

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039157.D
 Acq On : 3 Jun 2022 17:26
 Operator : SY/AP
 Sample : N3106-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 03 17:57:28 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 03 17:57:28 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.680	49	1330661	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.188	114	3342523	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.101	117	3096408	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2587751	10.109	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.054	85	29056m	0.124	ppbv	
9) Propene	3.025	41	41836	0.567	ppbv	98
10) Heptane	8.134	43	113782m	0.661	ppbv	
13) Ethanol	3.626	45	5767	1.432	ppbv #	100
15) Acetone	3.861	43	514576	3.712	ppbv #	83
20) Methylene Chloride	4.362	84	52172	0.893	ppbv	96
23) Vinyl Acetate	5.086	43	901351	7.859	ppbv	99
26) Hexane	5.703	57	844234	6.149	ppbv #	25
34) 2-Butanone	5.259	43	296316	1.632	ppbv	92
51) 2-Hexanone	10.146	43	252132	1.192	ppbv #	100
52) Tetrachloroethene	11.230	164	5125m	0.048	ppbv	
53) Toluene	9.822	91	29398	0.094	ppbv	98

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

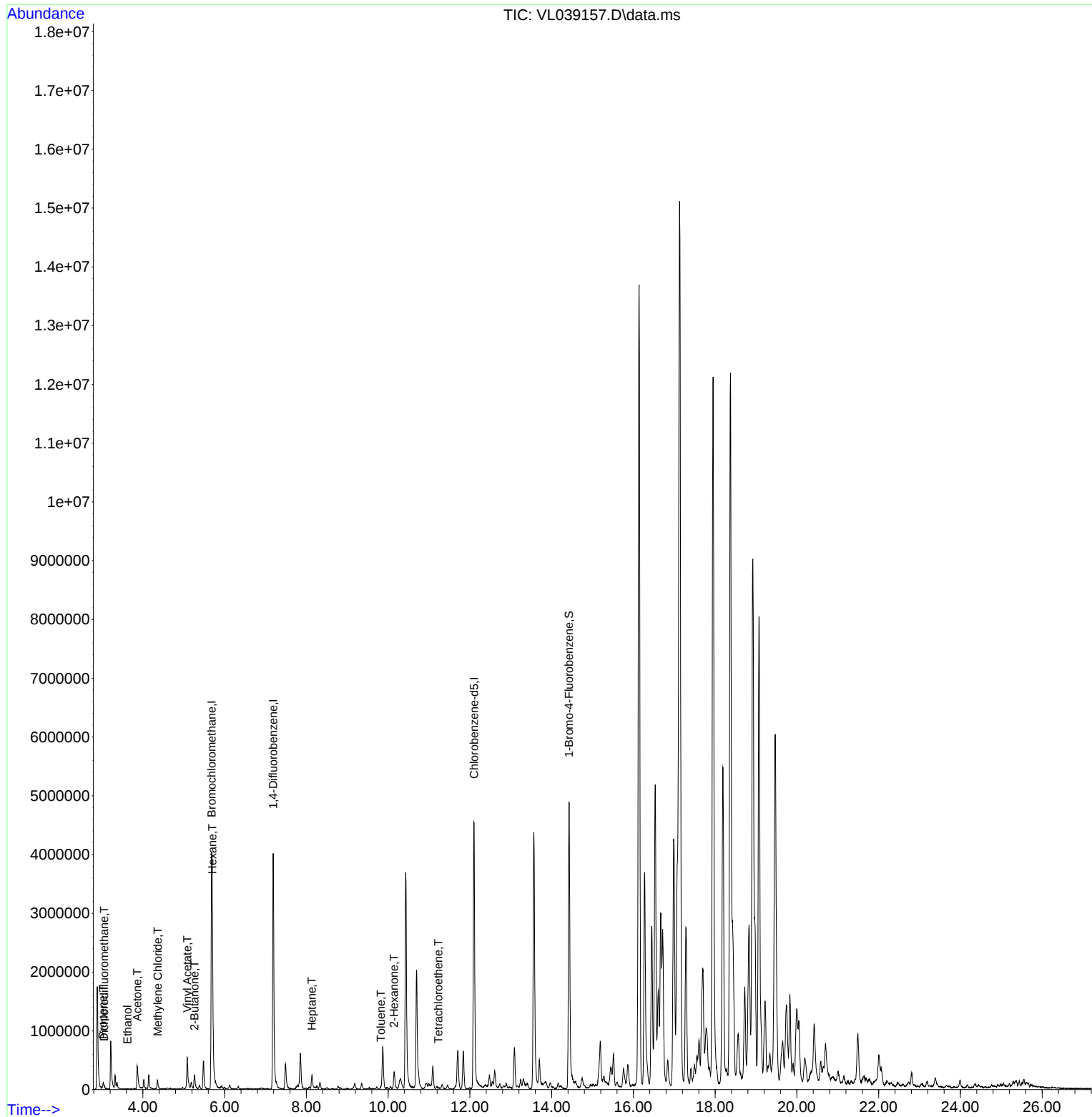
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
Data File : VL039157.D
Acq On : 3 Jun 2022 17:26
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Sample : N3106-04 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

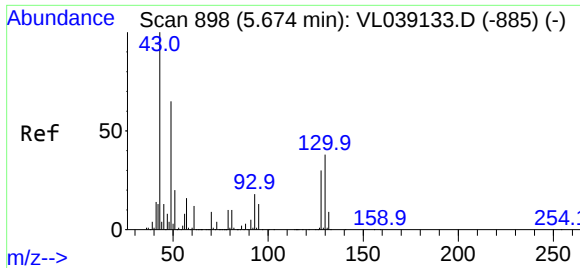
Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Time: Jun 03 17:57:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

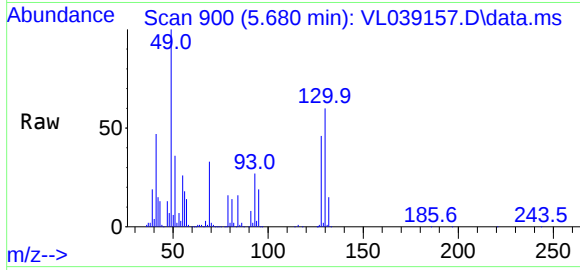
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

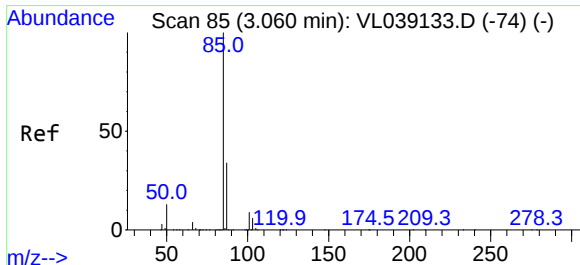
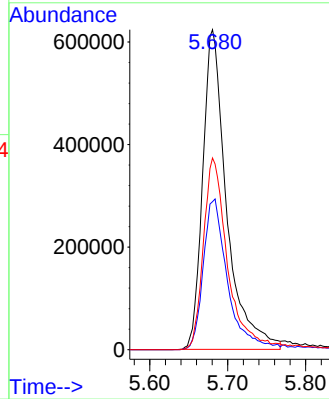
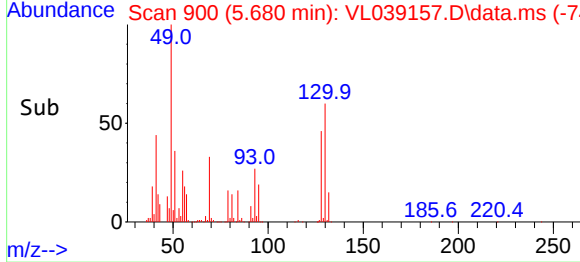
Instrument :
MSVOA_L
ClientSampleId :
SV4



Tgt Ion: 49 Resp: 133066
Ion Ratio Lower Upper
49 100
128 49.8 24.7 74.1
130 63.8 31.4 94.0

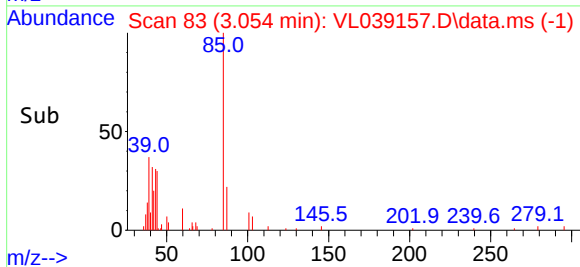
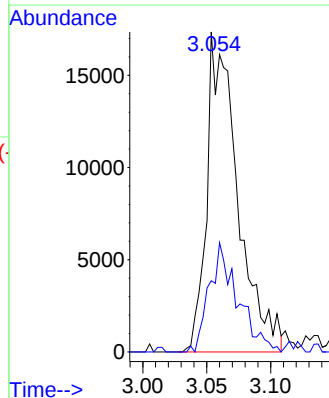
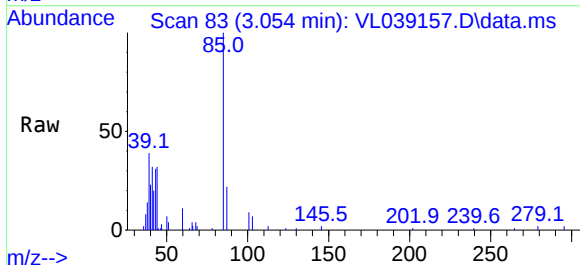
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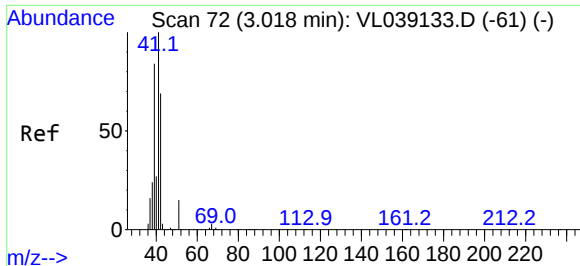
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#2
Dichlorodifluoromethane
Concen: 0.124 ppbv m
RT: 3.054 min Scan# 83
Delta R.T. -0.007 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

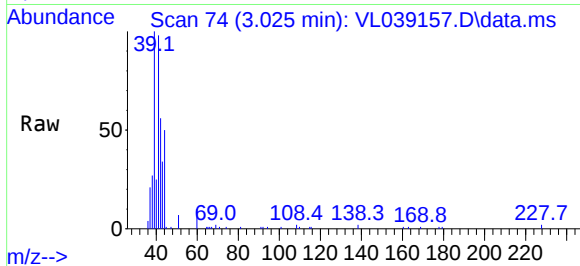
Tgt Ion: 85 Resp: 29056
Ion Ratio Lower Upper
85 100
87 22.2 26.9 40.3#





#9
Propene
Concen: 0.567 ppbv
RT: 3.025 min Scan# 74
Delta R.T. 0.006 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

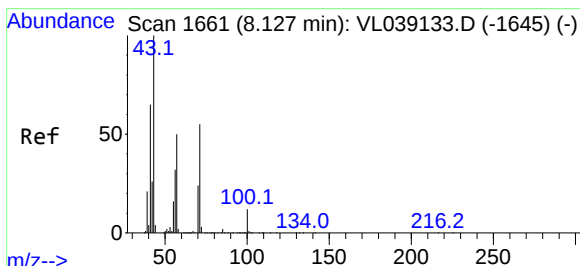
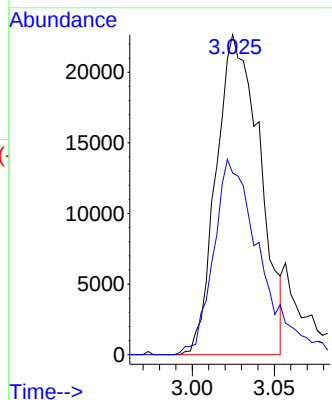
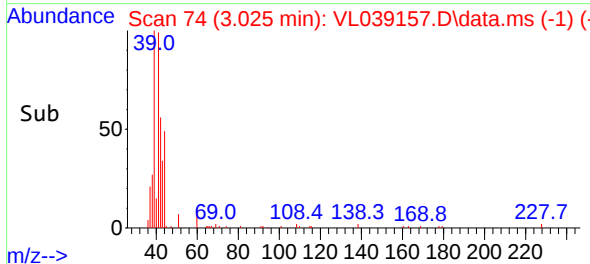
Instrument :
MSVOA_L
ClientSampleId :
SV4



Tgt Ion: 41 Resp: 41830
Ion Ratio Lower Upper
41 100
42 67.3 55.4 83.2

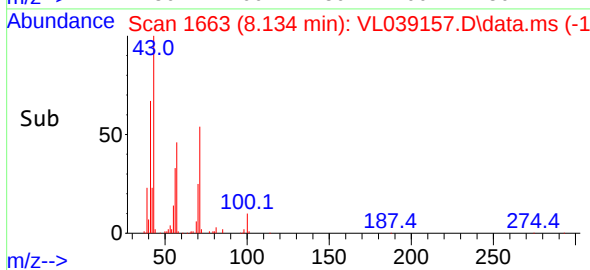
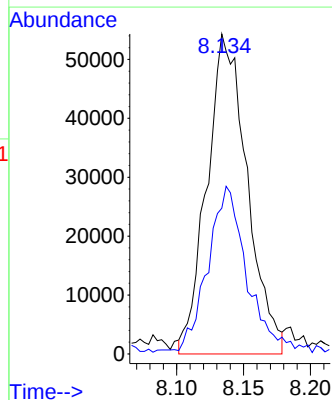
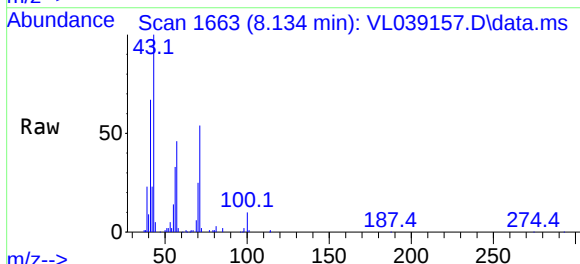
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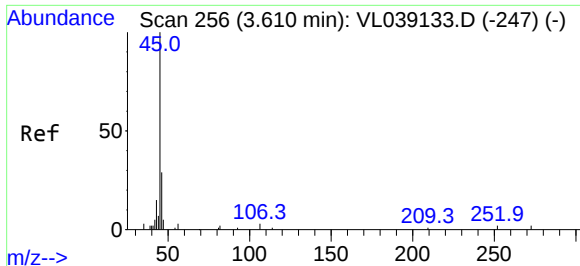
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#10
Heptane
Concen: 0.661 ppbv m
RT: 8.134 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

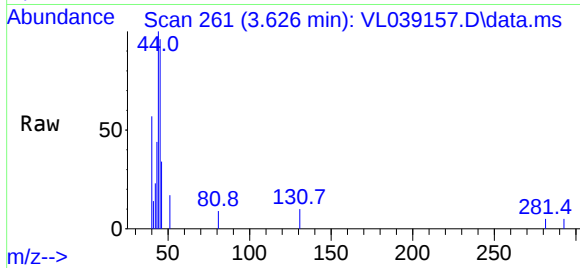
Tgt Ion: 43 Resp: 113782
Ion Ratio Lower Upper
43 100
57 53.1 41.4 62.2





#13
Ethanol
Concen: 1.432 ppbv
RT: 3.626 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

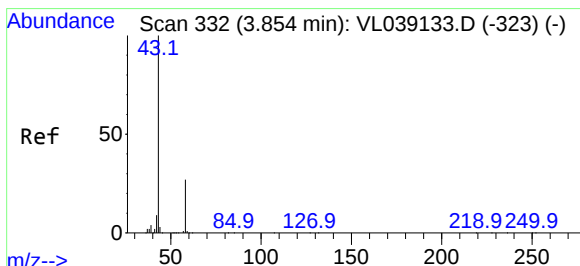
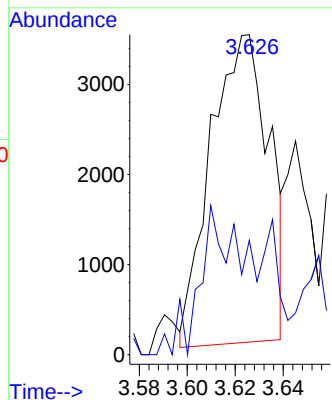
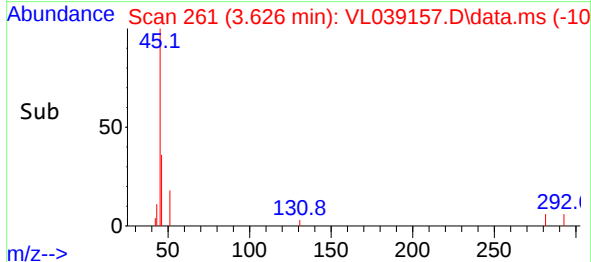
Instrument :
MSVOA_L
ClientSampleId :
SV4



Tgt Ion: 45 Resp: 576
Ion Ratio Lower Upper
45 100
46 68.0 0.0 0.0

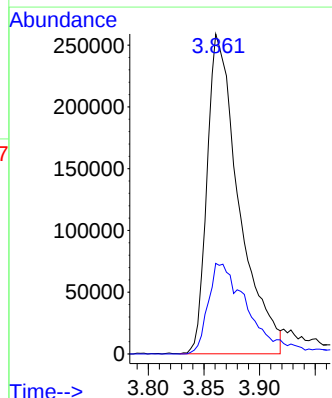
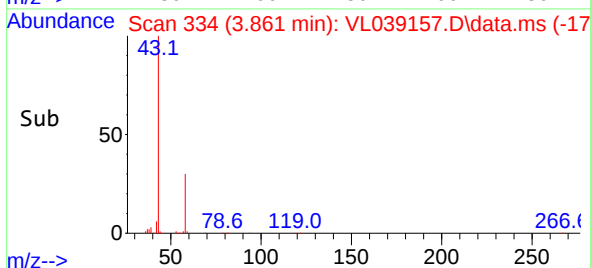
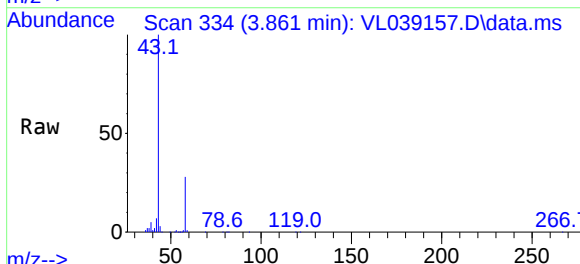
Manual Integrations
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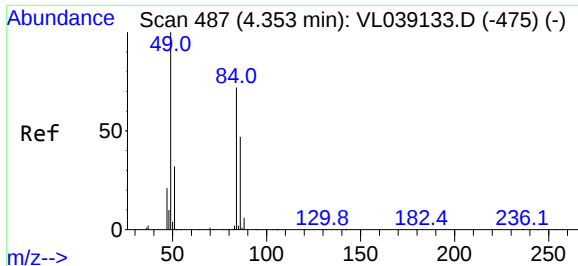
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#15
Acetone
Concen: 3.712 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.006 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

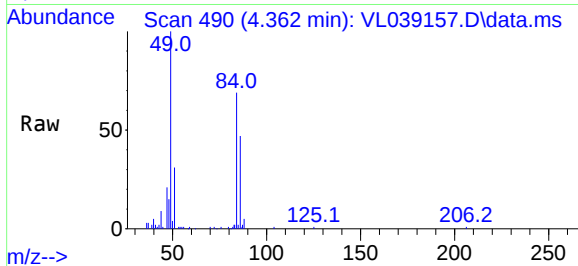
Tgt Ion: 43 Resp: 514576
Ion Ratio Lower Upper
43 100
58 37.3 22.5 33.7





#20
Methylene Chloride
Concen: 0.893 ppbv
RT: 4.362 min Scan# 491
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

Instrument :
MSVOA_L
ClientSampleId :
SV4

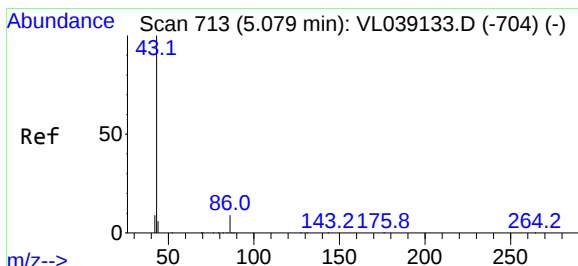
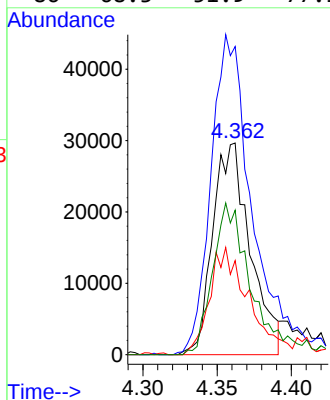
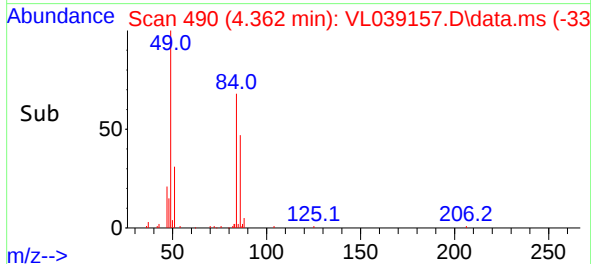


Tgt Ion: 84 Resp: 52172

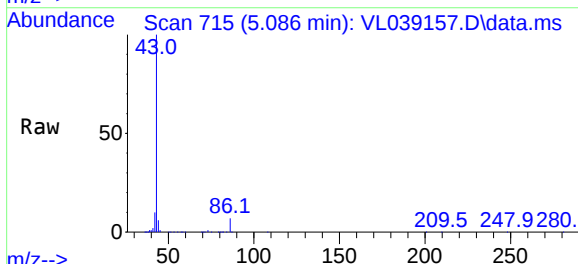
Ion	Ratio	Lower	Upper
84	100		
49	144.5	111.1	166.7
51	44.4	35.3	52.9
86	68.3	51.9	77.9

Manual Integrations
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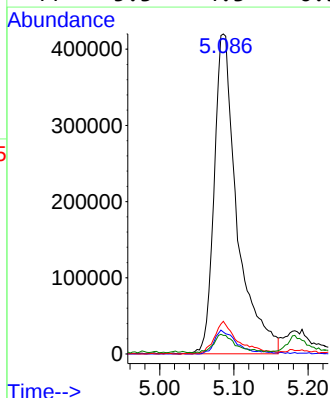
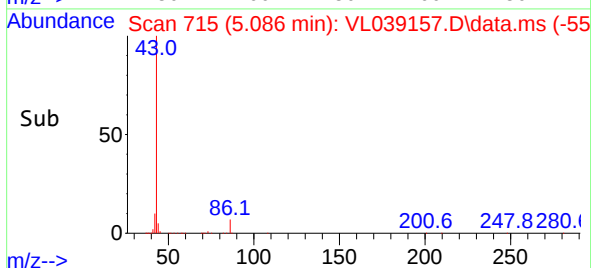


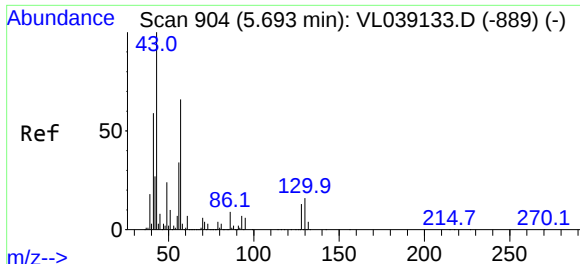
#23
Vinyl Acetate
Concen: 7.859 ppbv
RT: 5.086 min Scan# 715
Delta R.T. 0.006 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26



Tgt Ion: 43 Resp: 901351

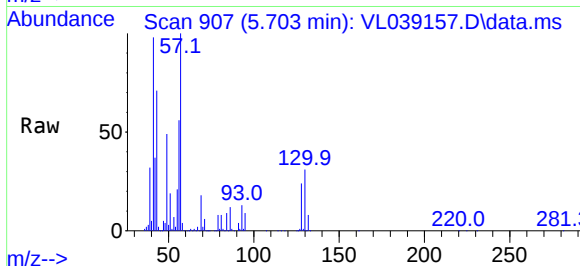
Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.0	9.0
42	10.1	8.2	12.4
44	5.3	4.3	6.5





#26
Hexane
Concen: 6.149 ppbv
RT: 5.703 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

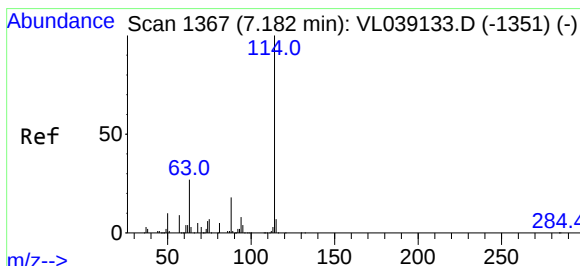
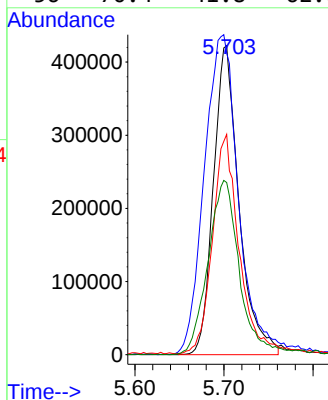
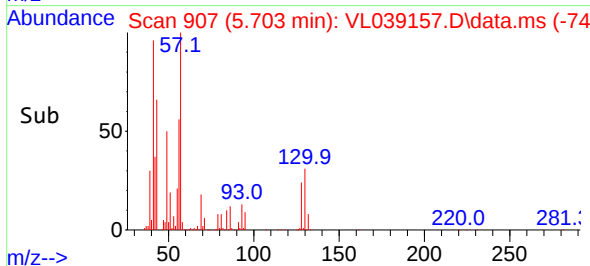
Instrument :
MSVOA_L
ClientSampleId :
SV4



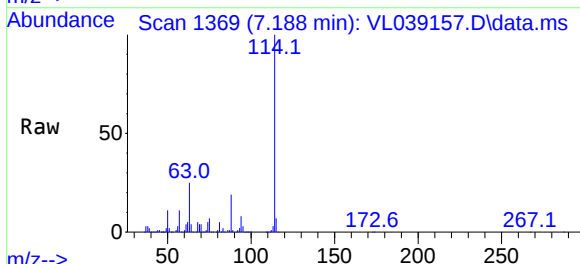
Tgt Ion: 57 Resp: 844234
Ion Ratio Lower Upper
57 100
41 140.9 72.4 108.6
43 75.0 187.0 280.6
56 70.4 41.8 62.6

Manual Integrations
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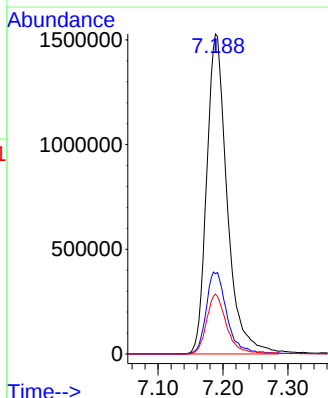
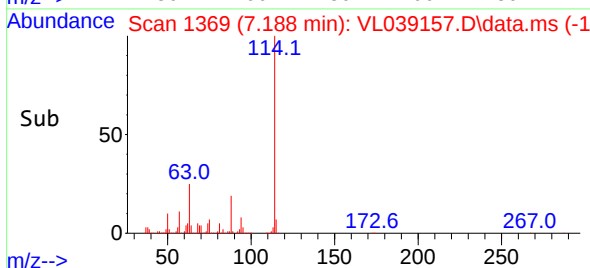
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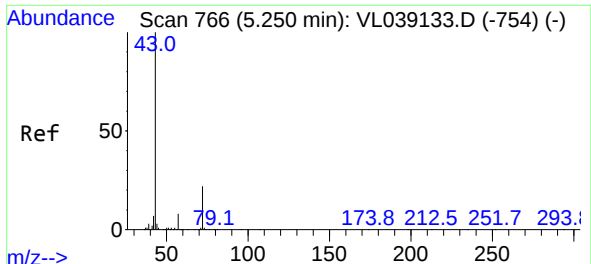


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26



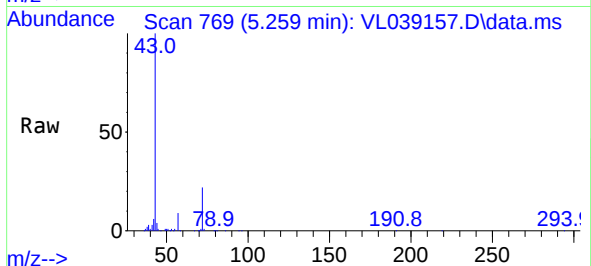
Tgt Ion:114 Resp: 3342523
Ion Ratio Lower Upper
114 100
63 26.3 21.7 32.5
88 18.5 14.8 22.2





#34
2-Butanone
Concen: 1.632 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

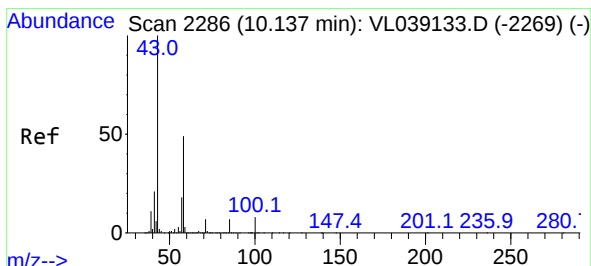
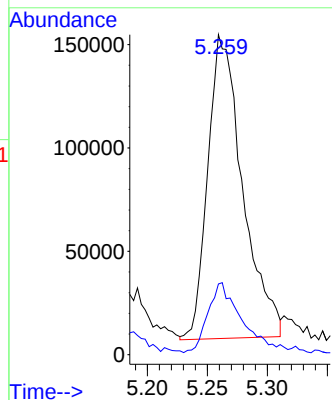
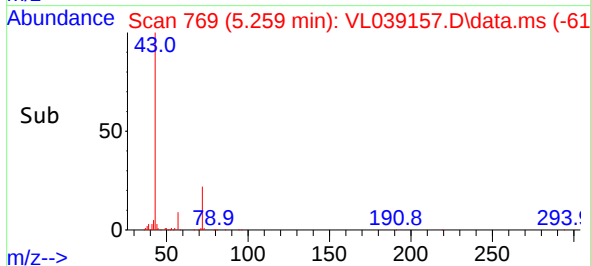
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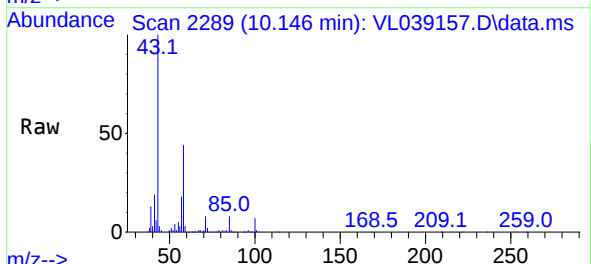
Tgt Ion: 43 Resp: 296310
Ion Ratio Lower Upper
43 100
72 26.4 18.2 27.2

Manual Integrations
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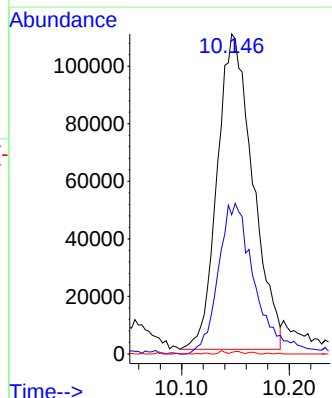
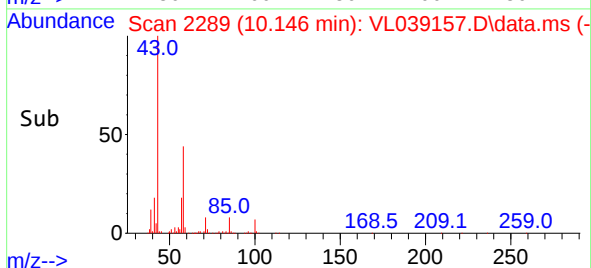
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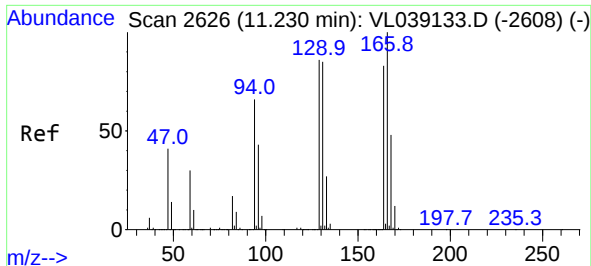


#51
2-Hexanone
Concen: 1.192 ppbv
RT: 10.146 min Scan# 2289
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26



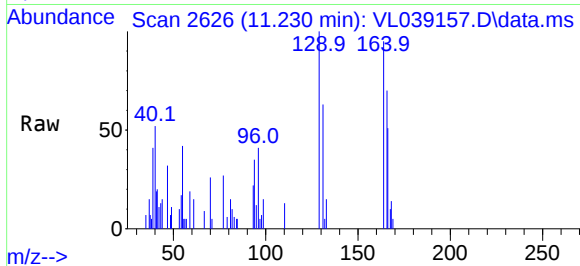
Tgt Ion: 43 Resp: 252132
Ion Ratio Lower Upper
43 100
58 50.2 40.0 60.0
98 0.6 0.1 0.1#





#52
Tetrachloroethene
Concen: 0.048 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

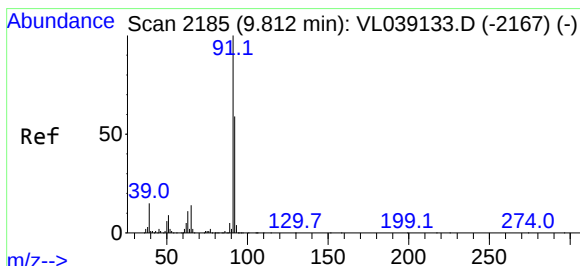
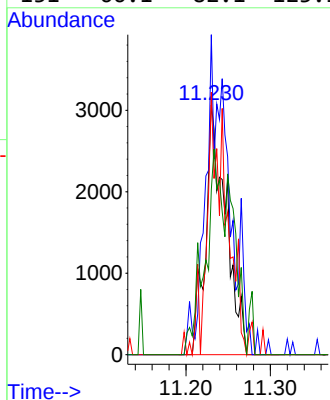
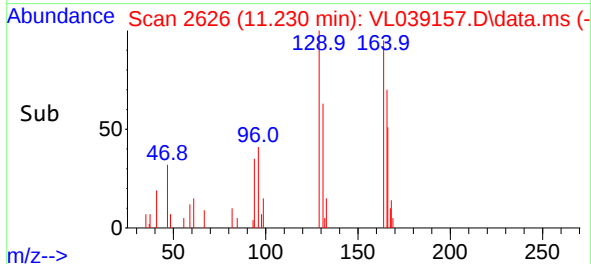
Instrument :
MSVOA_L
ClientSampleId :
SV4



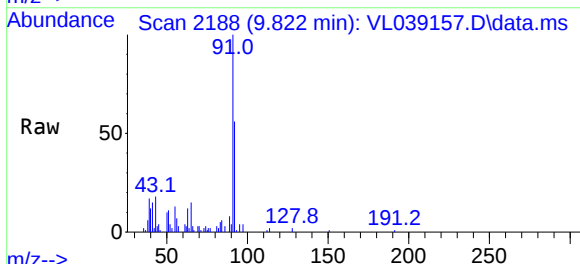
Tgt Ion:164 Resp: 5129
Ion Ratio Lower Upper
164 100
166 74.1 96.3 144.5
129 105.1 82.5 123.7
131 66.1 82.1 123.1#

Manual Integrations
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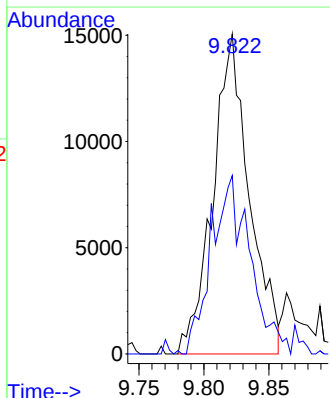
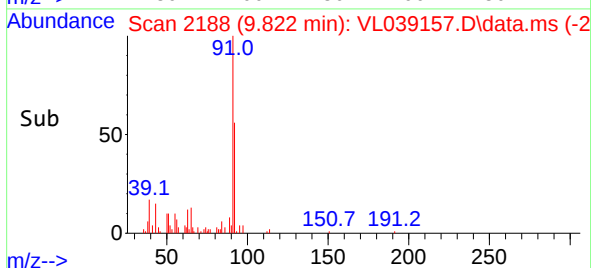
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

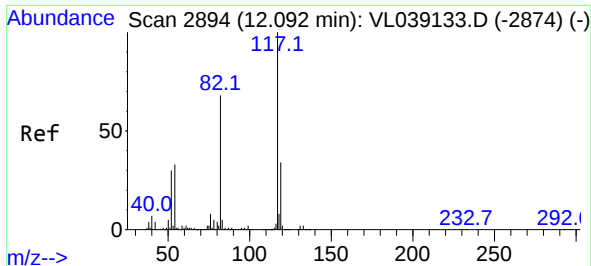


#53
Toluene
Concen: 0.094 ppbv
RT: 9.822 min Scan# 2188
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26



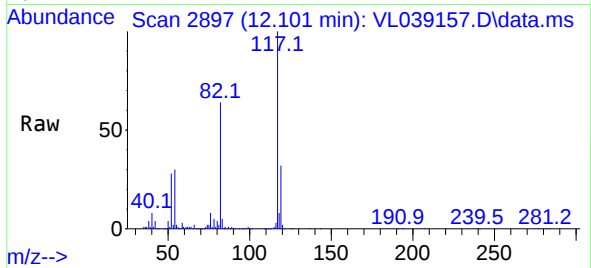
Tgt Ion: 91 Resp: 29398
Ion Ratio Lower Upper
91 100
92 61.8 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.101 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26

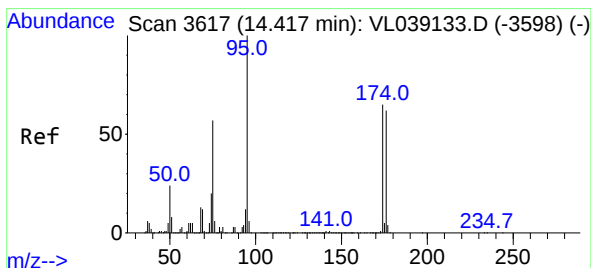
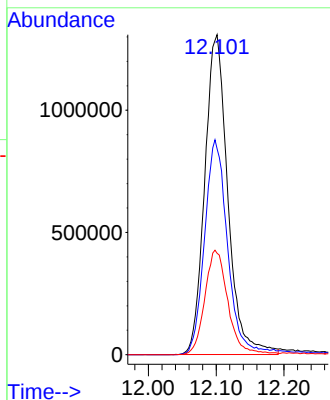
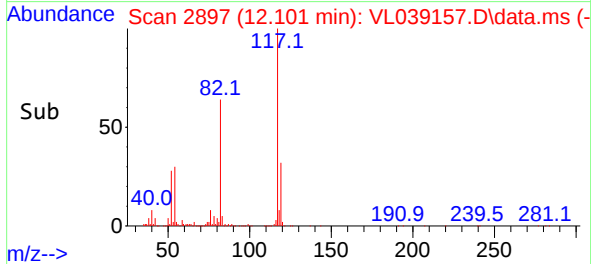
Instrument :
MSVOA_L
ClientSampleId :
SV4



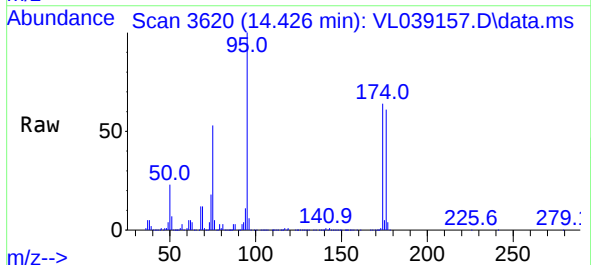
Tgt Ion: 117 Resp: 3096408
Ion Ratio Lower Upper
117 100
82 69.3 55.1 82.7
119 32.8 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.109 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.010 min
Lab File: VL039157.D
Acq: 3 Jun 2022 17:26



Tgt Ion: 95 Resp: 2587751
Ion Ratio Lower Upper
95 100
174 67.8 53.8 80.8
175 4.7 4.1 6.1

