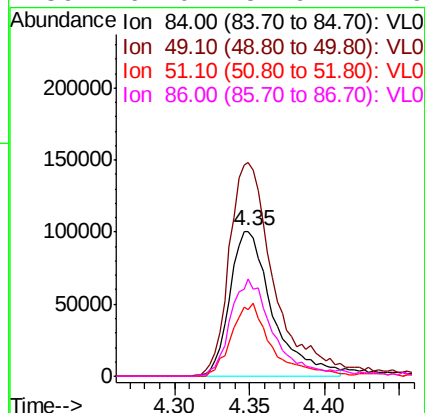


#20
Methvlene Chloride
Concen: 6.036 ppbv
RT: 4.35
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 18:14

Tot Ion:
Ion Ratio
84 100
49 147.
51 45.
86 67.0 51.9 77.9

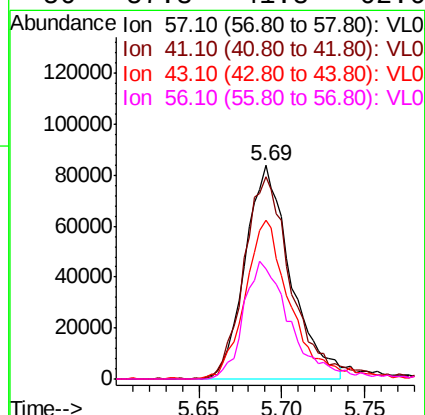
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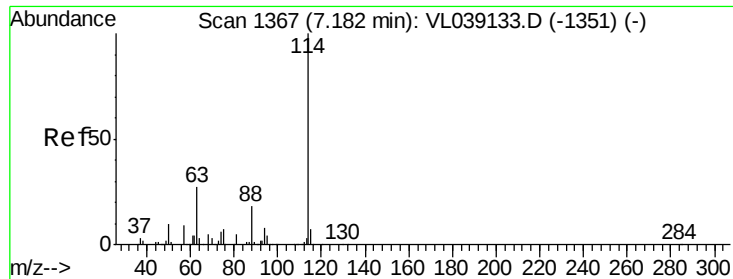
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 2.044 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL039214.D
Acq: 7 Jun 2022 18:14

Tgt Ion: 57 Resp: 159802
Ion Ratio Lower Upper
57 100
41 102.0 72.4 108.6
43 76.5 187.0 280.6#
56 57.3 41.8 62.6



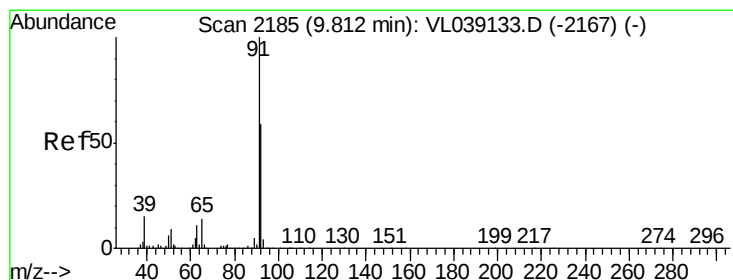
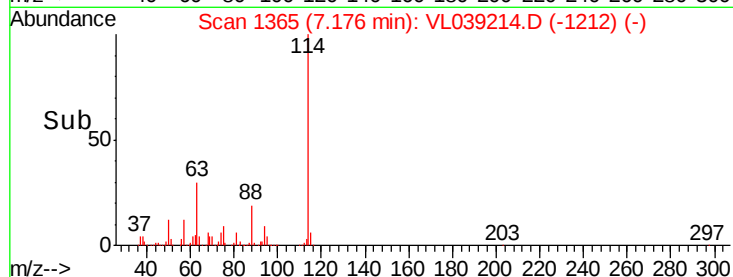
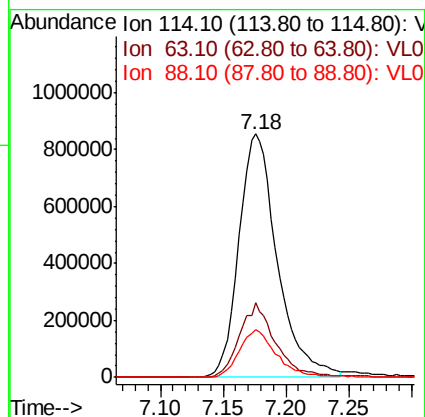
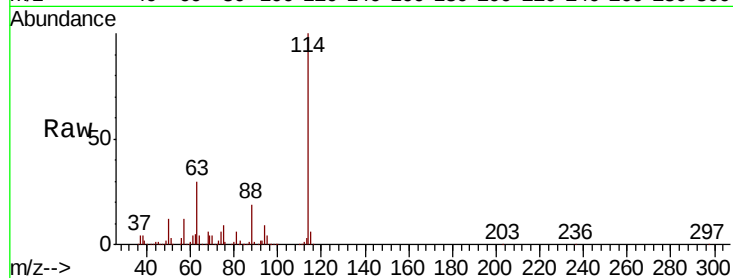


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 18:14

Tot Ion:1
 Ion Rati
 114 100
 63 29.
 88 19.

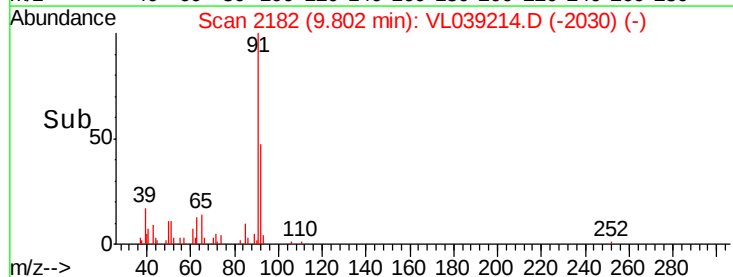
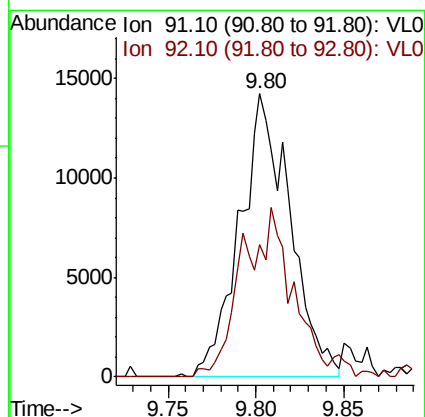
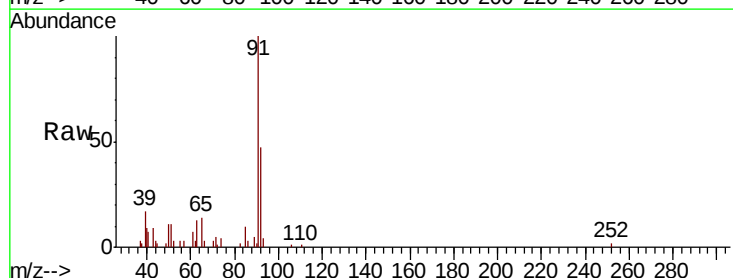
Manual Integrations
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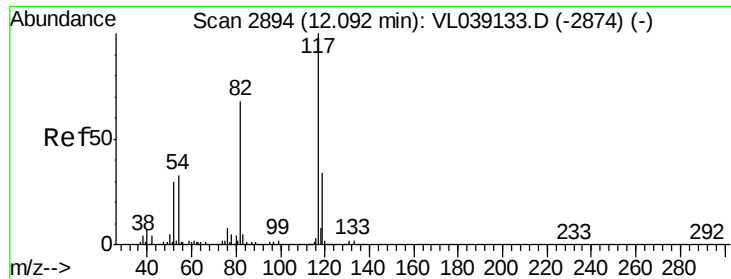
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#53
 Toluene
 Concen: 0.167 ppbv m
 RT: 9.80 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: VL039214.D
 Acq: 7 Jun 2022 18:14

Tgt Ion: 91 Resp: 28396
 Ion Ratio Lower Upper
 91 100
 92 0.0 48.1 72.1#



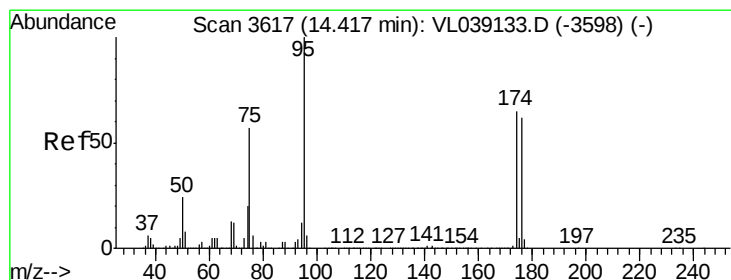
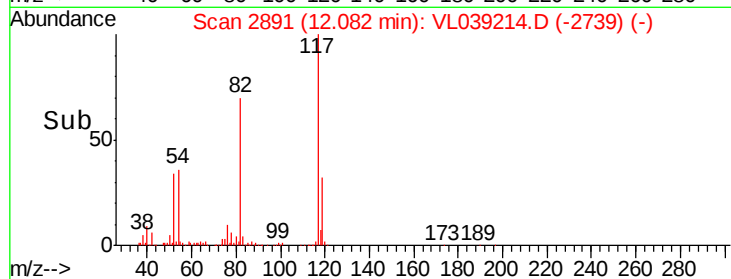
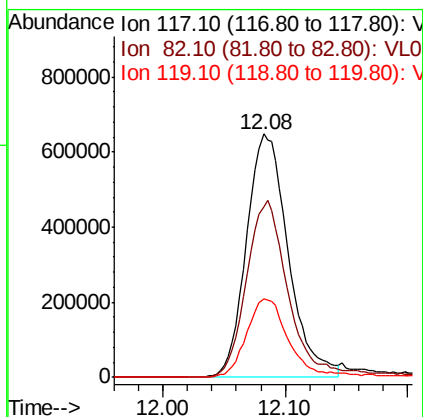
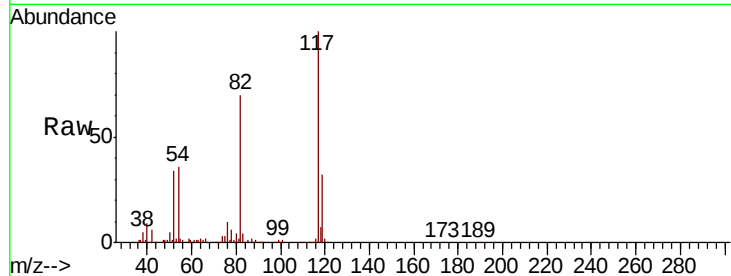


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 18:14

Tot Ion: 1
Ion Ratio
117 100
82 75.
119 33.

Manual Integrations
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Supervised By :Mahesh Dadoda 06/10/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.445 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL039214.D
Acq: 7 Jun 2022 18:14

Tgt Ion: 95 Resp: 1323111
Ion Ratio Lower Upper
95 100
174 62.1 53.8 80.8
175 4.6 4.1 6.1

