

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041193.D
 Acq On : 2 May 2024 12:40
 Operator : SY/MD
 Sample : P2334-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS03-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024

Quant Time: May 03 03:39:44 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 : Fri May 03 03:34:47 2024

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.195	49	922254	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.655	114	2444956	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.468	117	2215530	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.780	95	1694141	10.129	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds							
							Qvalue
13) Ethanol		3.256	45	19464m	1.584	ppbv	
15) Acetone		3.485	43	94548	0.869	ppbv	94
20) Methylene Chloride		3.935	84	57362	1.516	ppbv	96
26) Hexane		5.214	57	63533	0.655	ppbv	# 42
29) Chloroform		5.275	83	6809m	0.051	ppbv	
32) 1,1,1-Trichloroethane		6.005	97	9984m	0.075	ppbv	
34) 2-Butanone		4.809	43	17685m	0.142	ppbv	
38) Trichloroethene		7.291	130	235310	3.078	ppbv	95
52) Tetrachloroethene		10.616	164	3782m	0.052	ppbv	
53) Toluene		9.224	91	14908	0.063	ppbv	89

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

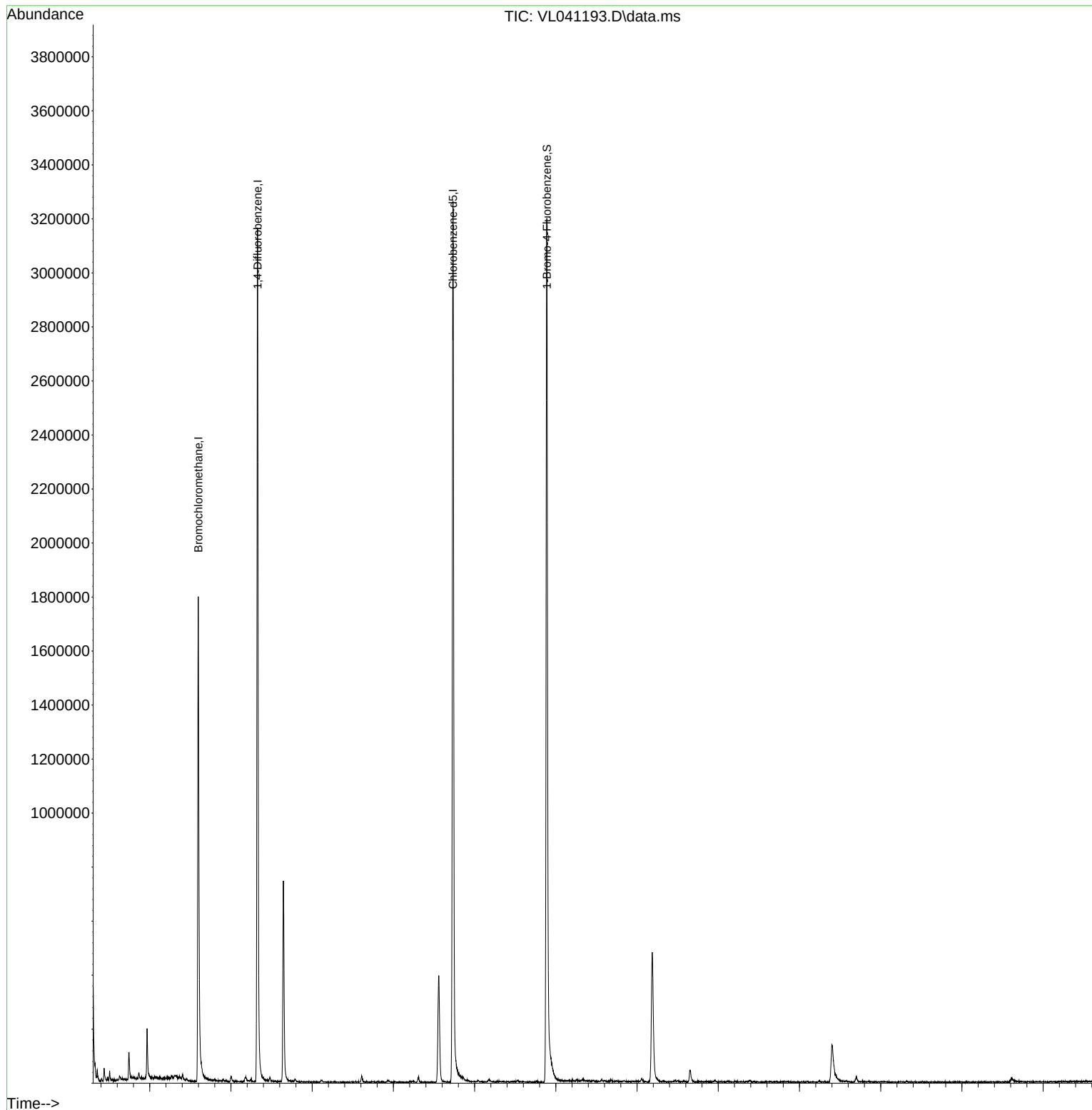
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
Data File : VL041193.D
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Sample : P2334-03DL 10X
Misc : 400mL/MSVOA_L
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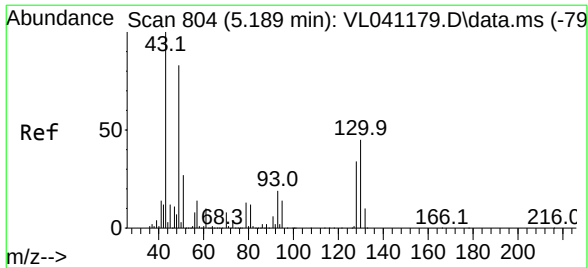
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

Quant Time: May 03 03:39:44 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 : Fri May 03 03:34:47 2024
Response via : Initial Calibration

Manual Integrations
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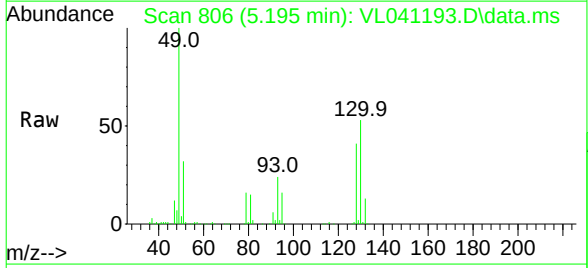
Reviewed By : Semsettin Yesilyurt 05/06/2024
Supervised By : Mahesh Dadoda 05/07/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

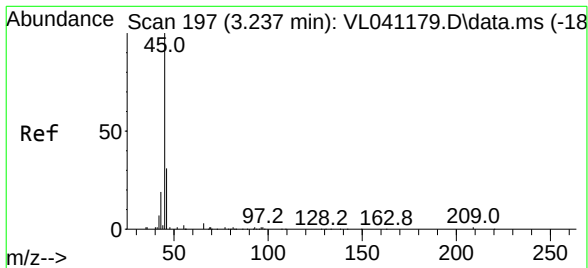
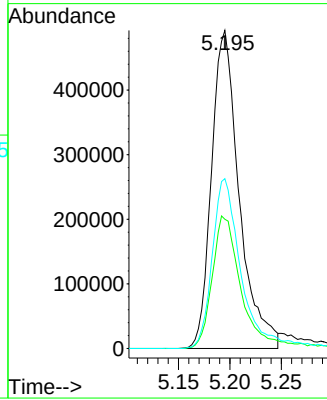
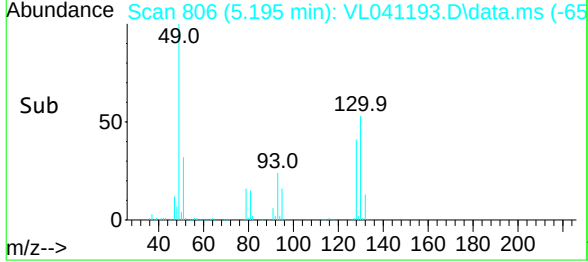
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL



Tgt Ion: 49 Resp: 922254
Ion Ratio Lower Upper
49 100
128 44.8 21.5 64.5
130 58.0 27.2 81.6

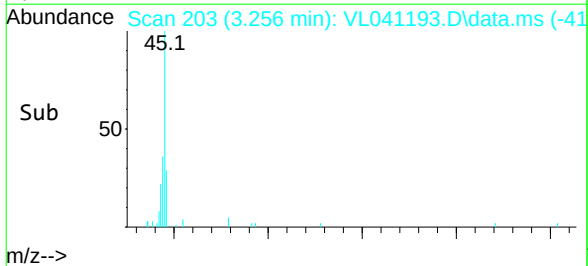
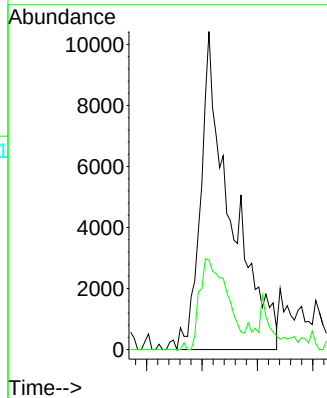
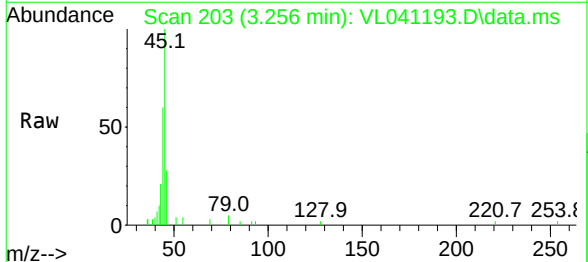
Manual Integrations
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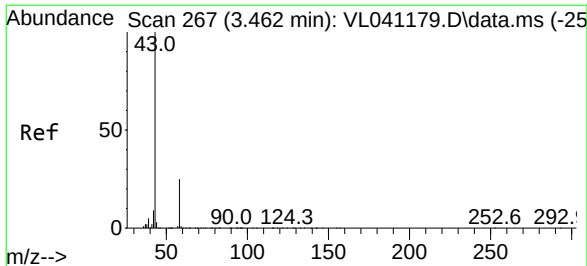
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#13
Ethanol
Concen: 1.584 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.019 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion: 45 Resp: 19464
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#





#15

Acetone

Concen: 0.869 ppbv

RT: 3.485 min Scan# 27

Delta R.T. 0.019 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425DL

Tgt Ion: 43 Resp: 94548

Ion Ratio Lower Upper

43 100

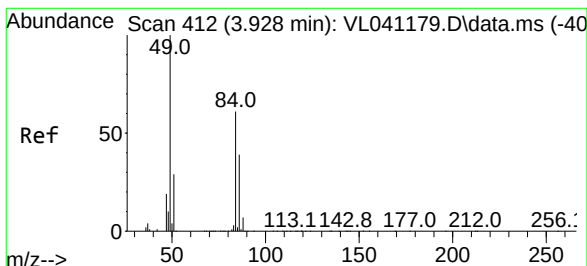
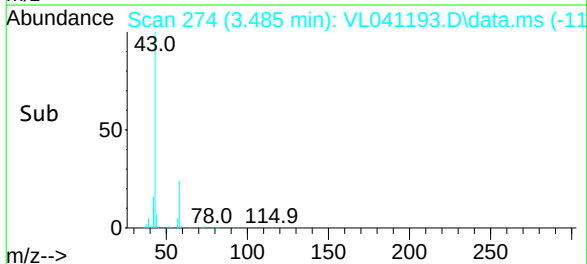
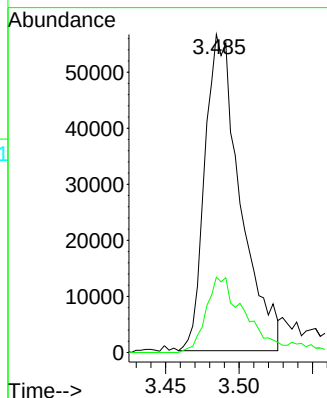
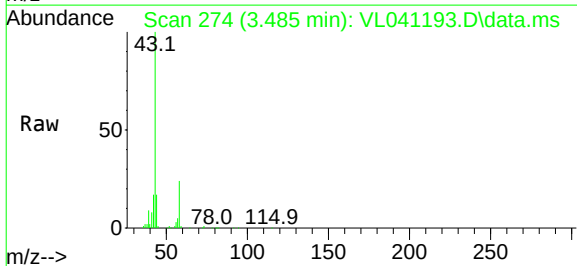
58 29.7 21.4 32.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#20

Methylene Chloride

Concen: 1.516 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041193.D

Acq: 2 May 2024 12:40

Tgt Ion: 84 Resp: 57362

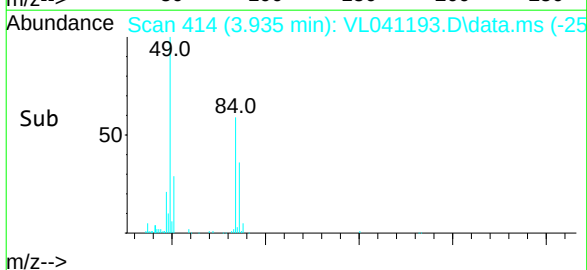
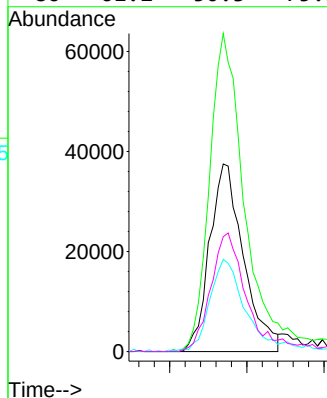
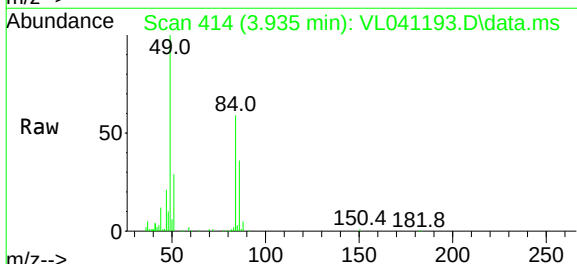
Ion Ratio Lower Upper

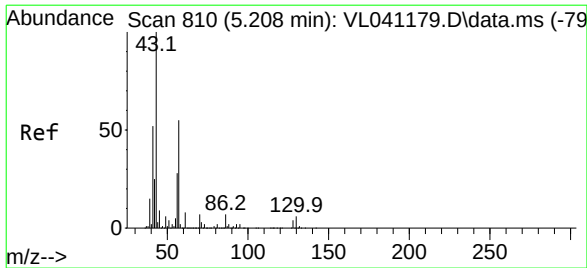
84 100

49 169.5 130.4 195.6

51 48.3 38.0 57.0

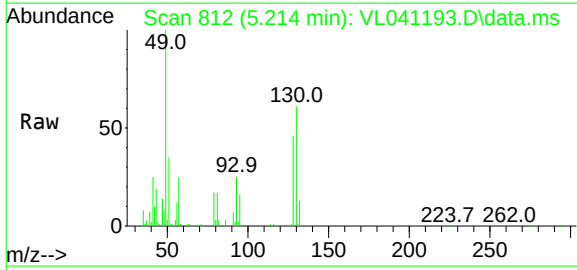
86 61.2 50.3 75.5





#26
Hexane
Concen: 0.655 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

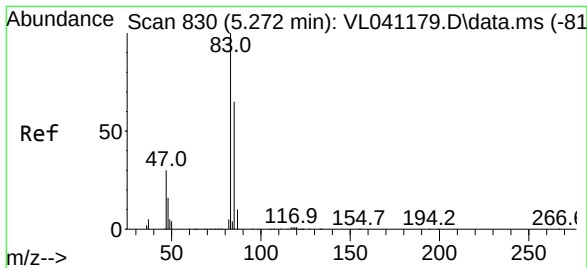
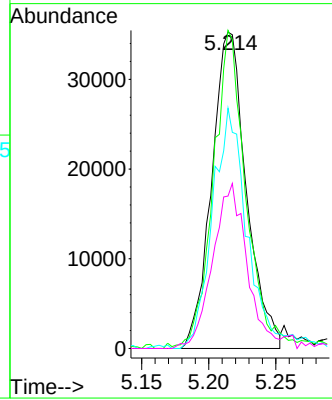
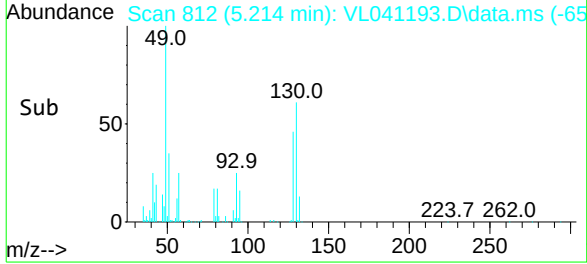
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL



Tgt Ion: 57 Resp: 63533
Ion Ratio Lower Upper
57 100
41 93.0 75.8 113.8
43 77.5 187.0 280.4#
56 54.0 42.7 64.1

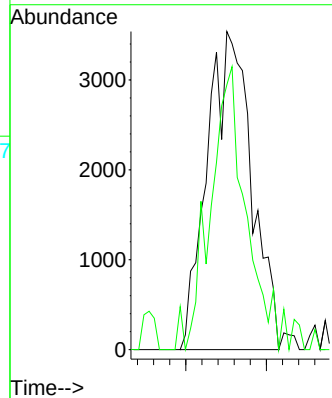
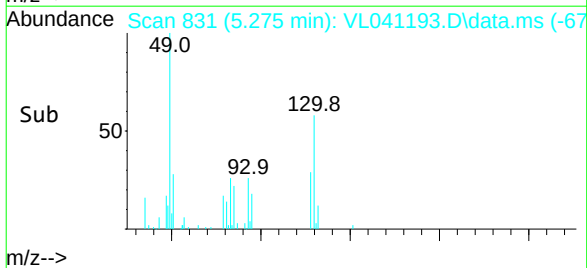
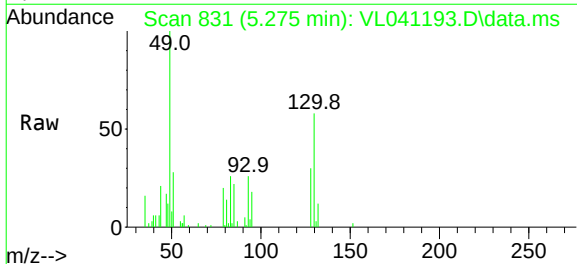
Manual Integrations
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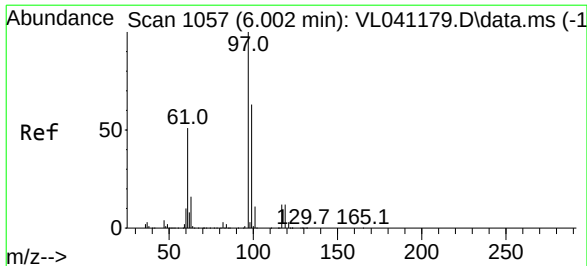
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#29
Chloroform
Concen: 0.051 ppbv m
RT: 5.275 min Scan# 831
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

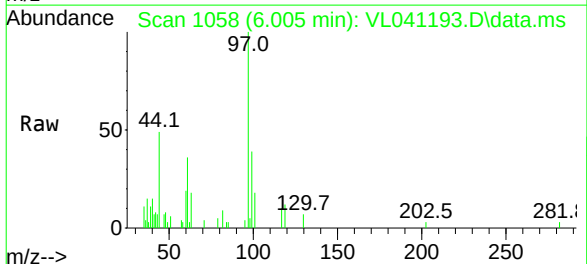
Tgt Ion: 83 Resp: 6809
Ion Ratio Lower Upper
83 100
85 83.2 51.7 77.5#





#32
1,1,1-Trichloroethane
Concen: 0.075 ppbv
RT: 6.005 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

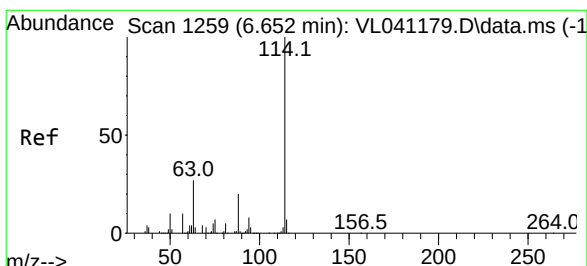
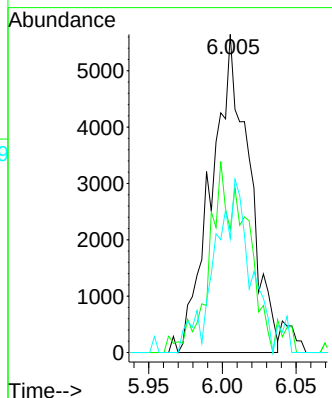
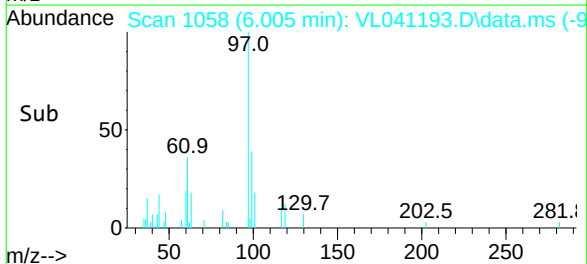
Instrument : MSVOA_L
ClientSampleId : BA-20-SS03-20240425DL



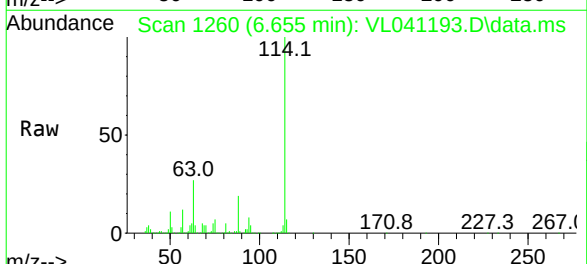
Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.7	77.5
61	54.1	41.1	61.7

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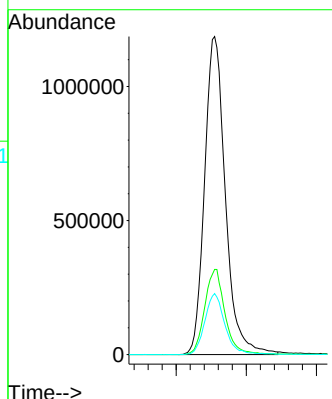
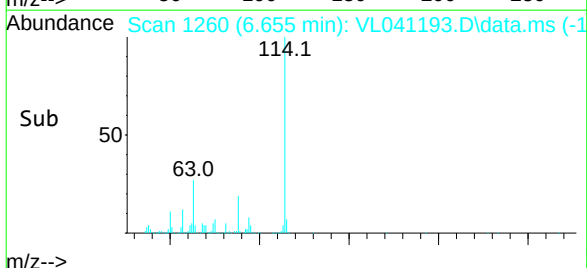
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

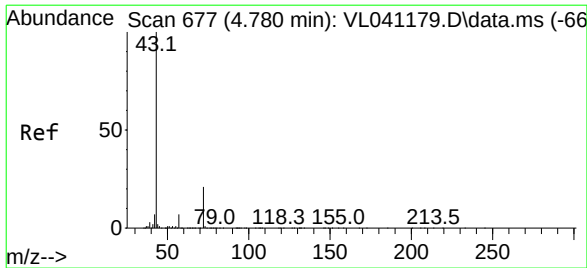


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40



Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.8	32.6
88	18.8	15.2	22.8





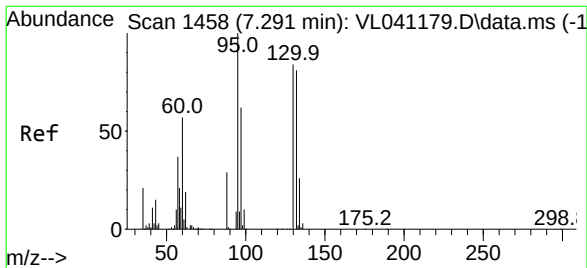
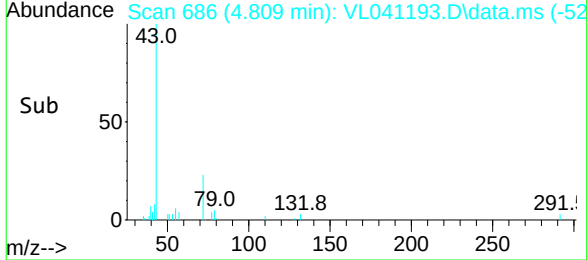
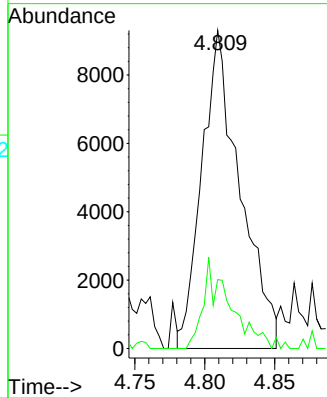
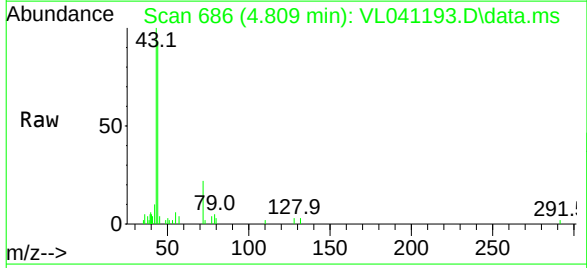
#34
2-Butanone
Concen: 0.142 ppbv m
RT: 4.809 min Scan# 68
Delta R.T. 0.026 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL

Tgt Ion: 43 Resp: 17685
Ion Ratio Lower Upper
43 100
72 20.4 17.3 25.9

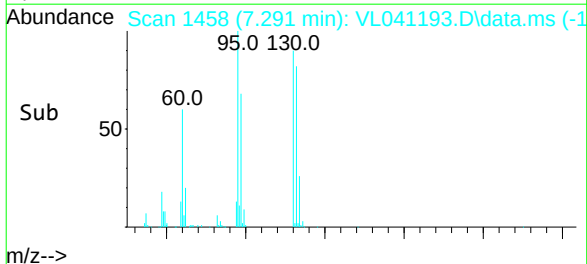
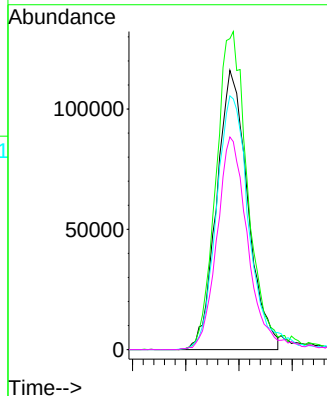
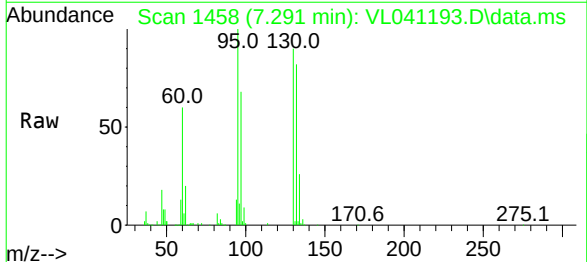
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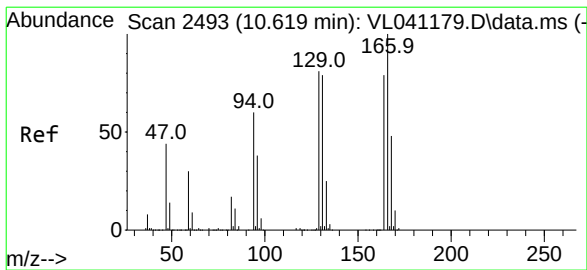
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#38
Trichloroethene
Concen: 3.078 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

Tgt Ion:130 Resp: 235310
Ion Ratio Lower Upper
130 100
95 111.4 95.0 142.6
132 90.7 77.0 115.4
97 76.1 59.1 88.7





#52

Tetrachloroethene

Concen: 0.052 ppbv m

RT: 10.616 min Scan# 2493

Delta R.T. 0.003 min

Lab File: VL041193.D

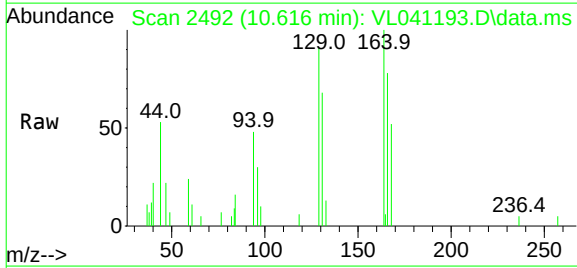
Acq: 2 May 2024 12:40

Instrument :

MSVOA_L

ClientSampleId :

BA-20-SS03-20240425DL



Tgt Ion: 164 Resp: 3782

Ion Ratio Lower Upper

164 100

166 77.5 101.1 151.7#

129 91.4 81.7 122.5

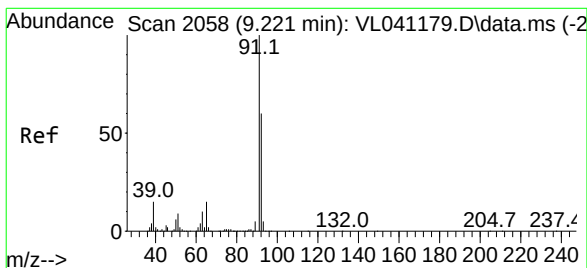
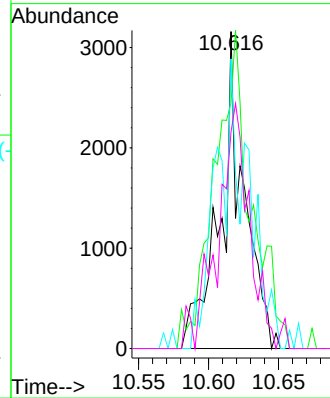
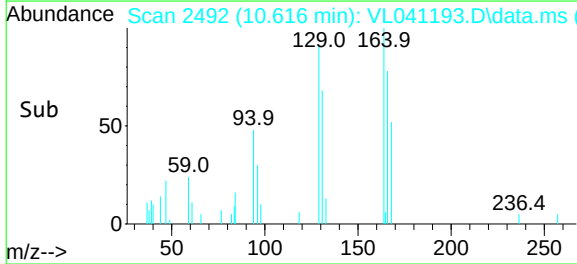
131 68.4 80.4 120.6#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/06/2024

Supervised By :Mahesh Dadoda 05/07/2024



#53

Toluene

Concen: 0.063 ppbv

RT: 9.224 min Scan# 2059

Delta R.T. 0.003 min

Lab File: VL041193.D

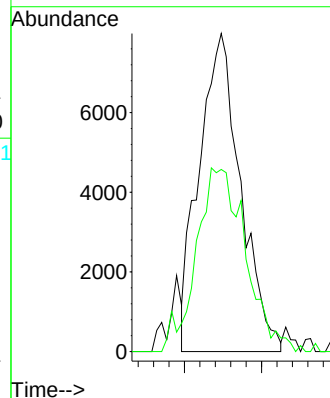
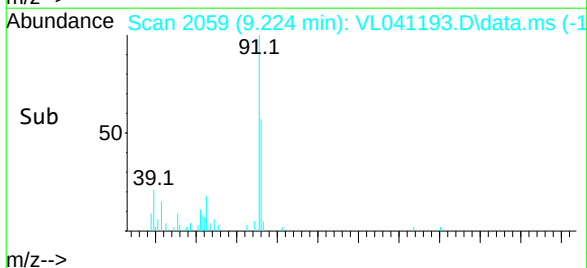
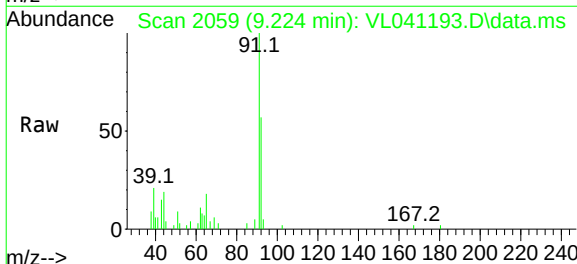
Acq: 2 May 2024 12:40

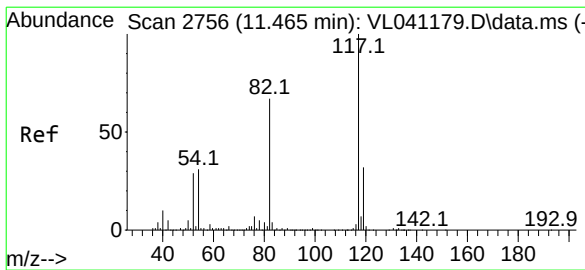
Tgt Ion: 91 Resp: 14908

Ion Ratio Lower Upper

91 100

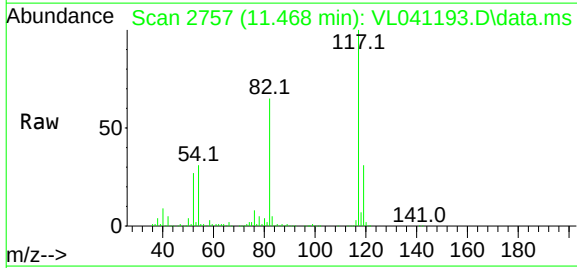
92 68.9 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40

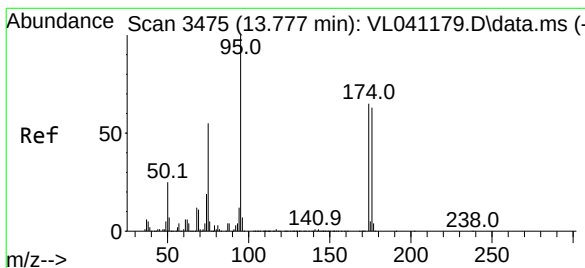
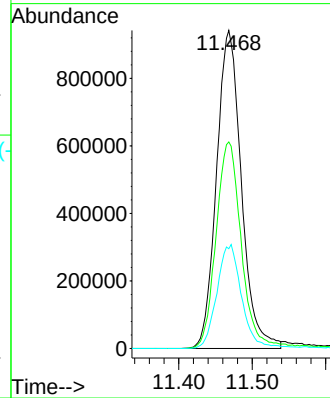
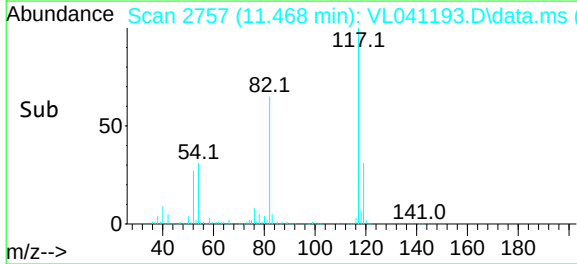
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS03-20240425DL



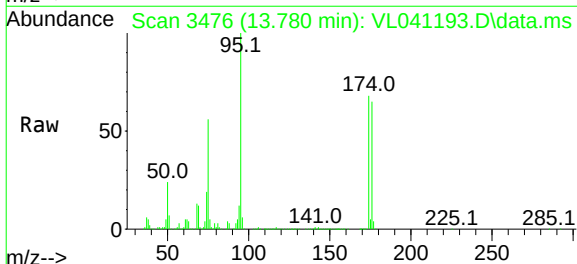
Tgt Ion:117 Resp: 2215536
Ion Ratio Lower Upper
117 100
82 66.8 53.6 80.4
119 33.0 27.2 40.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.129 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.007 min
Lab File: VL041193.D
Acq: 2 May 2024 12:40



Tgt Ion: 95 Resp: 1694141
Ion Ratio Lower Upper
95 100
174 69.6 53.6 80.4
175 5.1 4.2 6.4

