

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037970.D
 Acq On : 2 Nov 2021 16:31
 Operator : SY/AP
 Sample : M4447-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/09/2021

Quant Time: Nov 03 03:50:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 03 03:50:14 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.658	49	1312928	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3700789	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	3129101	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2189813	9.628	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.044	85	41691	0.225	ppbv	91
3) Chlorodifluoromethane	2.986	51	61828	0.253	ppbv	100
4) Chloromethane	3.141	50	44348m	0.477	ppbv	
9) Propene	3.018	41	42005m	0.479	ppbv	
11) Trichlorofluoromethane	3.948	101	40180m	0.218	ppbv	
13) Ethanol	3.607	45	318225m	35.996	ppbv	
15) Acetone	3.845	43	782155	7.209	ppbv	98
19) Isopropyl Alcohol	3.980	45	137549m	1.983	ppbv	
20) Methylene Chloride	4.337	84	829359	13.925	ppbv	97
26) Hexane	5.681	57	305056	1.998	ppbv #	47
34) 2-Butanone	5.247	43	27114	0.198	ppbv #	84
35) Carbon Tetrachloride	7.002	117	13010m	0.058	ppbv	
53) Toluene	9.793	91	44630m	0.138	ppbv	

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

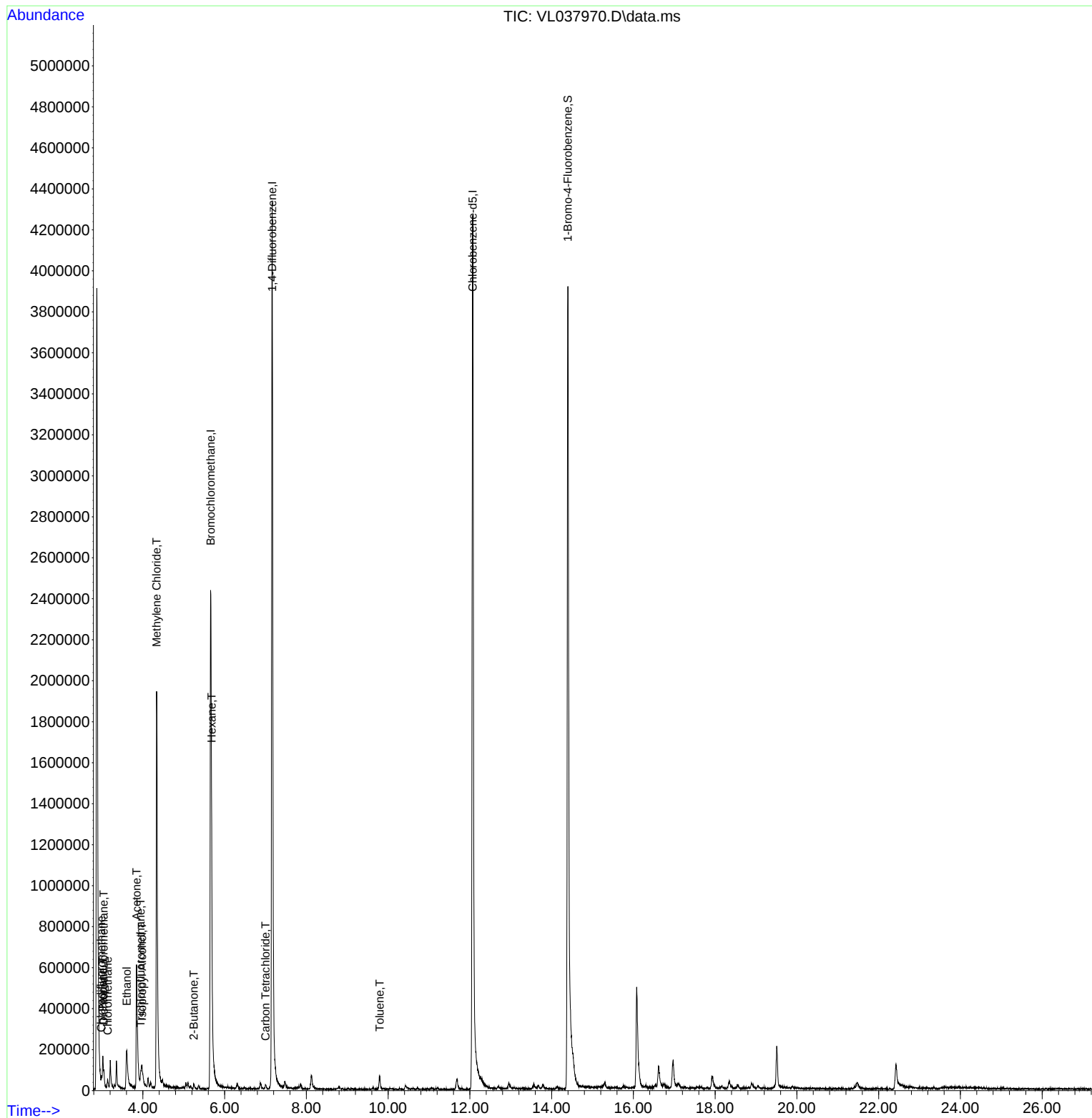
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
Data File : VL037970.D
Acq On : 2 Nov 2021 16:31
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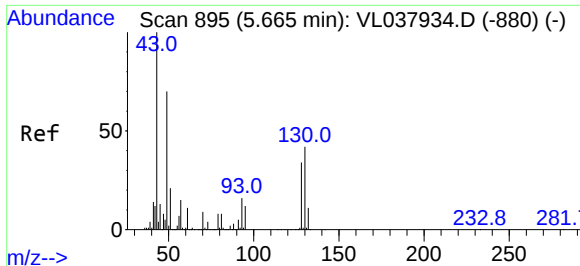
Instrument :
MSVOA_L
ClientSampleId :
OA-1

Quant Time: Nov 03 03:50:14 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

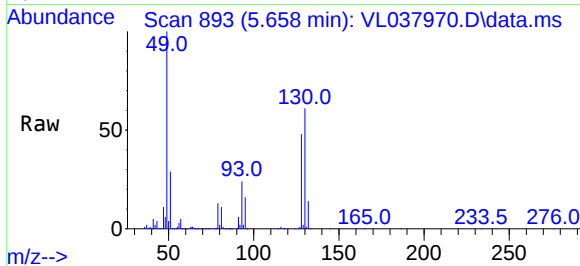
Reviewed By : Semsettin Yesilyurt 11/05/2021
Supervised By : Mahesh Dadoda 11/09/2021





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 89
Delta R.T. -0.006 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

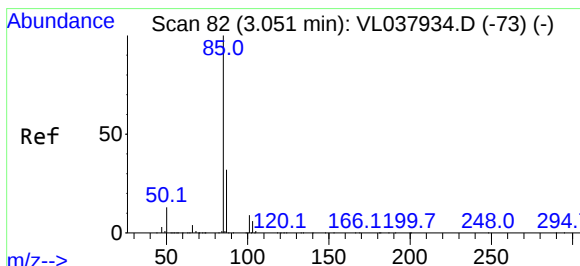
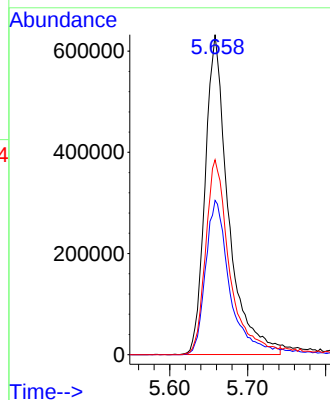
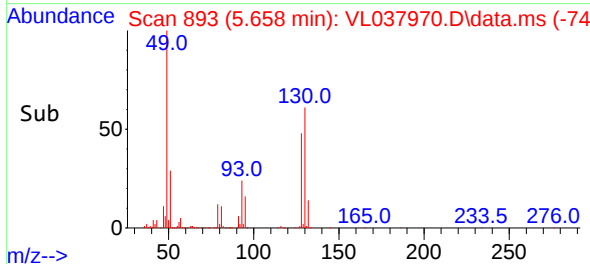
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 49 Resp: 1312928
Ion Ratio Lower Upper
49 100
128 52.6 27.0 81.0
130 66.8 33.4 100.2

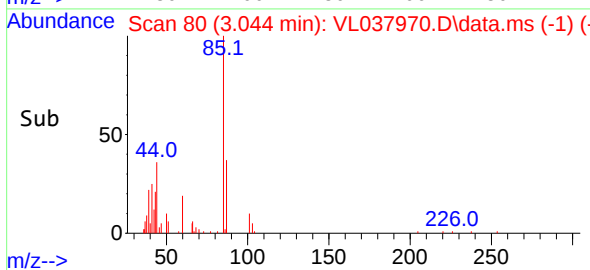
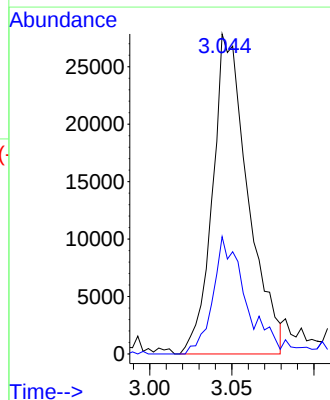
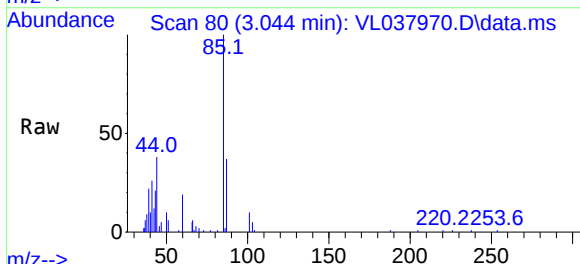
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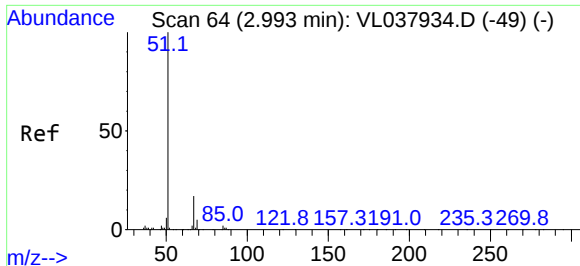
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#2
Dichlorodifluoromethane
Concen: 0.225 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

Tgt Ion: 85 Resp: 41691
Ion Ratio Lower Upper
85 100
87 36.6 25.3 37.9





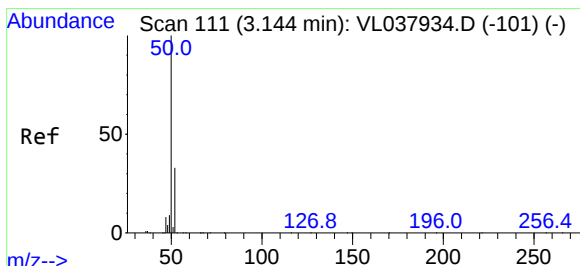
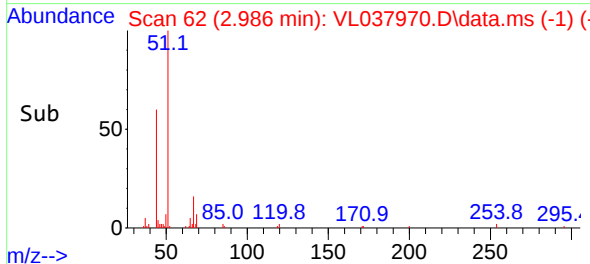
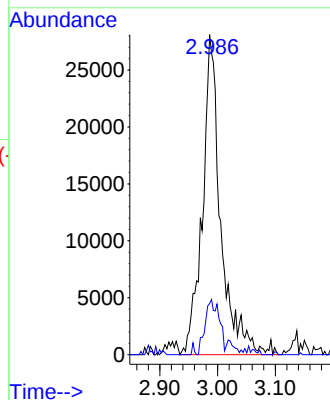
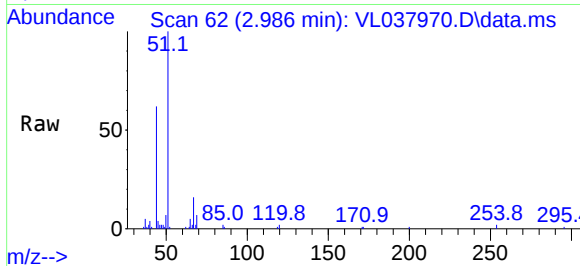
#3
Chlorodifluoromethane
Concen: 0.253 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 51 Resp: 61828
Ion Ratio Lower Upper
51 100
67 16.7 13.4 20.0

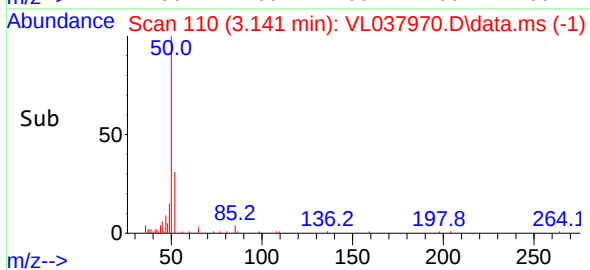
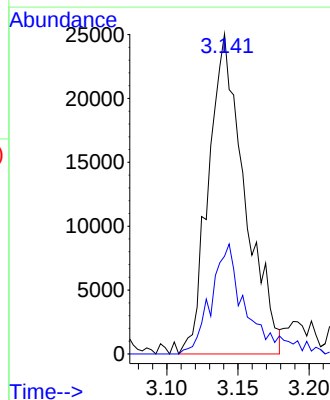
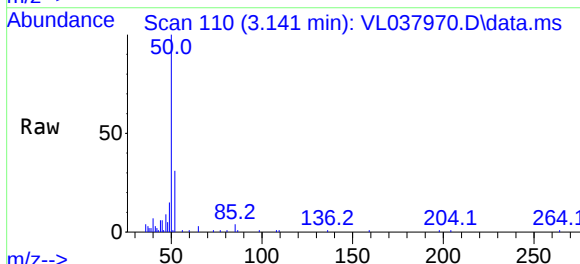
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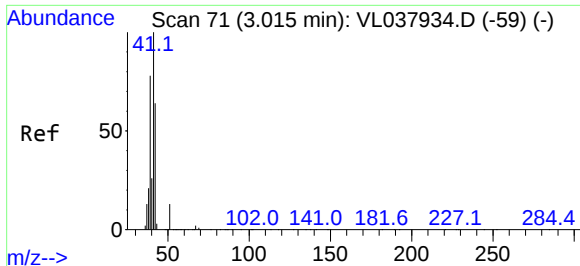
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#4
Chloromethane
Concen: 0.477 ppbv m
RT: 3.141 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

Tgt Ion: 50 Resp: 44348
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5





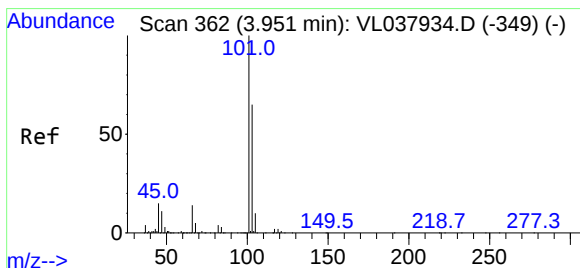
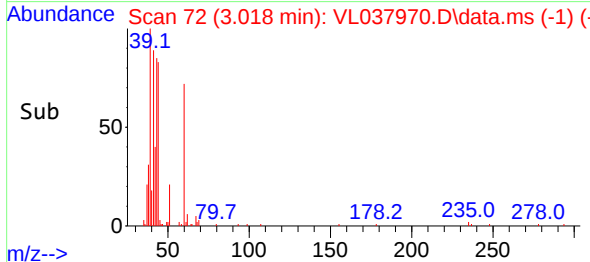
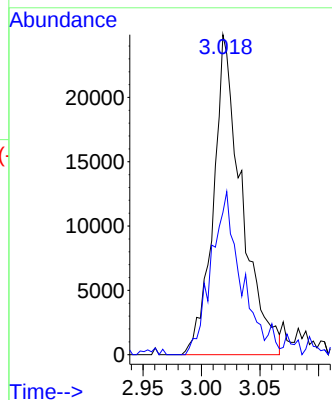
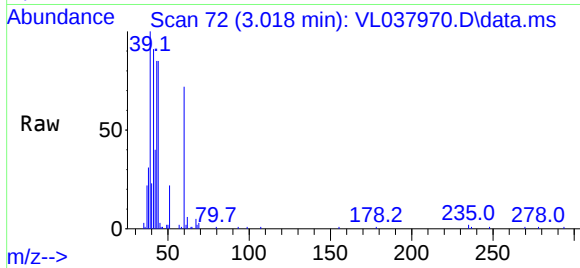
#9
Propene
Concen: 0.479 ppbv m
RT: 3.018 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 41 Resp: 4200
Ion Ratio Lower Upper
41 100
42 59.8 57.6 86.4

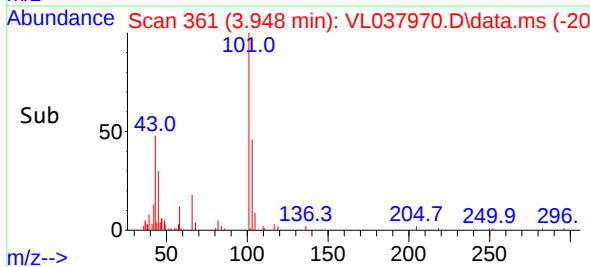
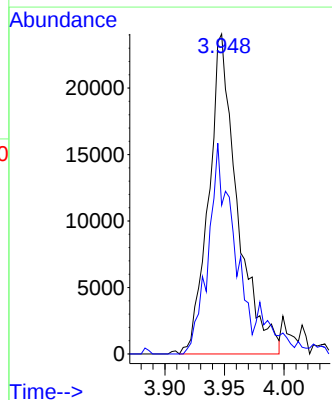
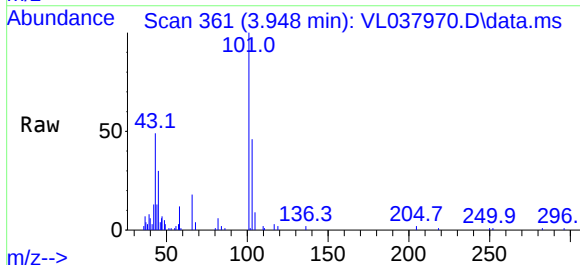
Manual Integrations
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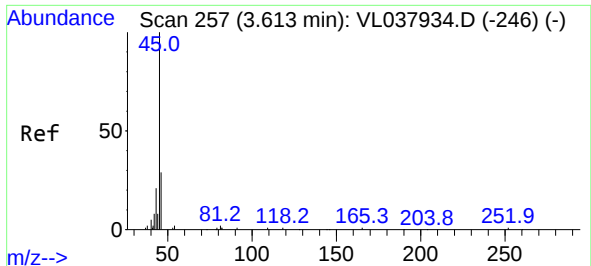
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#11
Trichlorofluoromethane
Concen: 0.218 ppbv m
RT: 3.948 min Scan# 361
Delta R.T. -0.003 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

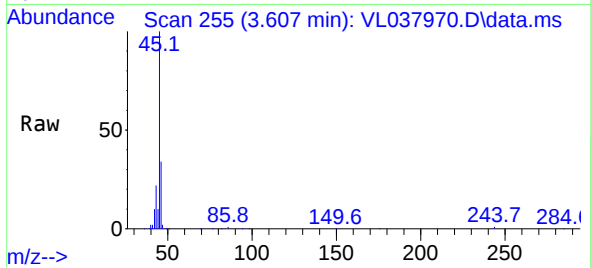
Tgt Ion:101 Resp: 40180
Ion Ratio Lower Upper
101 100
103 46.5 52.0 78.0#





#13
Ethanol
Concen: 35.996 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

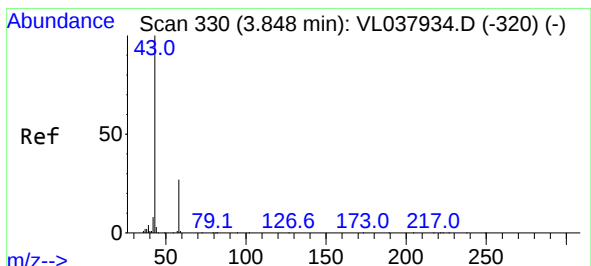
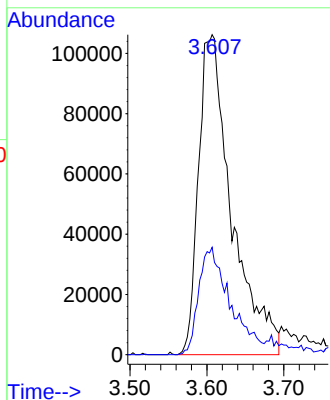
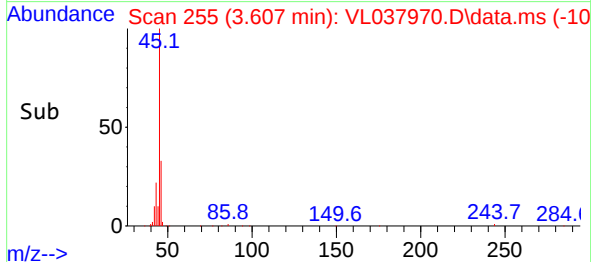
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion: 45 Resp: 318225
Ion Ratio Lower Upper
45 100
46 36.5 17.4 69.8

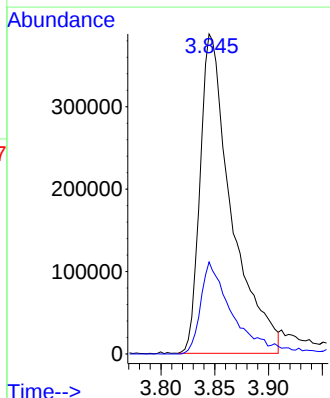
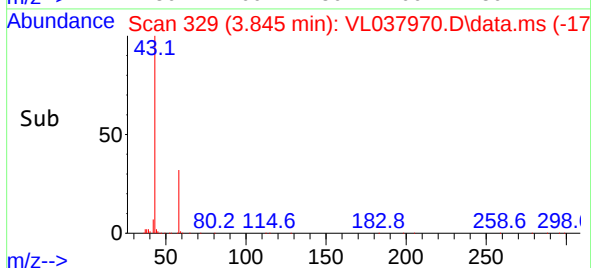
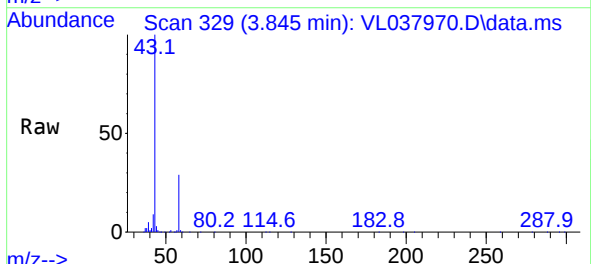
Manual Integrations
APPROVED

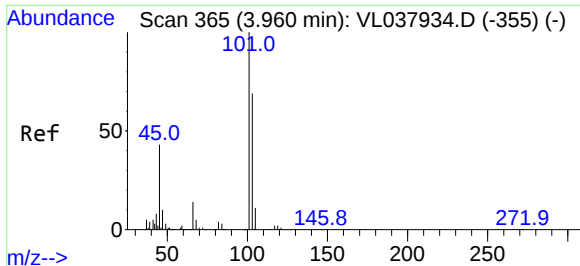
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#15
Acetone
Concen: 7.209 ppbv
RT: 3.845 min Scan# 329
Delta R.T. -0.003 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

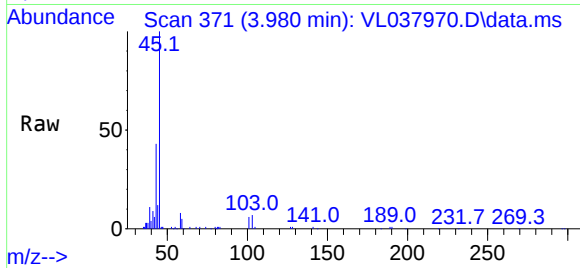
Tgt Ion: 43 Resp: 782155
Ion Ratio Lower Upper
43 100
58 30.1 23.3 34.9





#19
Isopropyl Alcohol
Concen: 1.983 ppbv m
RT: 3.980 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

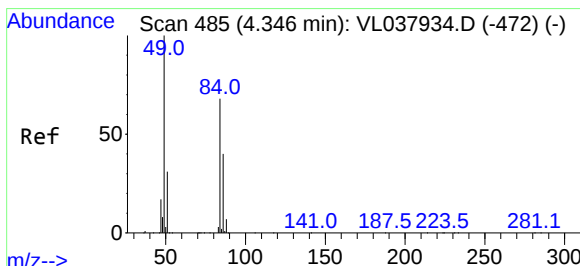
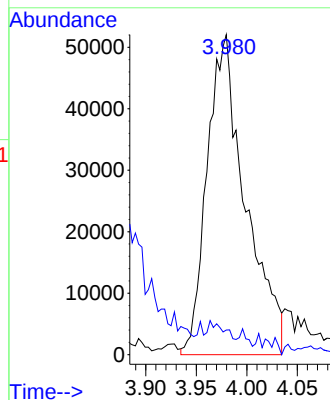
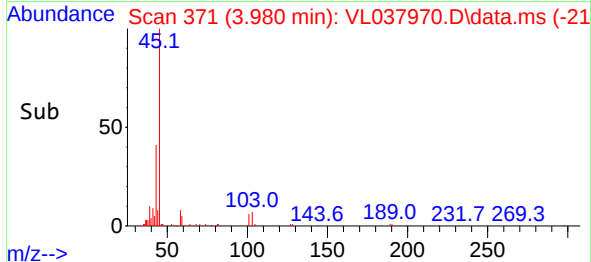
Instrument :
MSVOA_L
ClientSampleId :
OA-1



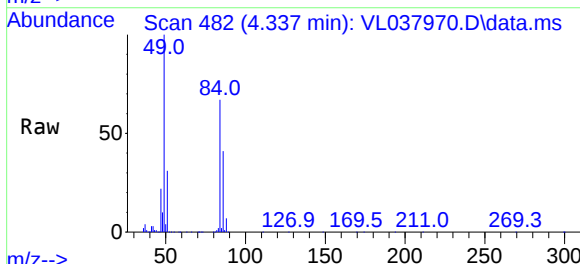
Tgt Ion: 45 Resp: 137549
Ion Ratio Lower Upper
45 100
58 11.5 4.0 6.0

Manual Integrations
APPROVED

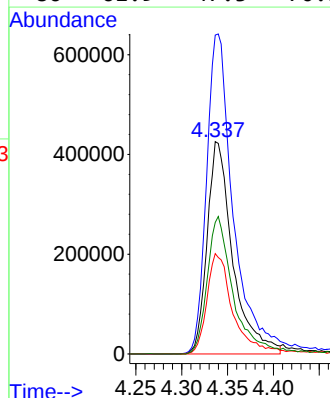
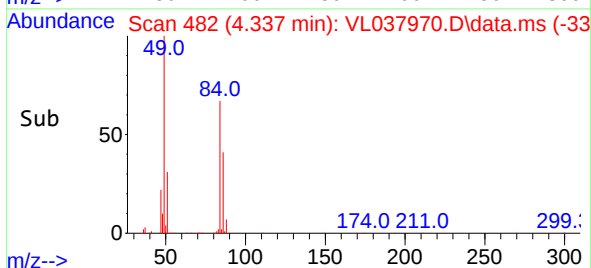
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Supervised By :Mahesh Dadoda 11/09/2021

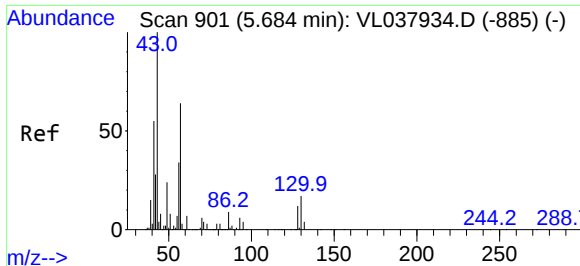


#20
Methylene Chloride
Concen: 13.925 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.010 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31



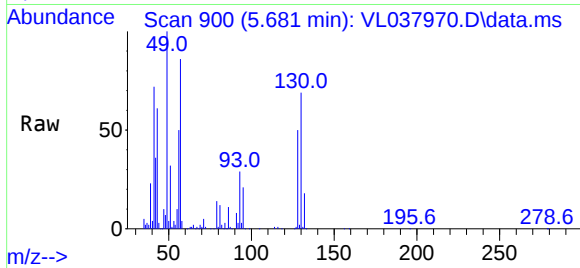
Tgt Ion: 84 Resp: 829359
Ion Ratio Lower Upper
84 100
49 150.0 117.5 176.3
51 47.2 35.9 53.9
86 61.9 47.3 70.9





#26
Hexane
Concen: 1.998 ppbv
RT: 5.681 min Scan# 901
Delta R.T. -0.003 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

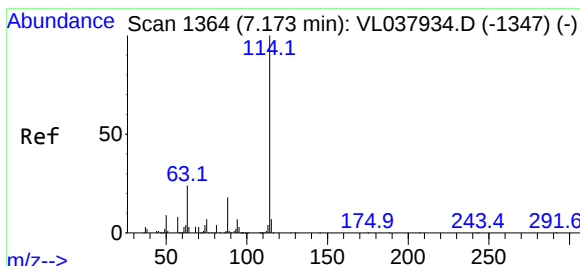
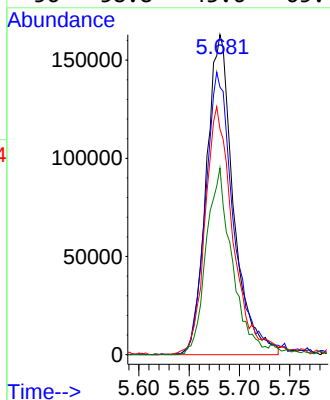
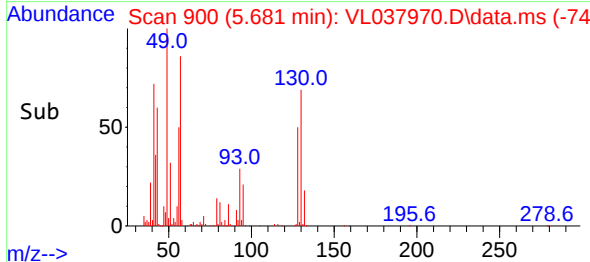
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ClientSampleId :
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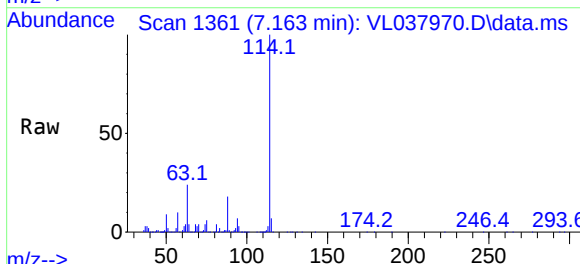
Tgt Ion: 57 Resp: 305050
Ion Ratio Lower Upper
57 100
41 94.3 71.0 106.6
43 81.2 173.0 259.6
56 58.8 43.6 65.4

Manual Integrations
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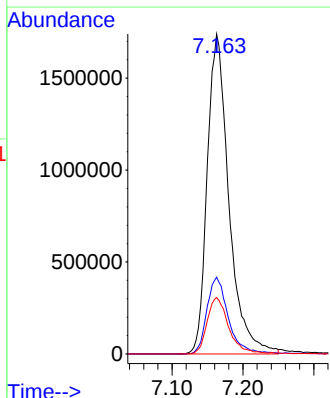
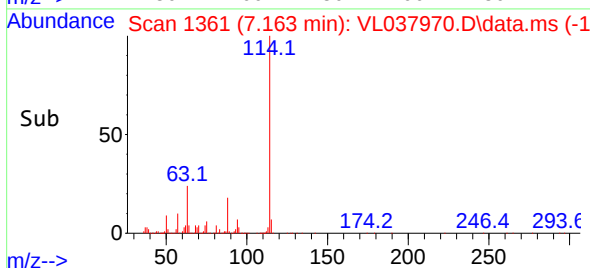
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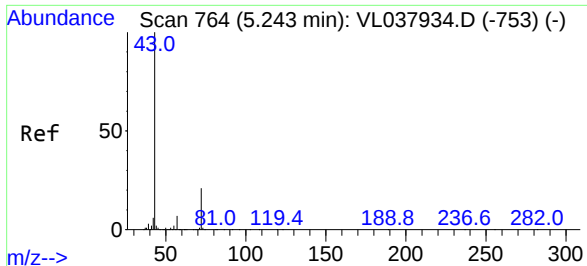


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1361
Delta R.T. -0.010 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31



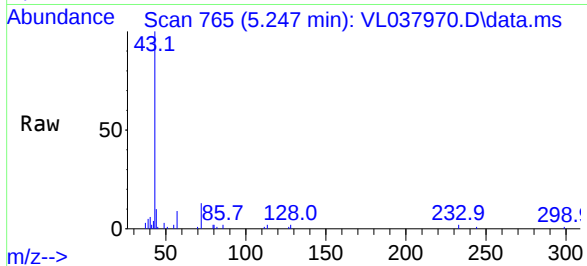
Tgt Ion:114 Resp: 3700789
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.9 14.2 21.4





#34
2-Butanone
Concen: 0.198 ppbv
RT: 5.247 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

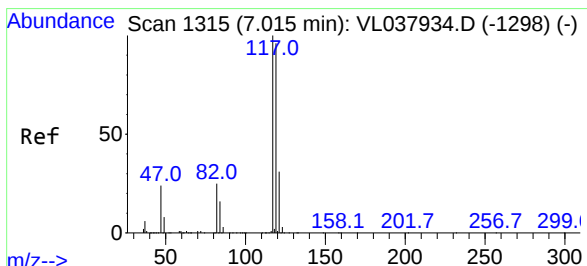
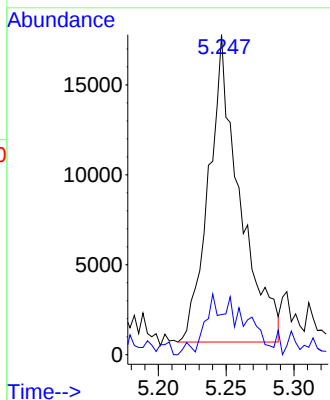
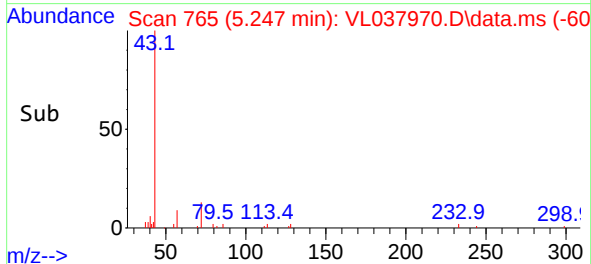
Instrument :
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OA-1



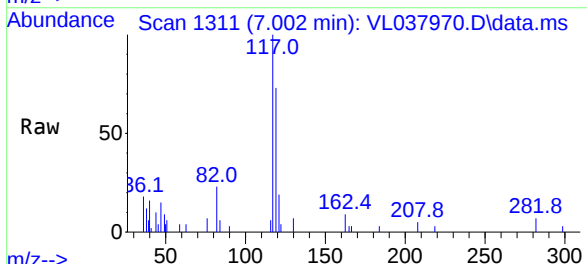
Tgt Ion: 43 Resp: 27114
Ion Ratio Lower Upper
43 100
72 30.4 18.3 27.5

Manual Integrations
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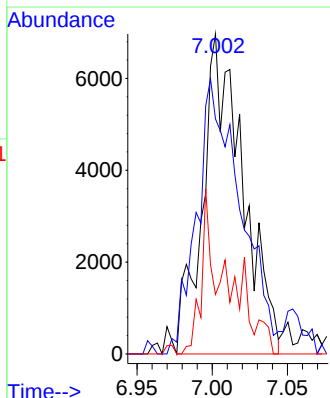
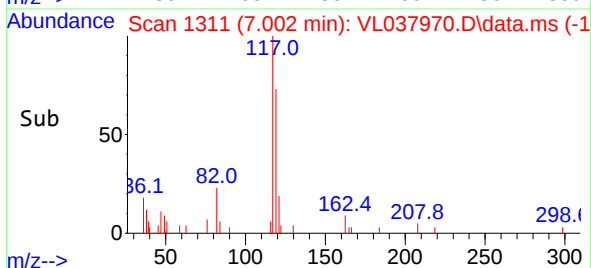
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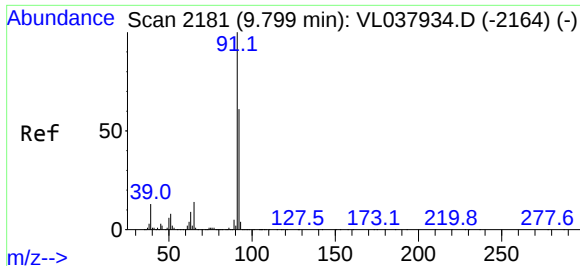


#35
Carbon Tetrachloride
Concen: 0.058 ppbv m
RT: 7.002 min Scan# 1311
Delta R.T. -0.013 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31



Tgt Ion:117 Resp: 13010
Ion Ratio Lower Upper
117 100
119 73.4 76.6 114.8#
121 18.6 25.1 37.7#





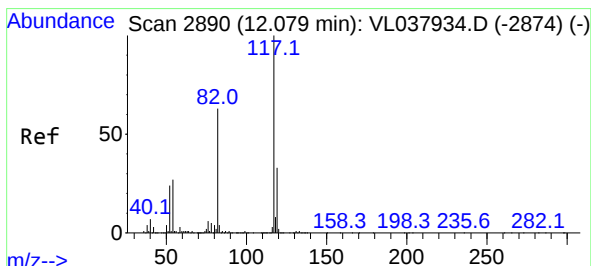
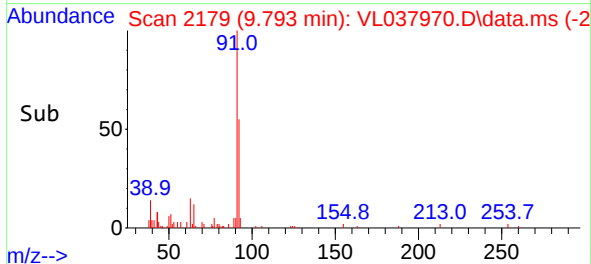
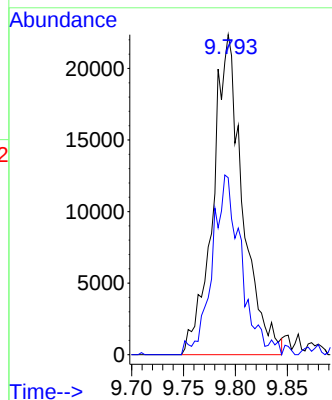
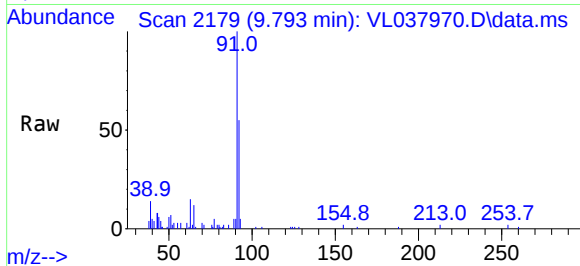
#53
Toluene
Concen: 0.138 ppbv m
RT: 9.793 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 91 Resp: 44630
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

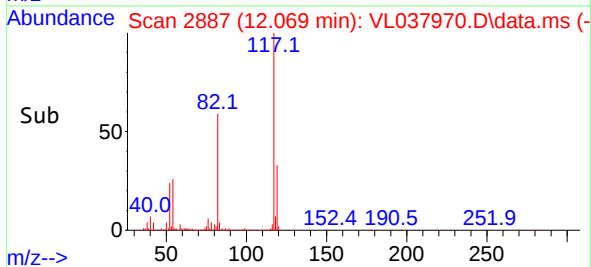
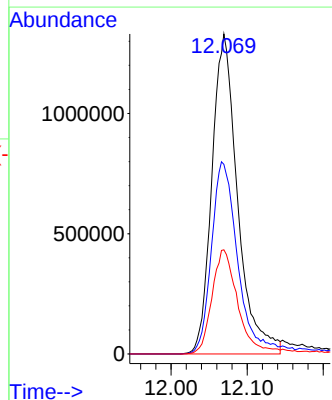
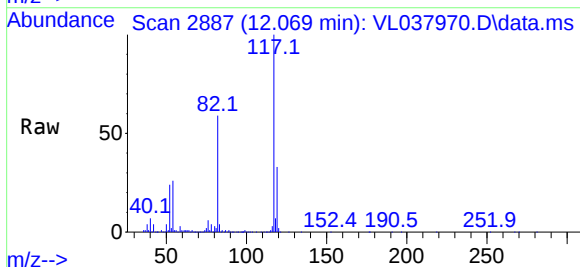
Manual Integrations
APPROVED

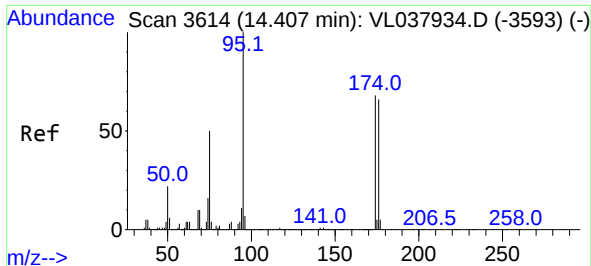
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 2887
Delta R.T. -0.010 min
Lab File: VL037970.D
Acq: 2 Nov 2021 16:31

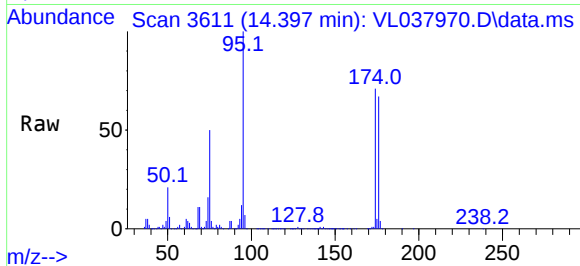
Tgt Ion:117 Resp: 3129101
Ion Ratio Lower Upper
117 100
82 64.6 51.0 76.6
119 35.2 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.628 ppbv
 RT: 14.397 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL037970.D
 Acq: 2 Nov 2021 16:31

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1



Tgt Ion: 95 Resp: 218981

Ion	Ratio	Lower	Upper
95	100		
174	78.0	58.3	87.5
175	5.6	4.6	6.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

