

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039946.D
 Acq On : 1 Dec 2022 17:42
 Operator : SY/MD
 Sample : N5825-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-IADL

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 05:33:50 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 12 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			5.163	49	1274322	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene			6.623	114	3436666	10.000	ppbv	-0.01
55) Chlorobenzene-d5			11.436	117	3107868	10.000	ppbv	-0.02
System Monitoring Compounds								
68) 1-Bromo-4-Fluorobenzene			13.751	95	2540672	10.703	ppbv	-0.01
Spiked Amount		10.000	Range	65 - 135	Recovery	= 107.000%		
Target Compounds								
								Qvalue
3) Chlorodifluoromethane			2.645	51	203091	1.155	ppbv	98
9) Propene			2.671	41	13008m	0.157	ppbv	
13) Ethanol			3.208	45	635679m	100.518	ppbv	
15) Acetone			3.443	43	137623	0.814	ppbv	96
19) Isopropyl Alcohol			3.555	45	82778m	0.905	ppbv	
20) Methylene Chloride			3.906	84	48594	0.593	ppbv #	80
25) Ethyl Acetate			5.179	43	88575	0.285	ppbv	98
26) Hexane			5.182	57	45860	0.338	ppbv	87
52) Tetrachloroethene			10.581	164	3810m	0.035	ppbv	

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

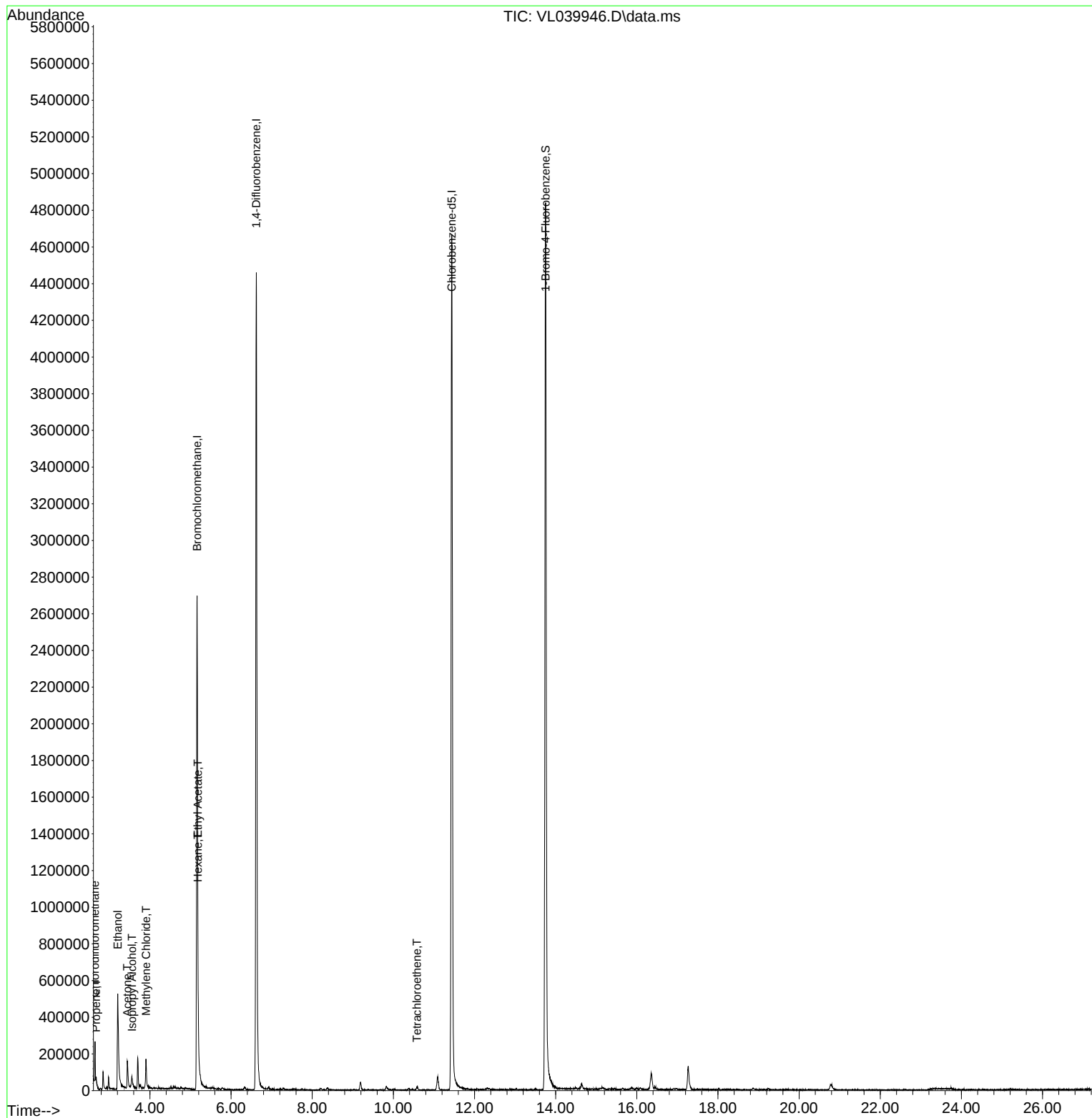
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039946.D
Acq On : 1 Dec 2022 17:42
Operator : SY/MD
Sample : N5825-01DL 10X
Misc : 400mL/MSVOA_L
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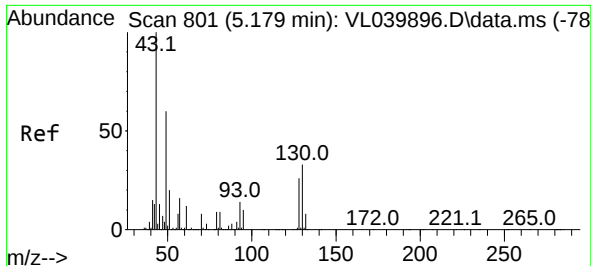
Instrument :
MSVOA_L
ClientSampleId :
OTC-IADL

Quant Time: Dec 02 05:33:50 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

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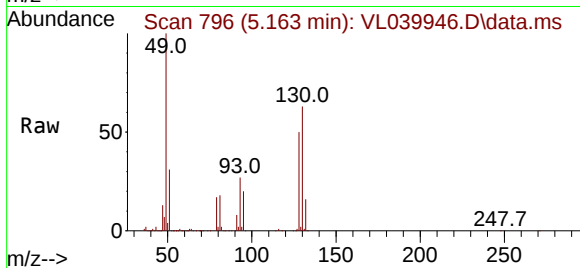
Reviewed By : Semsettin Yesilyurt 12/02/2022
Supervised By : Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

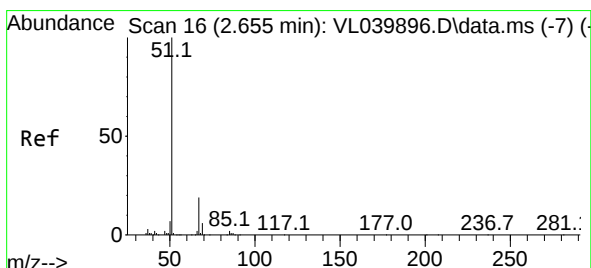
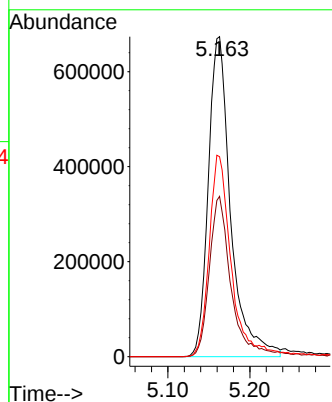
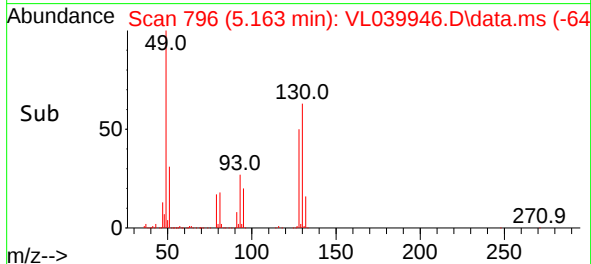
Instrument :
MSVOA_L
ClientSampleId :
OTC-IADL



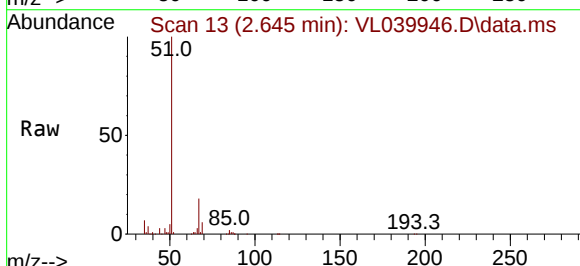
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Ion Ratio Lower Upper
49 100
128 50.0 22.1 66.3
130 63.4 27.7 83.1

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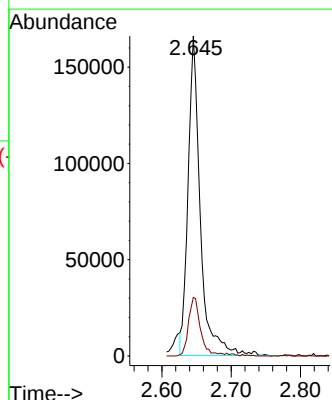
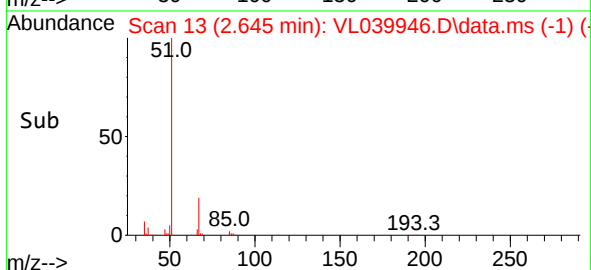
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

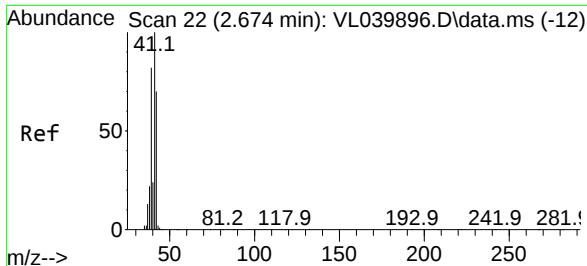


#3
Chlorodifluoromethane
Concen: 1.155 ppbv
RT: 2.645 min Scan# 13
Delta R.T. -0.010 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42



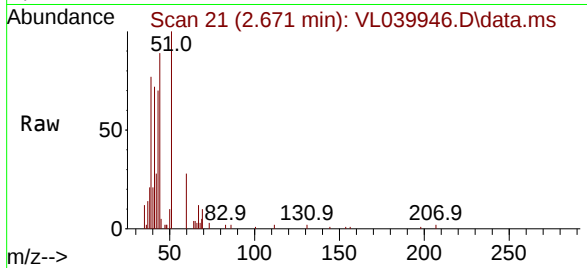
Tgt Ion: 51 Resp: 203091
Ion Ratio Lower Upper
51 100
67 18.7 14.2 21.4





#9
 Propene
 Concen: 0.157 ppbv m
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039946.D
 Acq: 1 Dec 2022 17:42

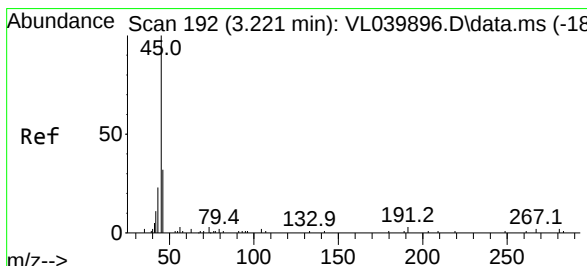
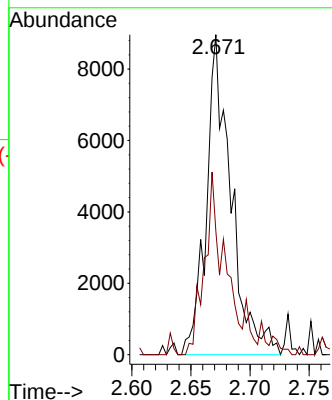
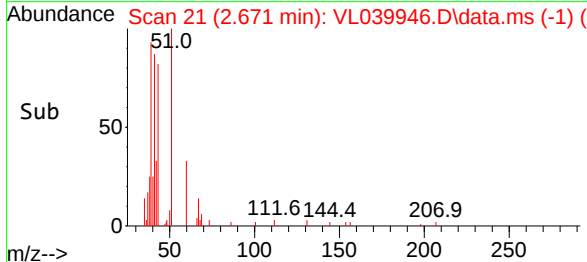
Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-IADL



Tgt Ion: 41 Resp: 13008
 Ion Ratio Lower Upper
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 42 56.1 55.8 83.6

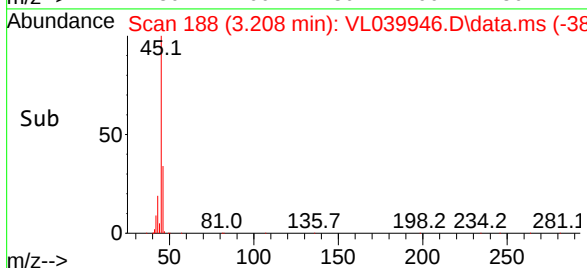
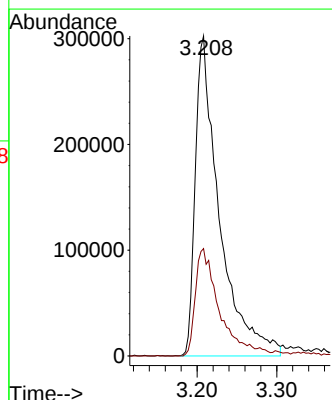
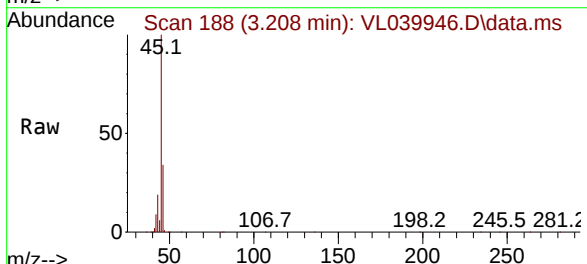
Manual Integrations
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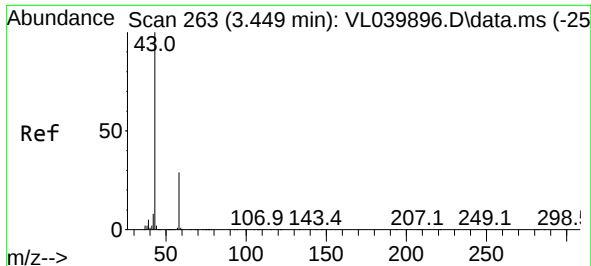
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#13
 Ethanol
 Concen: 100.518 ppbv m
 RT: 3.208 min Scan# 188
 Delta R.T. -0.019 min
 Lab File: VL039946.D
 Acq: 1 Dec 2022 17:42

Tgt Ion: 45 Resp: 635679
 Ion Ratio Lower Upper
 45 100
 46 35.7 14.6 58.2





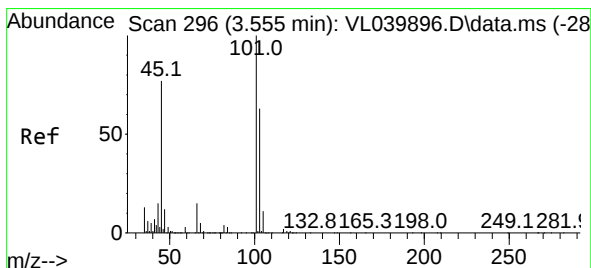
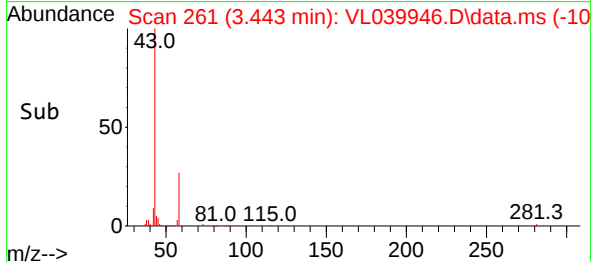
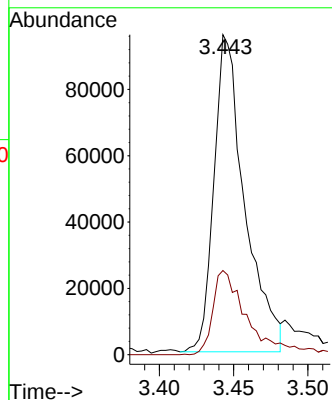
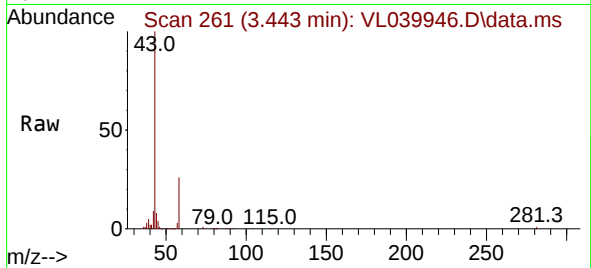
#15
Acetone
Concen: 0.814 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

Instrument :
MSVOA_L
ClientSampleId :
OTC-IADL

Tgt Ion: 43 Resp: 13762
Ion Ratio Lower Upper
43 100
58 30.9 22.9 34.3

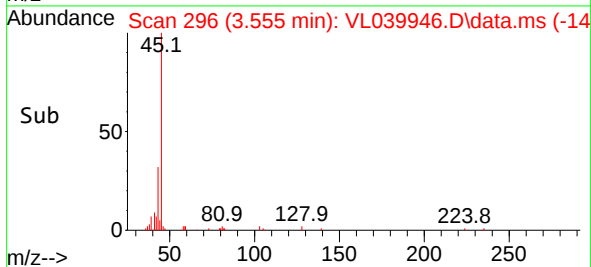
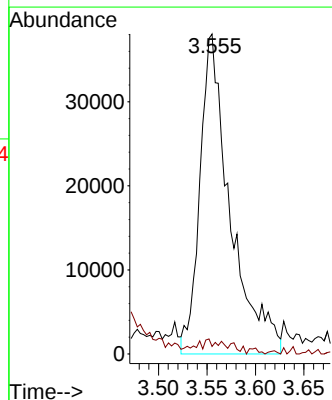
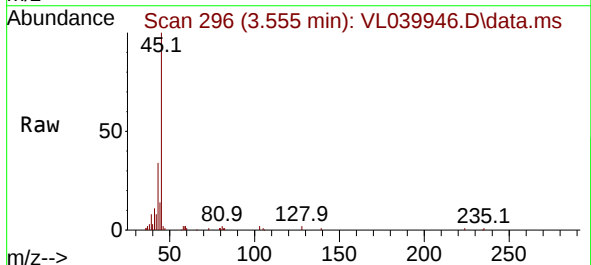
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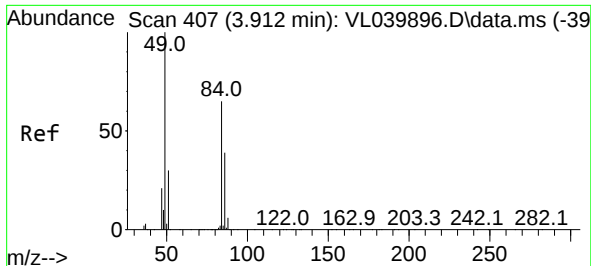
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#19
Isopropyl Alcohol
Concen: 0.905 ppbv m
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

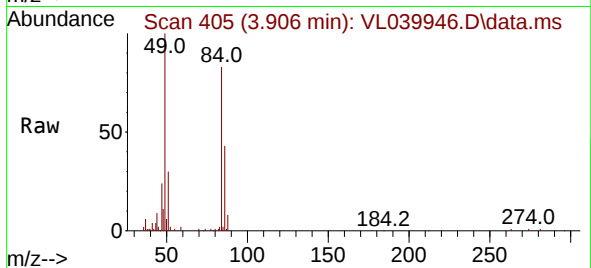
Tgt Ion: 45 Resp: 82778
Ion Ratio Lower Upper
45 100
58 4.8 38.7 58.1#





#20
Methylene Chloride
Concen: 0.593 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.006 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

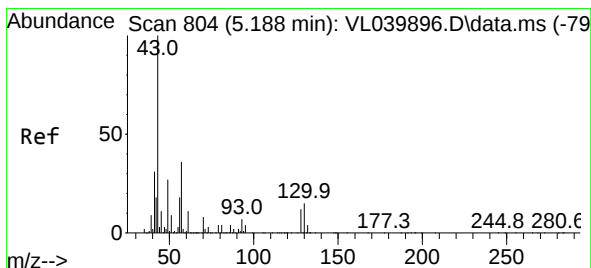
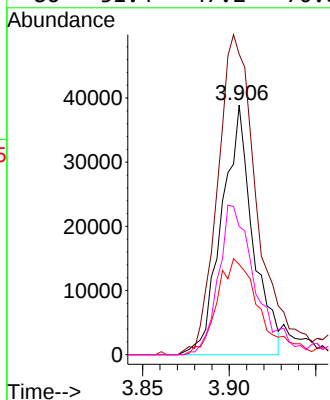
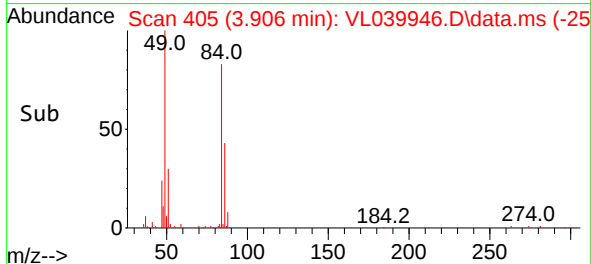
Instrument :
MSVOA_L
ClientSampleId :
OTC-IADL



Tgt Ion: 84 Resp: 48594
Ion Ratio Lower Upper
84 100
49 120.4 122.2 183.4
51 36.2 36.3 54.5
86 51.4 47.2 70.8

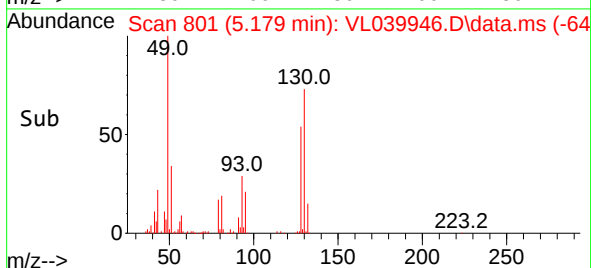
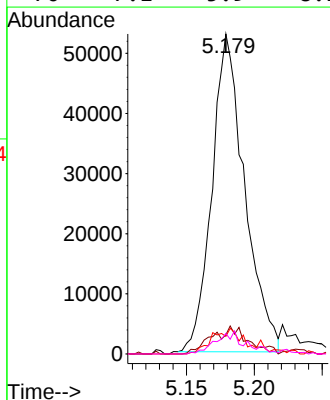
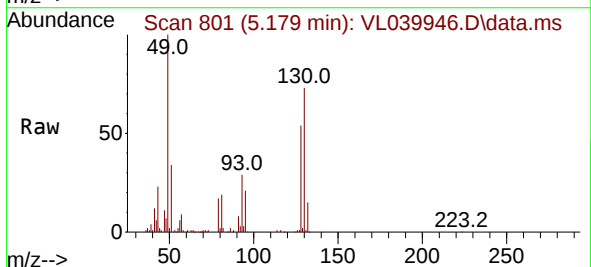
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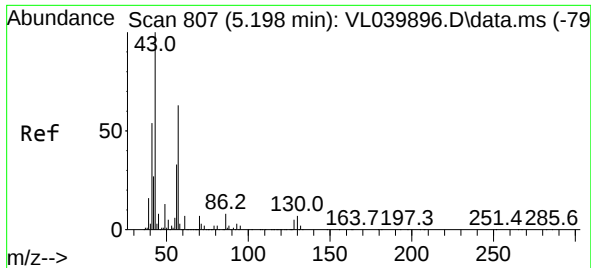
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#25
Ethyl Acetate
Concen: 0.285 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

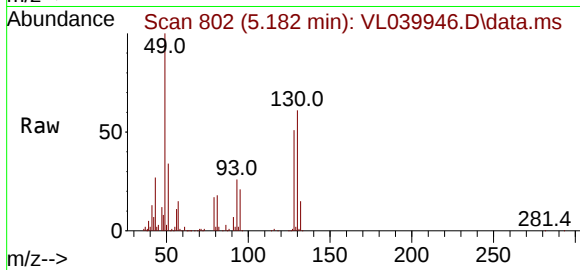
Tgt Ion: 43 Resp: 88575
Ion Ratio Lower Upper
43 100
45 9.7 8.4 12.6
61 9.2 8.5 12.7
70 7.1 5.9 8.9





#26
Hexane
Concen: 0.338 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

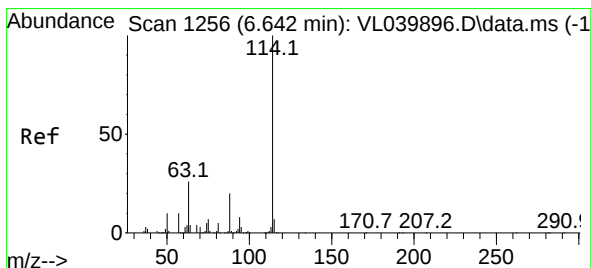
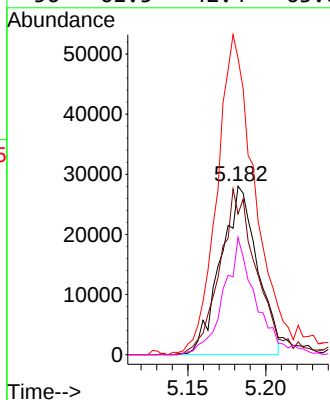
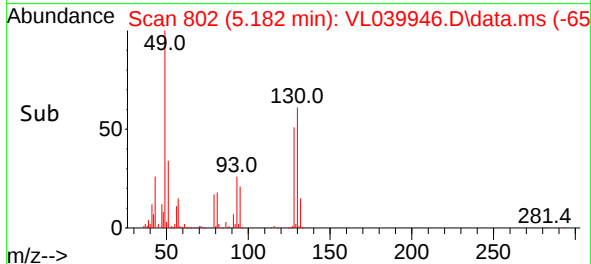
Instrument :
MSVOA_L
ClientSampleId :
OTC-IADL



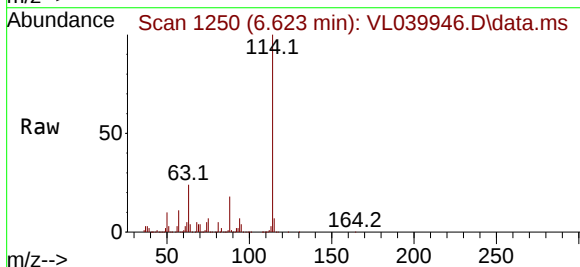
Tgt Ion: 57 Resp: 45860
Ion Ratio Lower Upper
57 100
41 101.0 72.3 108.5
43 213.7 188.7 283.1
56 61.5 42.4 63.6

Manual Integrations
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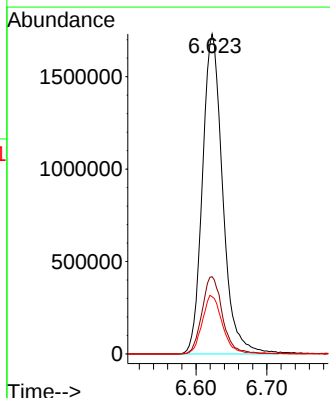
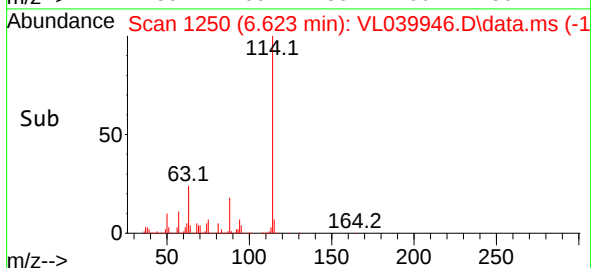
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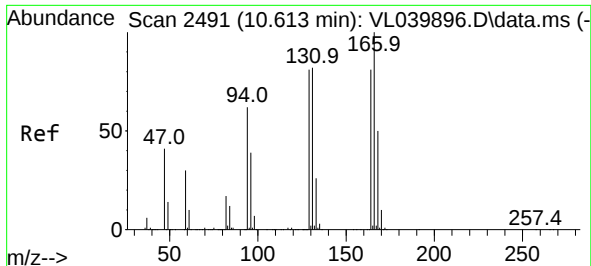


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. -0.013 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42



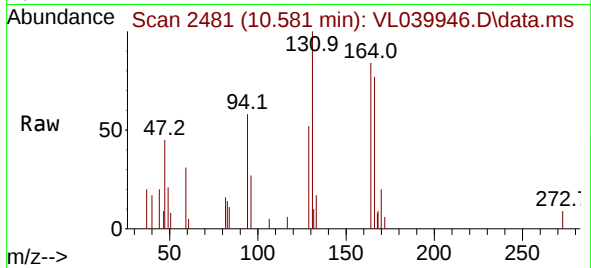
Tgt Ion:114 Resp: 3436666
Ion Ratio Lower Upper
114 100
63 24.6 21.4 32.0
88 18.3 15.3 22.9





#52
Tetrachloroethene
Concen: 0.035 ppbv m
RT: 10.581 min Scan# 2491
Delta R.T. -0.022 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42

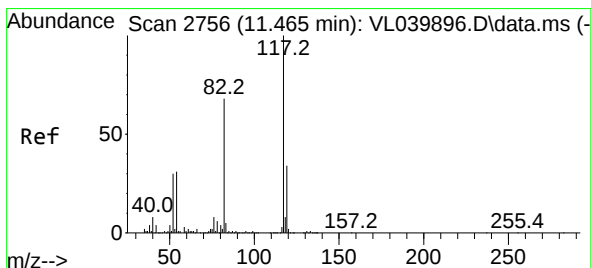
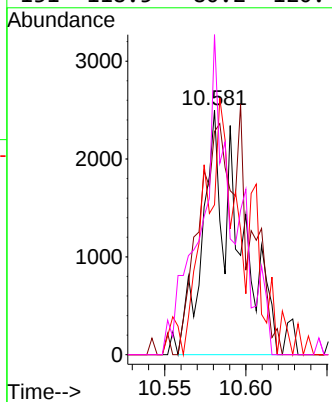
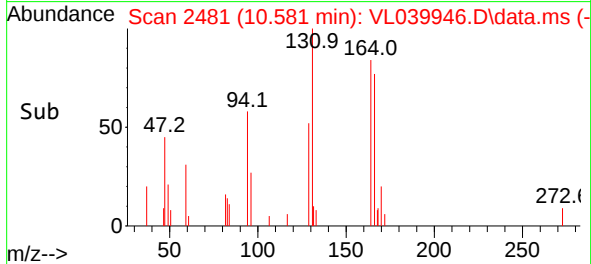
Instrument :
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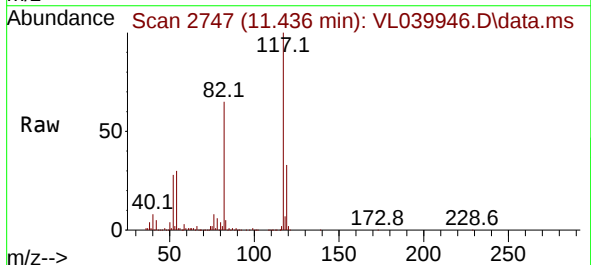
Tgt Ion:164 Resp: 3810
Ion Ratio Lower Upper
164 100
166 91.2 98.3 147.5
129 61.3 79.7 119.5
131 118.5 80.2 120.4

Manual Integrations
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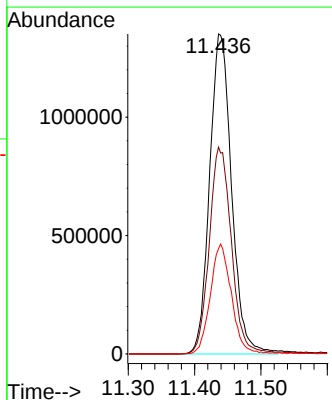
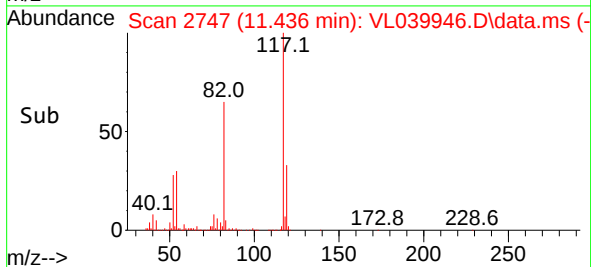
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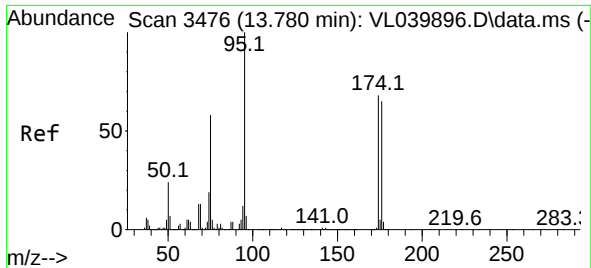


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. -0.016 min
Lab File: VL039946.D
Acq: 1 Dec 2022 17:42



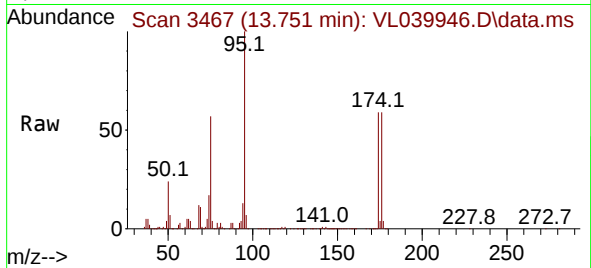
Tgt Ion:117 Resp: 3107868
Ion Ratio Lower Upper
117 100
82 65.5 52.3 78.5
119 33.3 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.703 ppbv
 RT: 13.751 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL039946.D
 Acq: 1 Dec 2022 17:42

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 2540672
 Ion Ratio Lower Upper
 95 100
 174 61.1 53.7 80.5
 175 4.4 4.0 6.0

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