

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041195.D
 Acq On : 2 May 2024 14:35
 Operator : SY/MD
 Sample : P2334-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS01-20240425DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 03:40:25 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	5.198	49	946100	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2437814	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2210563	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1675540	10.040	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.400%	
Target Compounds						
						Qvalue
4) Chloromethane	2.822	50	33992	0.603	ppbv	# 80
13) Ethanol	3.262	45	15776m	1.251	ppbv	
15) Acetone	3.488	43	106111	0.950	ppbv	99
20) Methylene Chloride	3.941	84	75675	1.949	ppbv	94
26) Hexane	5.217	57	81151m	0.816	ppbv	
34) 2-Butanone	4.809	43	23489	0.189	ppbv	94
38) Trichloroethene	7.298	130	117525	1.542	ppbv	94
52) Tetrachloroethene	10.616	164	3283m	0.046	ppbv	

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

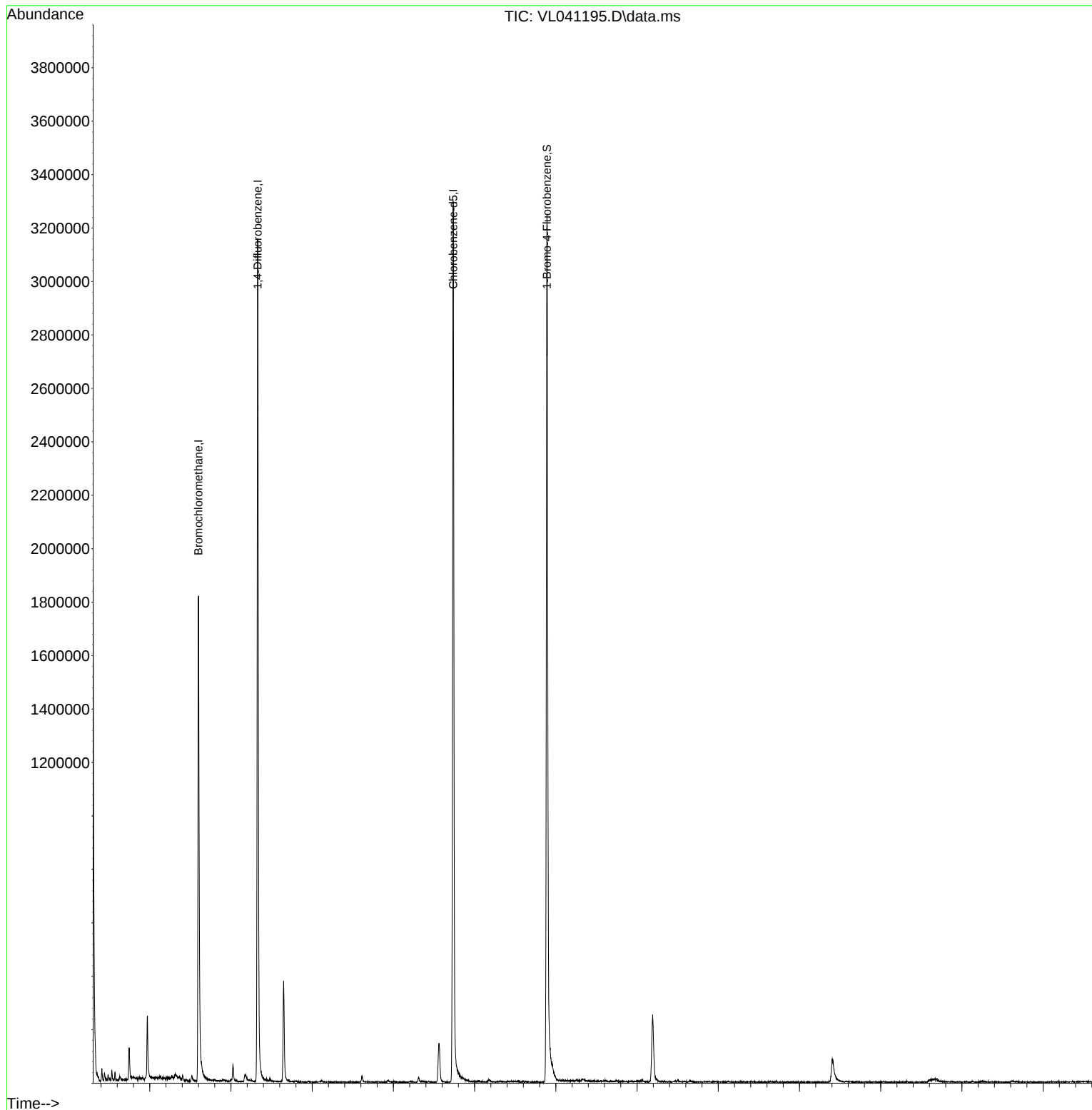
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
Data File : VL041195.D
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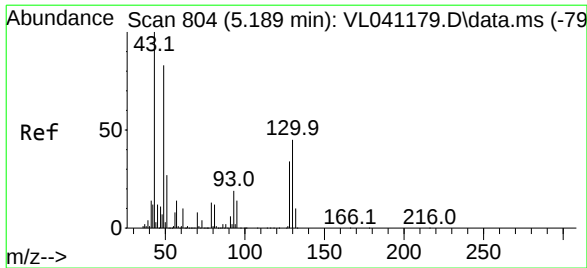
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425DL

Quant Time: May 03 03:40:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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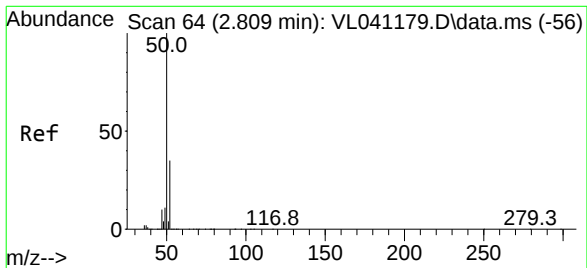
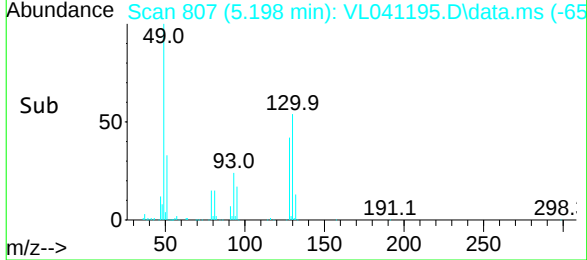
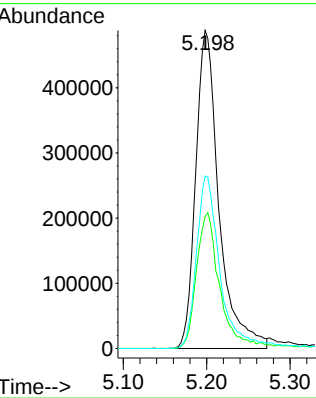
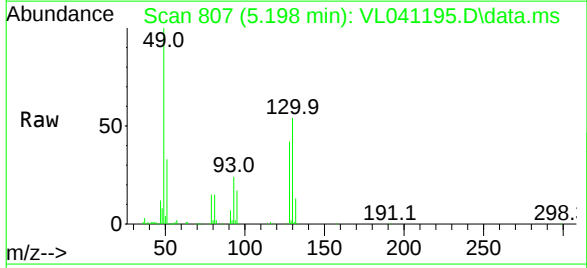
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425DL

Tgt Ion: 49 Resp: 946100
Ion Ratio Lower Upper
49 100
128 44.6 21.5 64.5
130 55.8 27.2 81.6

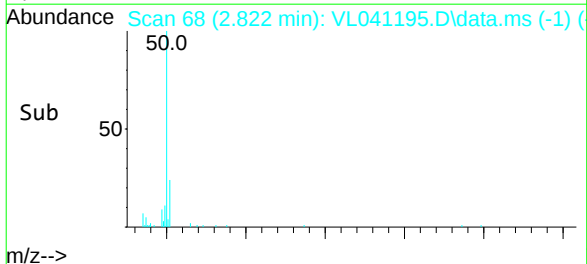
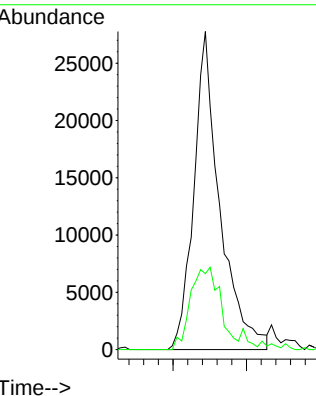
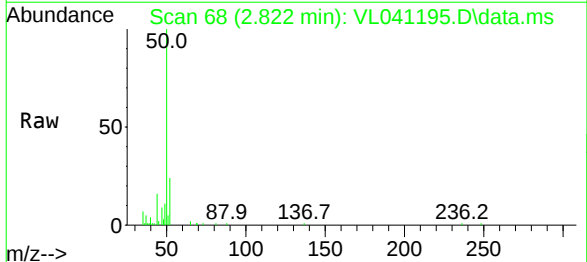
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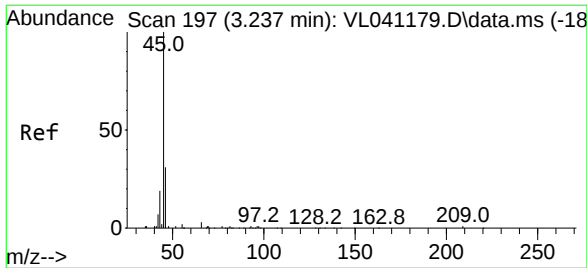
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#4
Chloromethane
Concen: 0.603 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.010 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

Tgt Ion: 50 Resp: 33992
Ion Ratio Lower Upper
50 100
52 23.9 28.3 42.5#





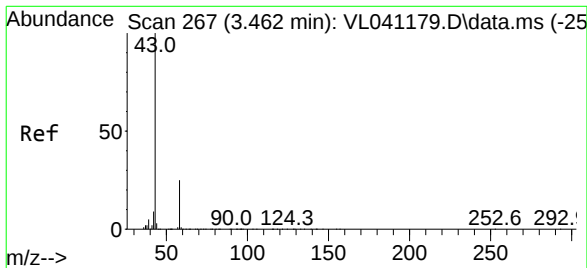
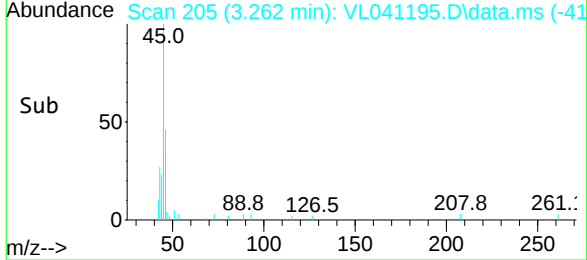
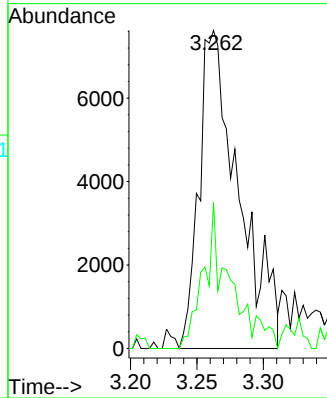
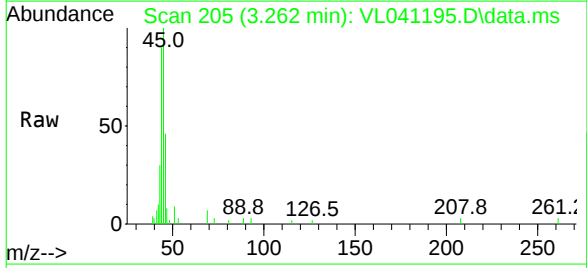
#13
Ethanol
Concen: 1.251 ppbv m
RT: 3.262 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425DL

Tgt Ion: 45 Resp: 15776
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#

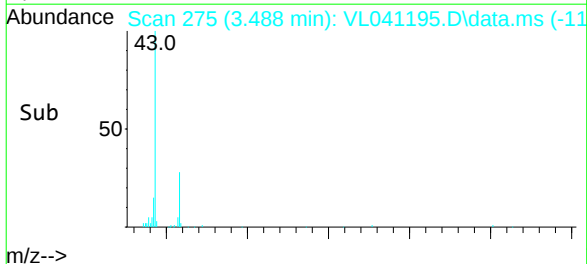
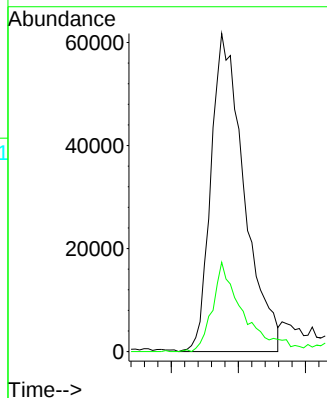
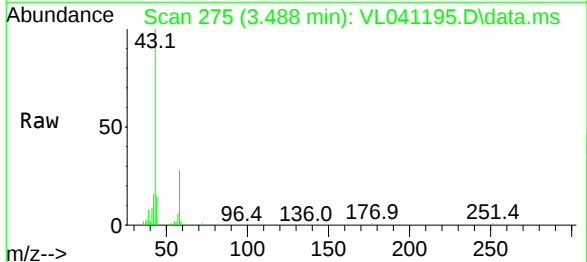
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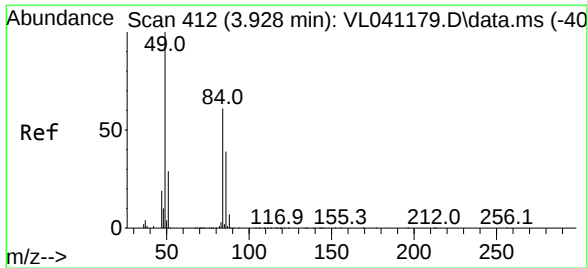
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#15
Acetone
Concen: 0.950 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.022 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

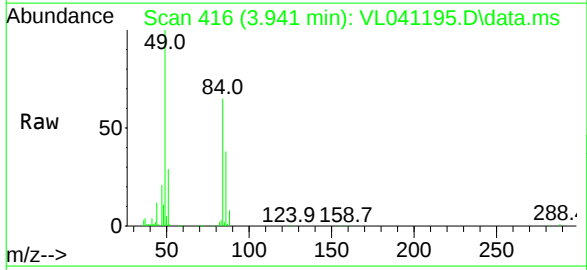
Tgt Ion: 43 Resp: 106111
Ion Ratio Lower Upper
43 100
58 26.2 21.4 32.0





#20
Methylene Chloride
Concen: 1.949 ppbv
RT: 3.941 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

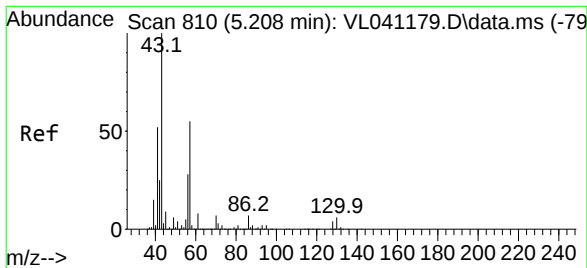
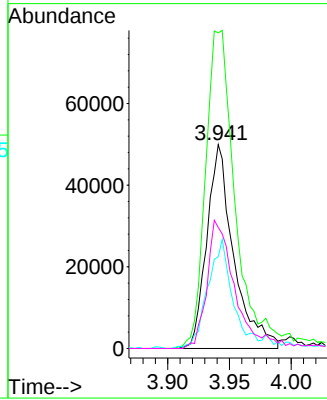
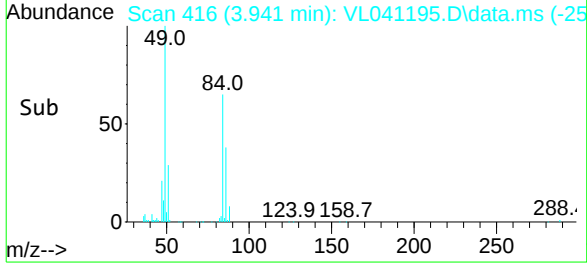
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425DL



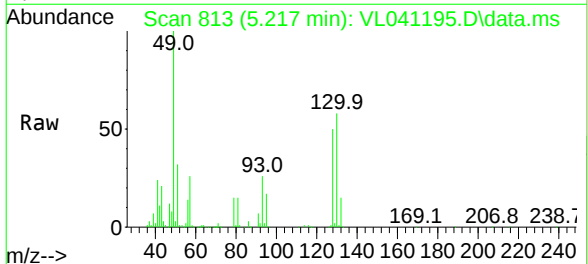
Tgt Ion:	84	Resp:	75675
Ion	Ratio	Lower	Upper
84	100		
49	153.8	130.4	195.6
51	43.9	38.0	57.0
86	59.3	50.3	75.5

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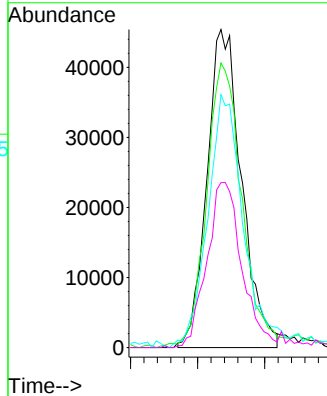
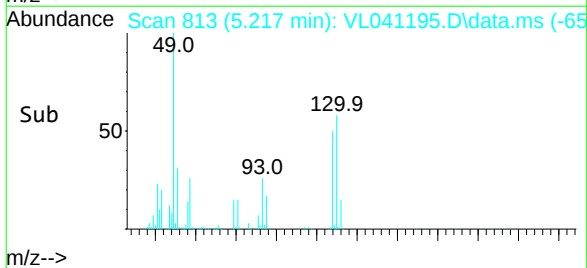
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

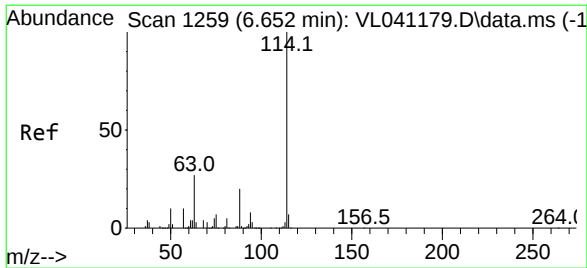


#26
Hexane
Concen: 0.816 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35



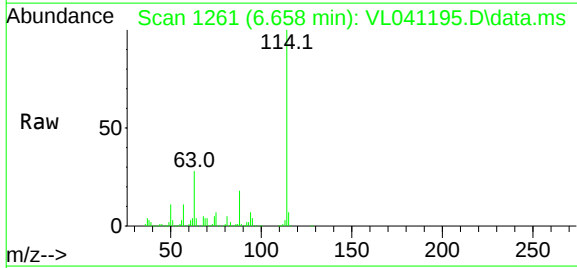
Tgt Ion:	57	Resp:	81151
Ion	Ratio	Lower	Upper
57	100		
41	94.3	75.8	113.8
43	85.0	187.0	280.4#
56	0.0	42.7	64.1#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

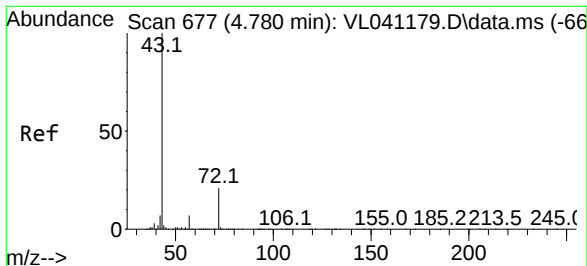
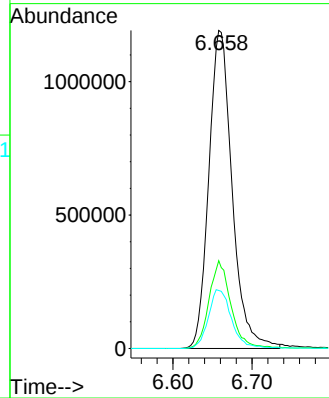
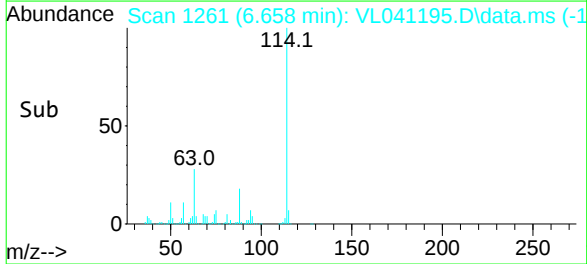
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425DL



Tgt Ion:114 Resp: 2437814
Ion Ratio Lower Upper
114 100
63 26.3 21.8 32.6
88 18.6 15.2 22.8

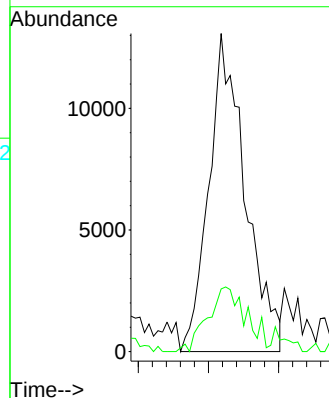
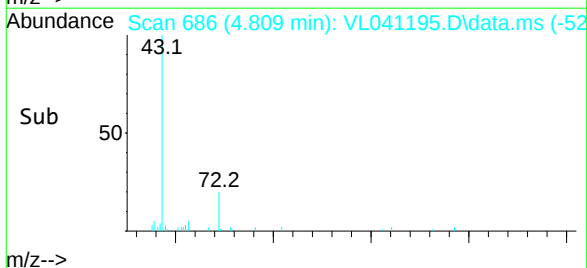
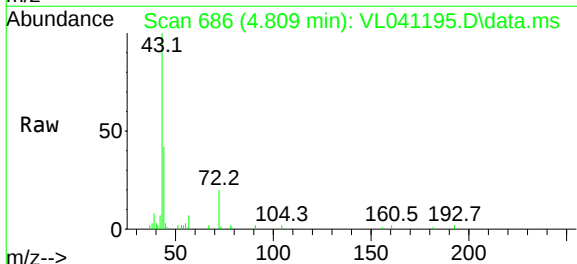
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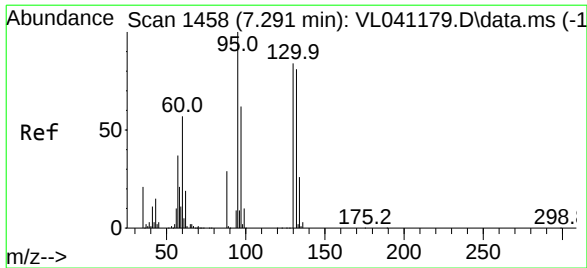
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#34
2-Butanone
Concen: 0.189 ppbv
RT: 4.809 min Scan# 686
Delta R.T. 0.026 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

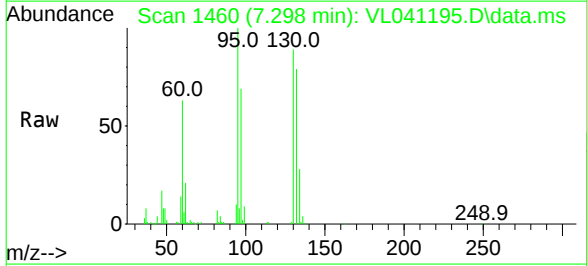
Tgt Ion: 43 Resp: 23489
Ion Ratio Lower Upper
43 100
72 24.3 17.3 25.9





#38
Trichloroethene
Concen: 1.542 ppbv
RT: 7.298 min Scan# 1458
Delta R.T. 0.010 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35

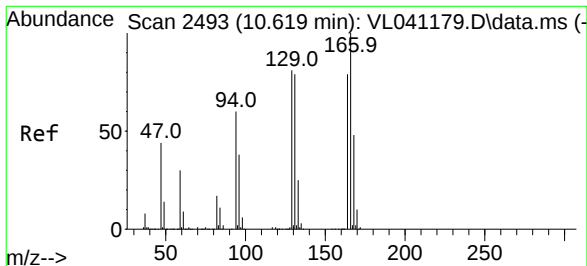
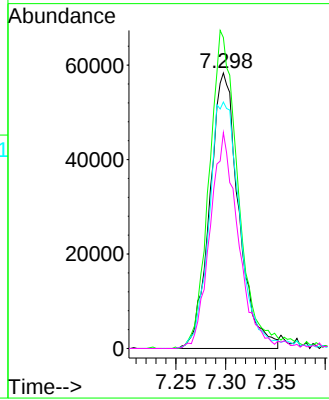
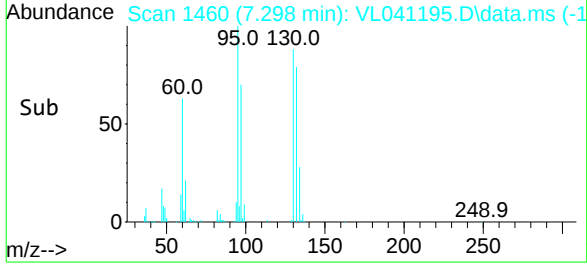
Instrument : MSVOA_L
ClientSampleId : BA-20-SS01-20240425DL



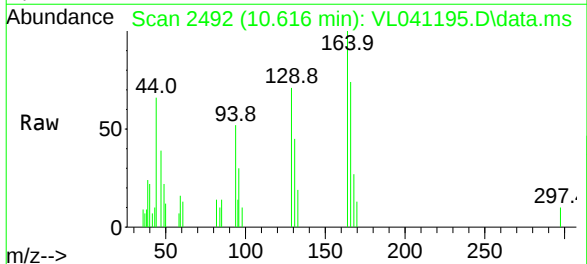
Tgt Ion:130 Resp: 117525
Ion Ratio Lower Upper
130 100
95 112.9 95.0 142.6
132 89.1 77.0 115.4
97 78.1 59.1 88.7

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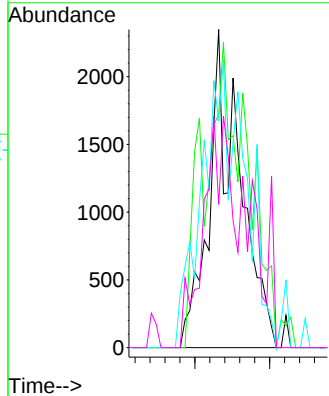
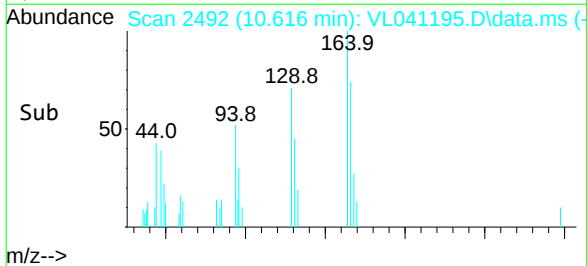
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

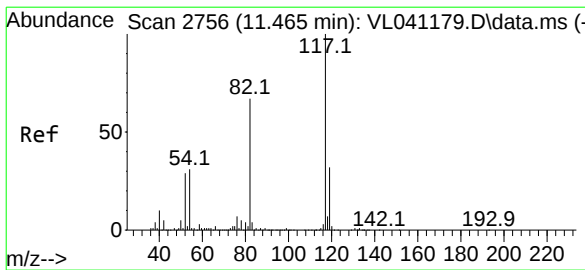


#52
Tetrachloroethene
Concen: 0.046 ppbv m
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041195.D
Acq: 2 May 2024 14:35



Tgt Ion:164 Resp: 3283
Ion Ratio Lower Upper
164 100
166 73.5 101.1 151.7#
129 71.2 81.7 122.5#
131 45.0 80.4 120.6#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2756

Delta R.T. 0.006 min

Lab File: VL041195.D

Acq: 2 May 2024 14:35

Instrument :

MSVOA_L

ClientSampleId :

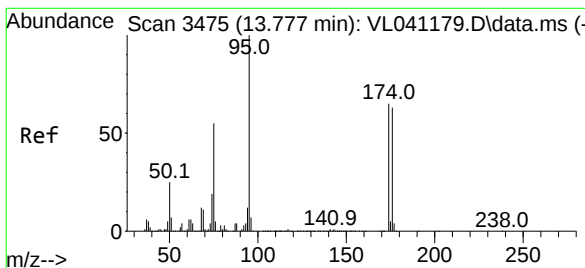
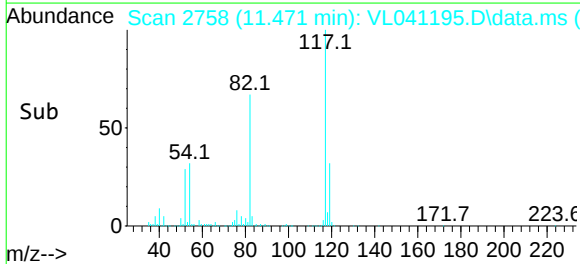
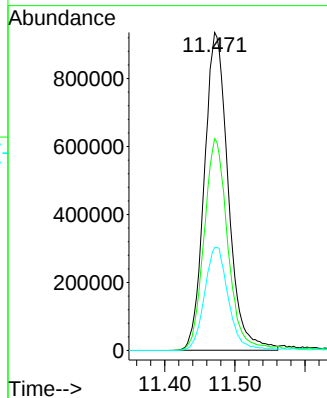
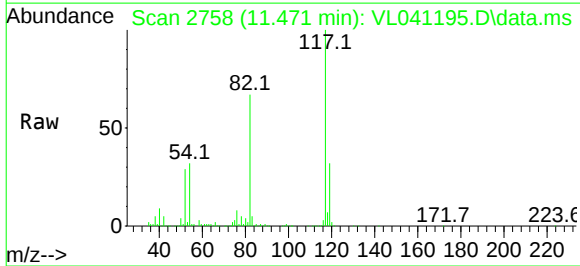
BA-20-SS01-20240425DL

Tgt Ion:117 Resp: 2210563

Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.6	80.4
119	32.9	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: 10.040 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.010 min

Lab File: VL041195.D

Acq: 2 May 2024 14:35

Tgt Ion: 95 Resp: 1675540

Ion	Ratio	Lower	Upper
95	100		
174	69.6	53.6	80.4
175	4.9	4.2	6.4

