

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037998.D
 Acq On : 10 Nov 2021 3:20
 Operator : SY/AP
 Sample : M4597-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-IDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 04:51:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 09 04:51:52 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	5.668	49	1378552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	4006982	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.086	117	3371394	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2248989	9.177	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.800%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.996	51	185156m	0.721	ppbv	
9) Propene	3.025	41	33625m	0.365	ppbv	
13) Ethanol	3.626	45	19533m	2.104	ppbv	
15) Acetone	3.877	43	49939m	0.438	ppbv	
19) Isopropyl Alcohol	4.009	45	9273m	0.127	ppbv	
20) Methylene Chloride	4.349	84	27266m	0.436	ppbv	
22) trans-1,2-Dichloroethene	4.886	96	51565	0.748	ppbv	89
34) 2-Butanone	5.272	43	27867m	0.188	ppbv	
38) Trichloroethene	7.838	130	5544m	0.041	ppbv	

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

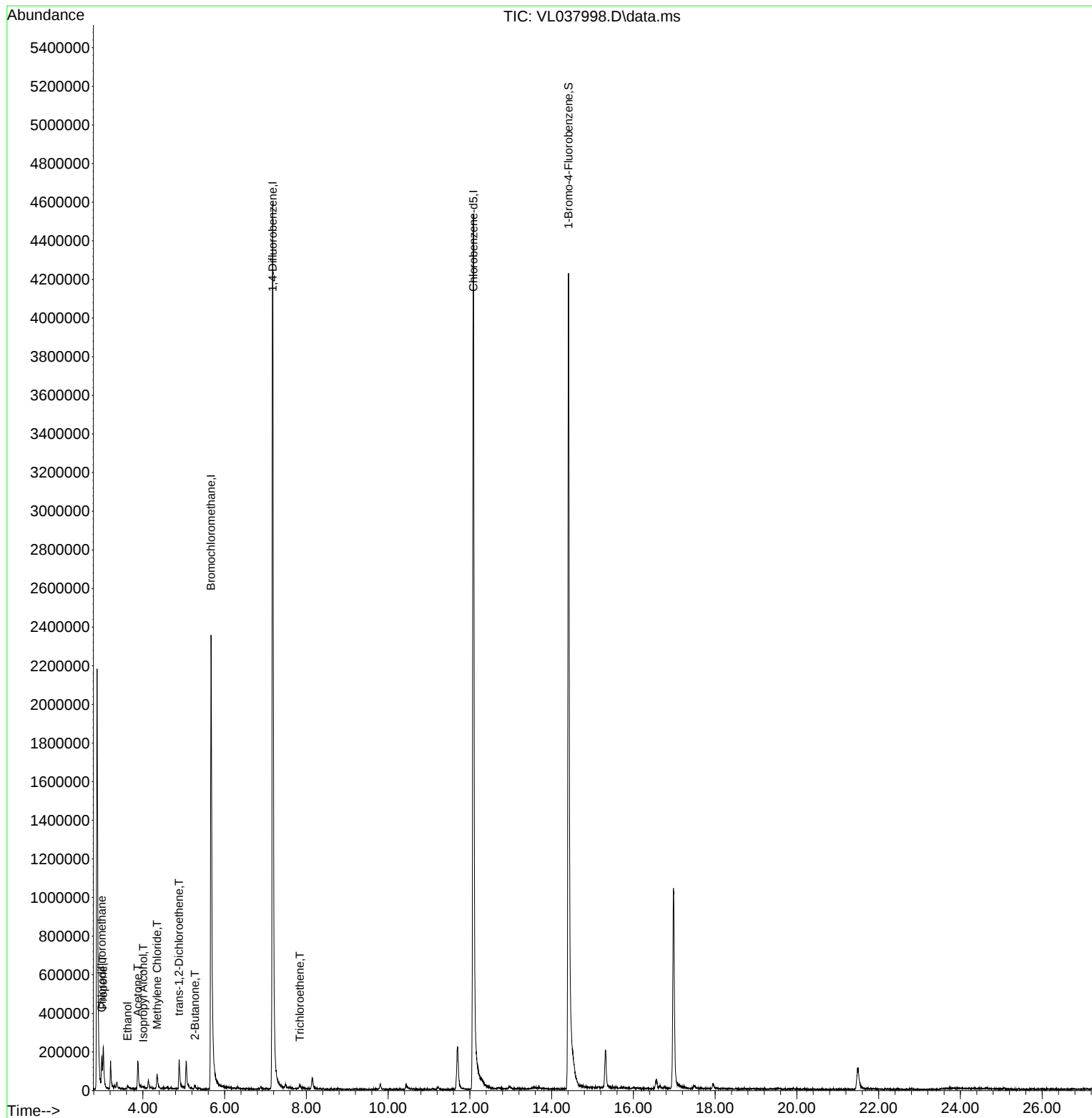
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037998.D
Acq On : 10 Nov 2021 3:20
Operator : SY/AP
Sample : M4597-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

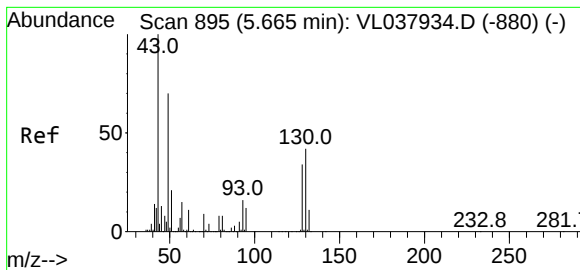
Instrument :
MSVOA_L
ClientSampleId :
IA-IDL

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
Supervised By : Mahesh Dadoda 11/17/2021

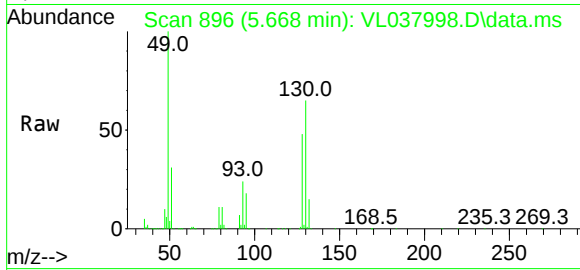
Quant Time: Nov 10 04:51:52 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

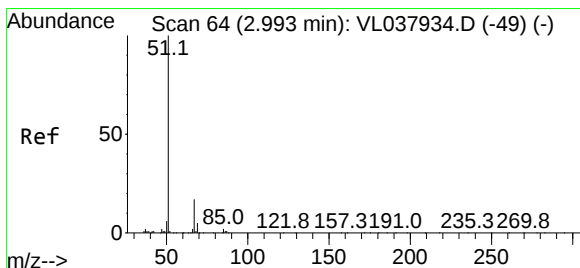
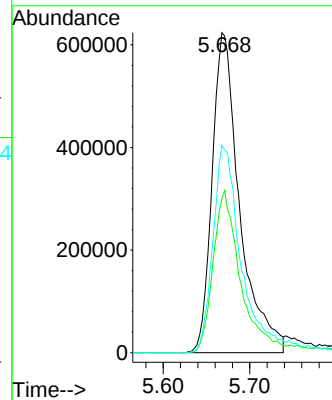
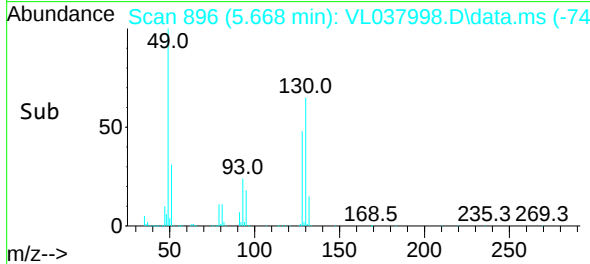
Instrument :
MSVOA_L
ClientSampleId :
IA-IDL



Tgt Ion: 49 Resp: 137855
Ion Ratio Lower Upper
49 100
128 53.7 27.0 81.0
130 69.6 33.4 100.2

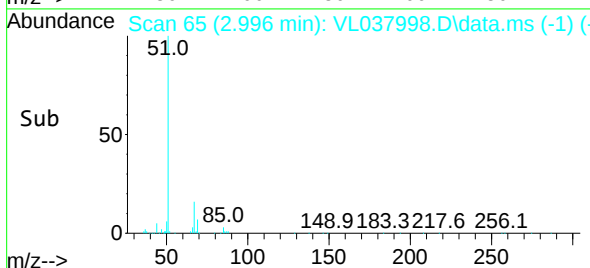
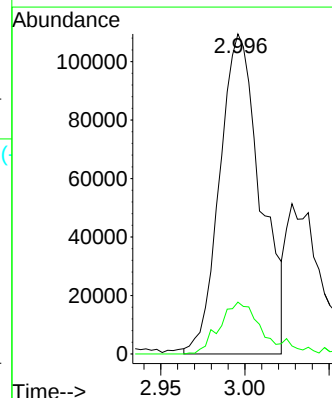
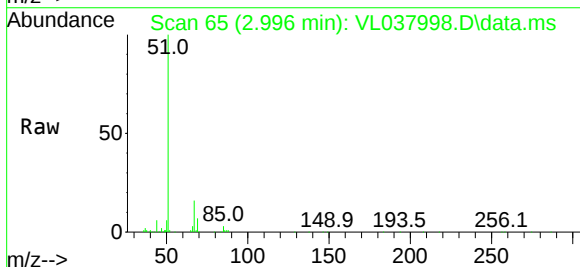
Manual Integrations
APPROVED

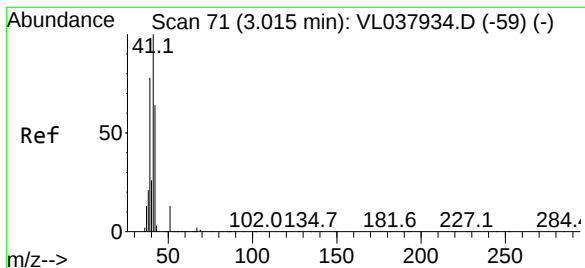
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#3
Chlorodifluoromethane
Concen: 0.721 ppbv m
RT: 2.996 min Scan# 65
Delta R.T. 0.003 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

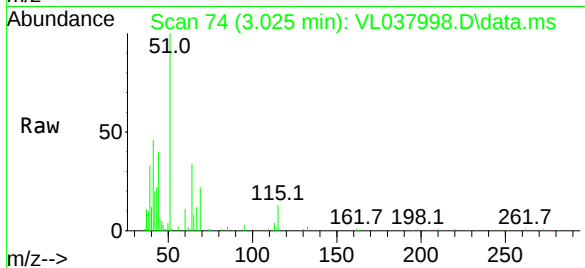
Tgt Ion: 51 Resp: 185156
Ion Ratio Lower Upper
51 100
67 18.2 13.4 20.0





#9
 Propene
 Concen: 0.365 ppbv m
 RT: 3.025 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL037998.D
 Acq: 10 Nov 2021 3:20

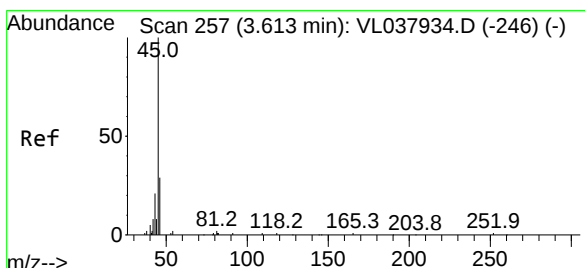
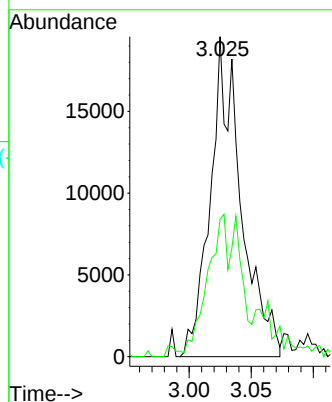
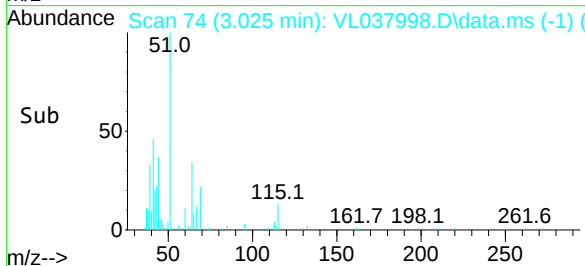
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-IDL



Tgt Ion: 41 Resp: 3362
 Ion Ratio Lower Upper
 41 100
 42 106.6 57.6 86.4

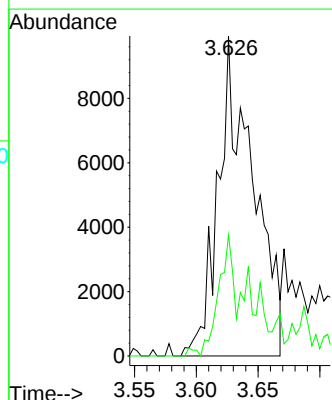
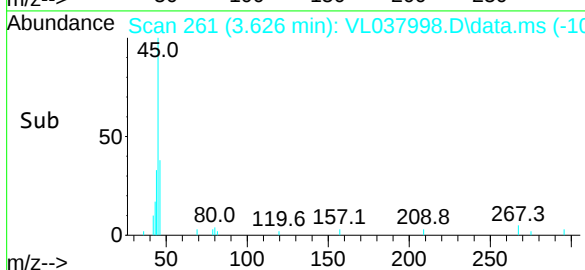
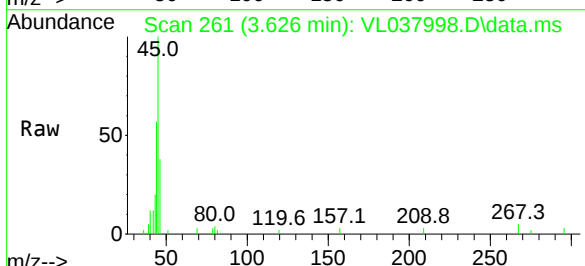
Manual Integrations
 APPROVED

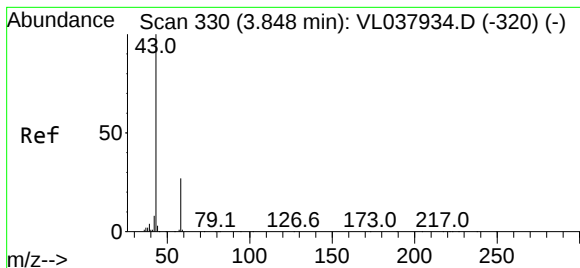
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#13
 Ethanol
 Concen: 2.104 ppbv m
 RT: 3.626 min Scan# 261
 Delta R.T. 0.013 min
 Lab File: VL037998.D
 Acq: 10 Nov 2021 3:20

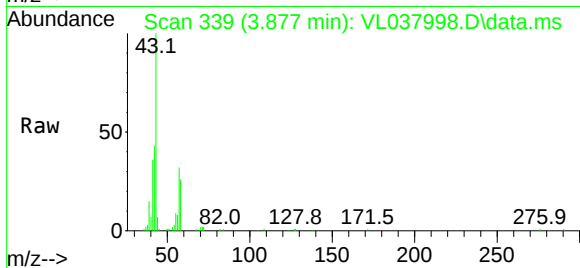
Tgt Ion: 45 Resp: 19533
 Ion Ratio Lower Upper
 45 100
 46 0.0 17.4 69.8





#15
Acetone
Concen: 0.438 ppbv m
RT: 3.877 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

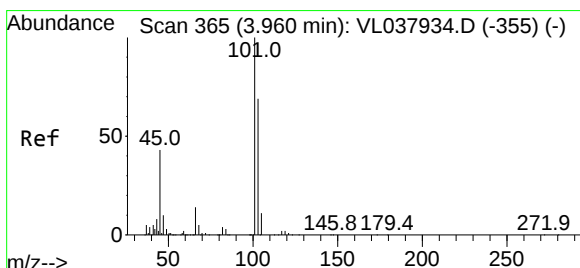
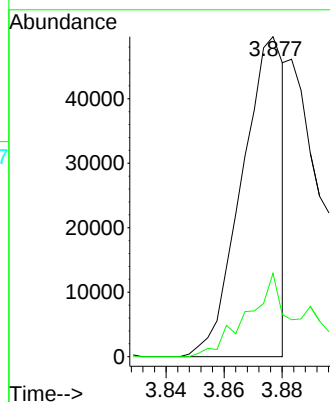
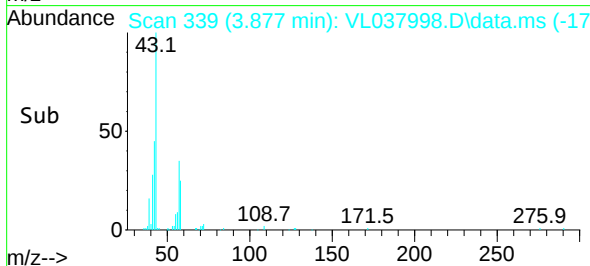
Instrument :
MSVOA_L
ClientSampleId :
IA-IDL



Tgt Ion: 43 Resp: 49939
Ion Ratio Lower Upper
43 100
58 49.1 23.3 34.9

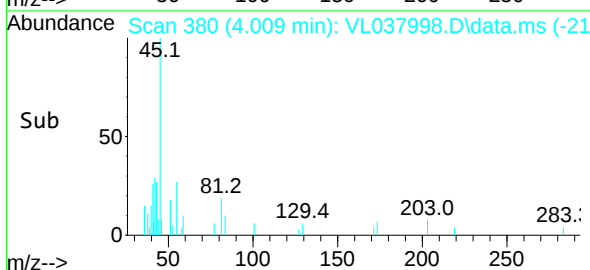
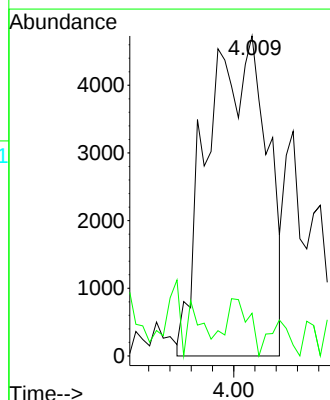
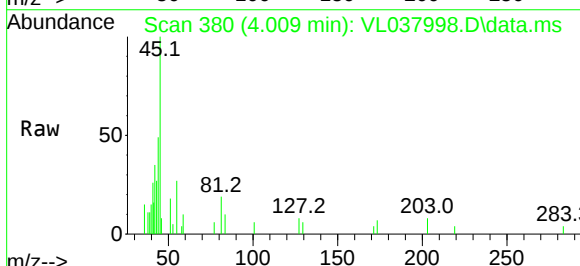
Manual Integrations
APPROVED

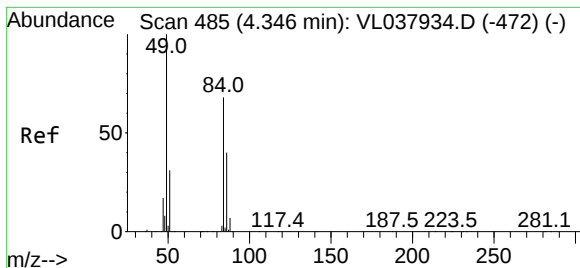
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#19
Isopropyl Alcohol
Concen: 0.127 ppbv m
RT: 4.009 min Scan# 380
Delta R.T. 0.048 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

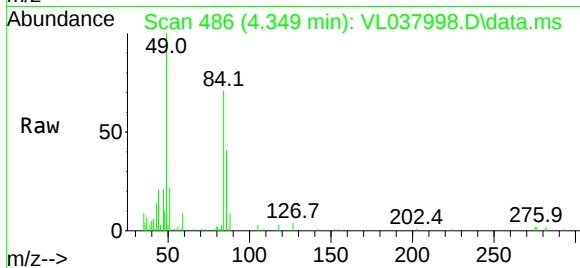
Tgt Ion: 45 Resp: 9273
Ion Ratio Lower Upper
45 100
58 0.0 4.0 6.0





#20
Methylene Chloride
Concen: 0.436 ppbv m
RT: 4.349 min Scan# 486
Delta R.T. 0.003 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

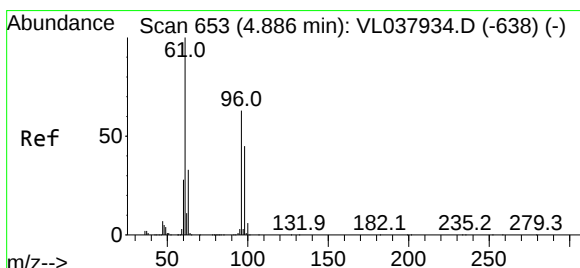
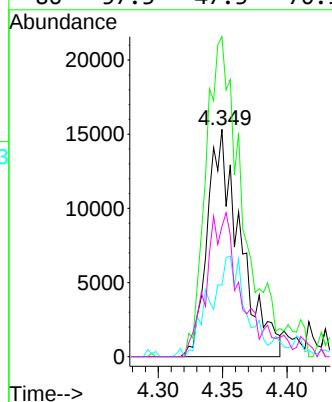
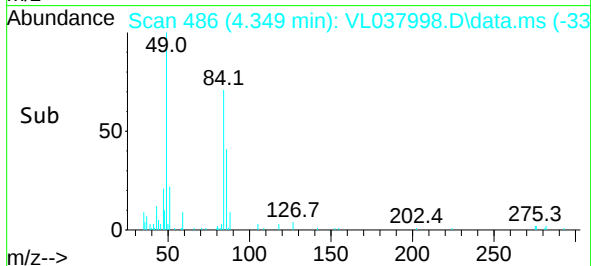
Instrument :
MSVOA_L
ClientSampleId :
IA-IDL



Tgt Ion: 84 Resp: 27260
Ion Ratio Lower Upper
84 100
49 140.8 117.5 176.3
51 31.5 35.9 53.9
86 57.3 47.3 70.9

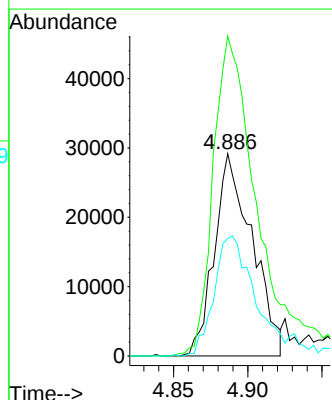
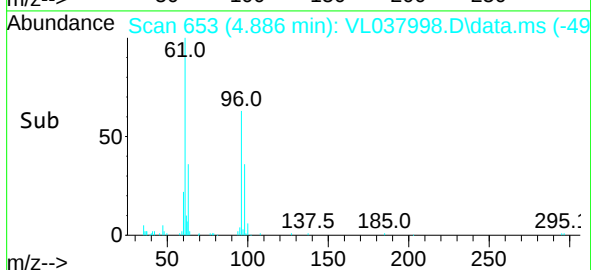
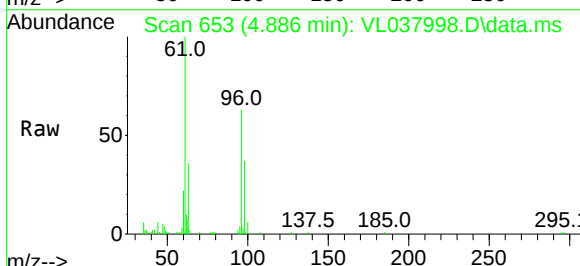
Manual Integrations
APPROVED

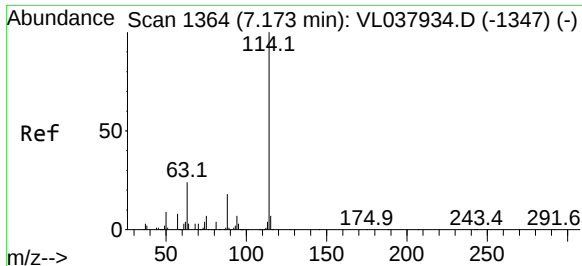
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
trans-1,2-Dichloroethene
Concen: 0.748 ppbv
RT: 4.886 min Scan# 653
Delta R.T. -0.000 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

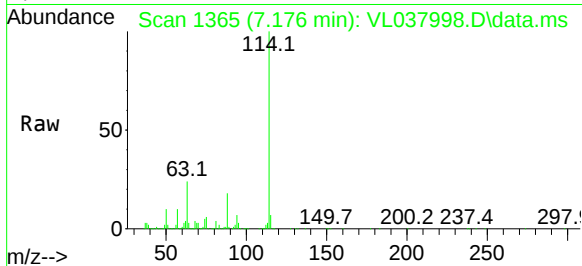
Tgt Ion: 96 Resp: 51565
Ion Ratio Lower Upper
96 100
61 172.1 127.8 191.6
98 58.1 56.9 85.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

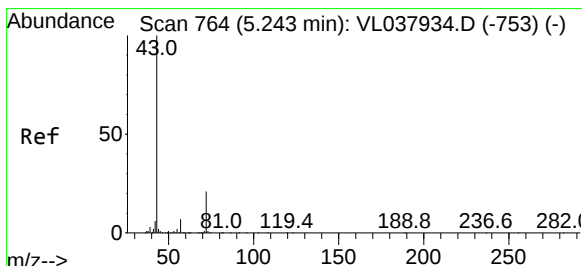
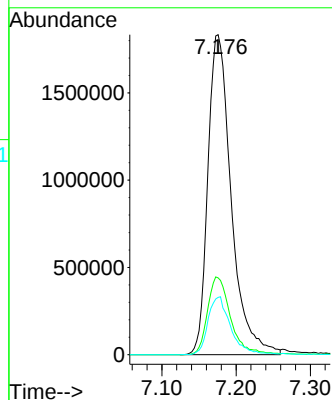
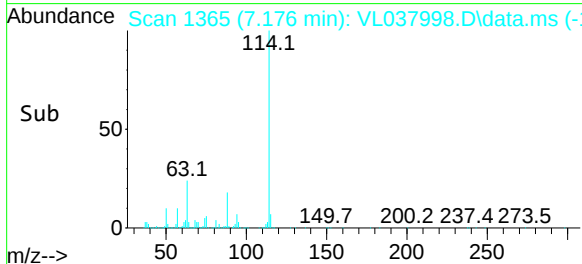
Instrument :
MSVOA_L
ClientSampleId :
IA-IDL



Tgt Ion:114 Resp: 400698
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 17.9 14.2 21.4

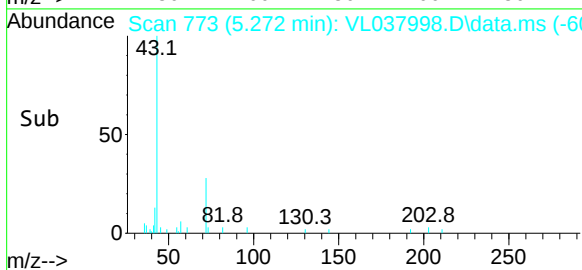
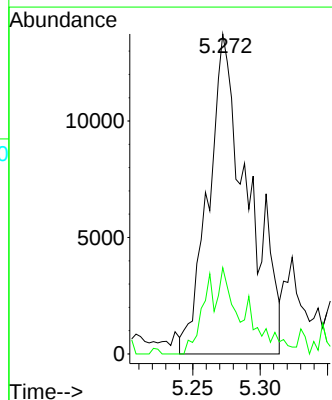
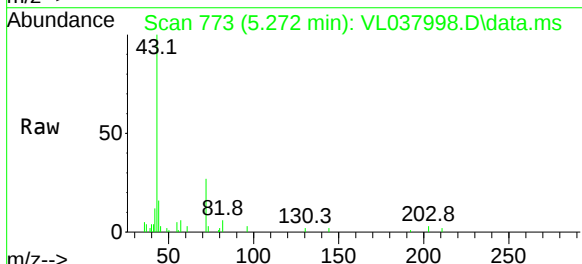
Manual Integrations
APPROVED

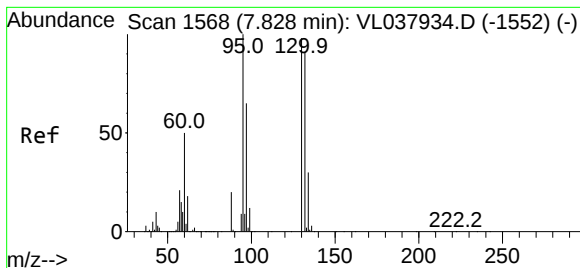
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
2-Butanone
Concen: 0.188 ppbv m
RT: 5.272 min Scan# 773
Delta R.T. 0.029 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

Tgt Ion: 43 Resp: 27867
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5#





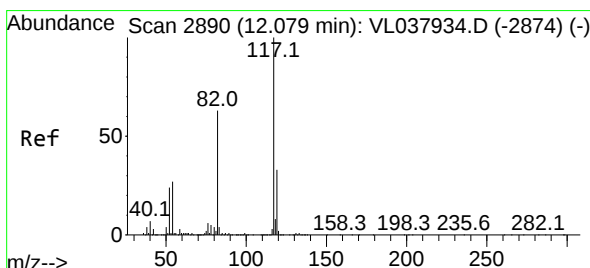
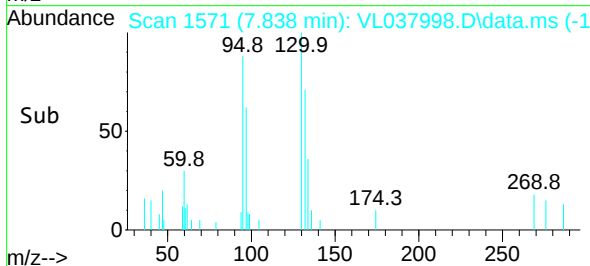
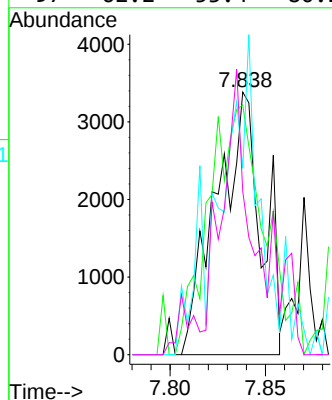
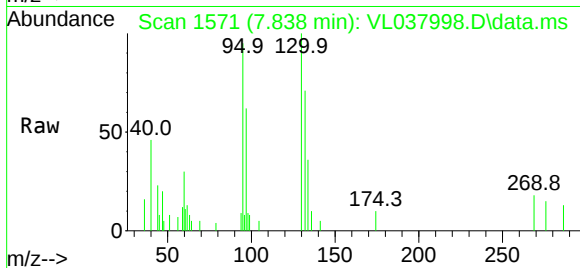
#38
Trichloroethene
Concen: 0.041 ppbv m
RT: 7.838 min Scan# 1568
Delta R.T. 0.010 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

Instrument : MSVOA_L
ClientSampleId : IA-IDL

Tgt Ion:130	Resp: 554
Ion Ratio	Lower Upper
130 100	
95 95.1	81.8 122.8
132 71.0	74.2 111.2
97 62.2	53.4 80.2

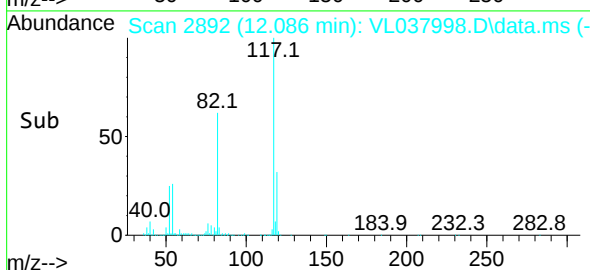
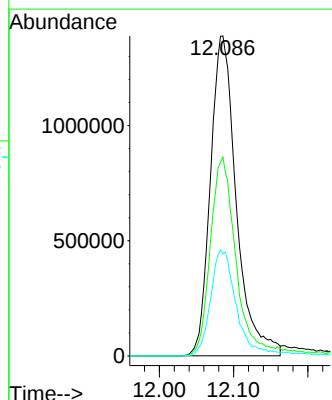
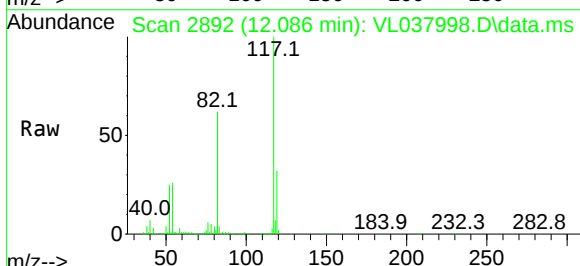
Manual Integrations
APPROVED

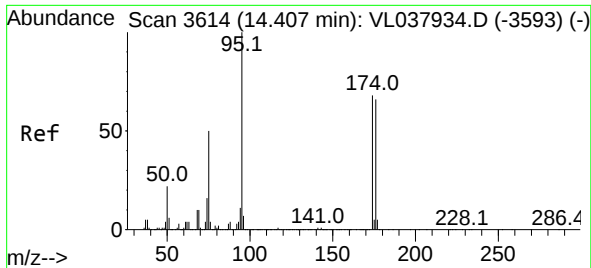
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.086 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VL037998.D
Acq: 10 Nov 2021 3:20

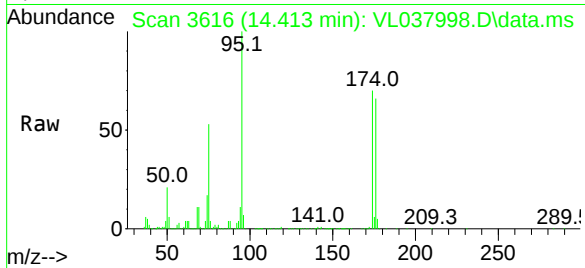
Tgt Ion:117	Resp: 3371394
Ion Ratio	Lower Upper
117 100	
82 65.3	51.0 76.6
119 33.9	26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.177 ppbv
 RT: 14.413 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL037998.D
 Acq: 10 Nov 2021 3:20

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-IDL



Tgt Ion: 95 Resp: 2248989
 Ion Ratio Lower Upper
 95 100
 174 77.2 58.3 87.5
 175 5.3 4.6 6.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

