

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041224.D
 Acq On : 6 May 2024 18:57
 Operator : SY/MD
 Sample : P2342-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 03-SS02DL

Manual Integrations
 APPROVED

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

Quant Time: May 07 05:27:01 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 : Tue May 07 05:19:44 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	910293	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2341907	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2149944	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1627687	10.028	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.745	85	16329	0.133	ppbv #	87
4) Chloromethane	2.829	50	7937	0.146	ppbv #	85
9) Propene	2.719	41	17237m	0.319	ppbv	
13) Ethanol	3.247	45	318659	26.273	ppbv	96
15) Acetone	3.481	43	464781	4.326	ppbv	98
19) Isopropyl Alcohol	3.587	45	496491	7.043	ppbv #	45
20) Methylene Chloride	3.947	84	44695m	1.196	ppbv	
26) Hexane	5.221	57	40200	0.420	ppbv #	54
38) Trichloroethene	7.301	130	2597m	0.035	ppbv	
52) Tetrachloroethene	10.632	164	3365m	0.049	ppbv	
53) Toluene	9.230	91	33295	0.146	ppbv	100

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

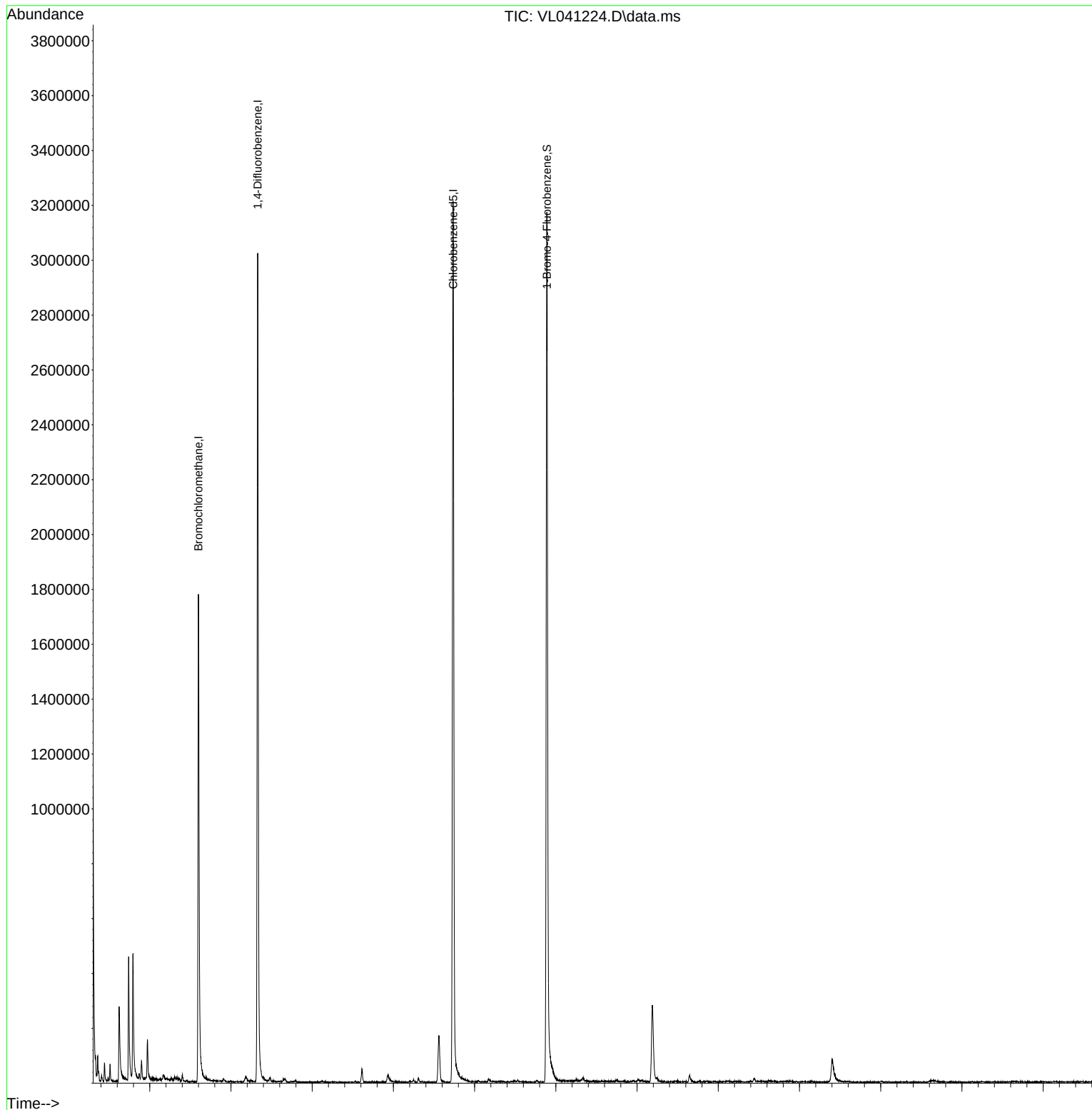
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041224.D
Acq On : 6 May 2024 18:57
Operator : SY/MD
Sample : P2342-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

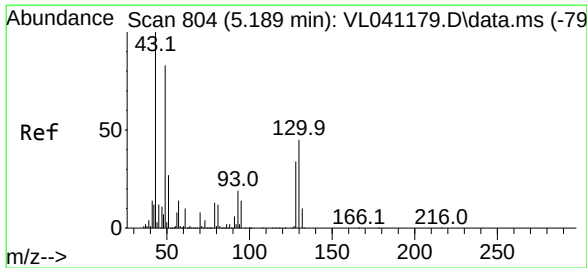
Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL

Quant Time: May 07 05:27:01 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 : Tue May 07 05:19:44 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

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





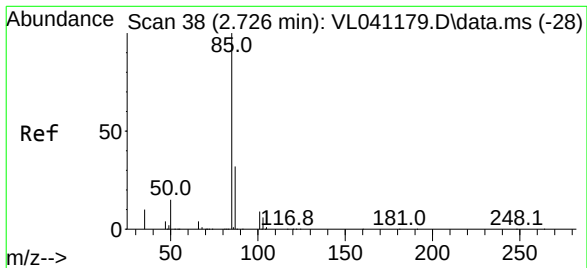
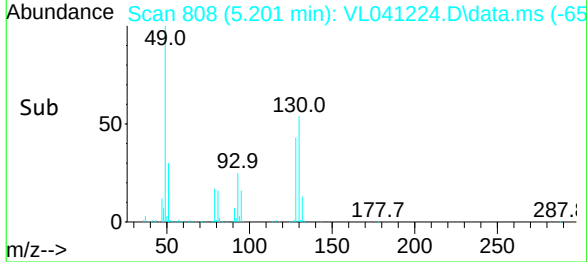
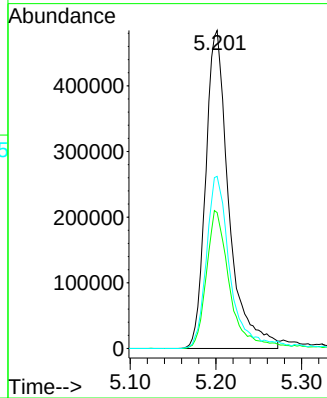
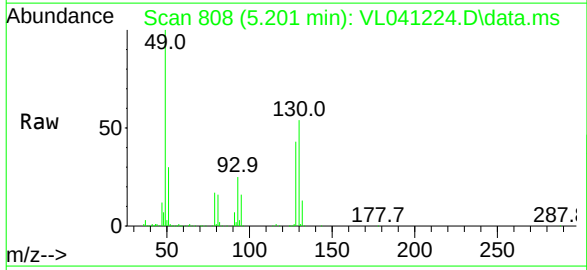
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL

Tgt Ion: 49 Resp: 910293
Ion Ratio Lower Upper
49 100
128 45.5 21.5 64.5
130 56.6 27.2 81.6

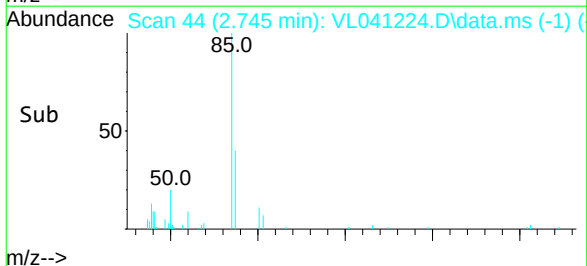
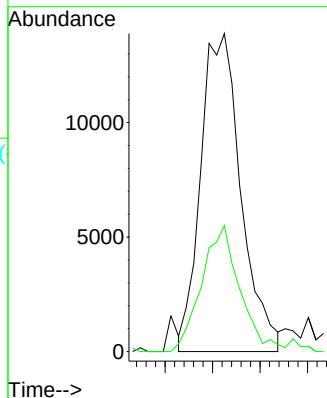
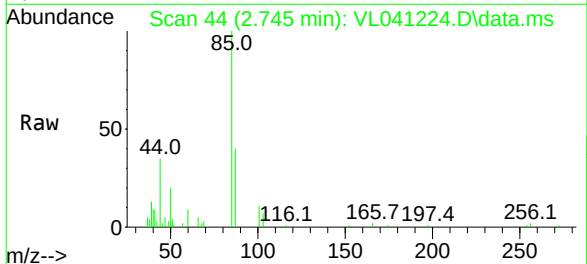
Manual Integrations
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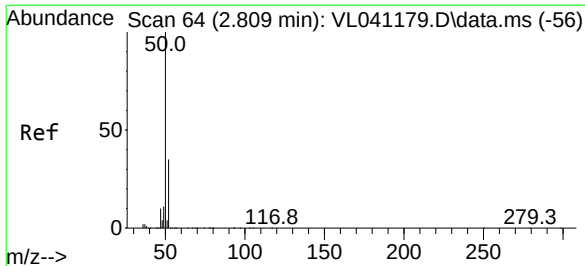
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 0.133 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

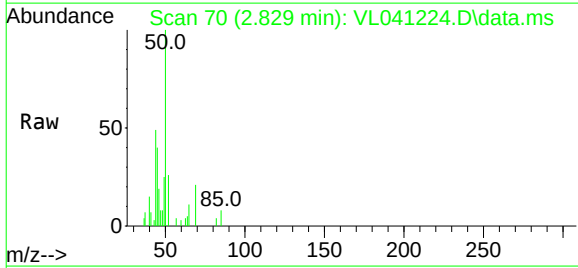
Tgt Ion: 85 Resp: 16329
Ion Ratio Lower Upper
85 100
87 39.3 25.7 38.5#





#4
Chloromethane
Concen: 0.146 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

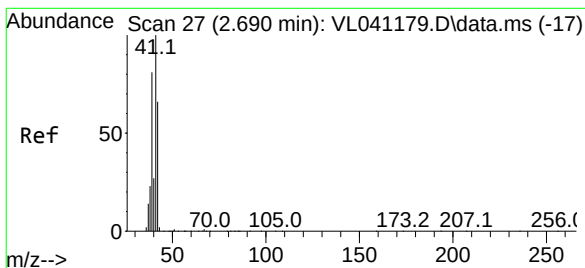
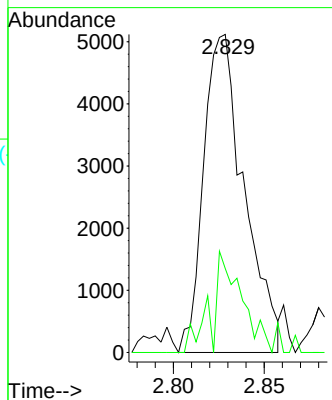
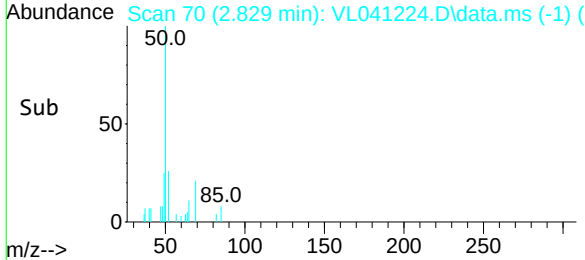
Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL



Tgt Ion: 50 Resp: 7937
Ion Ratio Lower Upper
50 100
52 26.4 28.3 42.5#

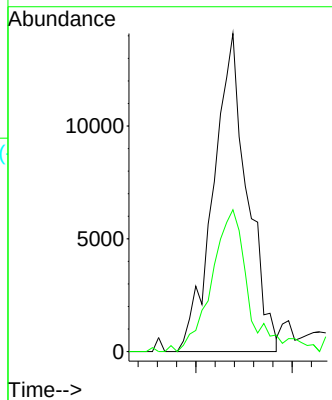
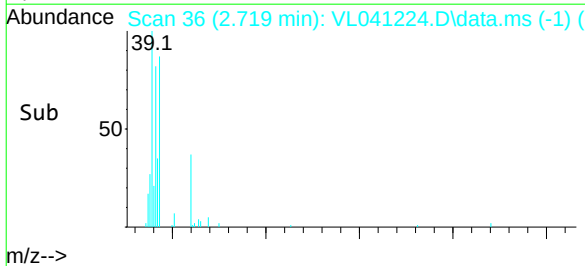
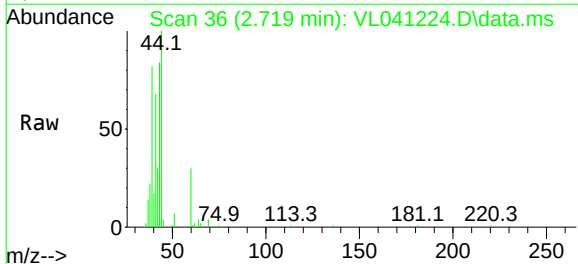
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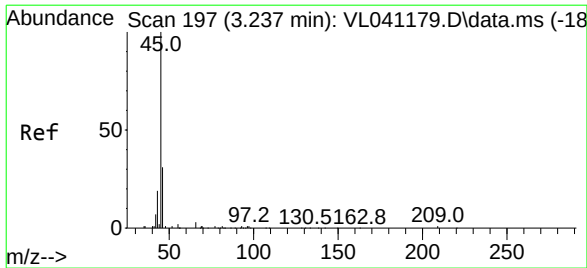
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#9
Propene
Concen: 0.319 ppbv m
RT: 2.719 min Scan# 36
Delta R.T. 0.016 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Tgt Ion: 41 Resp: 17237
Ion Ratio Lower Upper
41 100
42 53.3 55.3 82.9#





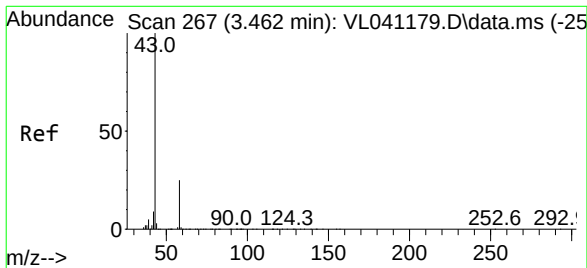
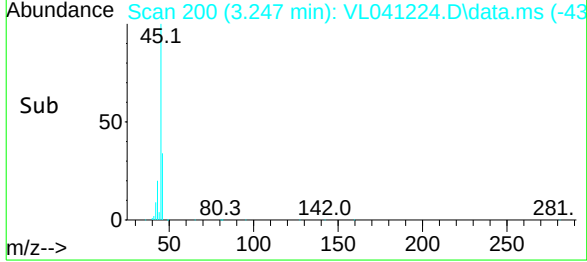
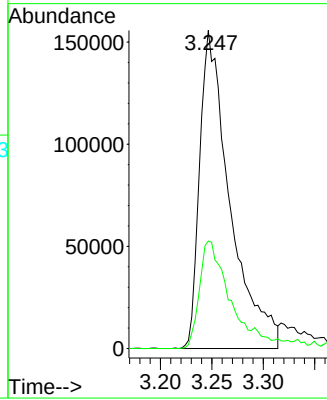
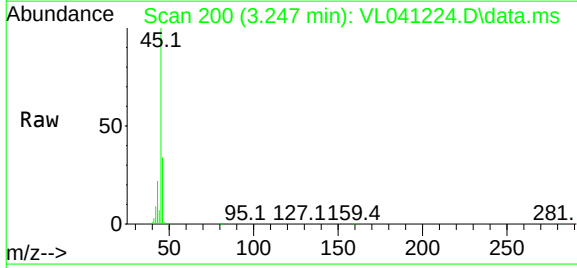
#13
Ethanol
Concen: 26.273 ppbv
RT: 3.247 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL

Tgt Ion: 45 Resp: 318659
Ion Ratio Lower Upper
45 100
46 39.1 14.8 59.0

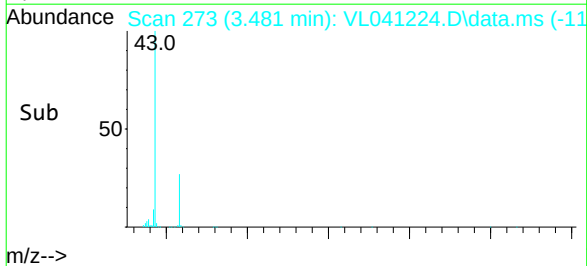
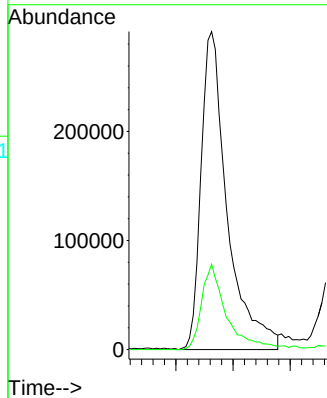
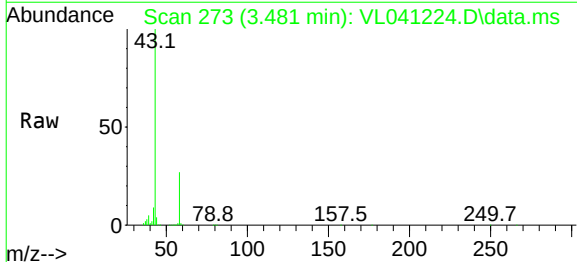
Manual Integrations
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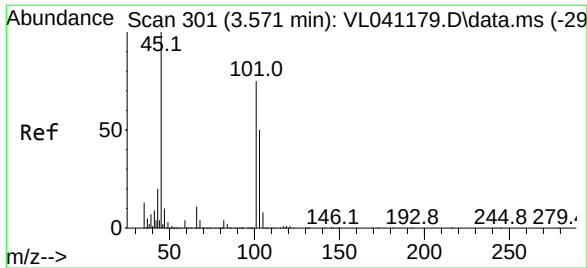
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#15
Acetone
Concen: 4.326 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Tgt Ion: 43 Resp: 464781
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.0





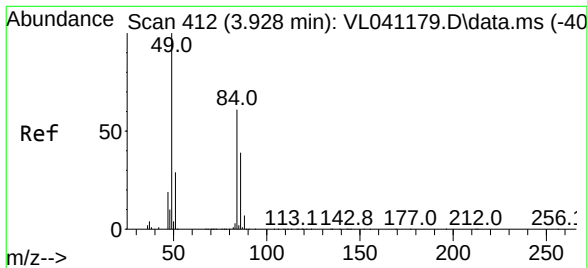
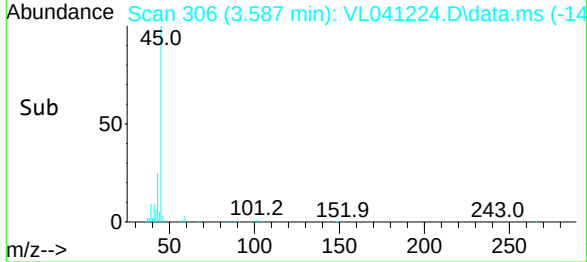
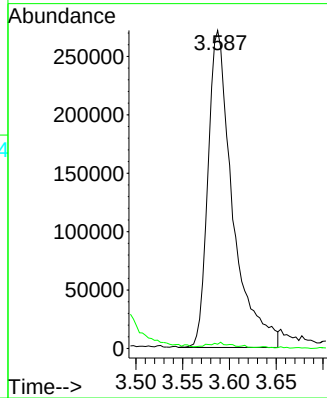
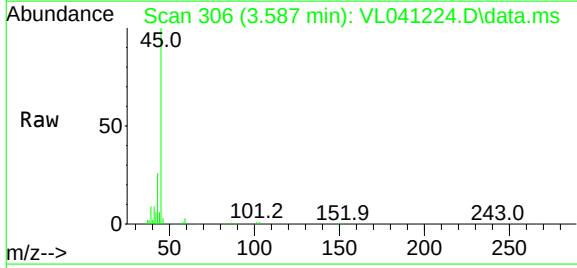
#19
Isopropyl Alcohol
Concen: 7.043 ppbv
RT: 3.587 min Scan# 301
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL

Tgt Ion: 45 Resp: 496491
Ion Ratio Lower Upper
45 100
58 2.4 26.8 40.2

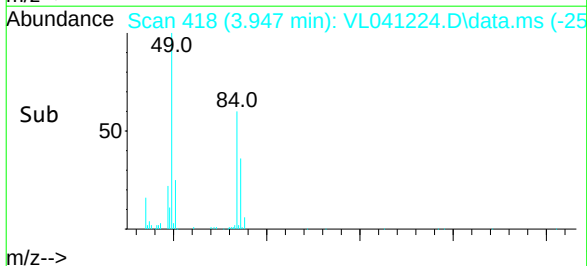
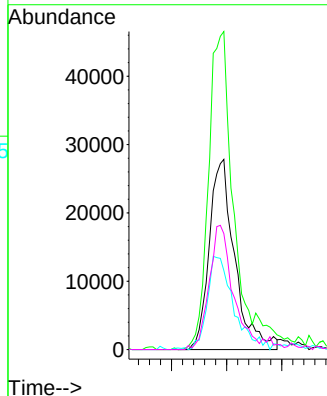
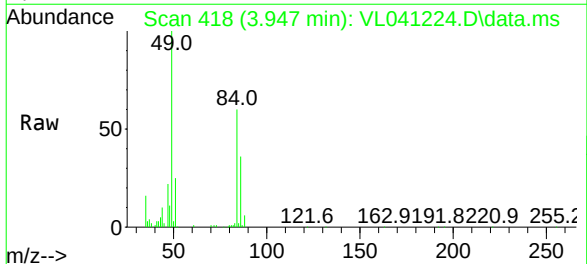
Manual Integrations
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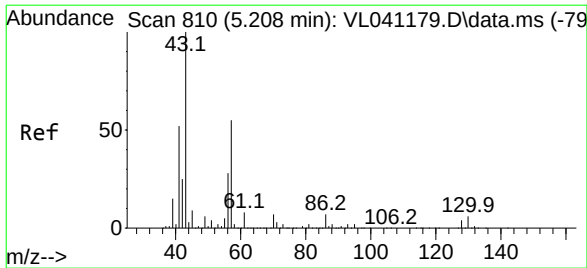
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#20
Methylene Chloride
Concen: 1.196 ppbv m
RT: 3.947 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

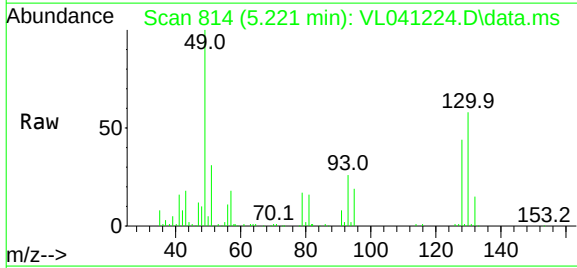
Tgt Ion: 84 Resp: 44695
Ion Ratio Lower Upper
84 100
49 167.2 130.4 195.6
51 41.5 38.0 57.0
86 60.9 50.3 75.5





#26
Hexane
Concen: 0.420 ppbv
RT: 5.221 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

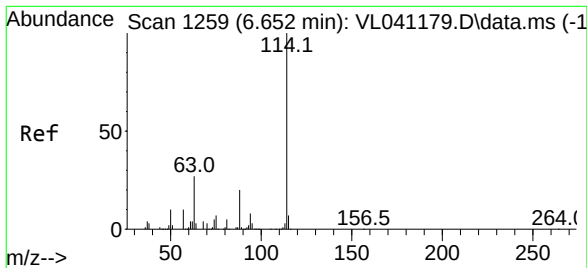
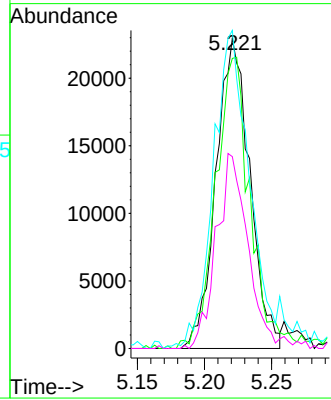
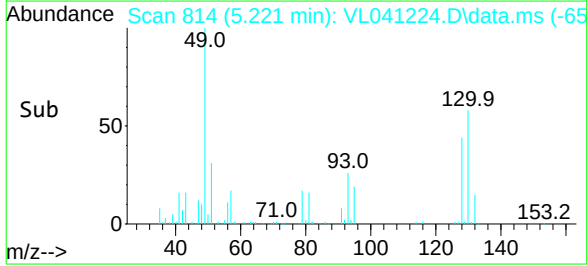
Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL



Tgt Ion: 57 Resp: 40200
Ion Ratio Lower Upper
57 100
41 98.1 75.8 113.8
43 114.1 187.0 280.4#
56 59.6 42.7 64.1

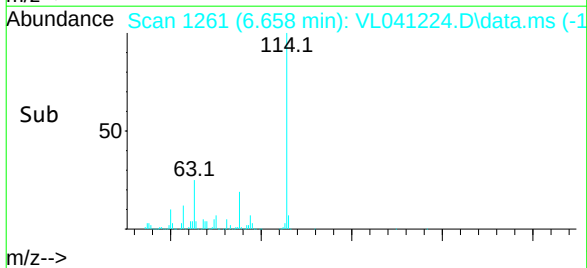
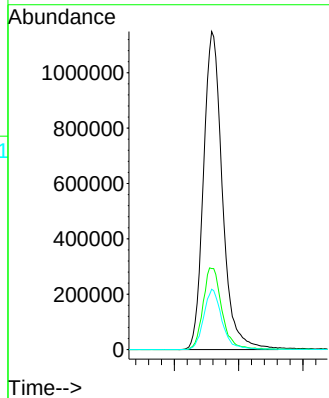
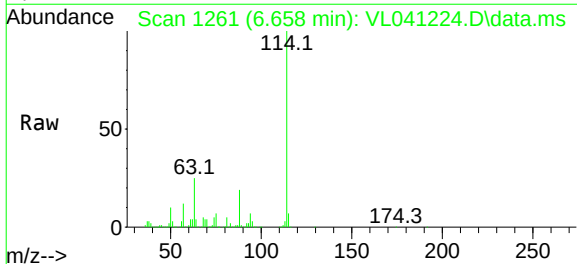
Manual Integrations
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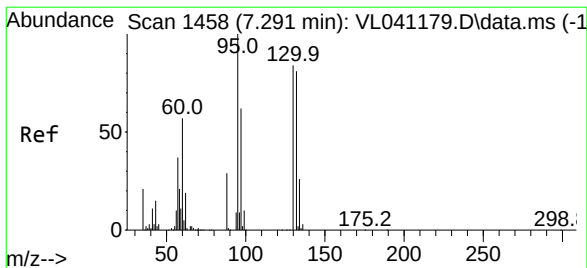
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Tgt Ion:114 Resp: 2341907
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.6
88 18.5 15.2 22.8





#38

Trichloroethene

Concen: 0.035 ppbv m

RT: 7.301 min Scan# 14

Delta R.T. 0.010 min

Lab File: VL041224.D

Acq: 6 May 2024 18:57

Instrument :

MSVOA_L

ClientSampleId :

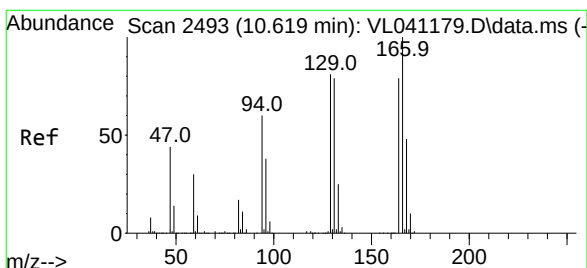
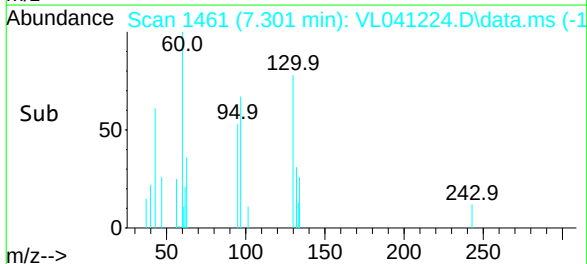
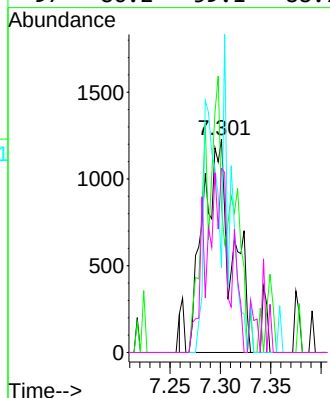
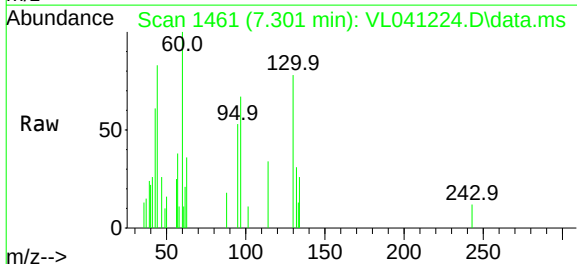
03-SS02DL

Tgt	Ion	Ratio	Lower	Upper
130	100			
95	68.2	95.0	142.6#	
132	39.7	77.0	115.4#	
97	86.2	59.1	88.7	

Manual Integrations

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



#52

Tetrachloroethene

Concen: 0.049 ppbv m

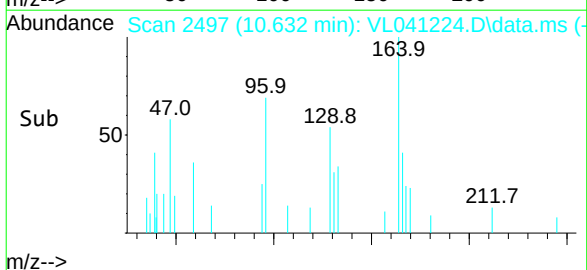
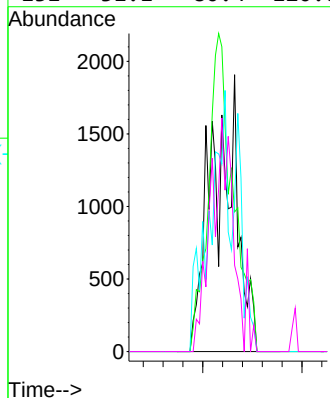
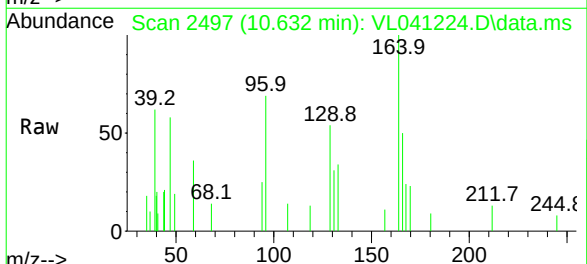
RT: 10.632 min Scan# 2497

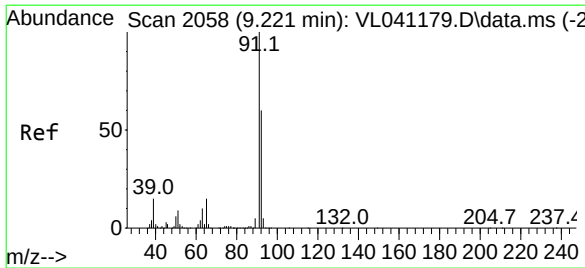
Delta R.T. 0.019 min

Lab File: VL041224.D

Acq: 6 May 2024 18:57

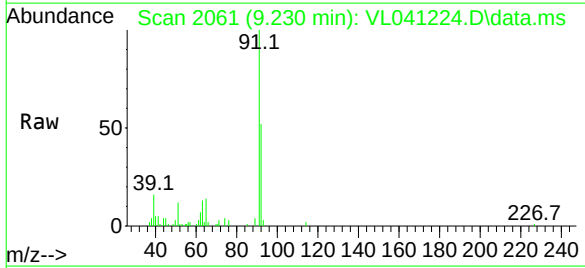
Tgt	Ion	Ratio	Lower	Upper
164	100			
166	50.5	101.1	151.7#	
129	54.5	81.7	122.5#	
131	31.1	80.4	120.6#	





#53
Toluene
Concen: 0.146 ppbv
RT: 9.230 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

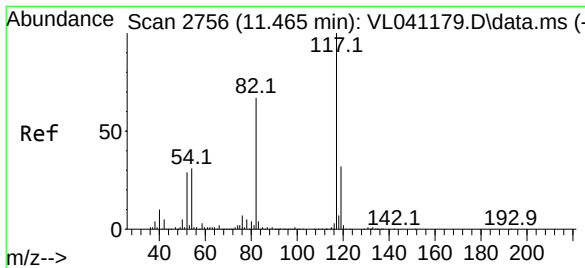
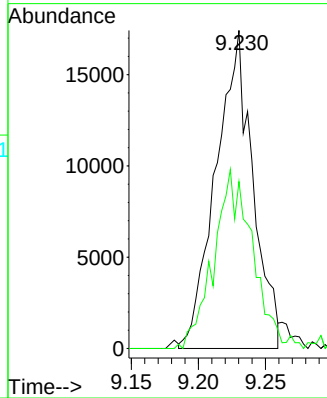
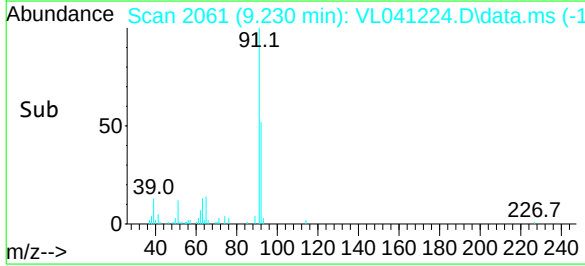
Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL



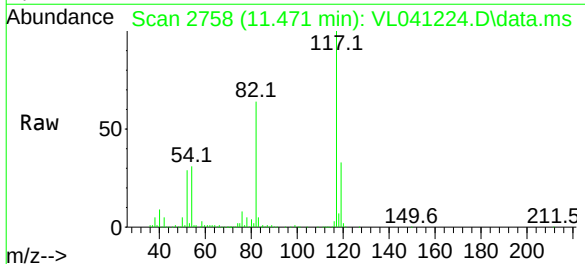
Tgt Ion: 91 Resp: 33295
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4

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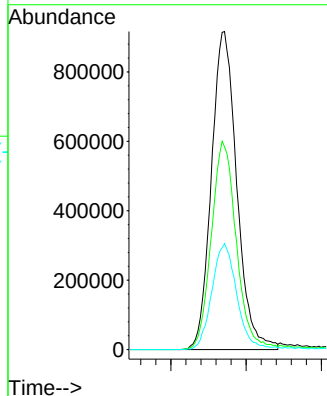
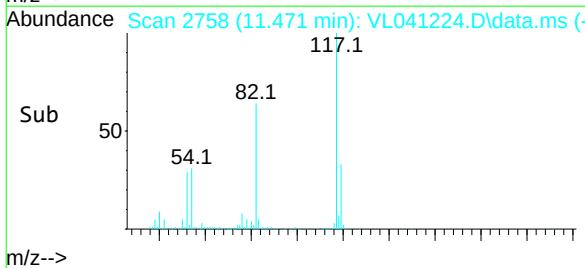
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

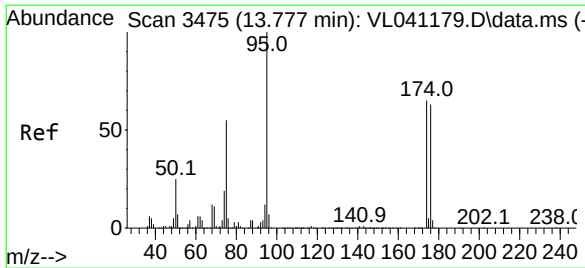


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57



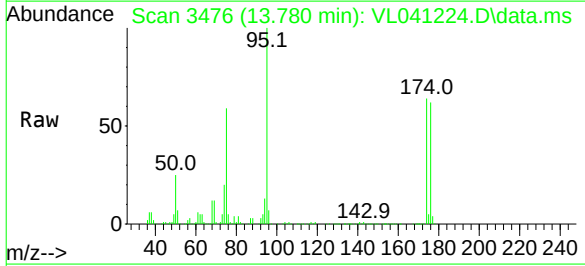
Tgt Ion:117 Resp: 2149944
Ion Ratio Lower Upper
117 100
82 66.2 53.6 80.4
119 33.7 27.2 40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 13.780 min Scan# 3475
Delta R.T. 0.007 min
Lab File: VL041224.D
Acq: 6 May 2024 18:57

Instrument :
MSVOA_L
ClientSampleId :
03-SS02DL



Tgt Ion: 95 Resp: 1627687

Ion	Ratio	Lower	Upper
95	100		
174	66.9	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

