

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041194.D
 Acq On : 2 May 2024 13:56
 Operator : SY/MD
 Sample : P2334-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-03-SS01-20240425DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 03:40:05 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 : 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	937606	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2508064	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2269066	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1742196	10.170	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
						Qvalue
13) Ethanol	3.253	45	86071	6.890	ppbv	98
15) Acetone	3.481	43	62850	0.568	ppbv	94
19) Isopropyl Alcohol	3.591	45	39973m	0.551	ppbv	
20) Methylene Chloride	3.935	84	107058	2.782	ppbv	91
26) Hexane	5.218	57	104151	1.057	ppbv #	43

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

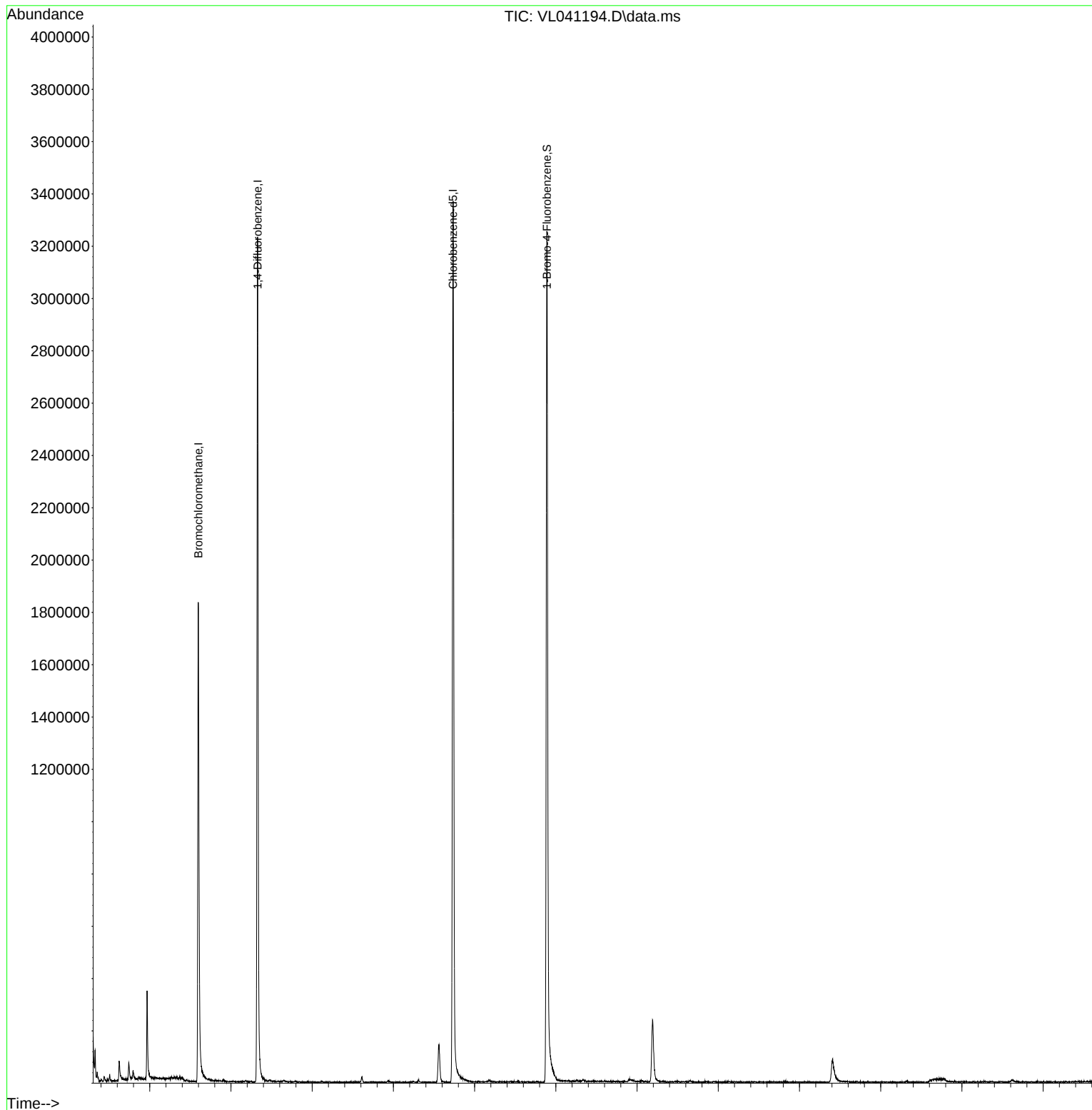
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
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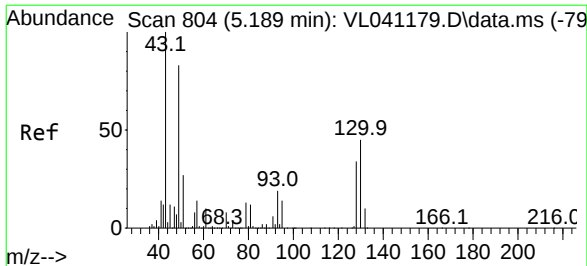
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS01-20240425DL

Quant Time: May 03 03:40:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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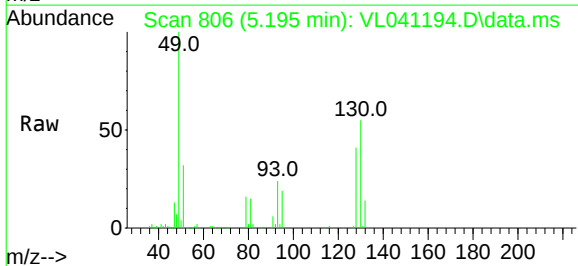
Reviewed By : Semsettin Yesilyurt 05/06/2024
Supervised By : Mahesh Dadoda 05/07/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041194.D
Acq: 2 May 2024 13:56

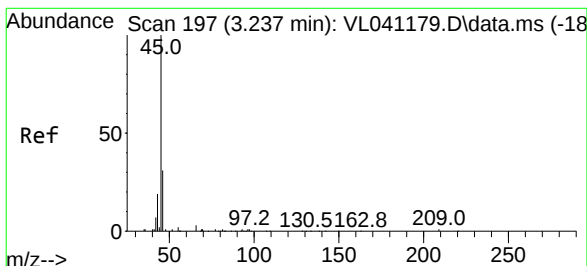
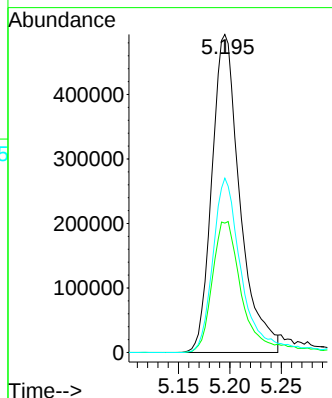
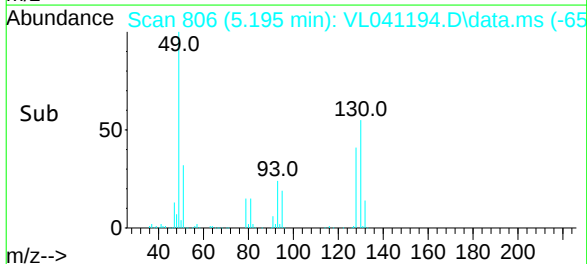
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS01-20240425DL



Tgt Ion: 49 Resp: 937606
Ion Ratio Lower Upper
49 100
128 45.0 21.5 64.5
130 58.2 27.2 81.6

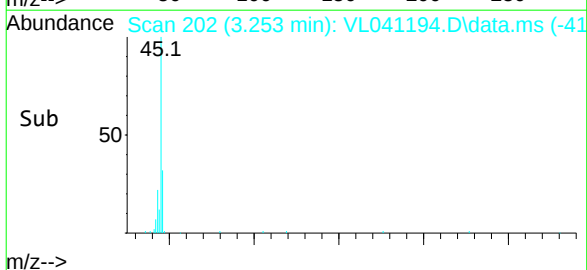
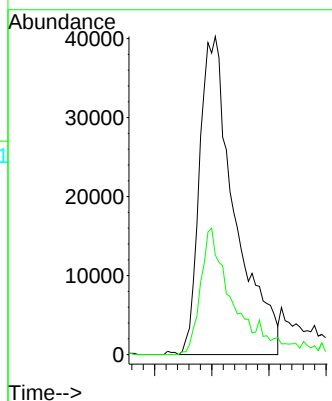
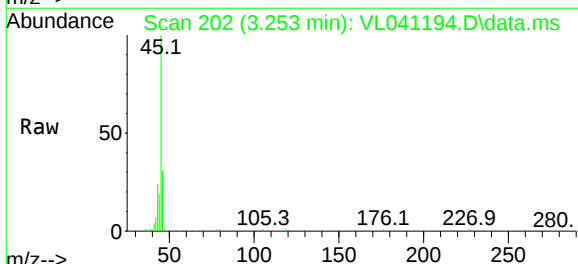
Manual Integrations
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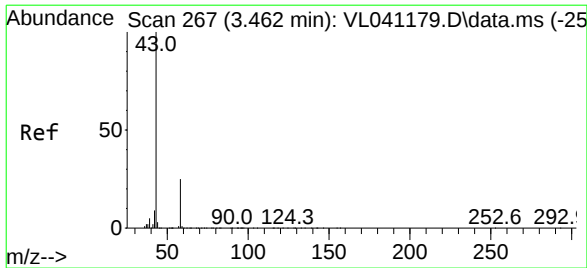
Reviewed By :Semsettin Yesilyurt 05/06/2024
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#13
Ethanol
Concen: 6.890 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.016 min
Lab File: VL041194.D
Acq: 2 May 2024 13:56

Tgt Ion: 45 Resp: 86071
Ion Ratio Lower Upper
45 100
46 38.2 14.8 59.0





#15

Acetone

Concen: 0.568 ppbv

RT: 3.481 min Scan# 27

Delta R.T. 0.016 min

Lab File: VL041194.D

Acq: 2 May 2024 13:56

Instrument :

MSVOA_L

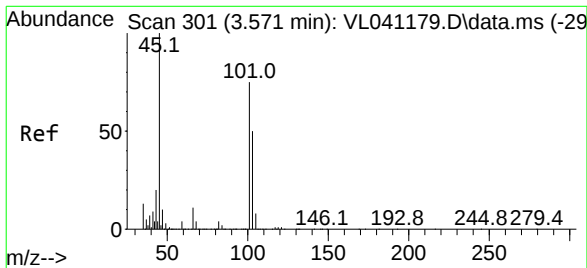
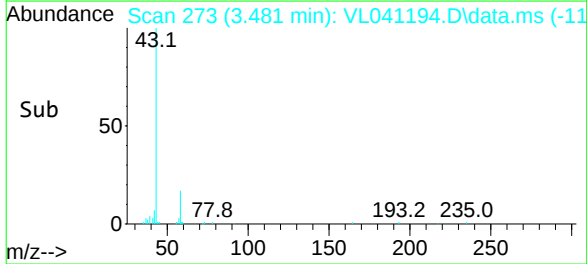
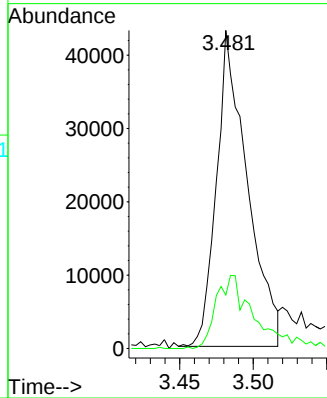
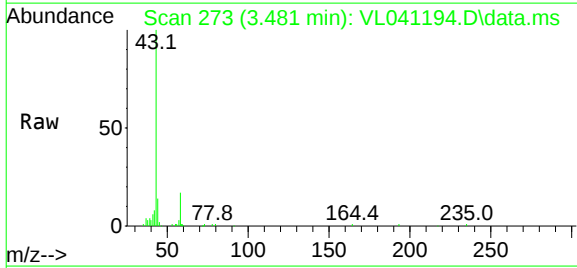
ClientSampleId :

BA-03-SS01-20240425DL

Tgt Ion: 43 Resp: 62850
 Ion Ratio Lower Upper
 43 100
 58 29.6 21.4 32.0

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#19

Isopropyl Alcohol

Concen: 0.551 ppbv m

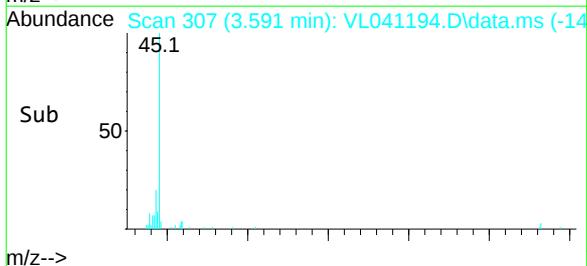
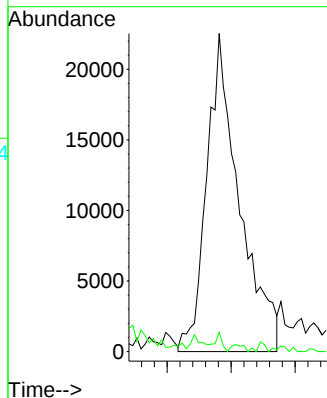
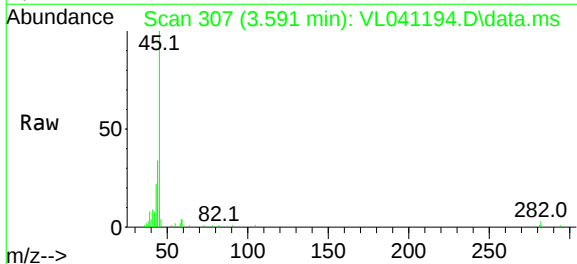
RT: 3.591 min Scan# 307

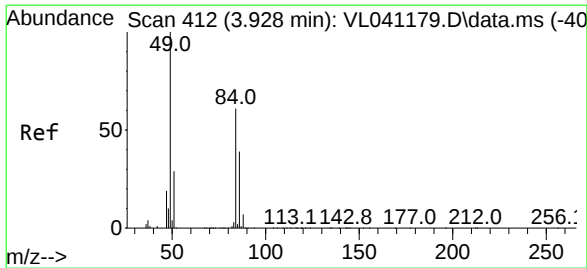
Delta R.T. 0.019 min

Lab File: VL041194.D

Acq: 2 May 2024 13:56

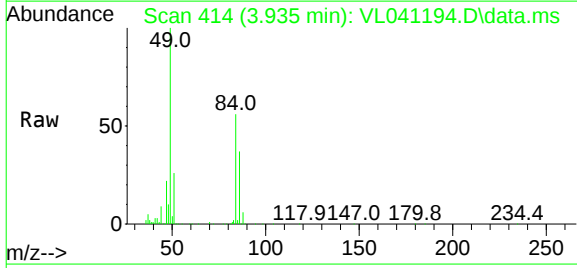
Tgt Ion: 45 Resp: 39973
 Ion Ratio Lower Upper
 45 100
 58 3.9 26.8 40.2#





#20
Methylene Chloride
Concen: 2.782 ppbv
RT: 3.935 min Scan# 412
Delta R.T. 0.003 min
Lab File: VL041194.D
Acq: 2 May 2024 13:56

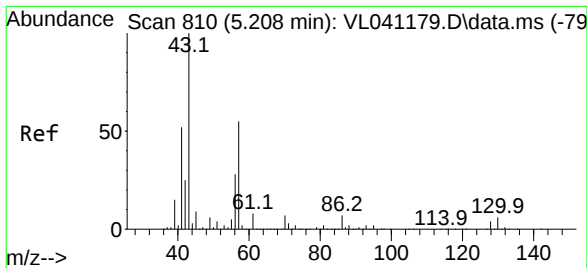
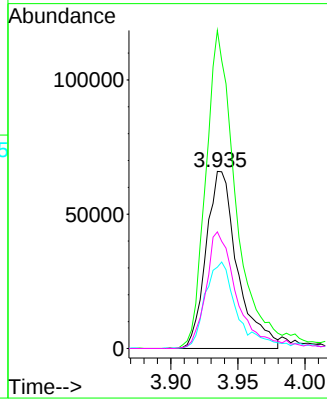
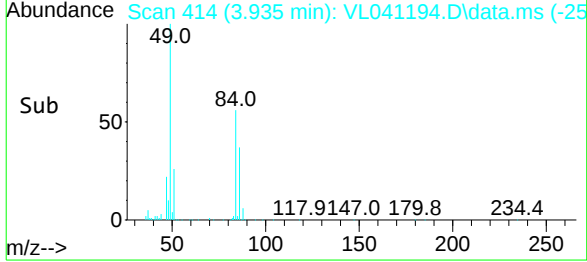
Instrument :
MSVOA_L
ClientSampleId :
BA-03-SS01-20240425DL



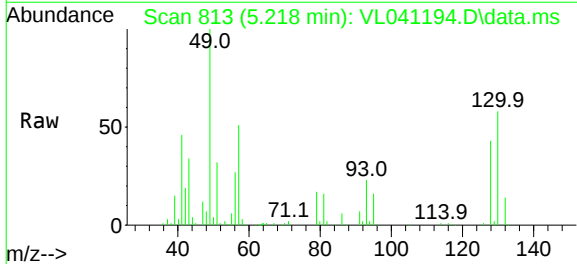
Tgt Ion:	84	Resp:	107058
Ion	Ratio	Lower	Upper
84	100		
49	179.3	130.4	195.6
51	45.7	38.0	57.0
86	65.5	50.3	75.5

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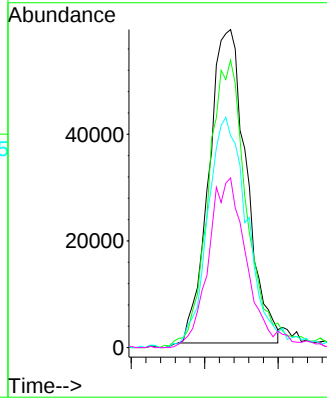
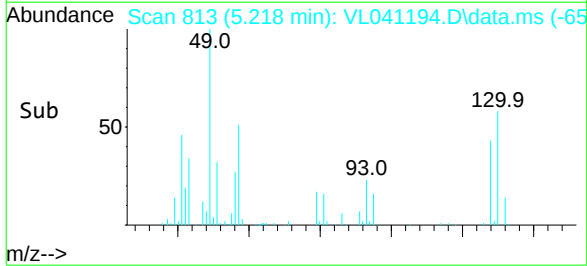
Reviewed By :Semsettin Yesilyurt 05/06/2024
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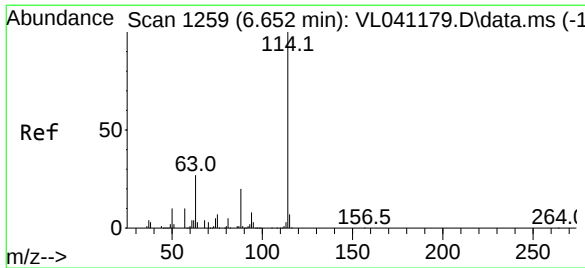


#26
Hexane
Concen: 1.057 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041194.D
Acq: 2 May 2024 13:56



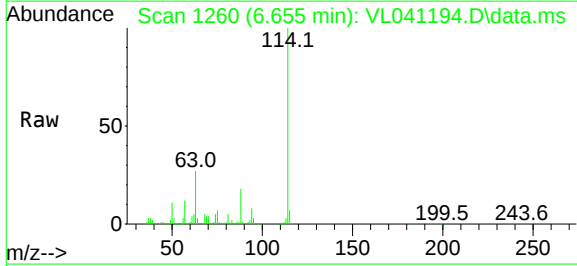
Tgt Ion:	57	Resp:	104151
Ion	Ratio	Lower	Upper
57	100		
41	97.6	75.8	113.8
43	82.8	187.0	280.4#
56	56.6	42.7	64.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041194.D
Acq: 2 May 2024 13:56

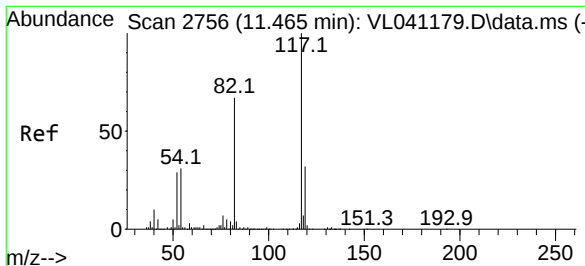
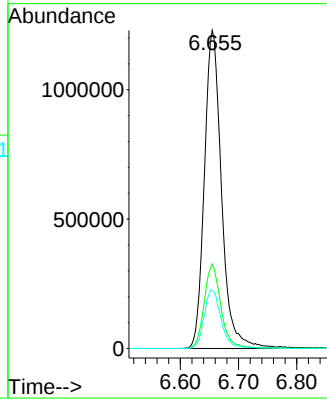
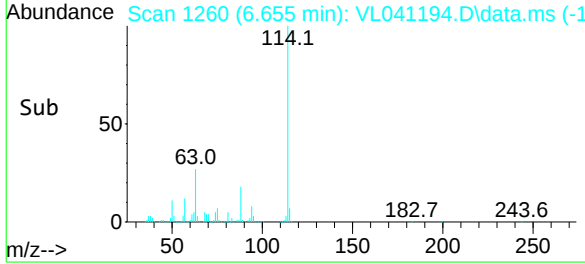
Instrument :
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ClientSampleId :
BA-03-SS01-20240425DL



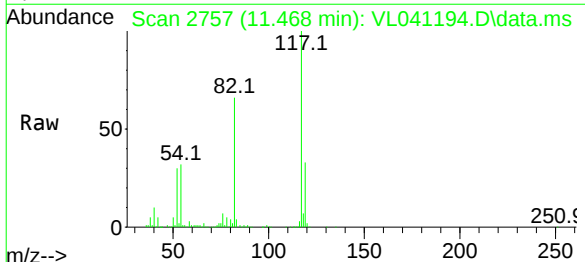
Tgt Ion:114 Resp: 2508064
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.6
88 18.5 15.2 22.8

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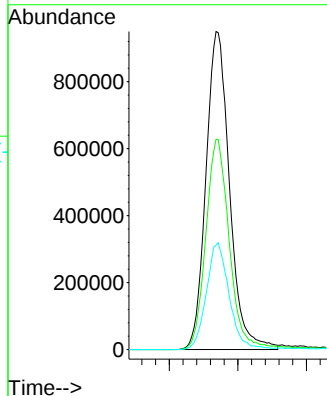
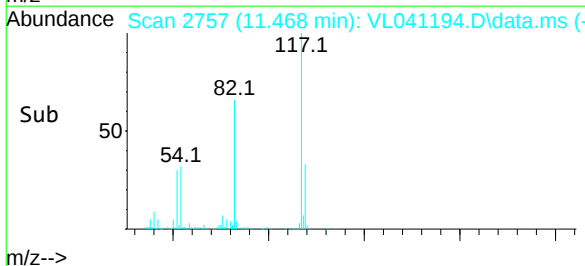
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Supervised By :Mahesh Dadoda 05/07/2024

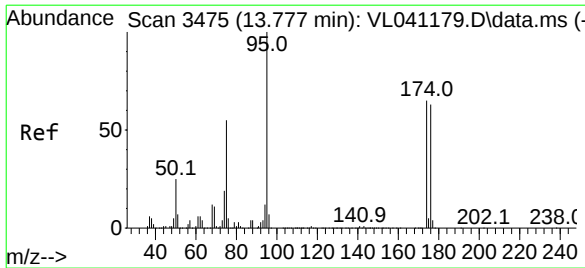


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041194.D
Acq: 2 May 2024 13:56



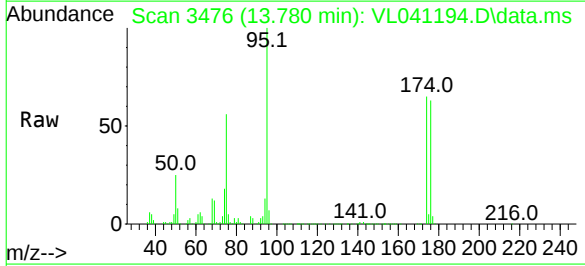
Tgt Ion:117 Resp: 2269066
Ion Ratio Lower Upper
117 100
82 66.8 53.6 80.4
119 33.0 27.2 40.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.170 ppbv
 RT: 13.780 min Scan# 3475
 Delta R.T. 0.007 min
 Lab File: VL041194.D
 Acq: 2 May 2024 13:56

Instrument : MSVOA_L
 ClientSampleId : BA-03-SS01-20240425DL



Tgt Ion: 95 Resp: 1742196

Ion	Ratio	Lower	Upper
95	100		
174	68.0	53.6	80.4
175	4.6	4.2	6.4

Manual Integrations
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