

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041245.D
 Acq On : 8 May 2024 15:51
 Operator : SY/MD
 Sample : P2334-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-03-SS02-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

Quant Time: May 09 02:51:28 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	803607	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	2101899	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	1917809	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1447366	9.997	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.758	85	15438m	0.142	ppbv	
4) Chloromethane	2.832	50	6725m	0.140	ppbv	
9) Propene	2.729	41	20492	0.429	ppbv	# 71
13) Ethanol	3.269	45	305080m	28.493	ppbv	
15) Acetone	3.497	43	210874	2.223	ppbv	100
19) Isopropyl Alcohol	3.603	45	124910	2.007	ppbv	# 45
20) Methylene Chloride	3.960	84	307658	9.329	ppbv	95
26) Hexane	5.237	57	228492	2.705	ppbv	# 42
34) 2-Butanone	4.825	43	19724m	0.184	ppbv	
52) Tetrachloroethene	10.639	164	3543m	0.057	ppbv	
53) Toluene	9.246	91	26855m	0.131	ppbv	

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

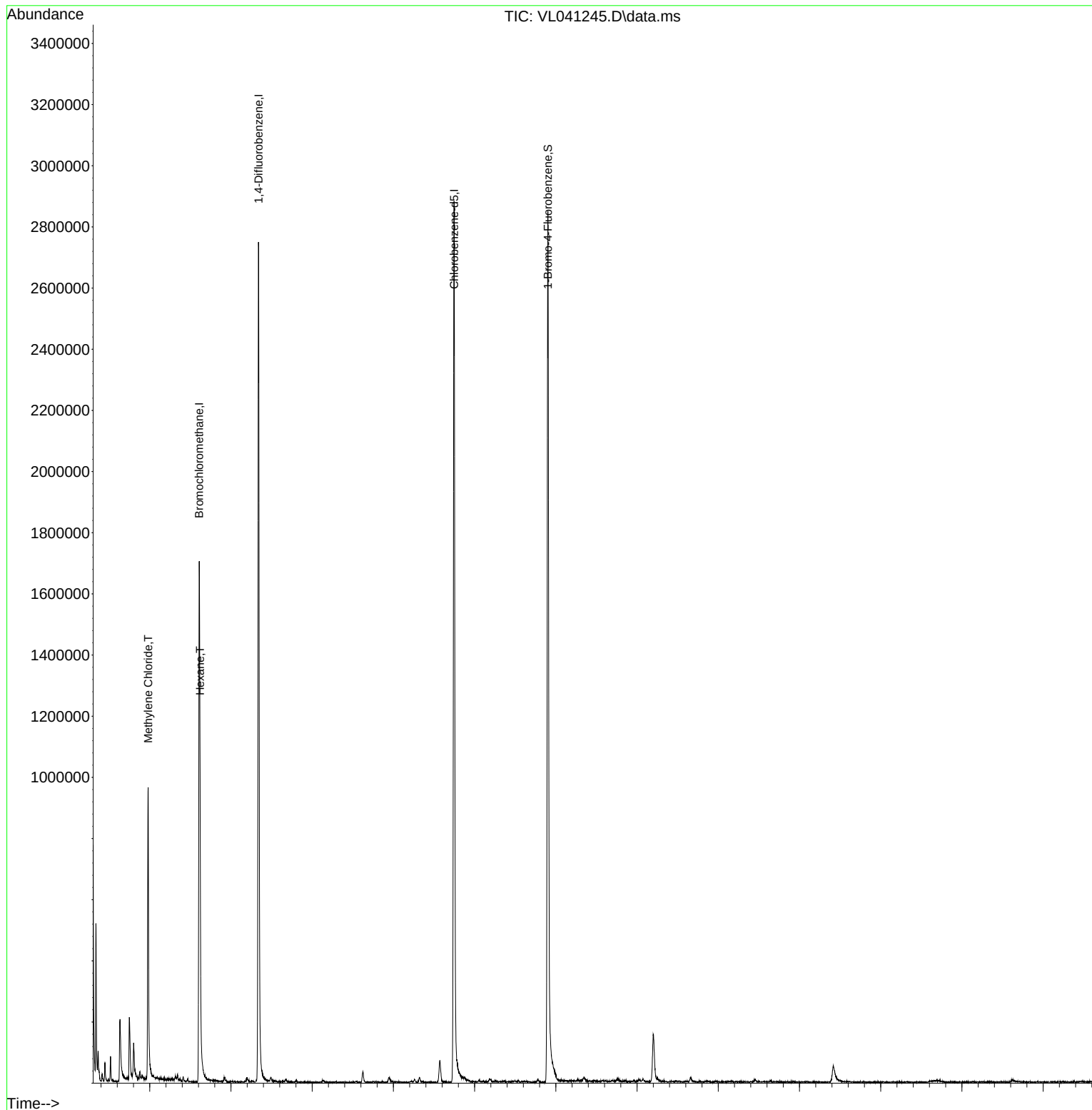
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
Data File : VL041245.D
Acq On : 8 May 2024 15:51
Operator : SY/MD
Sample : P2334-05DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

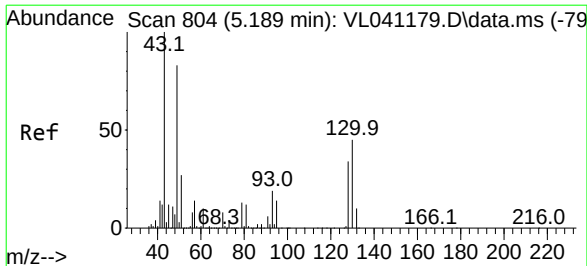
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DL

Quant Time: May 09 02:51:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu May 09 02:43:03 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

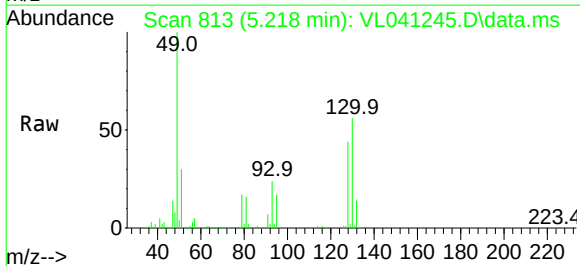
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

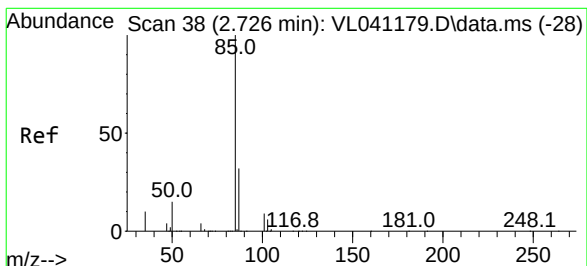
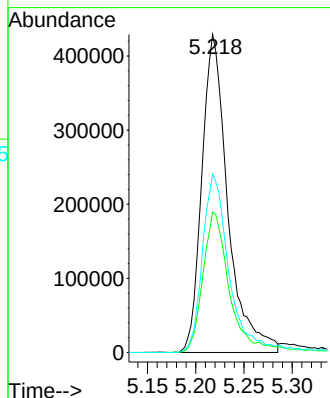
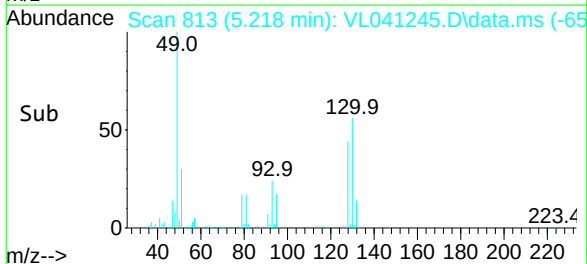
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DL



Tgt Ion: 49 Resp: 803607
Ion Ratio Lower Upper
49 100
128 46.9 21.5 64.5
130 59.8 27.2 81.6

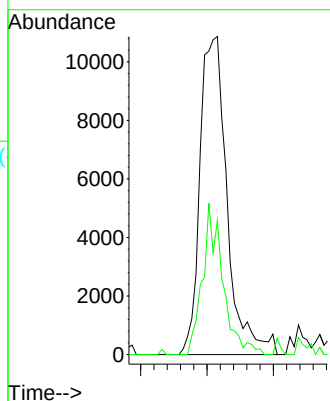
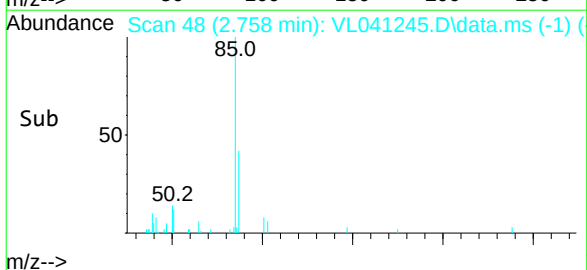
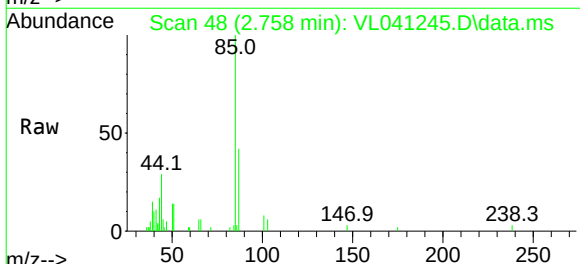
Manual Integrations
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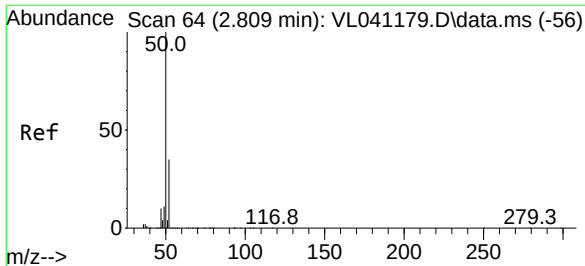
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 0.142 ppbv m
RT: 2.758 min Scan# 48
Delta R.T. 0.013 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

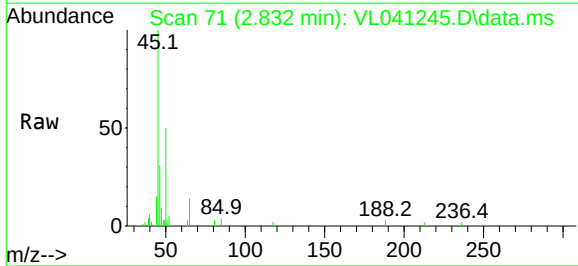
Tgt Ion: 85 Resp: 15438
Ion Ratio Lower Upper
85 100
87 42.2 25.7 38.5#





#4
Chloromethane
Concen: 0.140 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

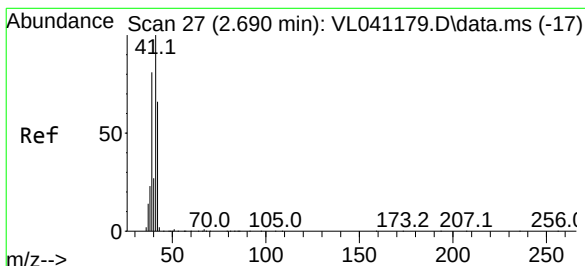
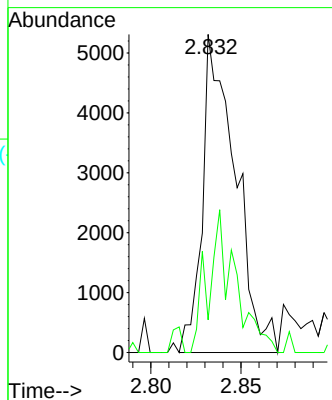
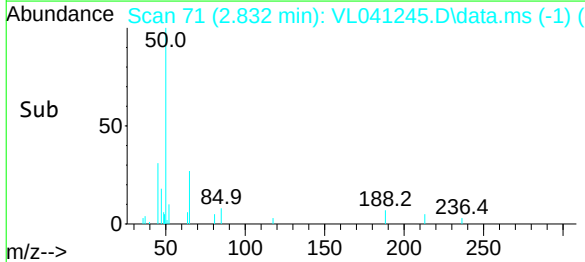
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DL



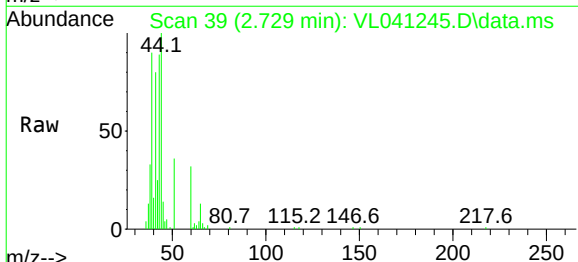
Tgt Ion: 50 Resp: 6725
Ion Ratio Lower Upper
50 100
52 10.3 28.3 42.5#

Manual Integrations
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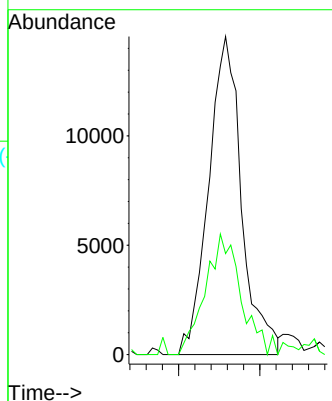
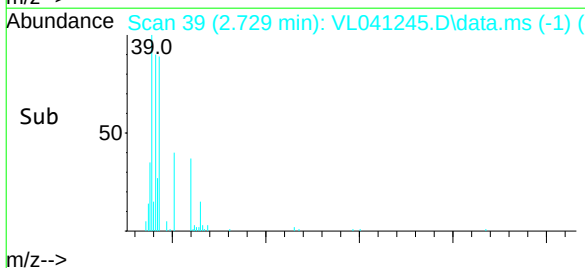
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

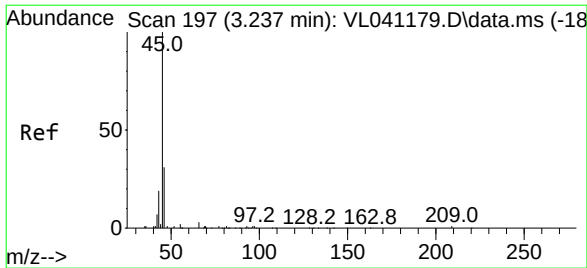


#9
Propene
Concen: 0.429 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.019 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51



Tgt Ion: 41 Resp: 20492
Ion Ratio Lower Upper
41 100
42 45.6 55.3 82.9#





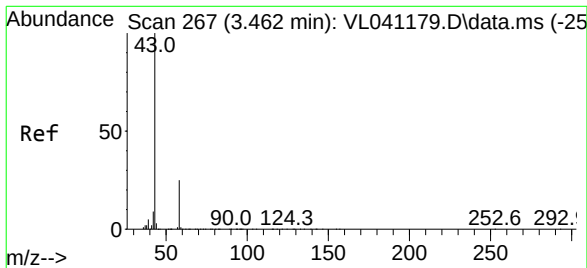
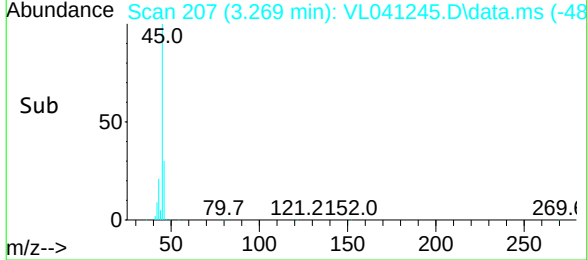
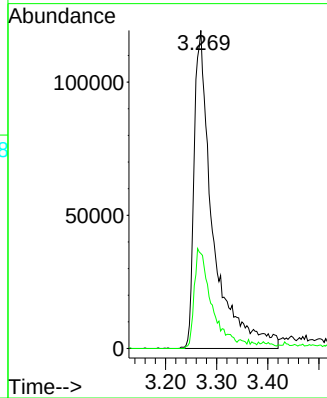
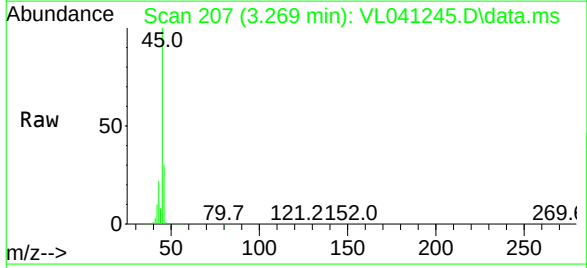
#13
Ethanol
Concen: 28.493 ppbv m
RT: 3.269 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DL

Tgt Ion: 45 Resp: 305080
Ion Ratio Lower Upper
45 100
46 31.9 14.8 59.0

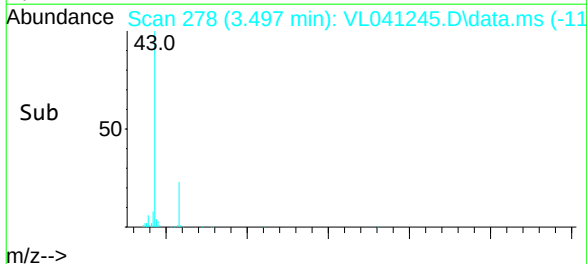
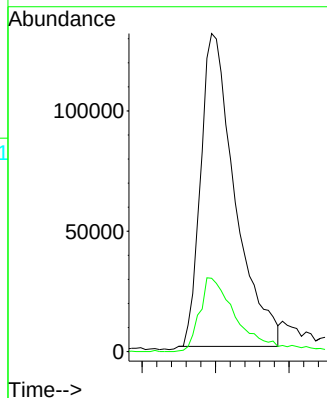
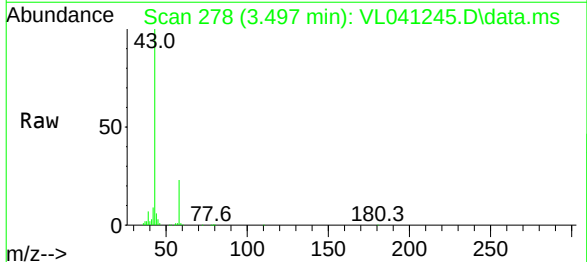
Manual Integrations
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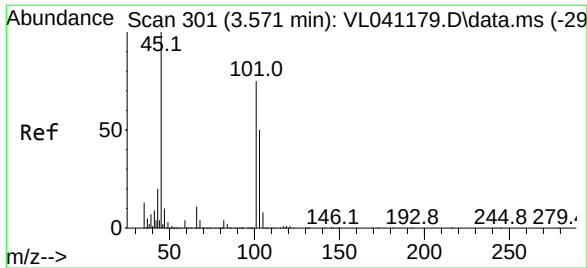
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#15
Acetone
Concen: 2.223 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.013 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

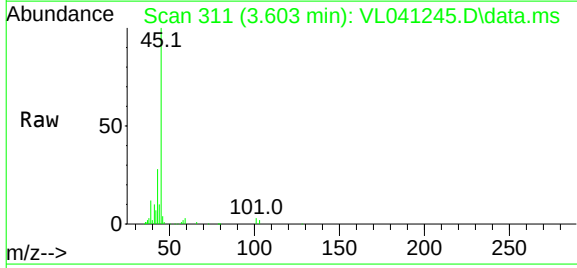
Tgt Ion: 43 Resp: 210874
Ion Ratio Lower Upper
43 100
58 26.6 21.4 32.0





#19
Isopropyl Alcohol
Concen: 2.007 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

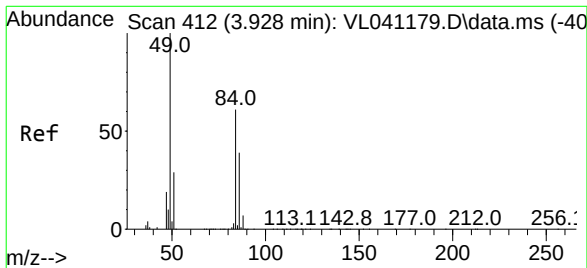
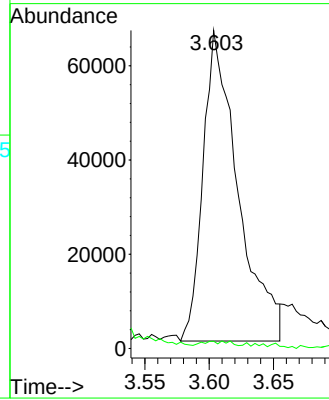
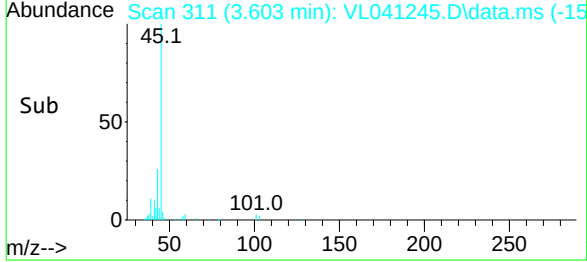
Instrument : MSVOA_L
ClientSampleId : BA-03-SS02-20240425DL



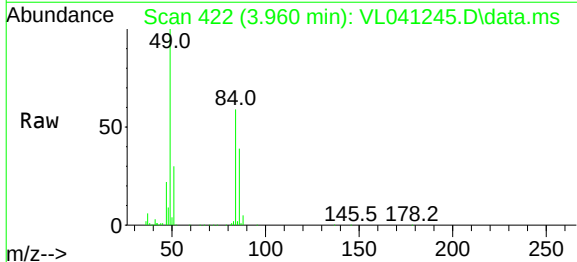
Tgt Ion: 45 Resp: 124910
Ion Ratio Lower Upper
45 100
58 2.2 26.8 40.2

Manual Integrations
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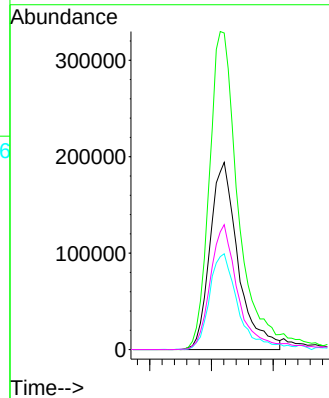
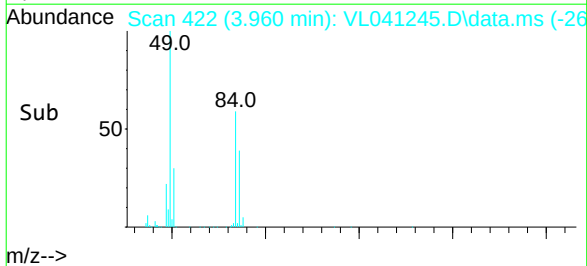
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

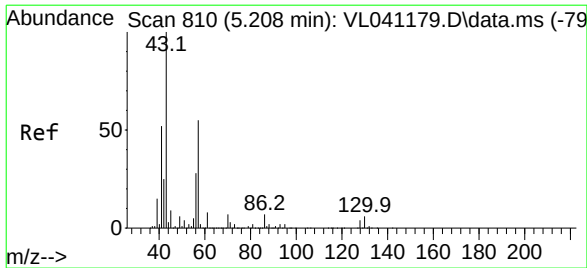


#20
Methylene Chloride
Concen: 9.329 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.010 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51



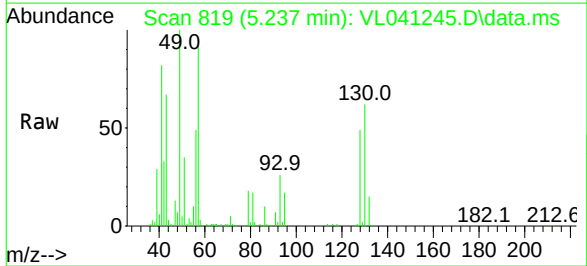
Tgt Ion: 84 Resp: 307658
Ion Ratio Lower Upper
84 100
49 169.1 130.4 195.6
51 51.0 38.0 57.0
86 66.5 50.3 75.5





#26
Hexane
Concen: 2.705 ppbv
RT: 5.237 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

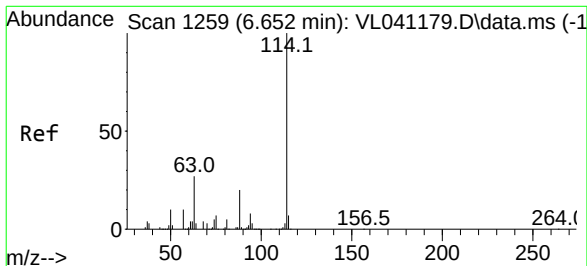
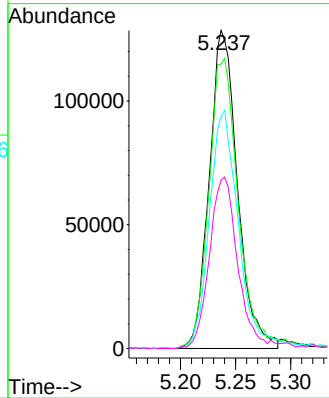
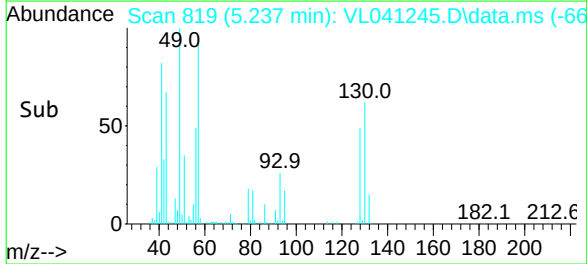
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DL



Tgt Ion: 57 Resp: 228492
Ion Ratio Lower Upper
57 100
41 97.3 75.8 113.8
43 79.0 187.0 280.4#
56 55.1 42.7 64.1

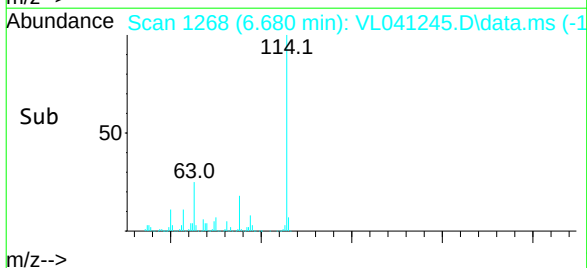
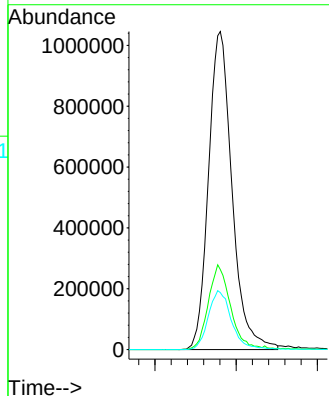
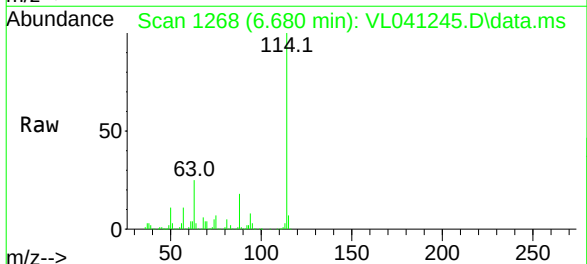
Manual Integrations
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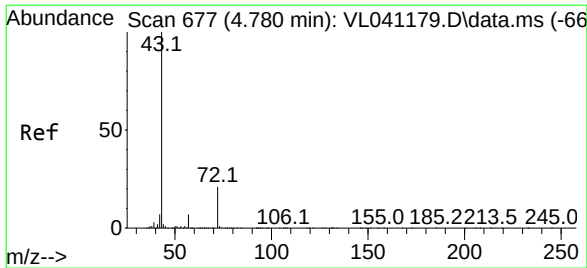
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.680 min Scan# 1268
Delta R.T. 0.006 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

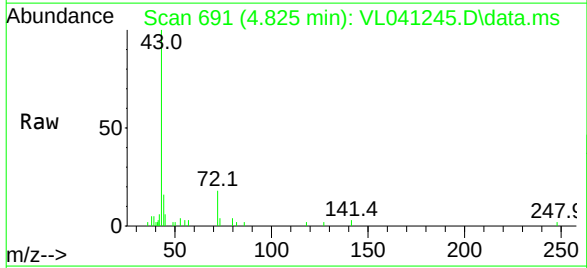
Tgt Ion:114 Resp: 2101899
Ion Ratio Lower Upper
114 100
63 25.8 21.8 32.6
88 18.5 15.2 22.8





#34
2-Butanone
Concen: 0.184 ppbv m
RT: 4.825 min Scan# 69
Delta R.T. 0.022 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

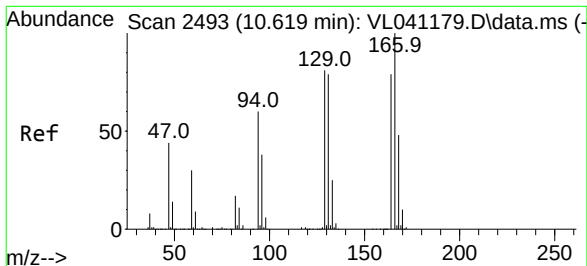
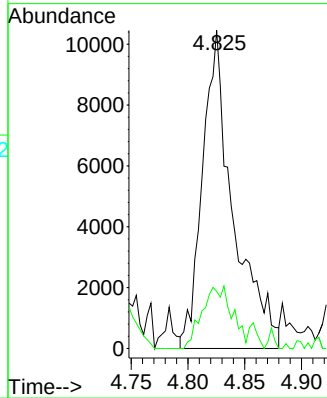
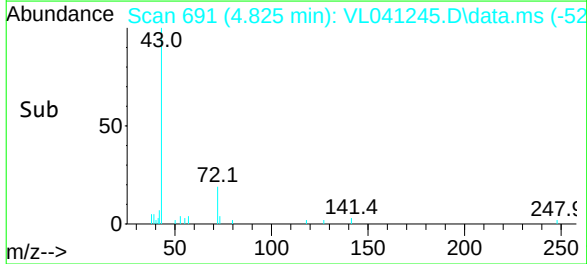
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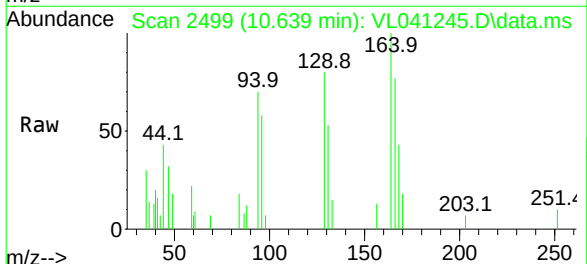
Tgt Ion: 43 Resp: 19724
Ion Ratio Lower Upper
43 100
72 22.5 17.3 25.9

Manual Integrations
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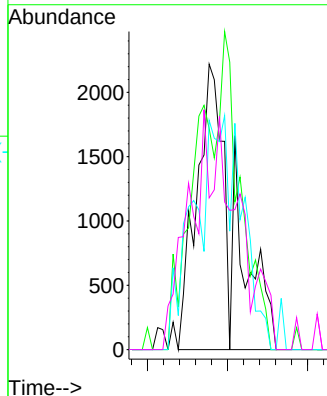
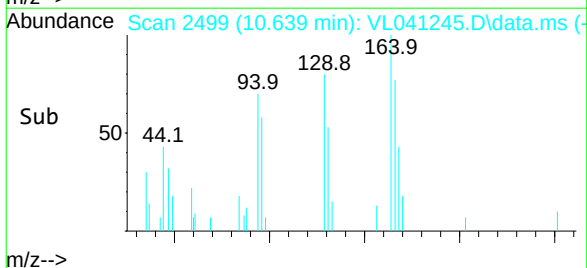
Reviewed By :Semsettin Yesilyurt 05/09/2024
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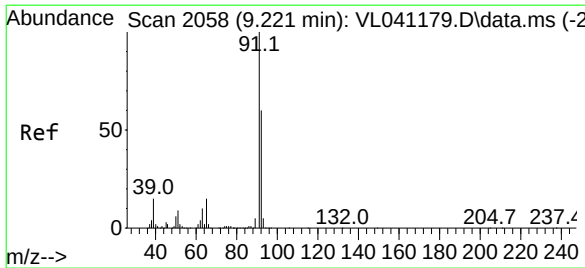


#52
Tetrachloroethene
Concen: 0.057 ppbv m
RT: 10.639 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51



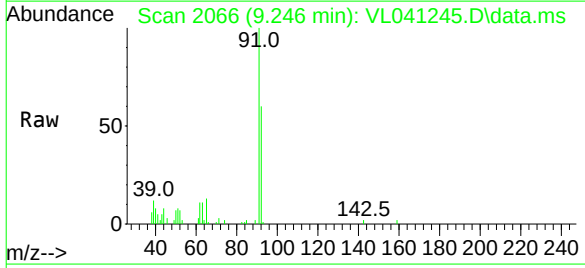
Tgt Ion:164 Resp: 3543
Ion Ratio Lower Upper
164 100
166 77.4 101.1 151.7#
129 80.3 81.7 122.5#
131 53.1 80.4 120.6#





#53
Toluene
Concen: 0.131 ppbv m
RT: 9.246 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51

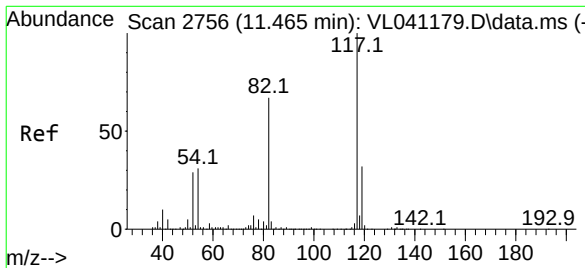
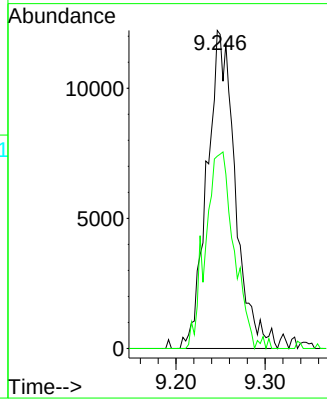
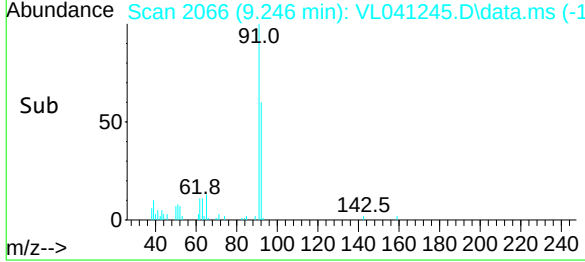
Instrument : MSVOA_L
ClientSampleId : BA-03-SS02-20240425DL



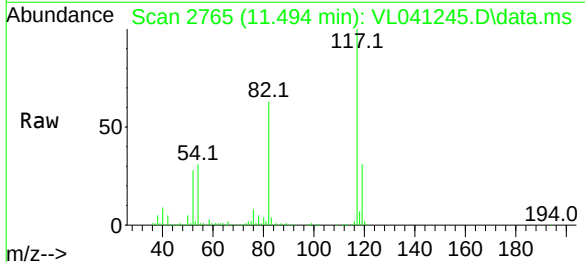
Tgt Ion: 91 Resp: 26855
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

Manual Integrations
APPROVED

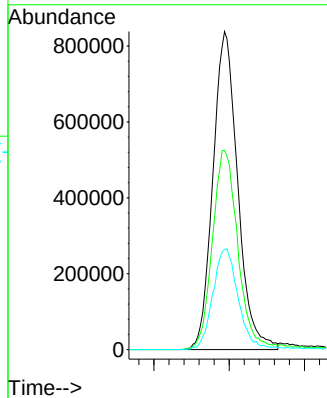
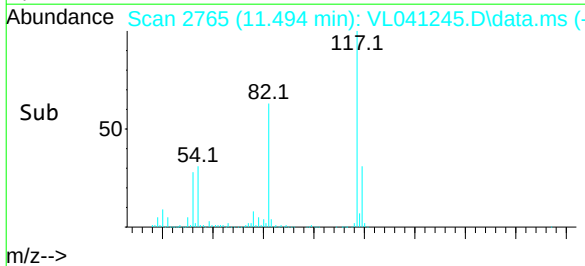
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



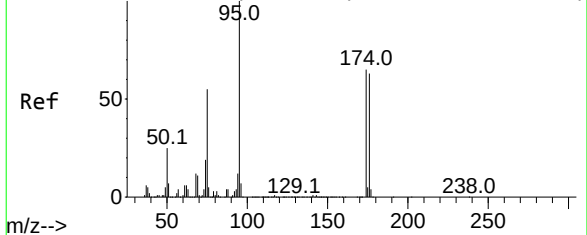
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VL041245.D
Acq: 8 May 2024 15:51



Tgt Ion:117 Resp: 1917809
Ion Ratio Lower Upper
117 100
82 66.2 53.6 80.4
119 33.1 27.2 40.8



Abundance Scan 3475 (13.777 min): VL041179.D\data.ms (-



#68

1-Bromo-4-Fluorobenzene

Concen: 9.997 ppbv

RT: 13.806 min Scan# 34

Delta R.T. 0.010 min

Lab File: VL041245.D

Acq: 8 May 2024 15:51

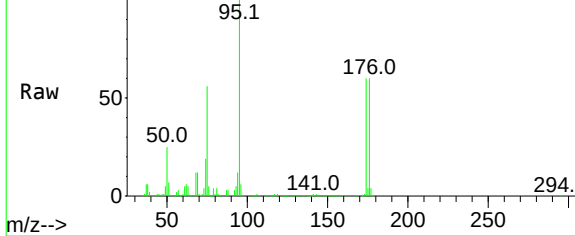
Instrument :

MSVOA_L

ClientSampleId :

BA-03-SS02-20240425DL

Abundance Scan 3484 (13.806 min): VL041245.D\data.ms (-



Tgt Ion: 95 Resp: 1447366

Ion Ratio Lower Upper

95 100

174 67.0 53.6 80.4

175 4.7 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024

Abundance Scan 3484 (13.806 min): VL041245.D\data.ms (-

