

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041219.D
 Acq On : 6 May 2024 15:38
 Operator : SY/MD
 Sample : P2334-08DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-IA03-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024

Quant Time: May 07 05:25:01 2024

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.195	49	923240	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2406022	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2194694	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1704012	10.284	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.732	85	14992	0.120	ppbv	89
4) Chloromethane	2.816	50	12362m	0.225	ppbv	
9) Propene	2.706	41	30731	0.560	ppbv	93
13) Ethanol	3.240	45	296145	24.075	ppbv	97
15) Acetone	3.472	43	615680	5.651	ppbv	99
20) Methylene Chloride	3.938	84	99418	2.624	ppbv	98
26) Hexane	5.218	57	87374	0.900	ppbv #	44
53) Toluene	9.224	91	26572m	0.113	ppbv	

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

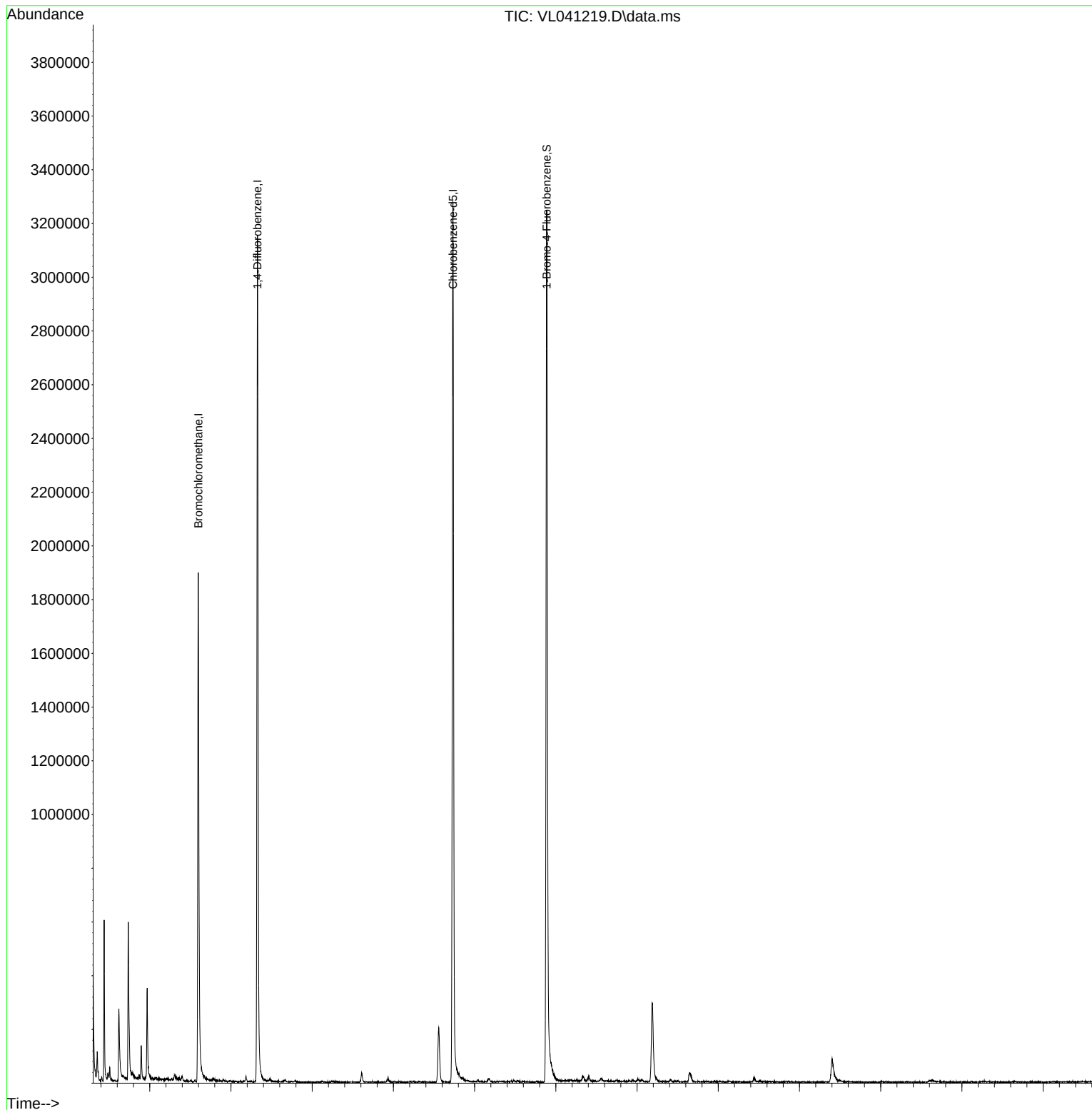
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041219.D
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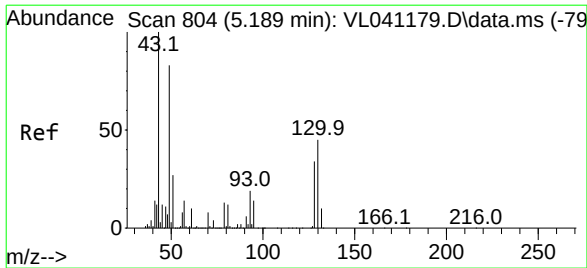
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA03-20240425DL

Quant Time: May 07 05:25:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Manual Integrations
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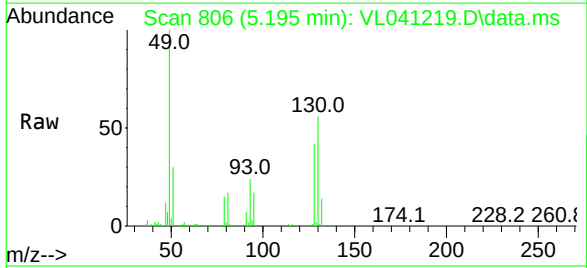
Reviewed By : Semsettin Yesilyurt 05/07/2024
Supervised By : Mahesh Dadoda 05/07/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

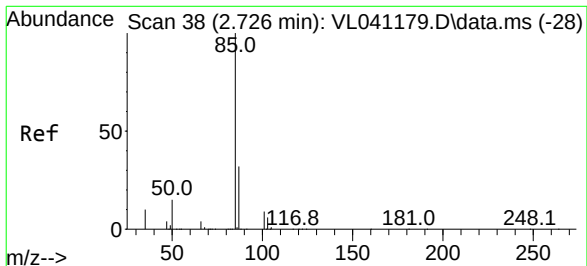
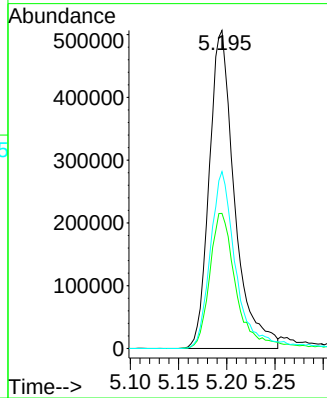
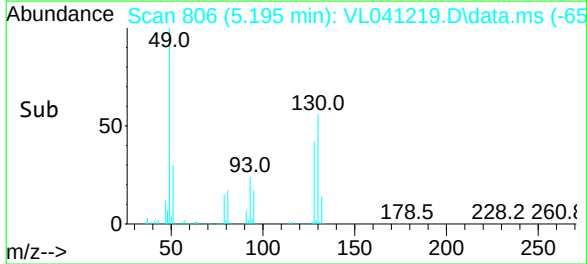
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA03-20240425DL



Tgt Ion: 49 Resp: 923240
Ion Ratio Lower Upper
49 100
128 45.5 21.5 64.5
130 58.2 27.2 81.6

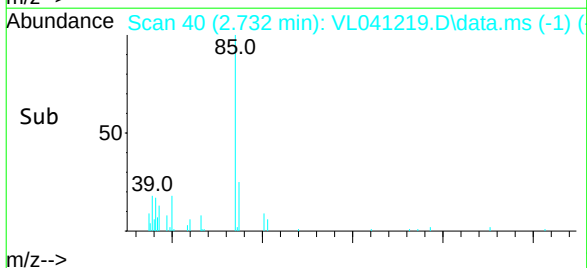
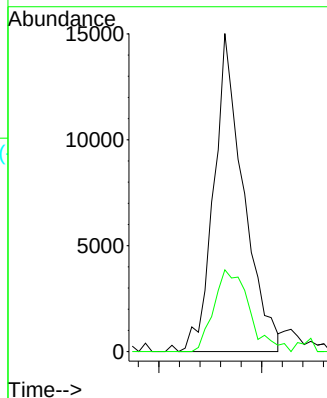
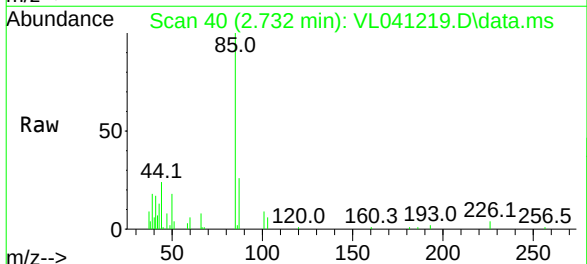
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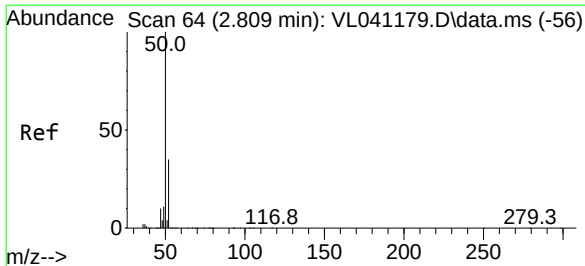
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#2
Dichlorodifluoromethane
Concen: 0.120 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.006 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

Tgt Ion: 85 Resp: 14992
Ion Ratio Lower Upper
85 100
87 25.7 25.7 38.5





#4

Chloromethane

Concen: 0.225 ppbv m

RT: 2.816 min Scan# 66

Delta R.T. -0.006 min

Lab File: VL041219.D

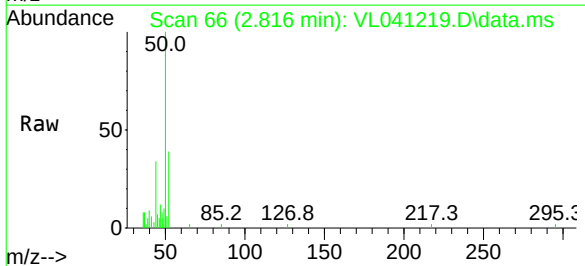
Acq: 6 May 2024 15:38

Instrument :

MSVOA_L

ClientSampleId :

BA-20-IA03-20240425DL



Tgt Ion: 50 Resp: 12362

Ion Ratio Lower Upper

50 100

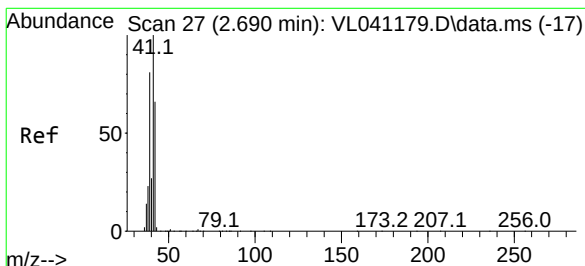
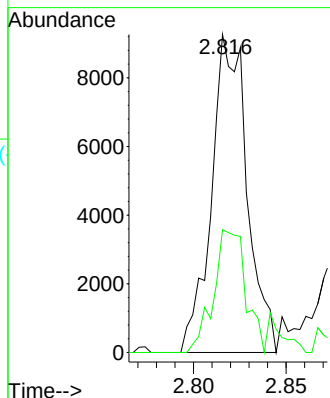
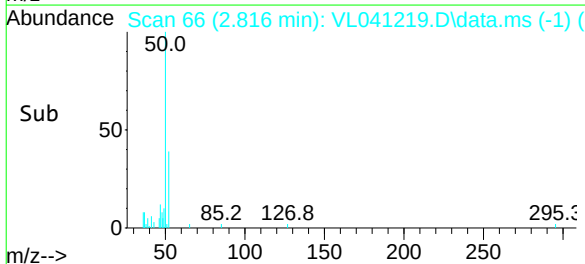
52 38.6 28.3 42.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#9

Propene

Concen: 0.560 ppbv

RT: 2.706 min Scan# 32

Delta R.T. 0.003 min

Lab File: VL041219.D

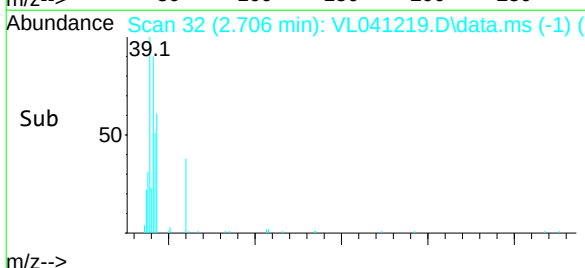
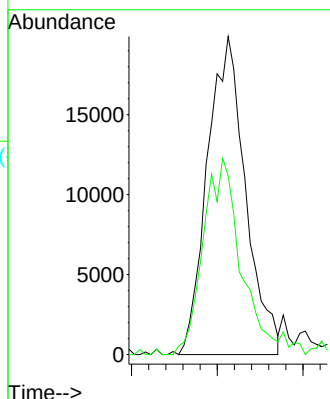
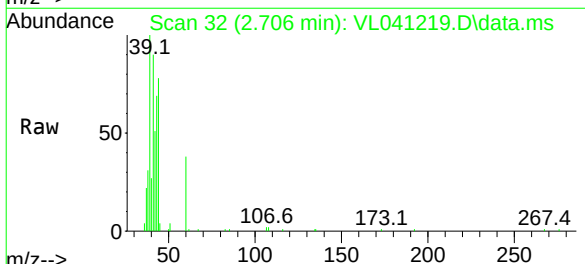
Acq: 6 May 2024 15:38

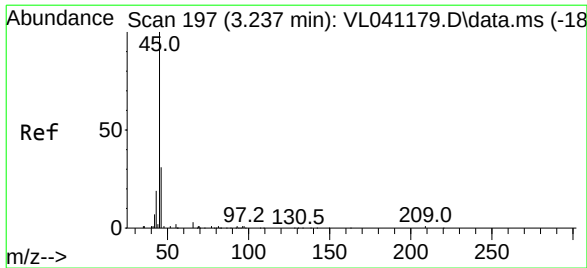
Tgt Ion: 41 Resp: 30731

Ion Ratio Lower Upper

41 100

42 63.1 55.3 82.9





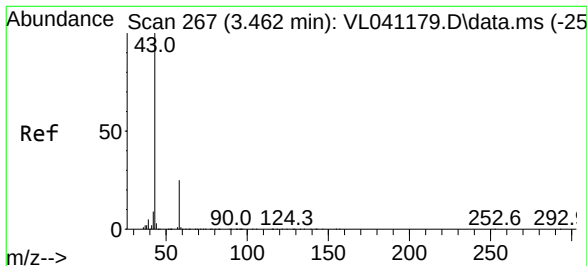
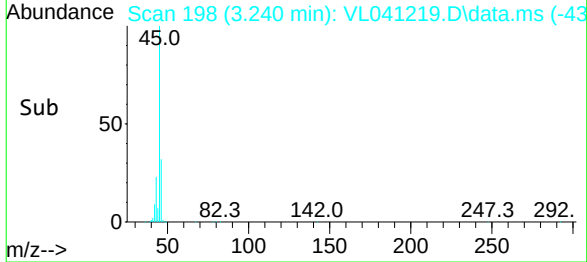
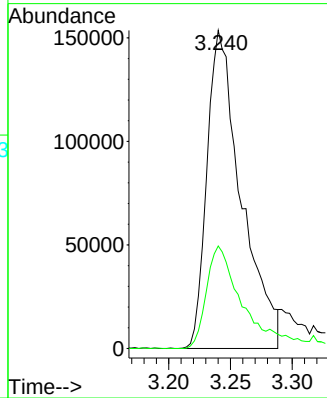
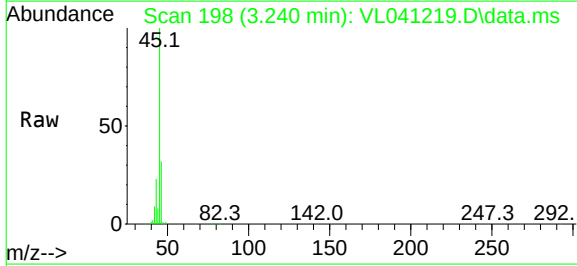
#13
Ethanol
Concen: 24.075 ppbv
RT: 3.240 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA03-20240425DL

Tgt Ion: 45 Resp: 296145
Ion Ratio Lower Upper
45 100
46 38.6 14.8 59.0

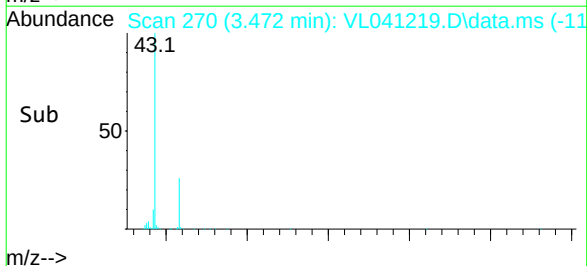
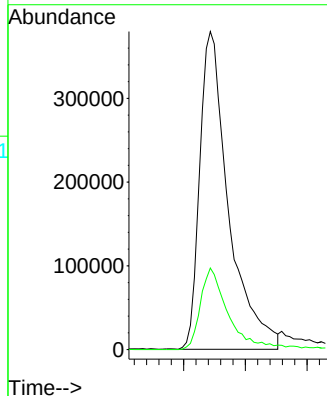
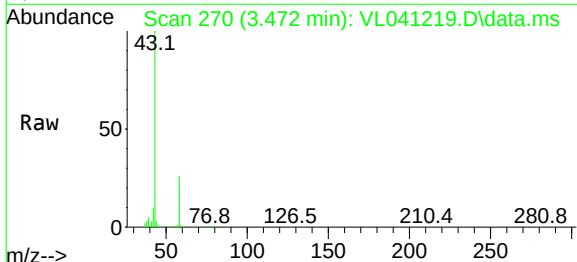
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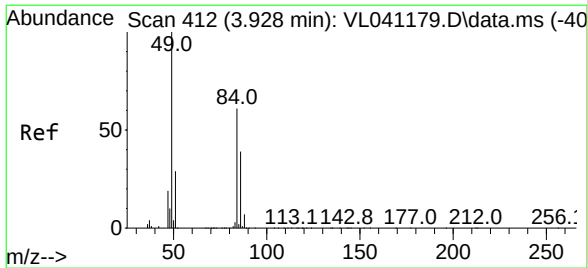
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#15
Acetone
Concen: 5.651 ppbv
RT: 3.472 min Scan# 270
Delta R.T. -0.003 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

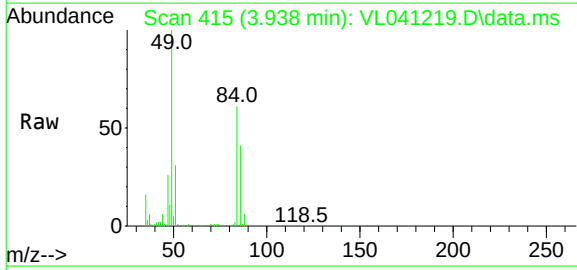
Tgt Ion: 43 Resp: 615680
Ion Ratio Lower Upper
43 100
58 26.1 21.4 32.0





#20
Methylene Chloride
Concen: 2.624 ppbv
RT: 3.938 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

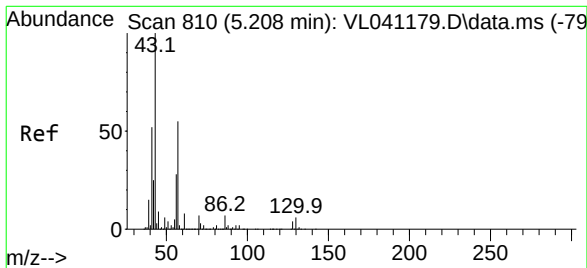
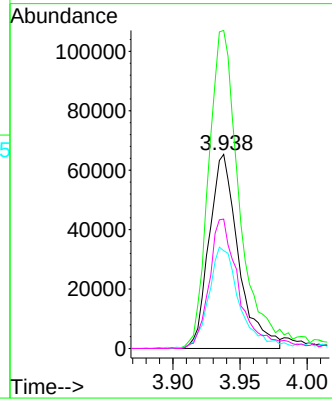
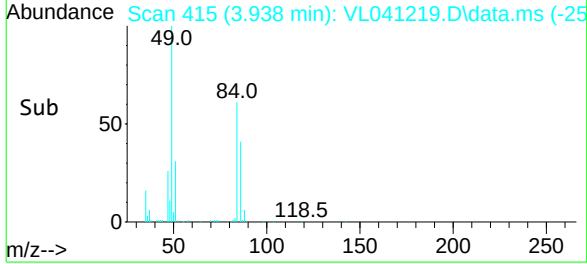
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA03-20240425DL



Tgt Ion:	84	Resp:	99418
Ion	Ratio	Lower	Upper
84	100		
49	163.3	130.4	195.6
51	49.9	38.0	57.0
86	66.7	50.3	75.5

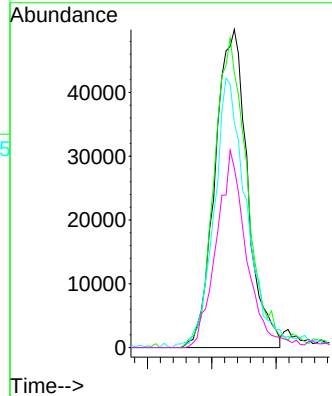
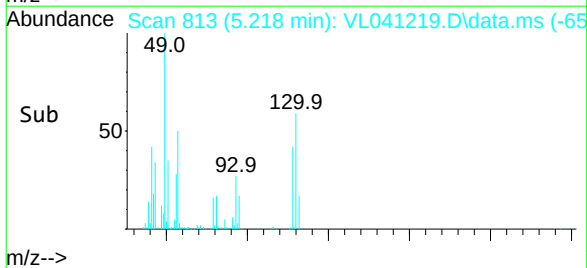
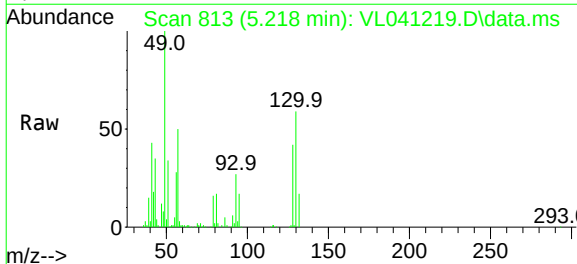
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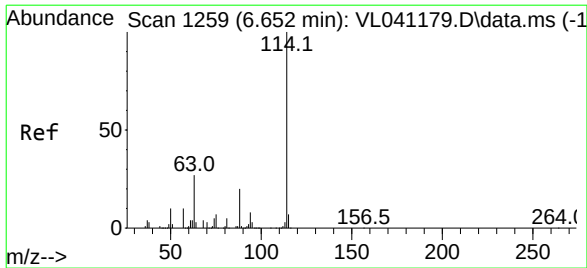
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#26
Hexane
Concen: 0.900 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

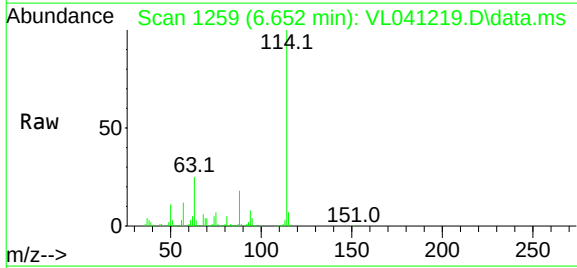
Tgt Ion:	57	Resp:	87374
Ion	Ratio	Lower	Upper
57	100		
41	102.5	75.8	113.8
43	88.1	187.0	280.4#
56	58.8	42.7	64.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

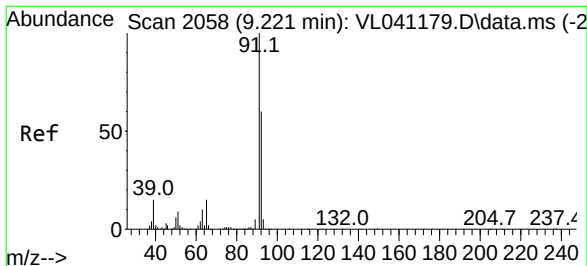
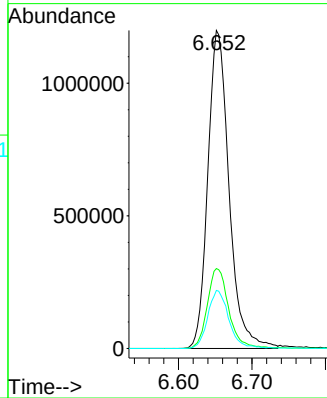
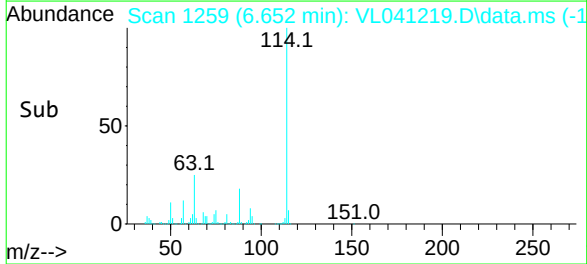
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA03-20240425DL



Tgt Ion:114 Resp: 2406022
Ion Ratio Lower Upper
114 100
63 25.6 21.8 32.6
88 18.4 15.2 22.8

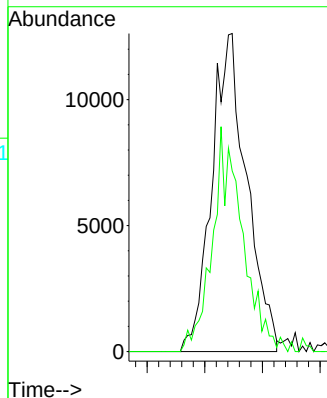
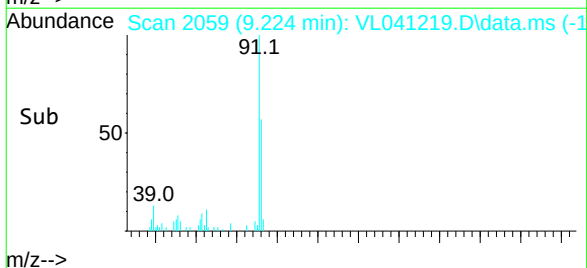
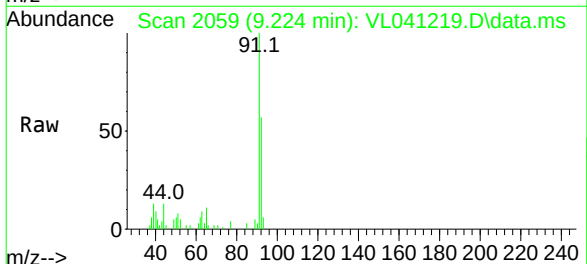
Manual Integrations
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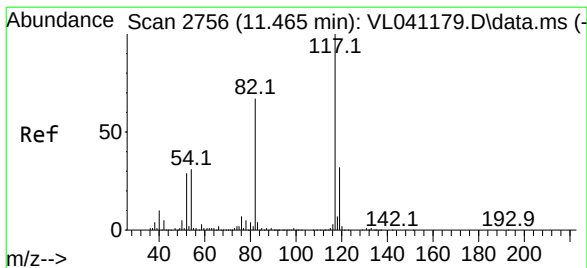
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#53
Toluene
Concen: 0.113 ppbv m
RT: 9.224 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL041219.D
Acq: 6 May 2024 15:38

Tgt Ion: 91 Resp: 26572
Ion Ratio Lower Upper
91 100
92 61.4 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041219.D

Acq: 6 May 2024 15:38

Instrument :

MSVOA_L

ClientSampleId :

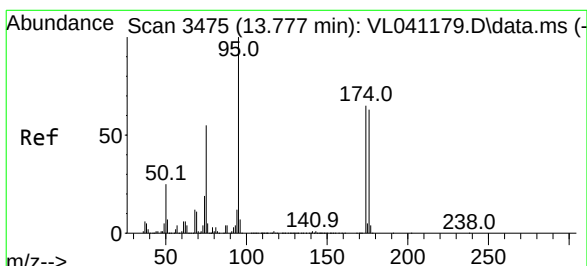
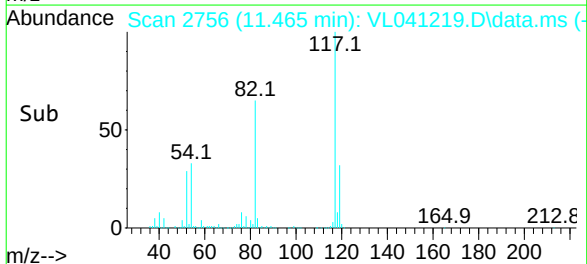
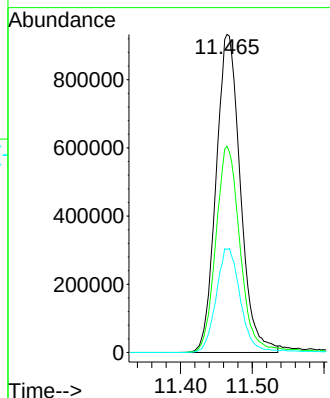
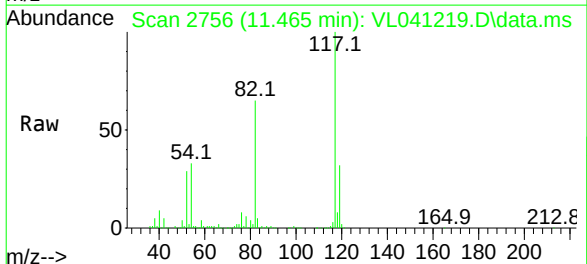
BA-20-IA03-20240425DL

Tgt Ion:117 Resp: 2194694

Ion	Ratio	Lower	Upper
117	100		
82	65.3	53.6	80.4
119	33.1	27.2	40.8

Manual Integrations
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Supervised By :Mahesh Dadoda 05/07/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.284 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041219.D

Acq: 6 May 2024 15:38

Tgt Ion: 95 Resp: 1704012

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.6	80.4
175	5.0	4.2	6.4

