

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041246.D
 Acq On : 8 May 2024 16:31
 Operator : SY/MD
 Sample : P2334-05DL DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 09 02:51:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.218	49	762898	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2038084	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	1912059	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1474999	10.218	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.751	85	16090m	0.156	ppbv	
4) Chloromethane	2.835	50	6724	0.148	ppbv #	86
9) Propene	2.729	41	19584	0.432	ppbv #	79
13) Ethanol	3.269	45	280729m	27.618	ppbv	
15) Acetone	3.497	43	214484	2.382	ppbv	99
19) Isopropyl Alcohol	3.607	45	119915	2.030	ppbv #	48
20) Methylene Chloride	3.957	84	389026	12.425	ppbv	96
26) Hexane	5.240	57	254937	3.179	ppbv #	43
34) 2-Butanone	4.829	43	20188m	0.195	ppbv	
52) Tetrachloroethene	10.648	164	4263m	0.071	ppbv	
53) Toluene	9.246	91	28473m	0.144	ppbv	

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

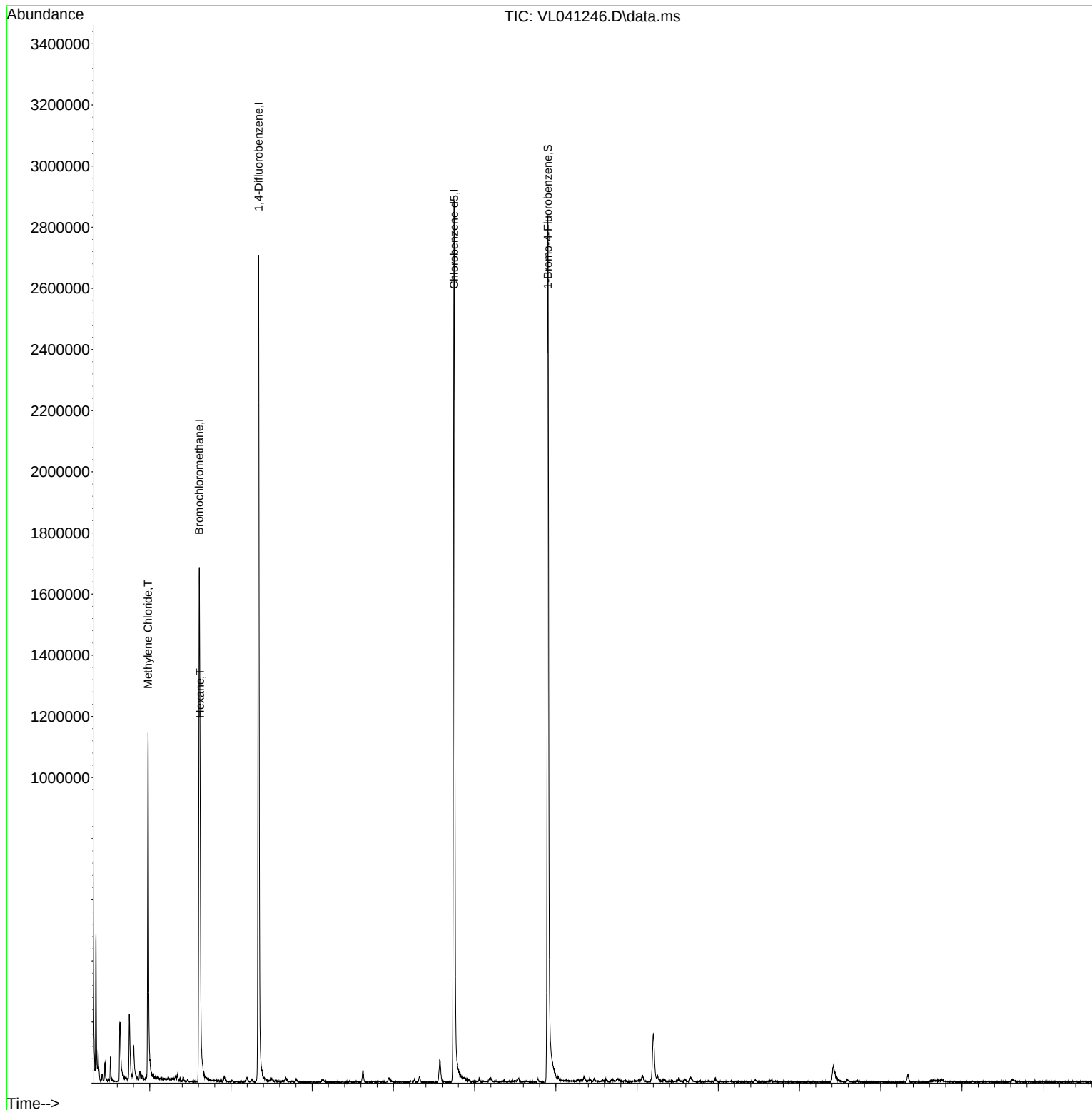
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
Data File : VL041246.D
Acq On : 8 May 2024 16:31
Operator : SY/MD
Sample : P2334-05DLDUP 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

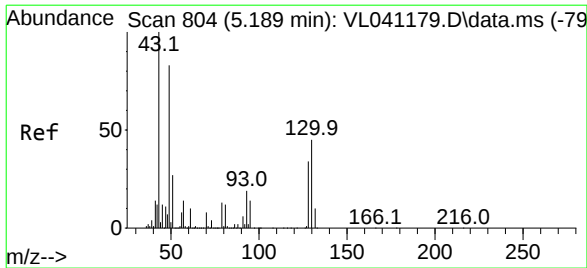
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DLDUP

Quant Time: May 09 02:51:47 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

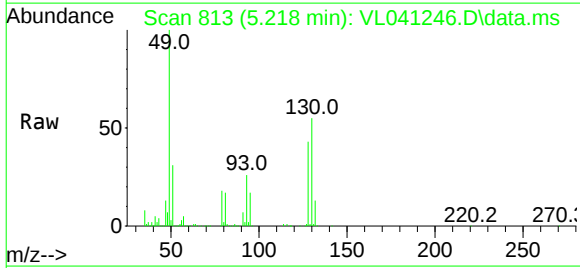
Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

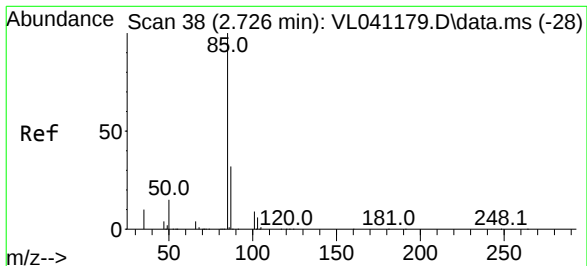
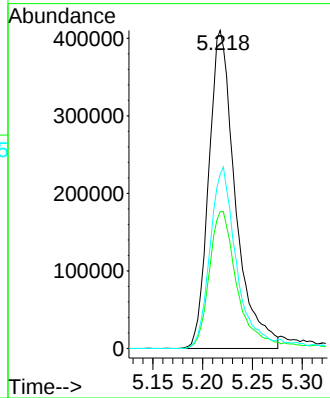
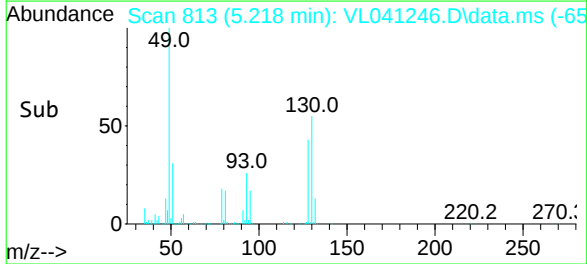
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DLDP



Tgt Ion: 49 Resp: 762898
Ion Ratio Lower Upper
49 100
128 46.9 21.5 64.5
130 60.5 27.2 81.6

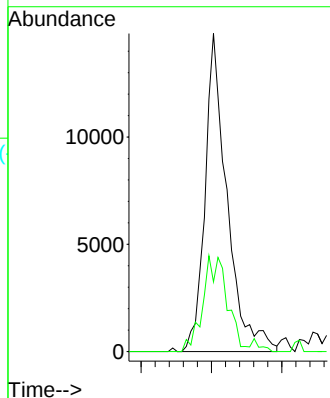
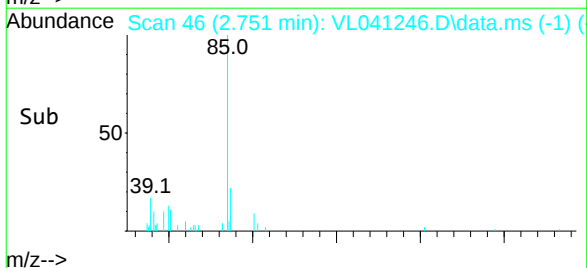
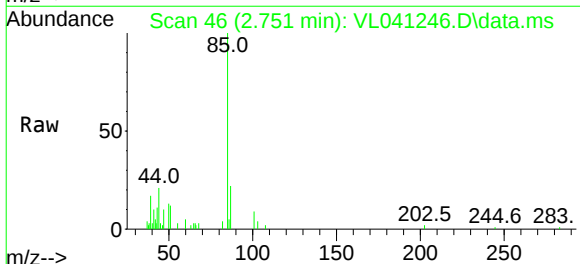
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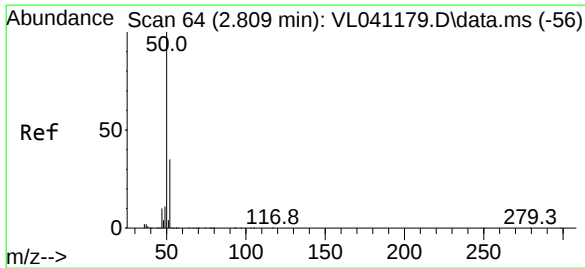
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 0.156 ppbv m
RT: 2.751 min Scan# 46
Delta R.T. 0.006 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

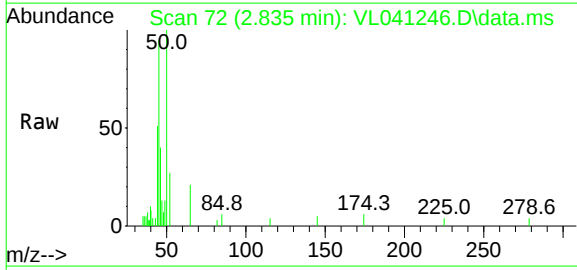
Tgt Ion: 85 Resp: 16090
Ion Ratio Lower Upper
85 100
87 21.9 25.7 38.5#





#4
Chloromethane
Concen: 0.148 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

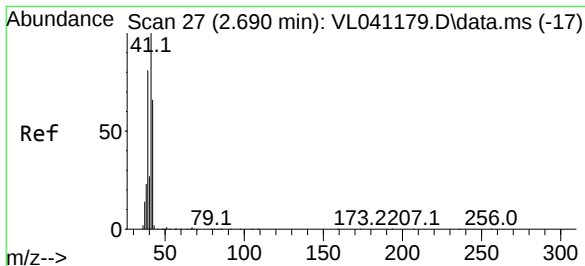
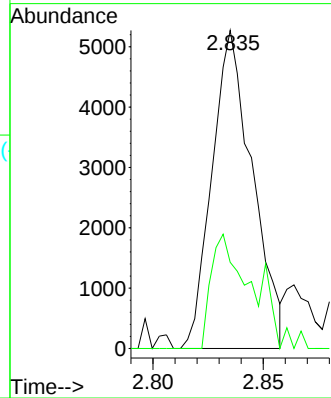
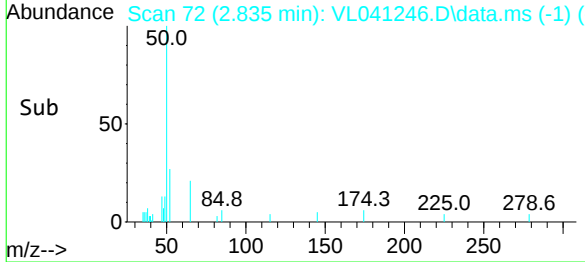
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DLDUP



Tgt Ion: 50 Resp: 6724
Ion Ratio Lower Upper
50 100
52 27.1 28.3 42.5#

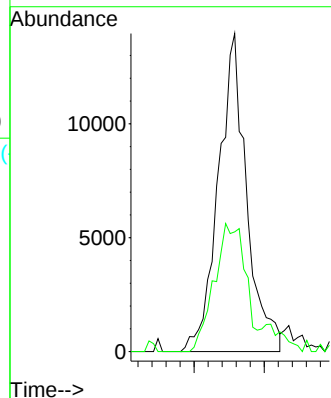
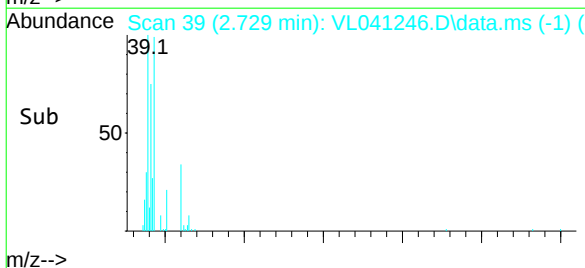
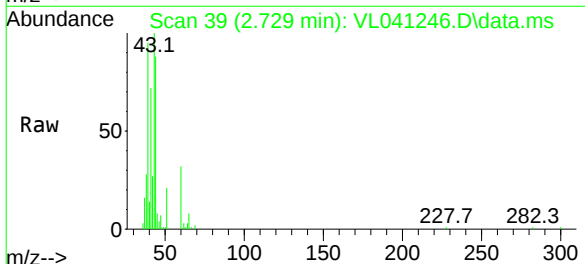
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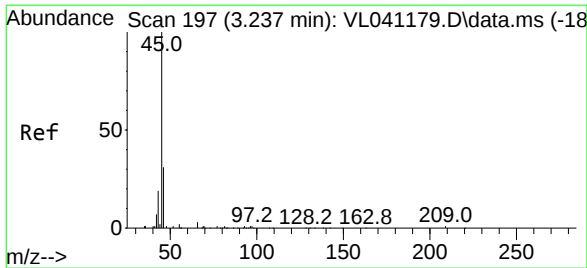
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#9
Propene
Concen: 0.432 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.019 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

Tgt Ion: 41 Resp: 19584
Ion Ratio Lower Upper
41 100
42 52.0 55.3 82.9#





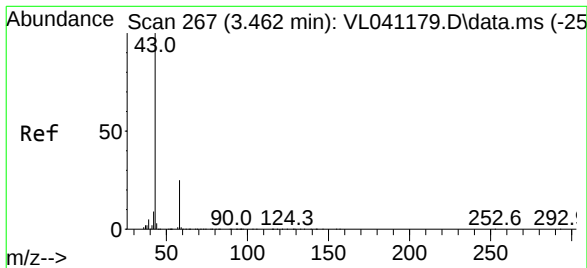
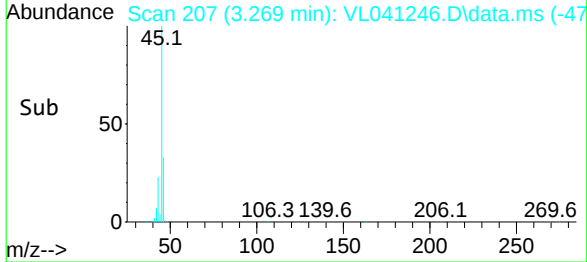
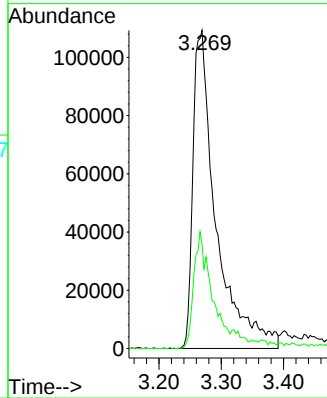
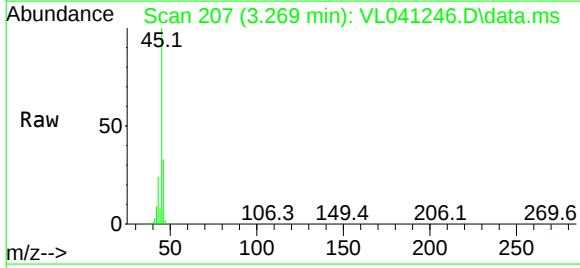
#13
Ethanol
Concen: 27.618 ppbv m
RT: 3.269 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

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

Tgt Ion: 45 Resp: 280729
Ion Ratio Lower Upper
45 100
46 34.5 14.8 59.0

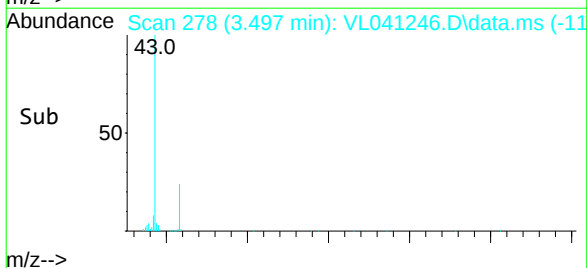
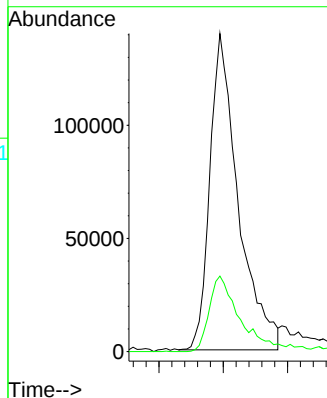
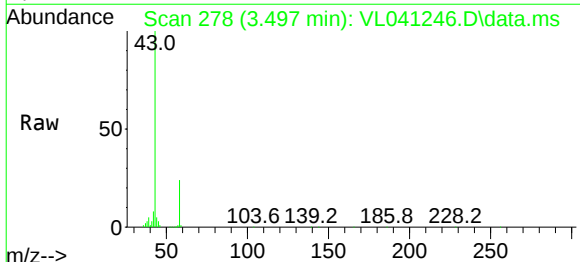
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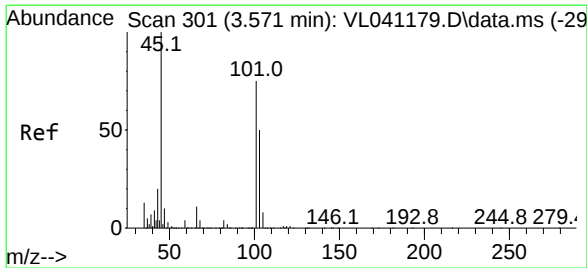
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#15
Acetone
Concen: 2.382 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.013 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

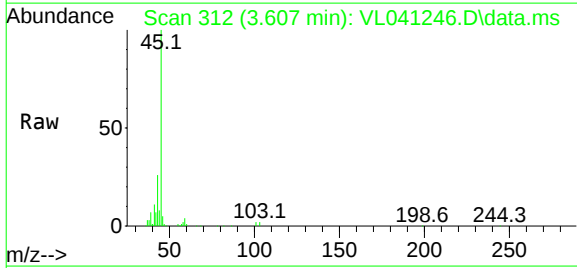
Tgt Ion: 43 Resp: 214484
Ion Ratio Lower Upper
43 100
58 27.4 21.4 32.0





#19
Isopropyl Alcohol
Concen: 2.030 ppbv
RT: 3.607 min Scan# 311
Delta R.T. 0.016 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

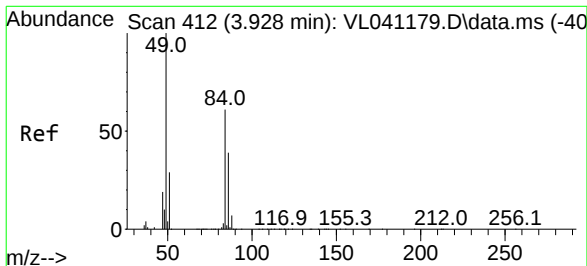
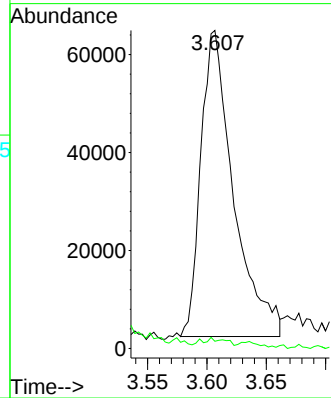
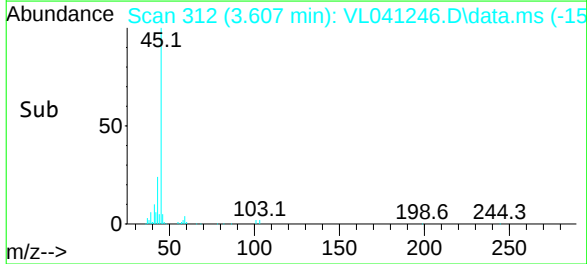
Instrument : MSVOA_L
ClientSampleId : BA-03-SS02-20240425DLDP



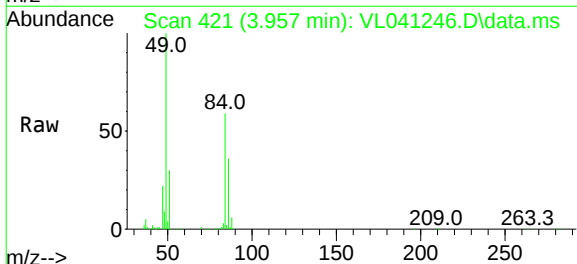
Tgt Ion: 45 Resp: 119915
Ion Ratio Lower Upper
45 100
58 3.8 26.8 40.2#

Manual Integrations
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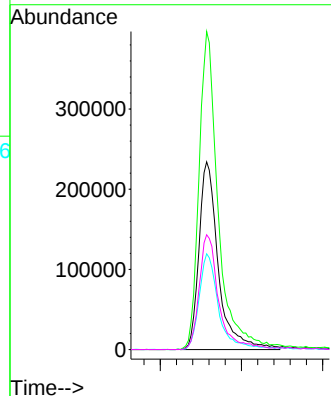
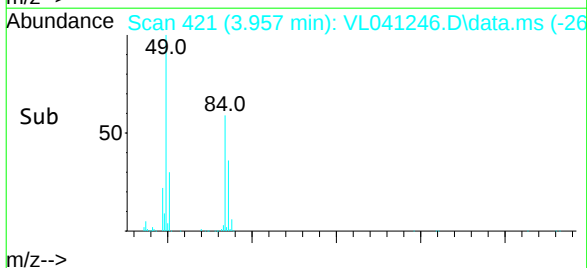
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Supervised By :Mahesh Dadoda 05/09/2024

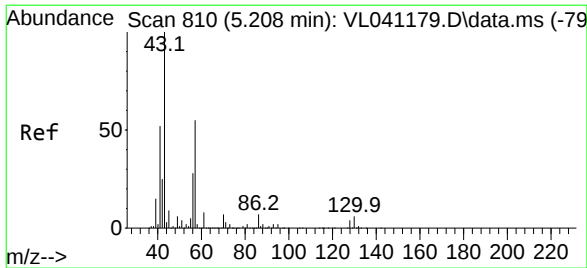


#20
Methylene Chloride
Concen: 12.425 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31



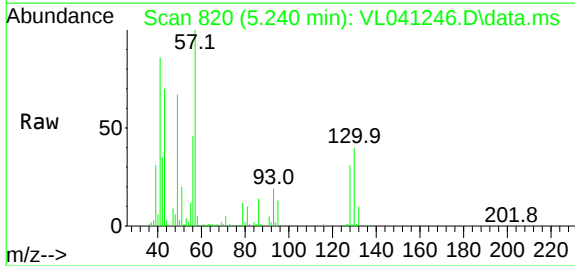
Tgt Ion: 84 Resp: 389026
Ion Ratio Lower Upper
84 100
49 169.3 130.4 195.6
51 51.0 38.0 57.0
86 61.1 50.3 75.5





#26
Hexane
Concen: 3.179 ppbv
RT: 5.240 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

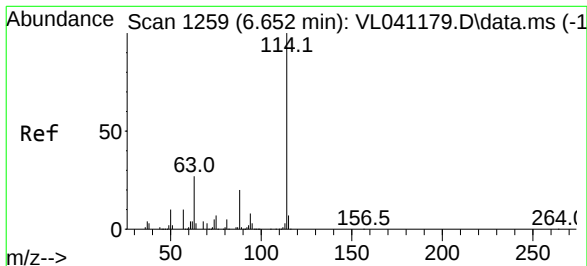
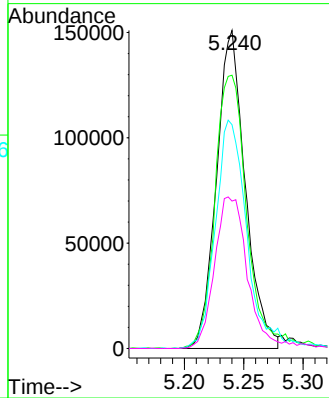
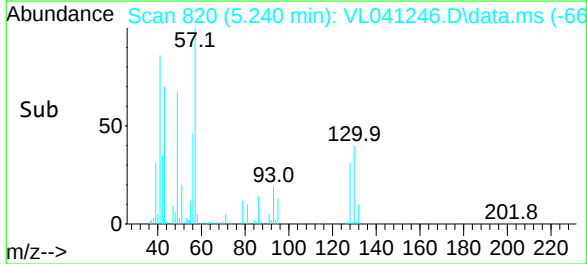
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS02-20240425DLDP



Tgt Ion: 57 Resp: 254937
Ion Ratio Lower Upper
57 100
41 96.6 75.8 113.8
43 79.8 187.0 280.4#
56 55.6 42.7 64.1

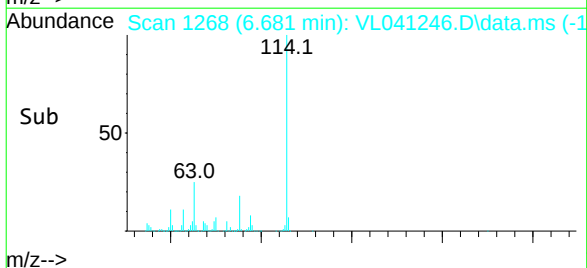
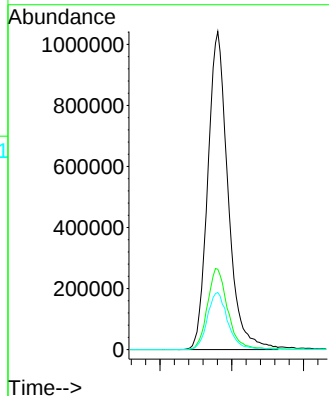
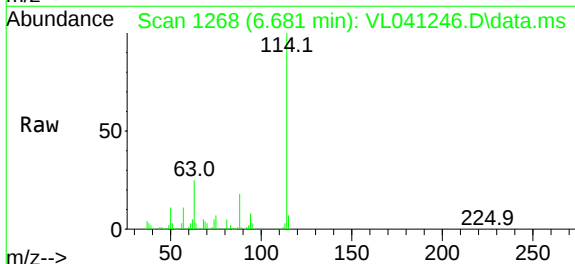
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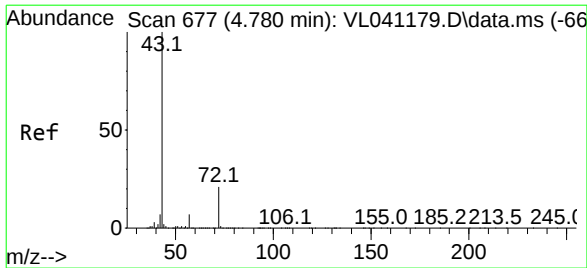
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1268
Delta R.T. 0.006 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

Tgt Ion:114 Resp: 2038084
Ion Ratio Lower Upper
114 100
63 25.7 21.8 32.6
88 18.4 15.2 22.8





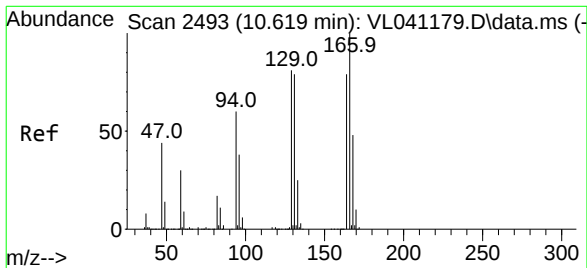
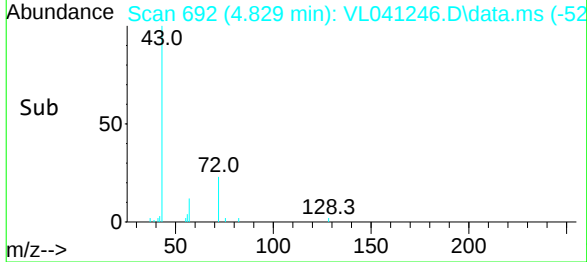
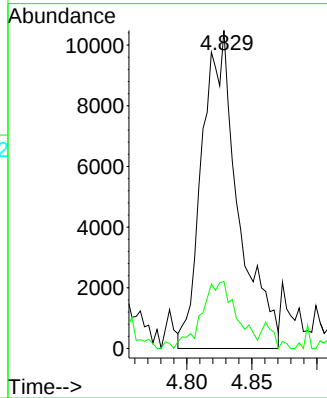
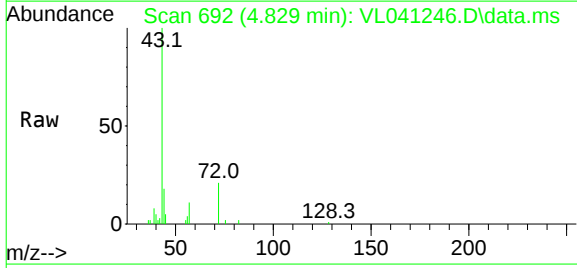
#34
2-Butanone
Concen: 0.195 ppbv m
RT: 4.829 min Scan# 69
Delta R.T. 0.026 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

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

Tgt Ion: 43 Resp: 20188
Ion Ratio Lower Upper
43 100
72 5.7 17.3 25.9#

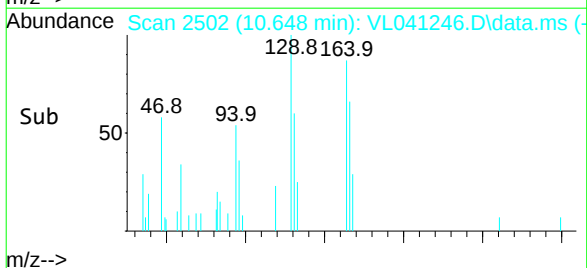
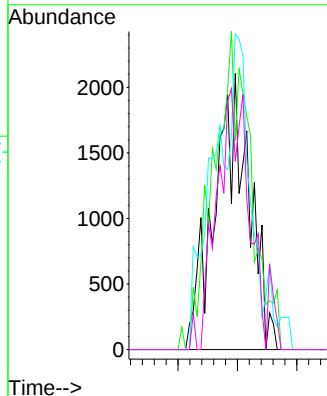
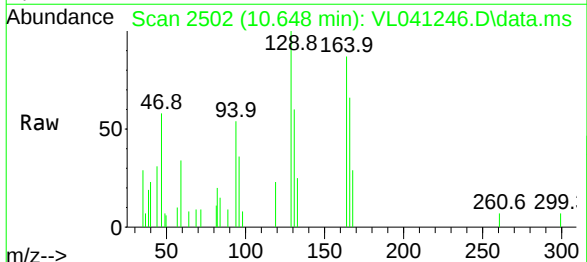
Manual Integrations
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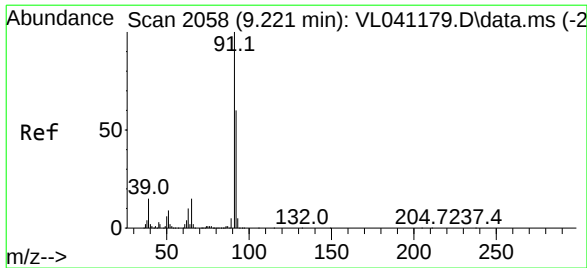
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#52
Tetrachloroethene
Concen: 0.071 ppbv m
RT: 10.648 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

Tgt Ion:164 Resp: 4263
Ion Ratio Lower Upper
164 100
166 75.7 101.1 151.7#
129 114.3 81.7 122.5
131 68.2 80.4 120.6#





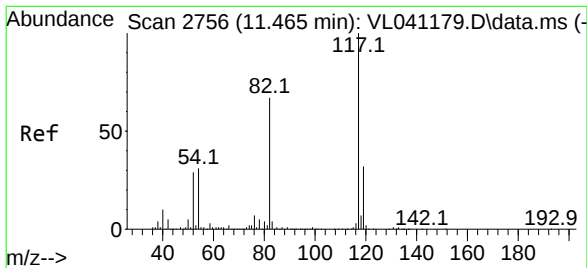
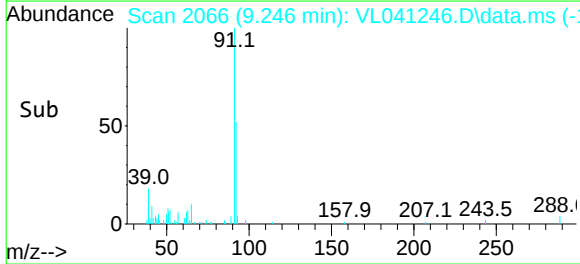
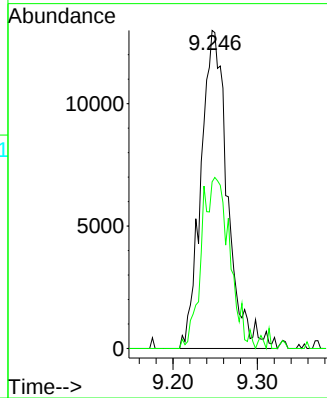
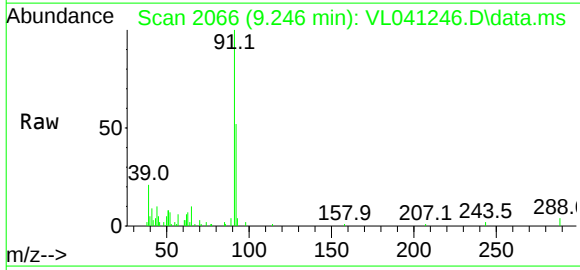
#53
Toluene
Concen: 0.144 ppbv m
RT: 9.246 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

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

Tgt Ion: 91 Resp: 28473
Ion Ratio Lower Upper
91 100
92 57.0 48.2 72.4

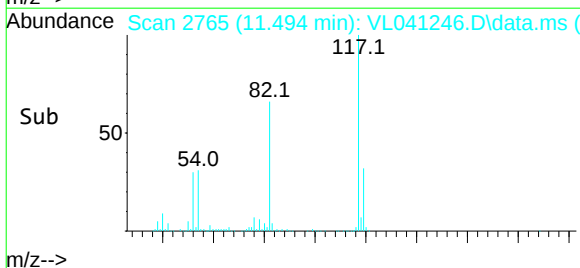
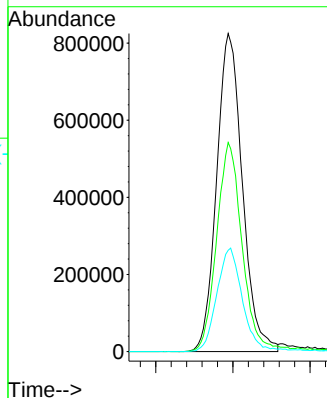
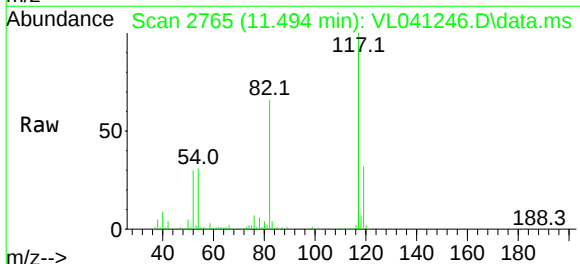
Manual Integrations
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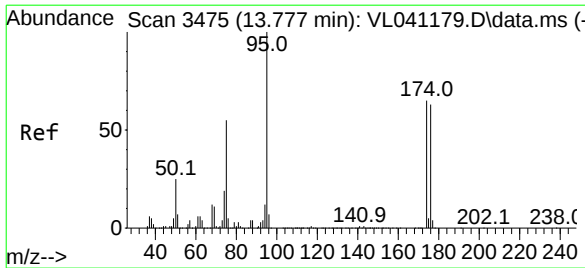
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

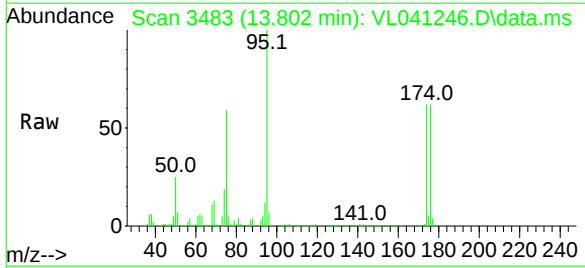
Tgt Ion:117 Resp: 1912059
Ion Ratio Lower Upper
117 100
82 66.2 53.6 80.4
119 33.2 27.2 40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.218 ppbv
RT: 13.802 min Scan# 3475
Delta R.T. 0.006 min
Lab File: VL041246.D
Acq: 8 May 2024 16:31

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



Tgt	Ion: 95	Resp: 1474999
Ion	Ratio	Lower Upper
95	100	
174	65.8	53.6 80.4
175	4.9	4.2 6.4

Manual Integrations
APPROVED

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

