

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039955.D
 Acq On : 1 Dec 2022 23:34
 Operator : SY/MD
 Sample : N5826-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:36:35 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.156	49	1037301	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	2975651	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2640914	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2039153	10.109	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.700	85	47268	0.318	ppbv	91
4) Chloromethane	2.787	50	13283	0.145	ppbv	89
9) Propene	2.665	41	31705	0.470	ppbv	84
11) Trichlorofluoromethane	3.530	101	55811	0.308	ppbv	92
13) Ethanol	3.208	45	91798m	17.832	ppbv	
15) Acetone	3.439	43	411113m	2.988	ppbv	
17) tert-Butyl alcohol	3.861	59	19755	0.125	ppbv	96
19) Isopropyl Alcohol	3.552	45	90154m	1.210	ppbv	
20) Methylene Chloride	3.899	84	42595	0.639	ppbv	92
25) Ethyl Acetate	5.169	43	1185139	4.692	ppbv #	90
29) Chloroform	5.237	83	31530m	0.215	ppbv	
31) cis-1,2-Dichloroethene	5.047	61	110558	1.084	ppbv	98
32) 1,1,1-Trichloroethane	5.964	97	61604m	0.336	ppbv	
34) 2-Butanone	4.758	43	92238	0.648	ppbv	96
35) Carbon Tetrachloride	6.452	117	9670m	0.057	ppbv	
36) Benzene	6.330	78	62464m	0.247	ppbv	
38) Trichloroethene	7.259	130	236659	1.674	ppbv	97
44) 2,2,4-Trimethylpentane	7.288	57	604930	1.433	ppbv	98
52) Tetrachloroethene	10.581	164	442599	4.678	ppbv	92
53) Toluene	9.185	91	171275	0.594	ppbv	98
59) m/p-Xylene	12.311	91	50009m	0.167	ppbv	

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

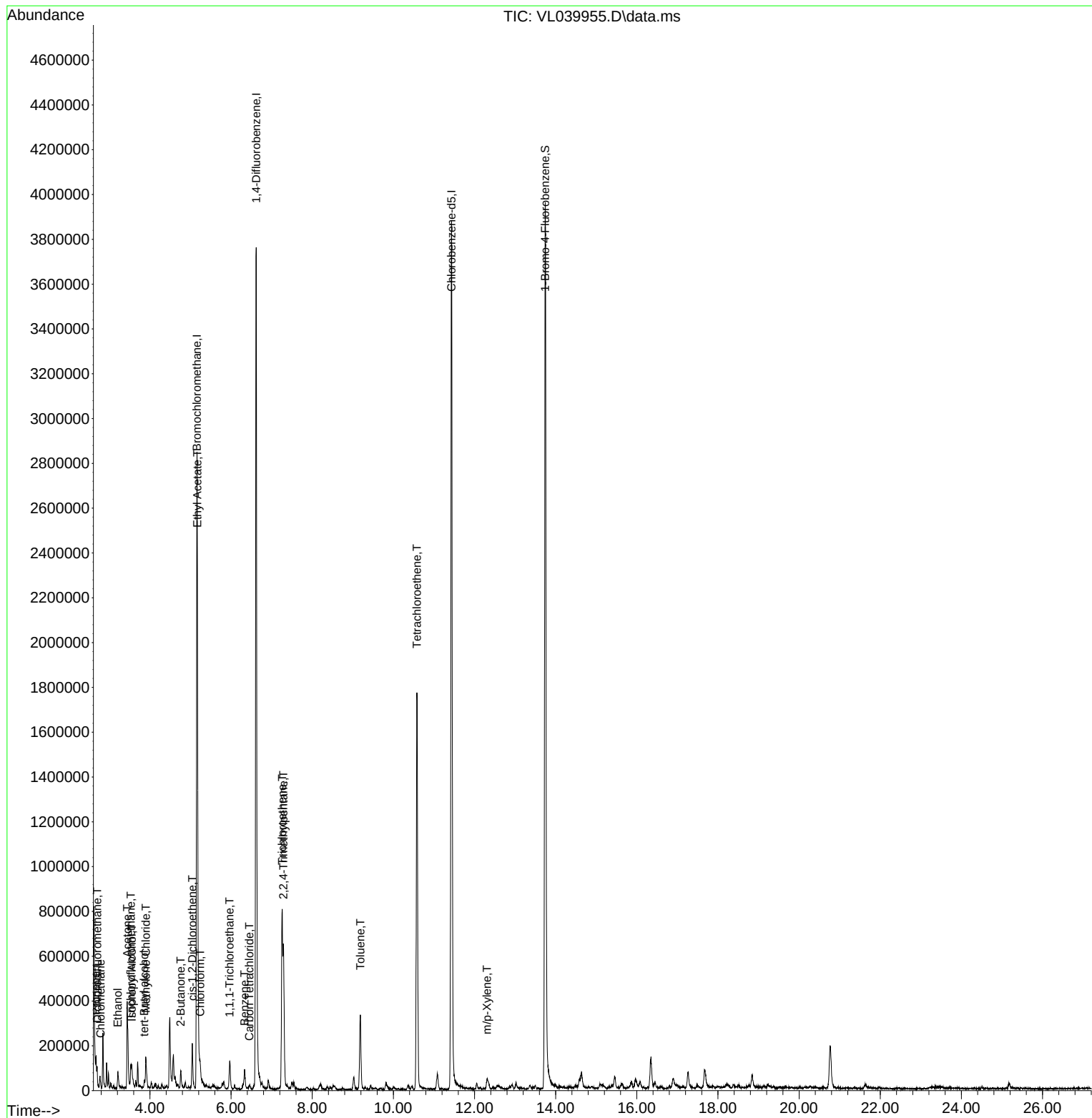
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
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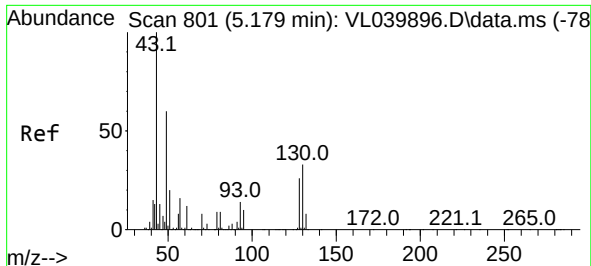
Instrument :
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ClientSampleId :
H302022-INFLUENT

Quant Time: Dec 02 05:36:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

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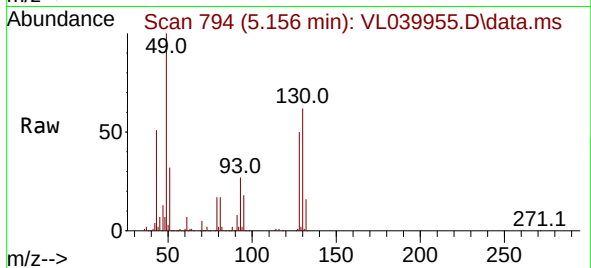
Reviewed By : Semsettin Yesilyurt 12/02/2022
Supervised By : Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. -0.017 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

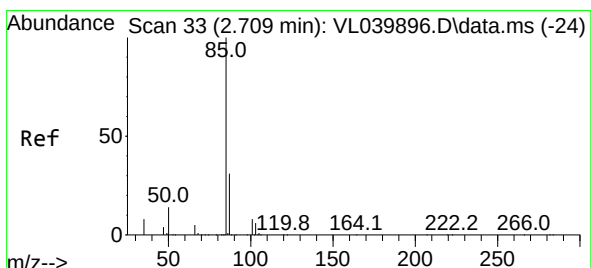
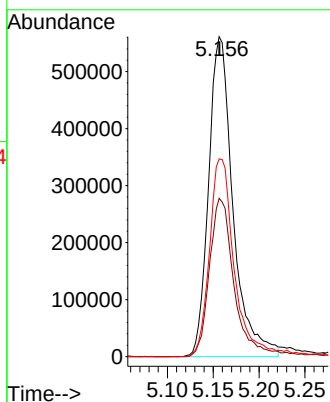
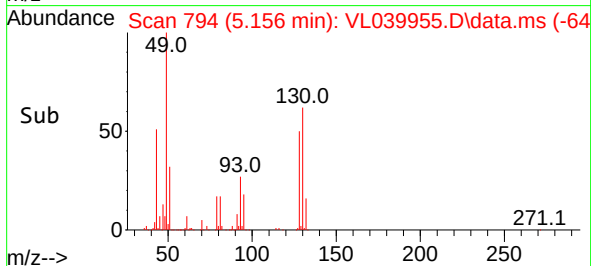
Instrument :
MSVOA_L
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H302022-INFLUENT



Tgt Ion: 49 Resp: 103730
Ion Ratio Lower Upper
49 100
128 51.0 22.1 66.3
130 65.4 27.7 83.1

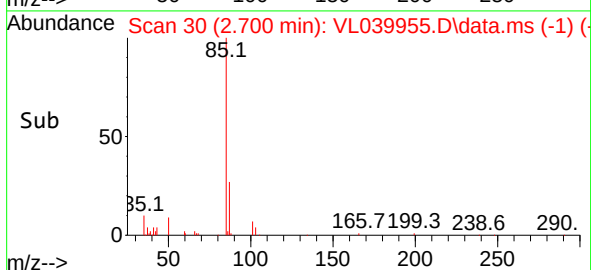
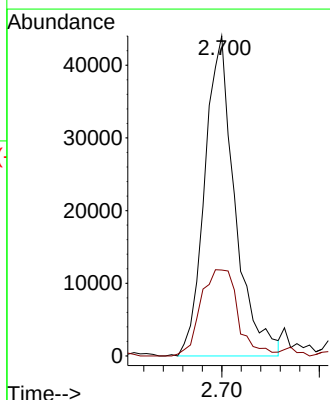
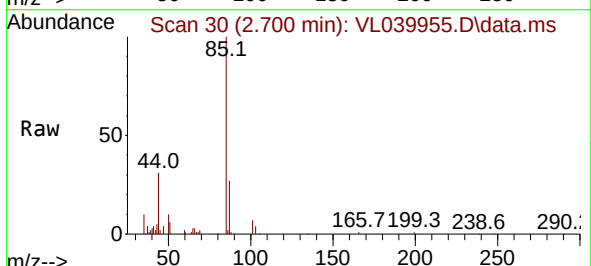
Manual Integrations
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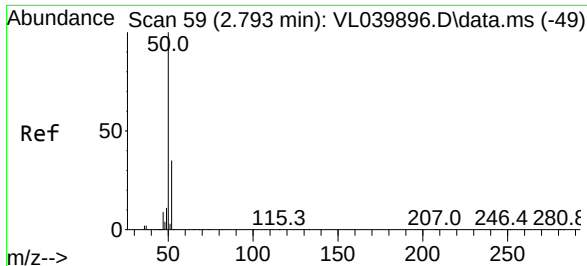
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#2
Dichlorodifluoromethane
Concen: 0.318 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

Tgt Ion: 85 Resp: 47268
Ion Ratio Lower Upper
85 100
87 26.3 25.0 37.4





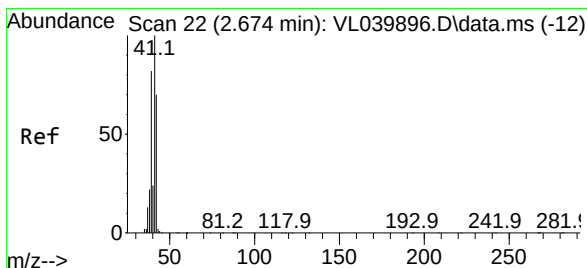
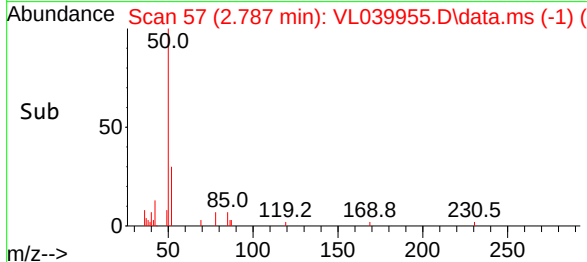
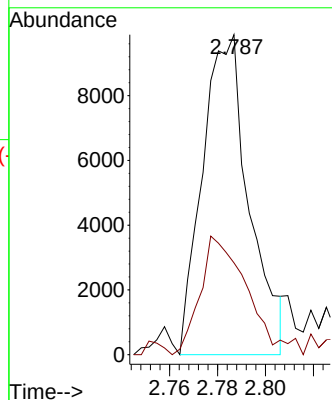
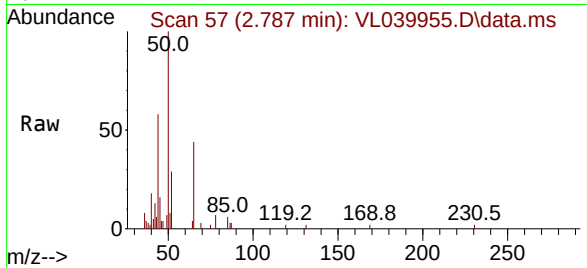
#4
Chloromethane
Concen: 0.145 ppbv
RT: 2.787 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

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Tgt Ion: 50 Resp: 1328
Ion Ratio Lower Upper
50 100
52 28.3 27.8 41.8

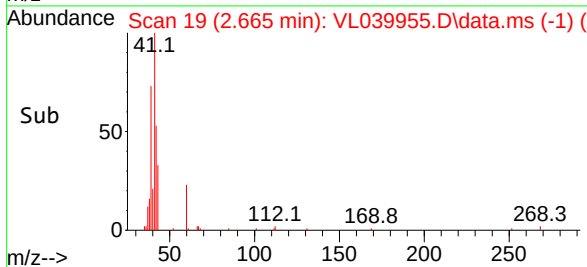
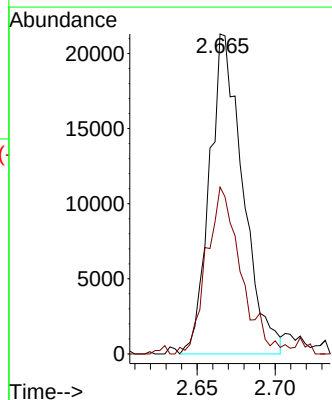
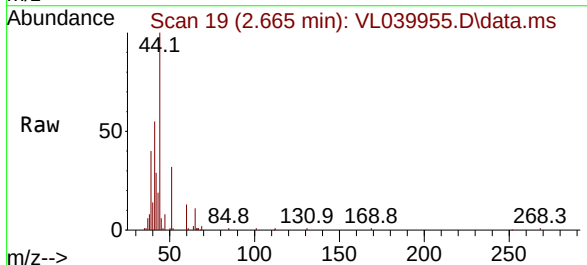
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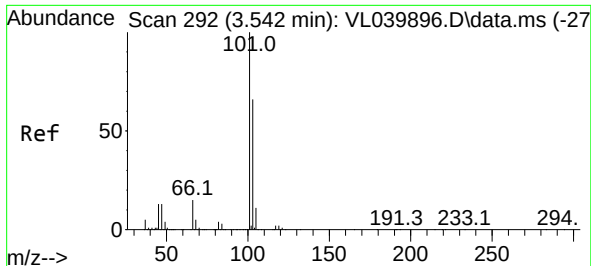
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#9
Propene
Concen: 0.470 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

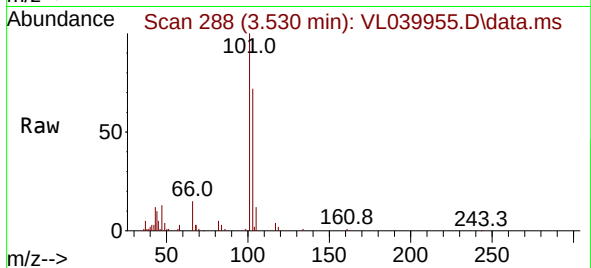
Tgt Ion: 41 Resp: 31705
Ion Ratio Lower Upper
41 100
42 56.6 55.8 83.6





#11
Trichlorofluoromethane
Concen: 0.308 ppbv
RT: 3.530 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

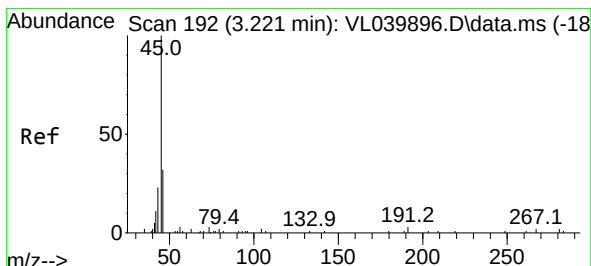
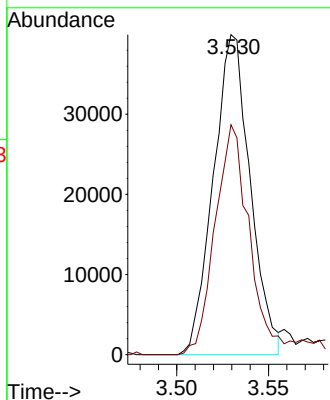
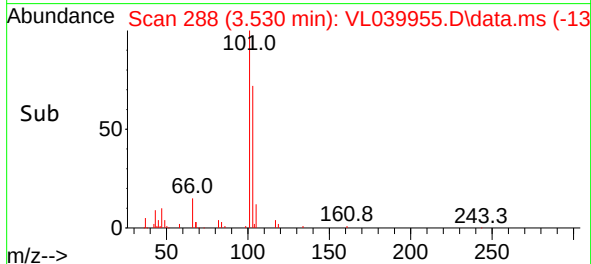
Instrument :
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Tgt Ion:101 Resp: 5581
Ion Ratio Lower Upper
101 100
103 71.8 52.6 78.8

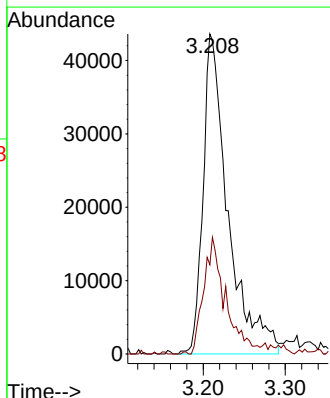
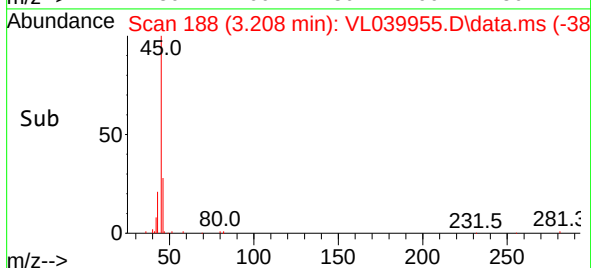
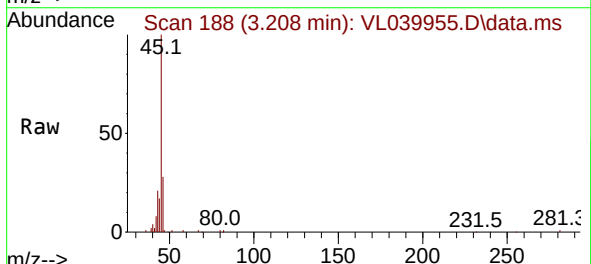
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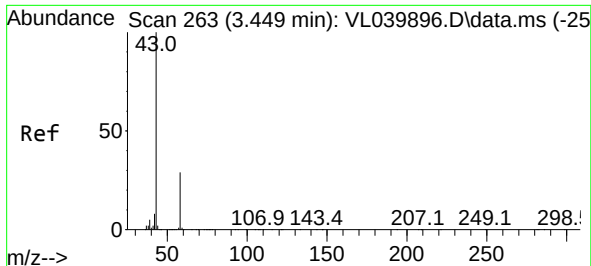
Reviewed By :Semsettin Yesilyurt 12/02/2022
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#13
Ethanol
Concen: 17.832 ppbv m
RT: 3.208 min Scan# 188
Delta R.T. -0.019 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

Tgt Ion: 45 Resp: 91798
Ion Ratio Lower Upper
45 100
46 32.9 14.6 58.2





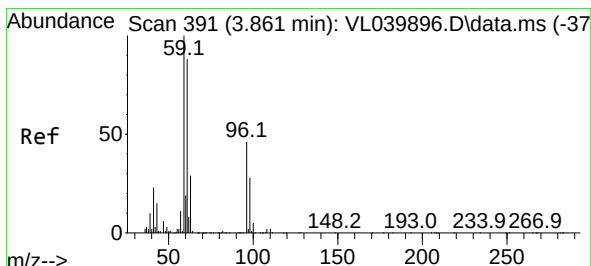
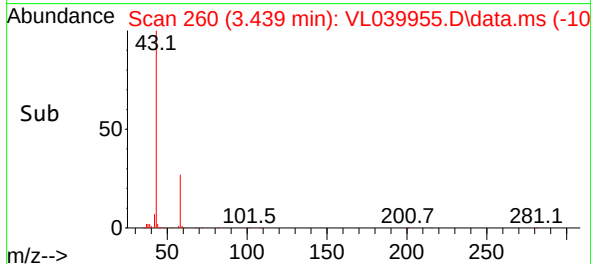
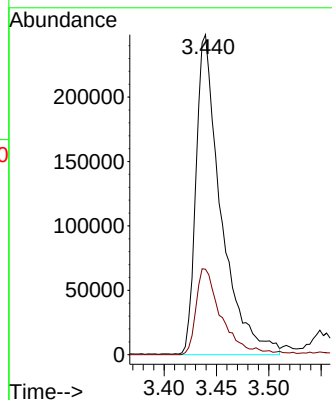
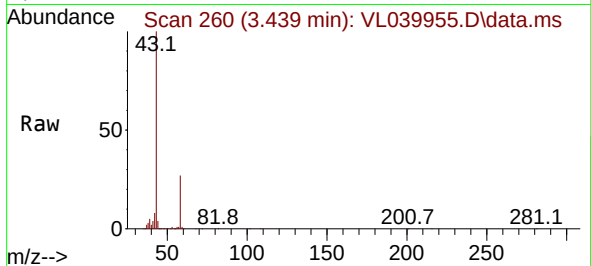
#15
Acetone
Concen: 2.988 ppbv m
RT: 3.439 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENT

Tgt Ion: 43 Resp: 41111
Ion Ratio Lower Upper
43 100
58 27.7 22.9 34.3

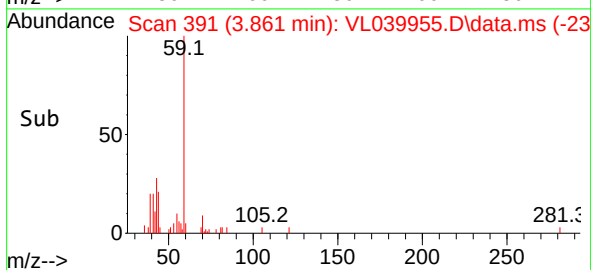
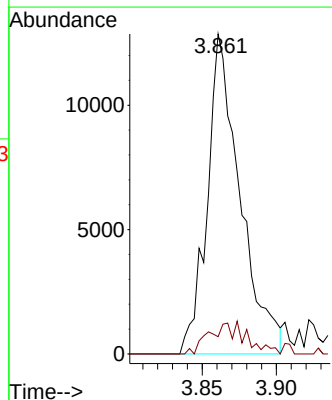
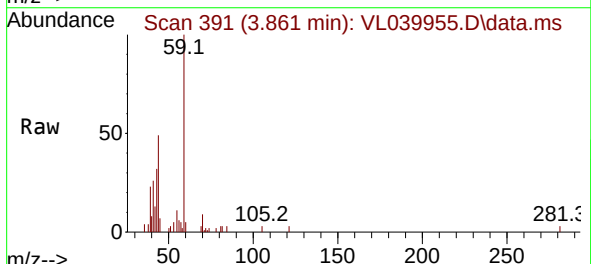
Manual Integrations
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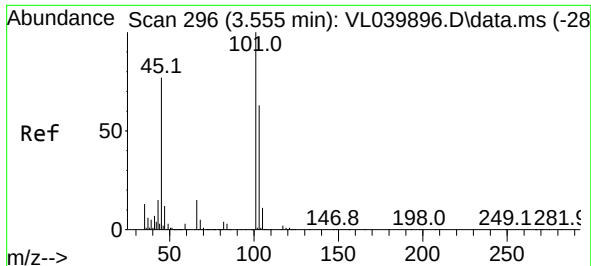
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#17
tert-Butyl alcohol
Concen: 0.125 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

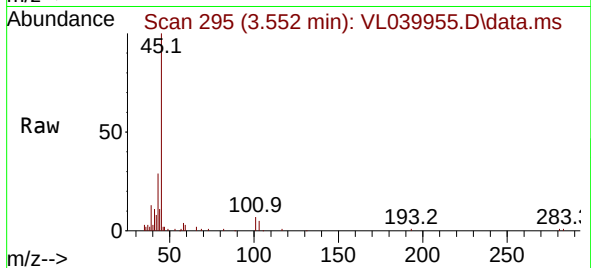
Tgt Ion: 59 Resp: 19755
Ion Ratio Lower Upper
59 100
57 11.9 8.3 12.5





#19
Isopropyl Alcohol
Concen: 1.210 ppbv m
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

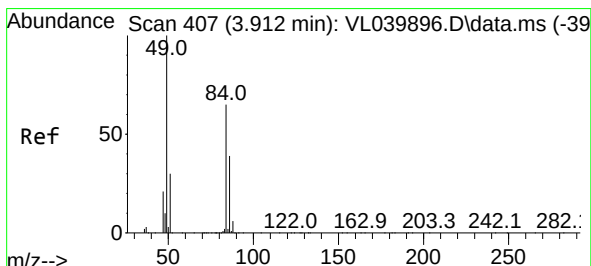
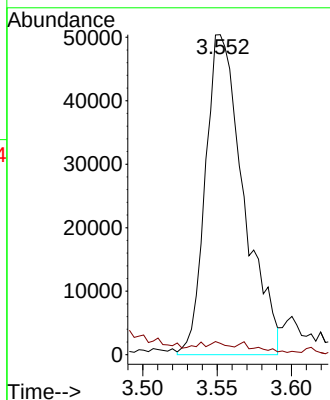
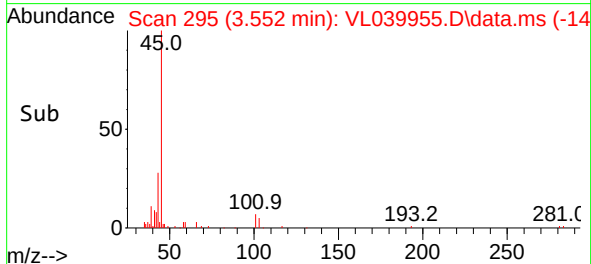
Instrument :
MSVOA_L
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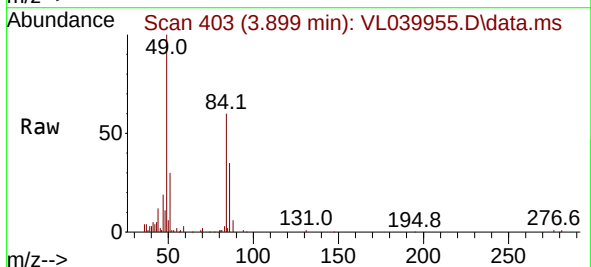
Tgt Ion: 45 Resp: 90154
Ion Ratio Lower Upper
45 100
58 4.3 38.7 58.1

Manual Integrations
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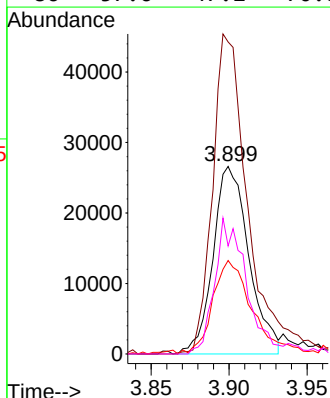
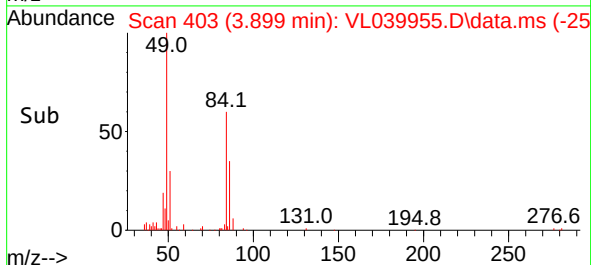
Reviewed By :Semsettin Yesilyurt 12/02/2022
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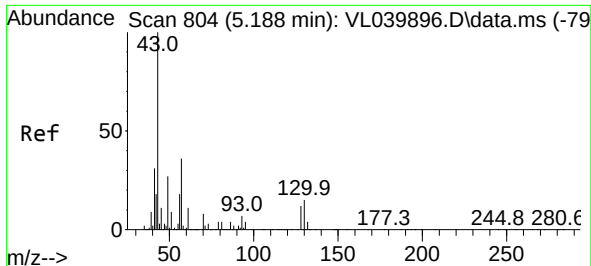


#20
Methylene Chloride
Concen: 0.639 ppbv
RT: 3.899 min Scan# 403
Delta R.T. -0.013 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34



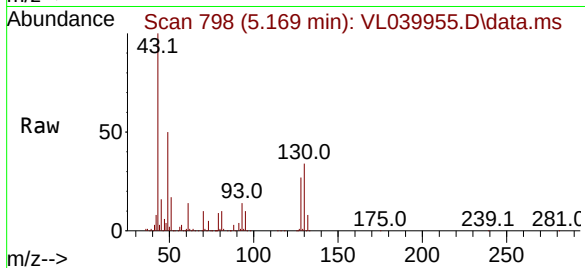
Tgt Ion: 84 Resp: 42595
Ion Ratio Lower Upper
84 100
49 165.7 122.2 183.4
51 49.8 36.3 54.5
86 57.6 47.2 70.8





#25
Ethyl Acetate
Concen: 4.692 ppbv
RT: 5.169 min Scan# 798
Delta R.T. -0.016 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

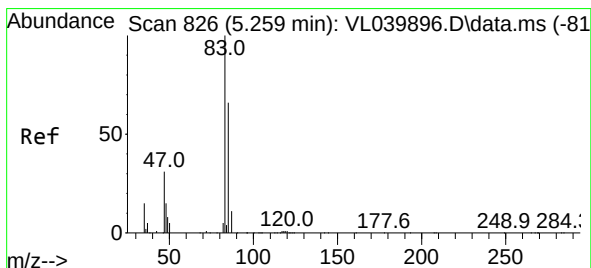
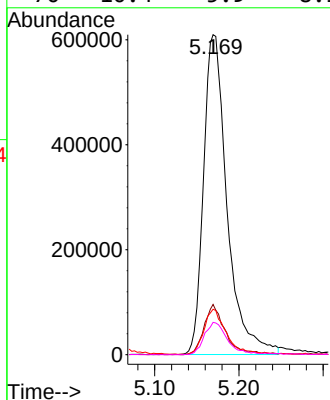
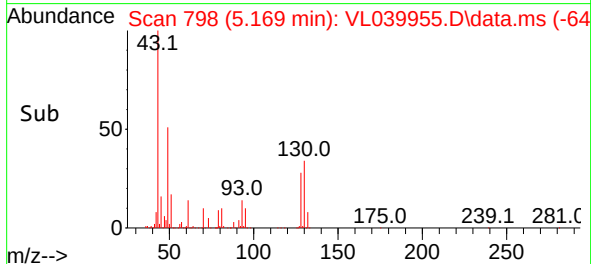
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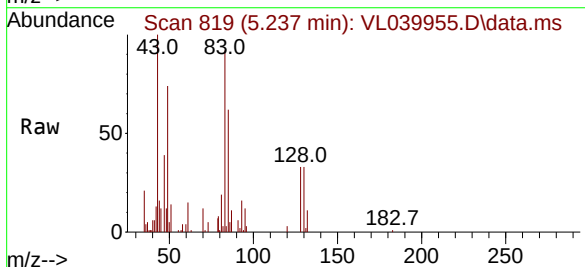
Tgt Ion: 43 Resp: 1185139
Ion Ratio Lower Upper
43 100
45 14.7 8.4 12.6
61 14.1 8.5 12.7
70 10.4 5.9 8.9

Manual Integrations
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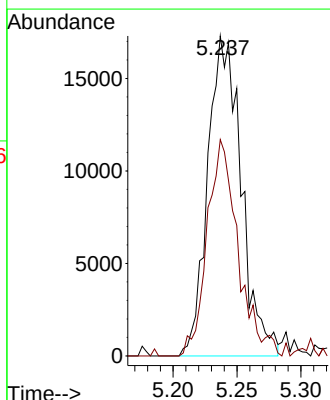
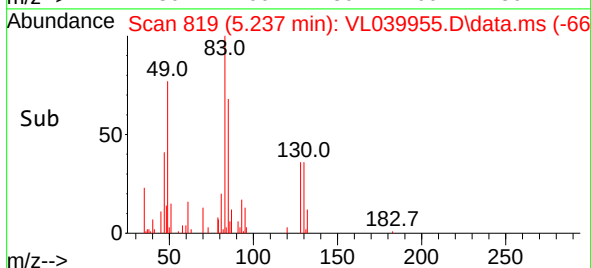
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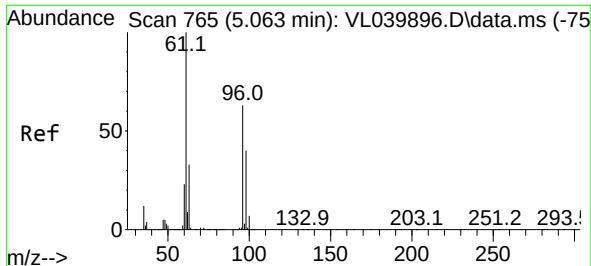


#29
Chloroform
Concen: 0.215 ppbv m
RT: 5.237 min Scan# 819
Delta R.T. -0.019 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34



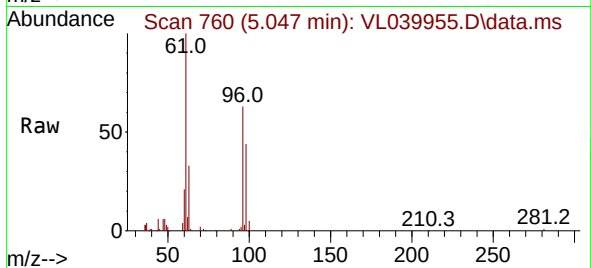
Tgt Ion: 83 Resp: 31530
Ion Ratio Lower Upper
83 100
85 67.6 52.4 78.6





#31
 cis-1,2-Dichloroethene
 Concen: 1.084 ppbv
 RT: 5.047 min Scan# 765
 Delta R.T. -0.010 min
 Lab File: VL039955.D
 Acq: 1 Dec 2022 23:34

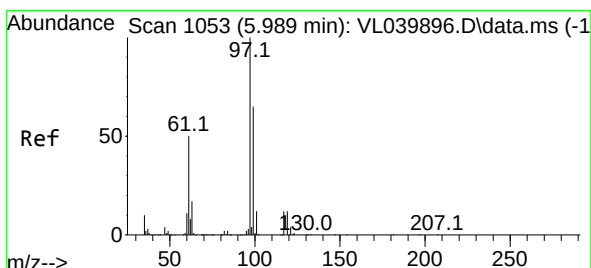
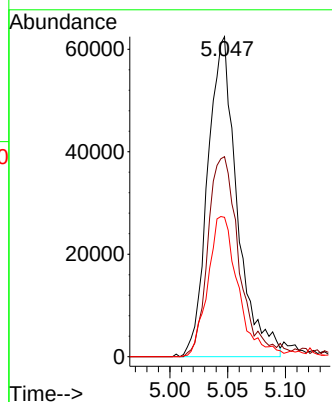
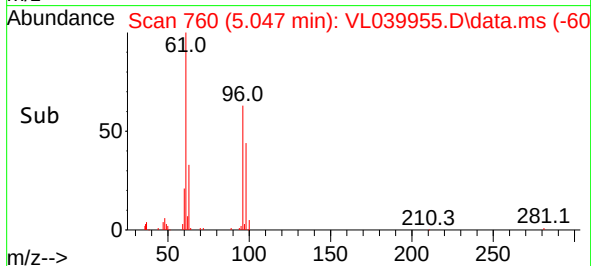
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Tgt Ion: 61 Resp: 110558
 Ion Ratio Lower Upper
 61 100
 96 62.5 50.3 75.5
 98 43.6 32.2 48.2

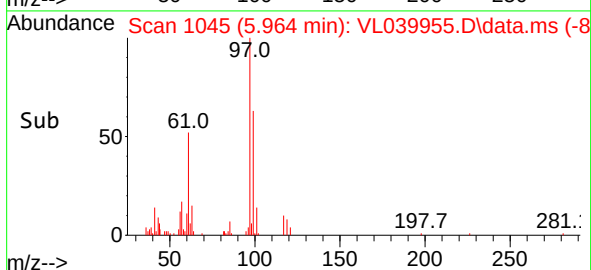
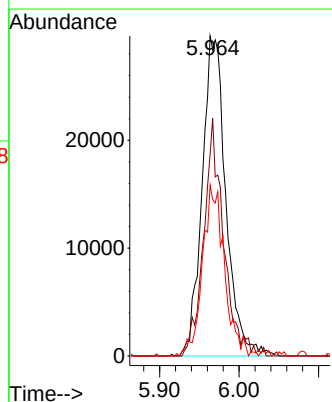
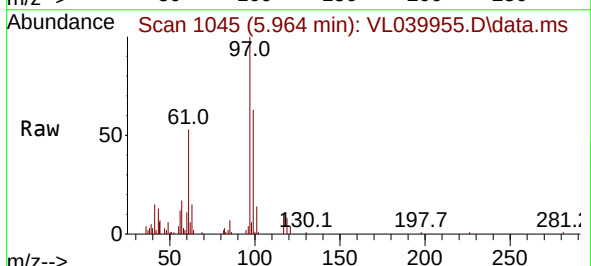
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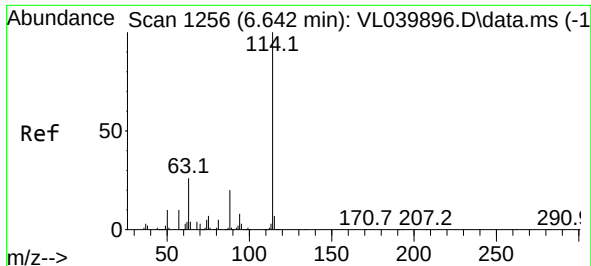
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.336 ppbv m
 RT: 5.964 min Scan# 1045
 Delta R.T. -0.019 min
 Lab File: VL039955.D
 Acq: 1 Dec 2022 23:34

Tgt Ion: 97 Resp: 61604
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.4 77.0#
 61 50.0 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL039955.D

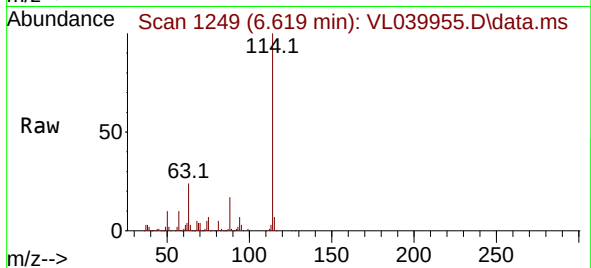
Acq: 1 Dec 2022 23:34

Instrument :

MSVOA_L

ClientSampleId :

H302022-INFLUENT



Tgt Ion:114 Resp: 297565

Ion Ratio Lower Upper

114 100

63 24.2 21.4 32.0

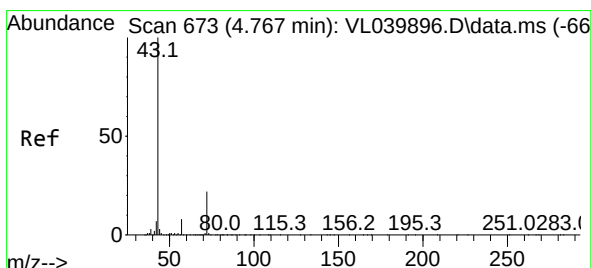
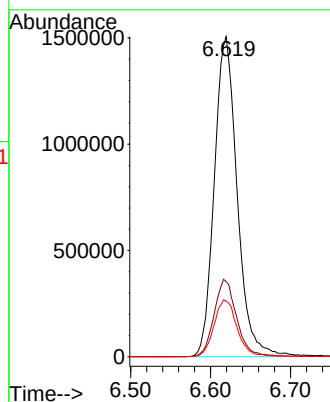
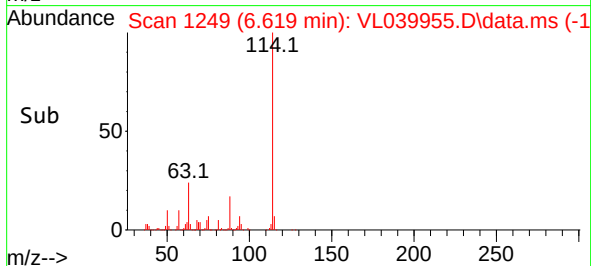
88 18.1 15.3 22.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#34

2-Butanone

Concen: 0.648 ppbv

RT: 4.758 min Scan# 670

Delta R.T. -0.010 min

Lab File: VL039955.D

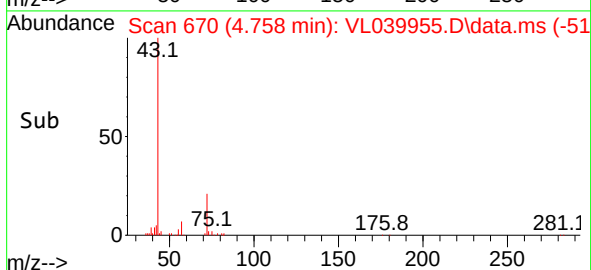
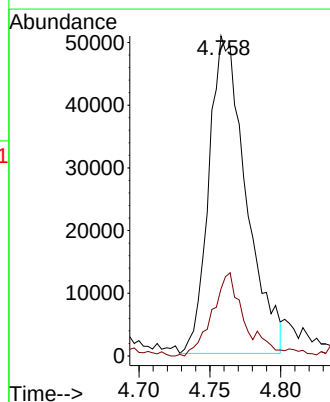
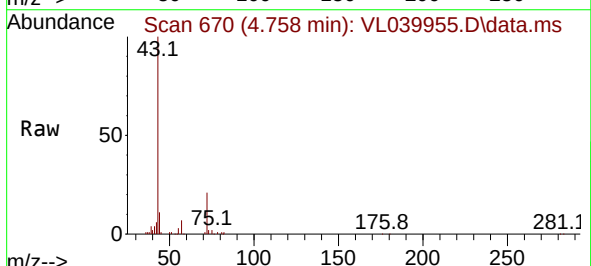
Acq: 1 Dec 2022 23:34

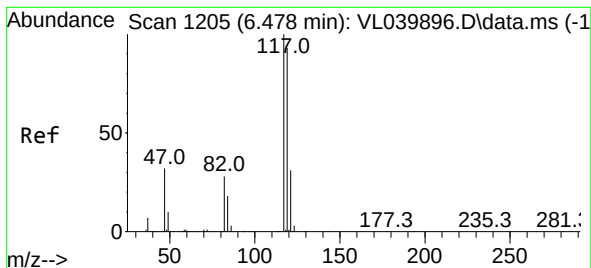
Tgt Ion: 43 Resp: 92238

Ion Ratio Lower Upper

43 100

72 23.7 17.4 26.2





#35

Carbon Tetrachloride

Concen: 0.057 ppbv m

RT: 6.452 min Scan# 1197

Delta R.T. -0.026 min

Lab File: VL039955.D

Acq: 1 Dec 2022 23:34

Instrument :

MSVOA_L

ClientSampleId :

H302022-INFLUENT

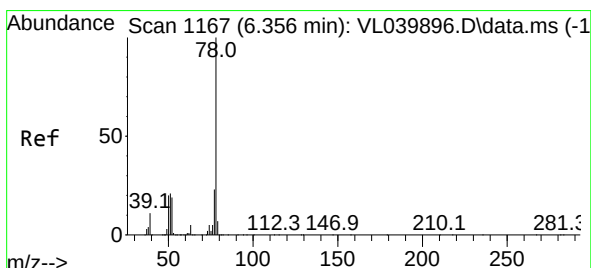
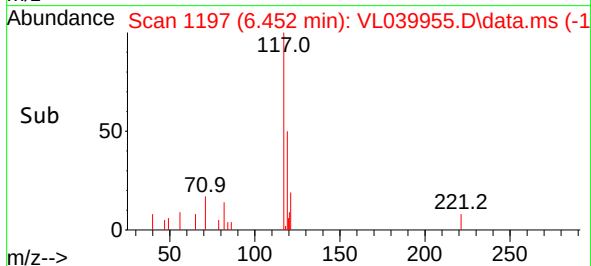
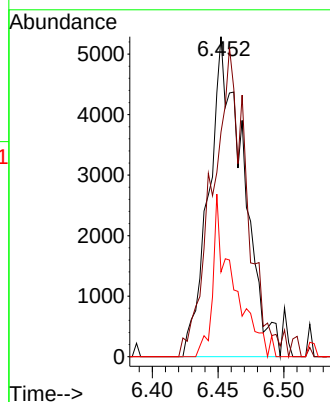
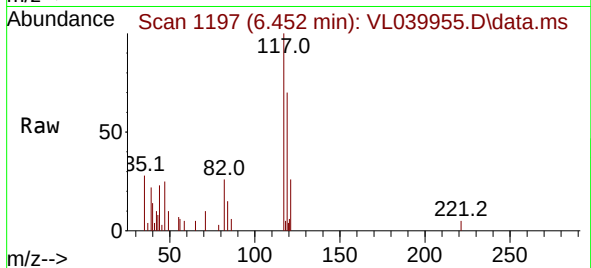
Tgt Ion: 117 Resp: 9670

Ion	Ratio	Lower	Upper
117	100		
119	70.2	74.7	112.1
121	26.5	24.5	36.7

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Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#36

Benzene

Concen: 0.247 ppbv m

RT: 6.330 min Scan# 1159

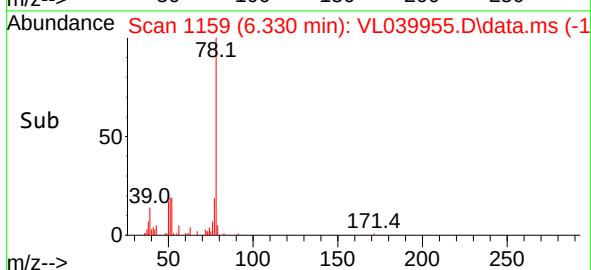
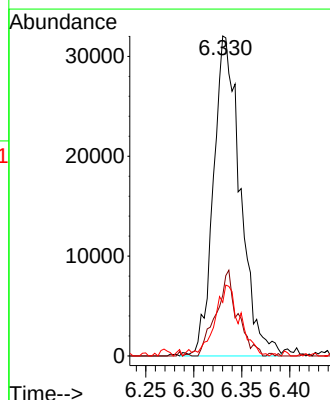
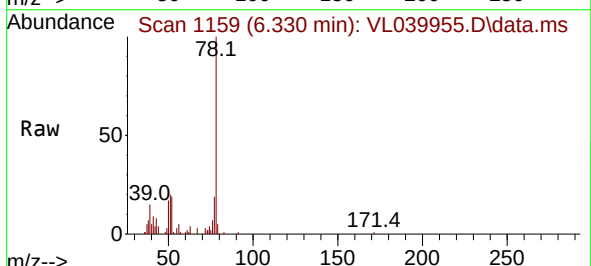
Delta R.T. -0.022 min

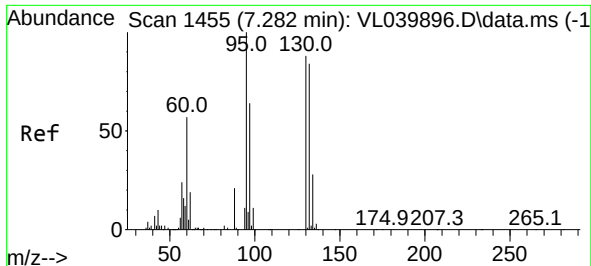
Lab File: VL039955.D

Acq: 1 Dec 2022 23:34

Tgt Ion: 78 Resp: 62464

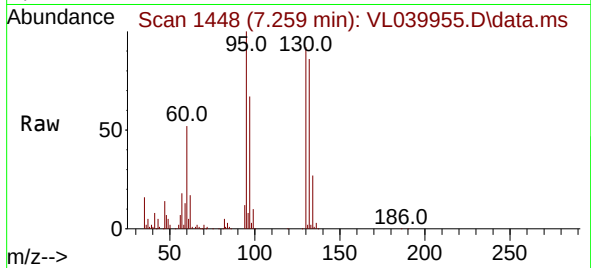
Ion	Ratio	Lower	Upper
78	100		
77	19.0	18.2	27.2
50	16.8	15.8	23.8





#38
 Trichloroethene
 Concen: 1.674 ppbv
 RT: 7.259 min Scan# 1448
 Delta R.T. -0.016 min
 Lab File: VL039955.D
 Acq: 1 Dec 2022 23:34

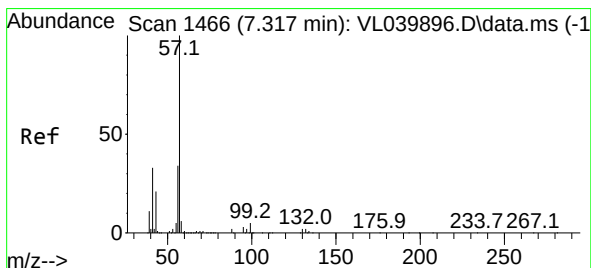
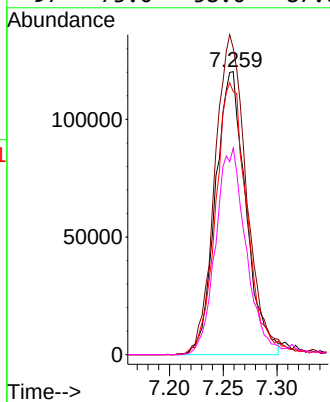
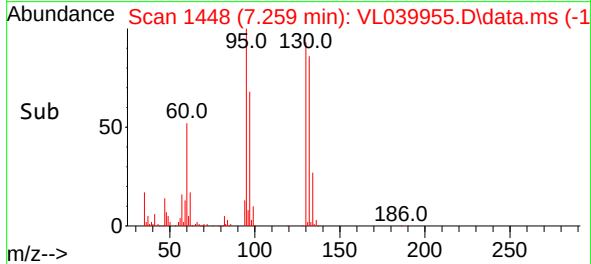
Instrument : MSVOA_L
 ClientSampleId : H302022-INFLUENT



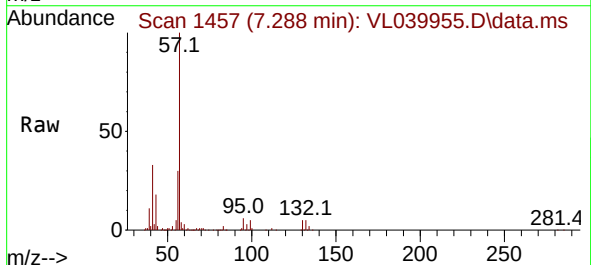
Tgt Ion:130 Resp: 236659
 Ion Ratio Lower Upper
 130 100
 95 108.0 90.6 135.8
 132 92.6 76.2 114.4
 97 73.0 58.0 87.0

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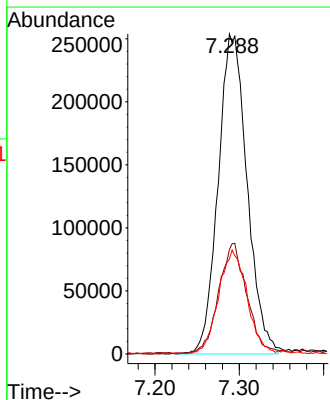
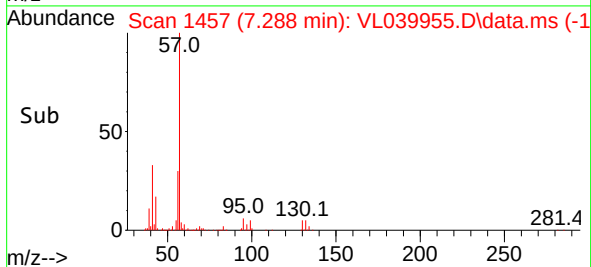
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

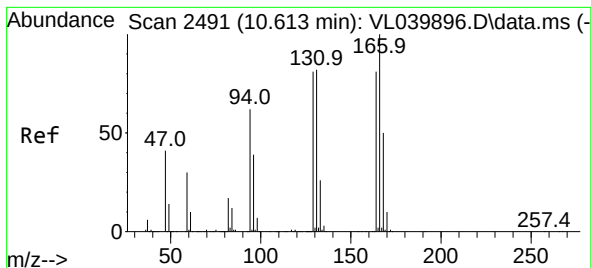


#44
 2,2,4-Trimethylpentane
 Concen: 1.433 ppbv
 RT: 7.288 min Scan# 1457
 Delta R.T. -0.022 min
 Lab File: VL039955.D
 Acq: 1 Dec 2022 23:34



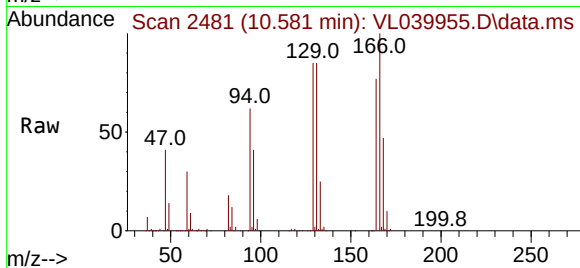
Tgt Ion: 57 Resp: 604930
 Ion Ratio Lower Upper
 57 100
 41 33.5 26.2 39.2
 56 33.0 25.5 38.3





#52
Tetrachloroethene
Concen: 4.678 ppbv
RT: 10.581 min Scan# 2491
Delta R.T. -0.022 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

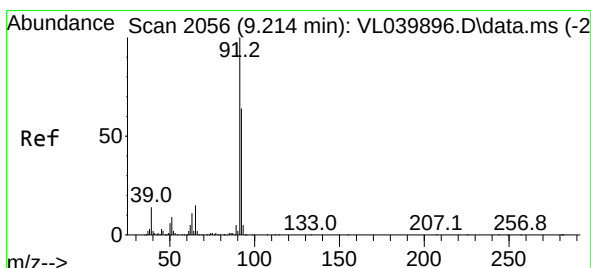
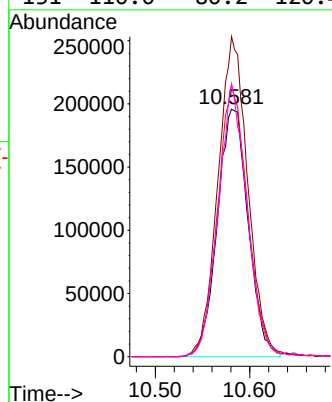
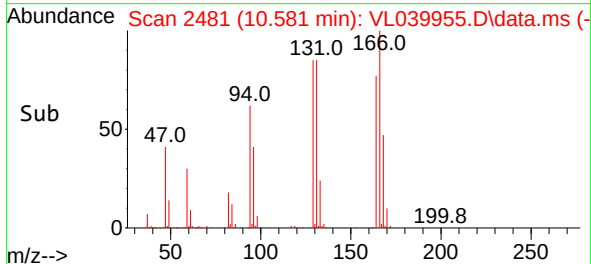
Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENT



Tgt Ion:164 Resp: 442599
Ion Ratio Lower Upper
164 100
166 129.3 98.3 147.5
129 109.8 79.7 119.5
131 110.0 80.2 120.4

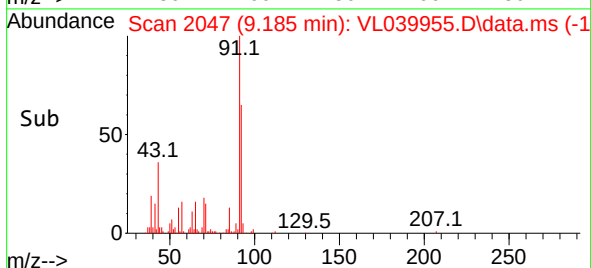
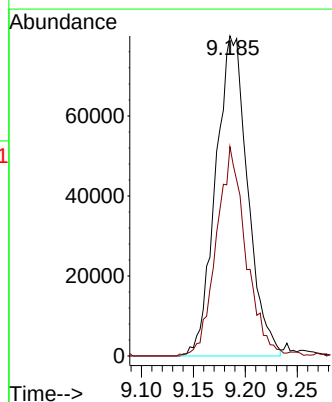
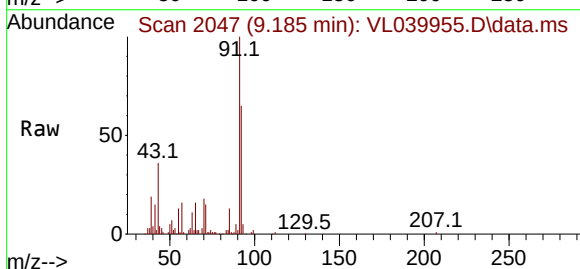
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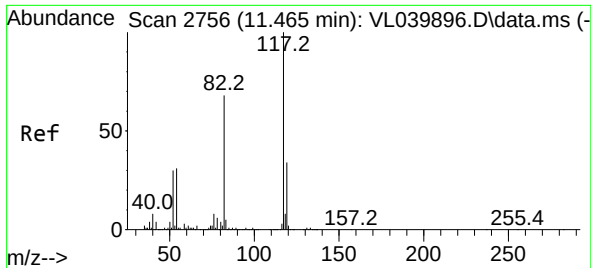
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#53
Toluene
Concen: 0.594 ppbv
RT: 9.185 min Scan# 2047
Delta R.T. -0.019 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

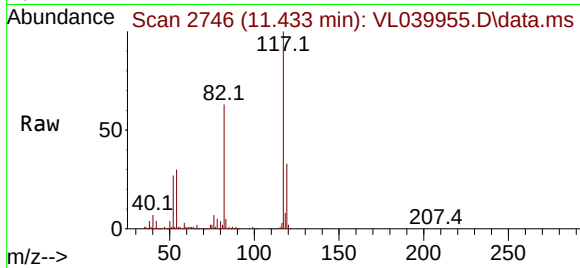
Tgt Ion: 91 Resp: 171275
Ion Ratio Lower Upper
91 100
92 60.9 49.8 74.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

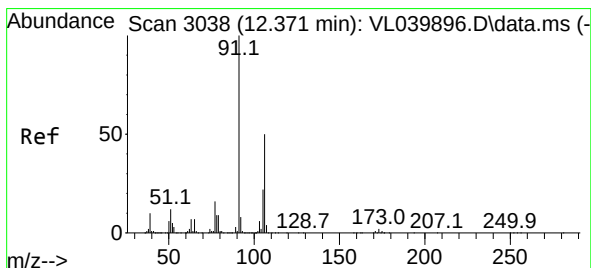
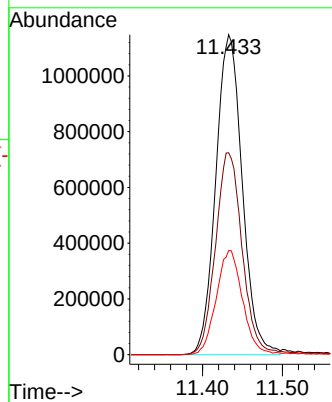
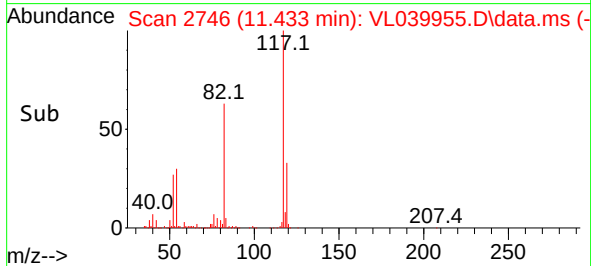
Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENT



Tgt Ion:117 Resp: 2640914
Ion Ratio Lower Upper
117 100
82 64.4 52.3 78.5
119 32.7 25.7 38.5

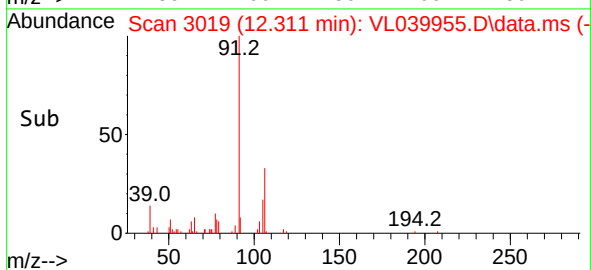
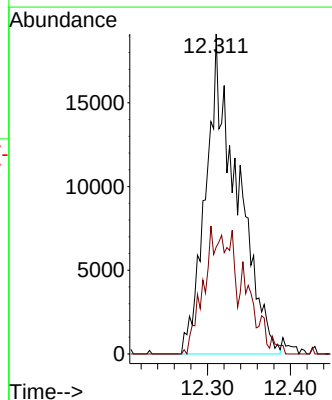
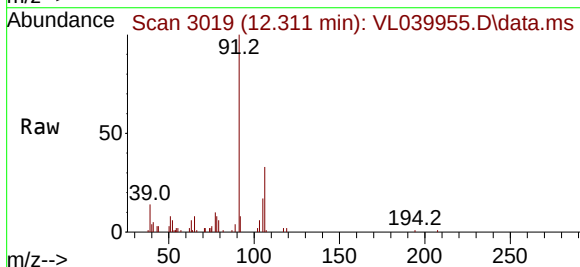
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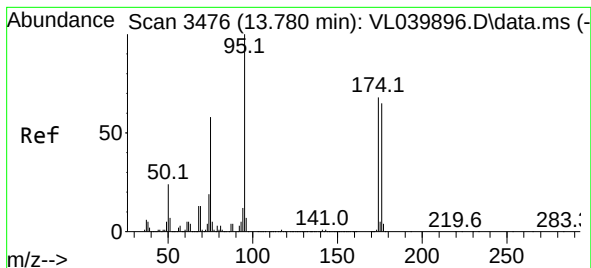
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#59
m/p-Xylene
Concen: 0.167 ppbv m
RT: 12.311 min Scan# 3019
Delta R.T. -0.048 min
Lab File: VL039955.D
Acq: 1 Dec 2022 23:34

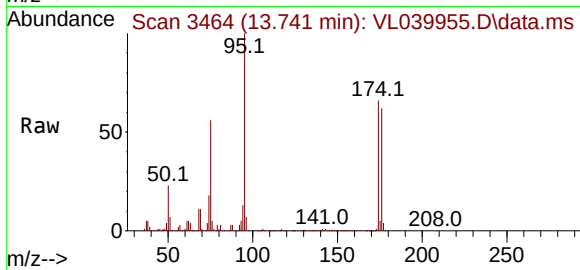
Tgt Ion: 91 Resp: 50009
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.109 ppbv
 RT: 13.741 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: VL039955.D
 Acq: 1 Dec 2022 23:34

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENT



Tgt Ion: 95 Resp: 203915
 Ion Ratio Lower Upper
 95 100
 174 66.4 53.7 80.5
 175 4.7 4.0 6.0

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Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

