

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041115.D
 Acq On : 15 Mar 2024 7:57
 Operator : SY/MD
 Sample : P1748-01DUPDL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-04DUPDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 16 02:12:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 15 02:44:43 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1254176	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3155704	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2849934	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2236066	10.035	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.735	85	23113m	0.097	ppbv	
4) Chloromethane	2.819	50	9910m	0.142	ppbv	
9) Propene	2.703	41	17844	0.291	ppbv	96
13) Ethanol	3.259	45	44082	2.697	ppbv	73
15) Acetone	3.484	43	109583	0.767	ppbv	96
20) Methylene Chloride	3.944	84	63997	1.149	ppbv	96
26) Hexane	5.224	57	26350m	0.229	ppbv	
34) 2-Butanone	4.809	43	41198m	0.264	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	40297m	0.103	ppbv	
53) Toluene	9.233	91	2646294	10.452	ppbv	99

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

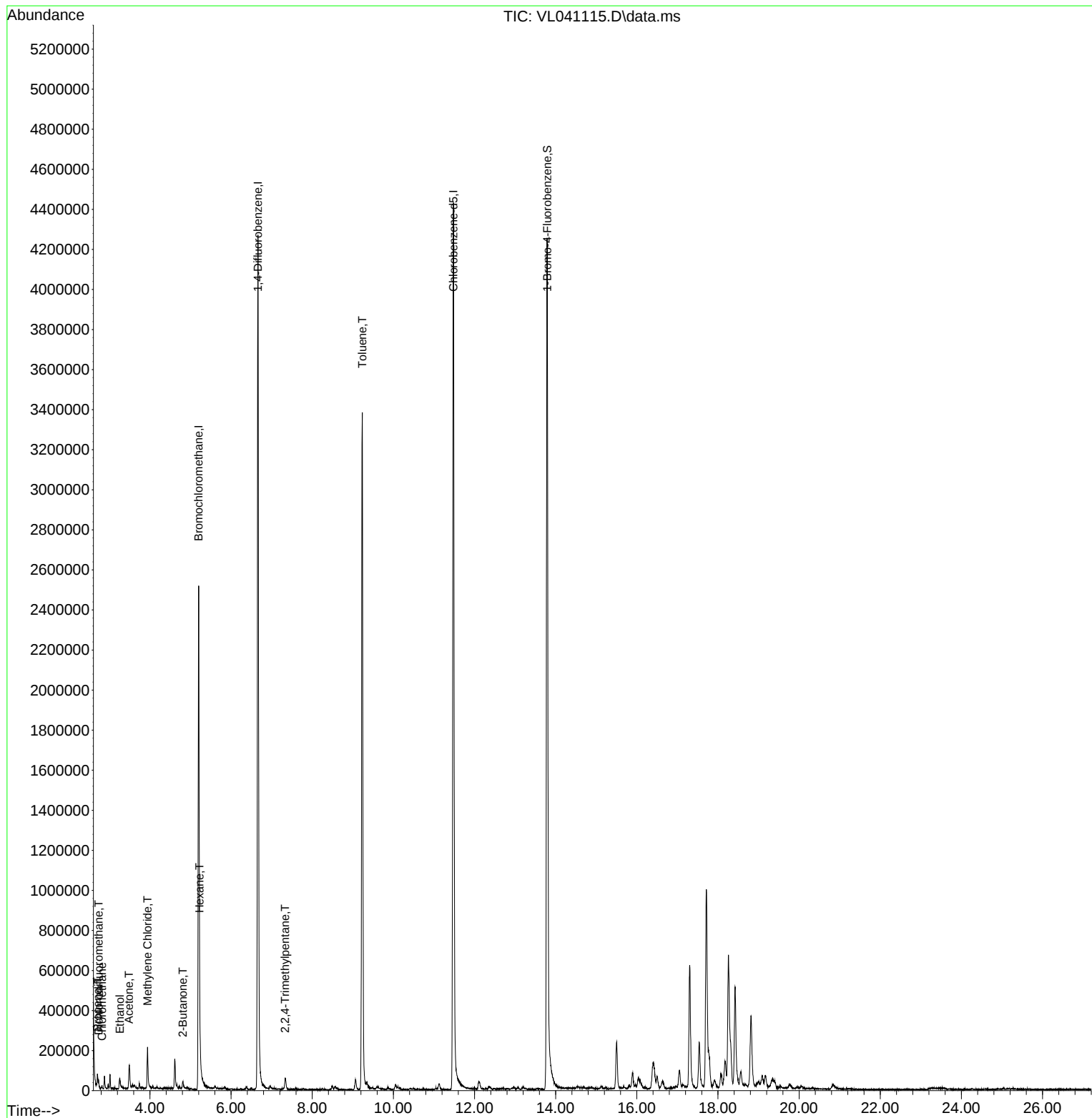
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041115.D
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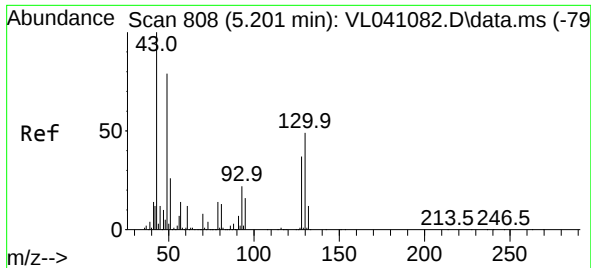
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DUPDL

Quant Time: Mar 16 02:12:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 15 02:44:43 2024
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Manual Integrations
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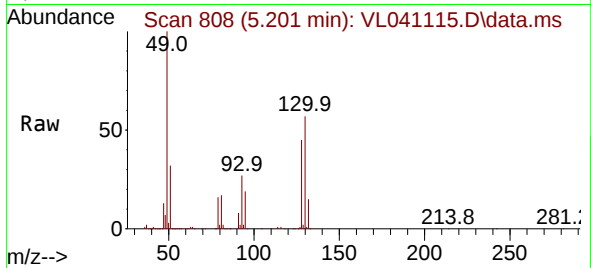
Reviewed By : Semsettin Yesilyurt 03/18/2024
Supervised By : Mahesh Dadoda 03/18/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

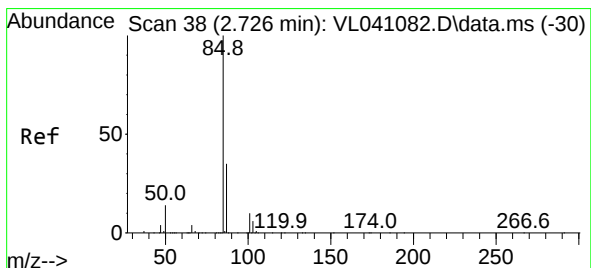
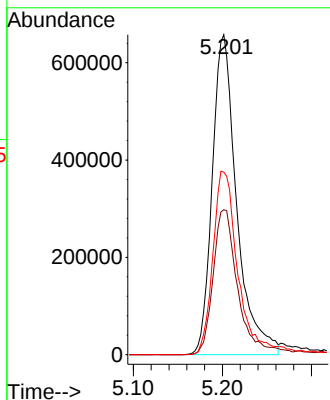
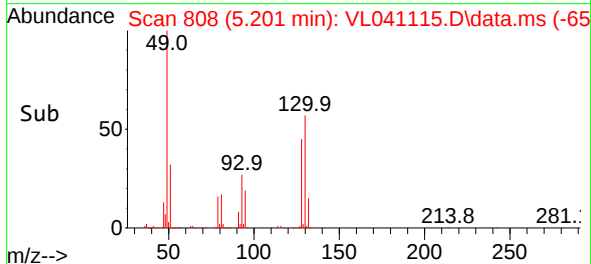
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DUPDL



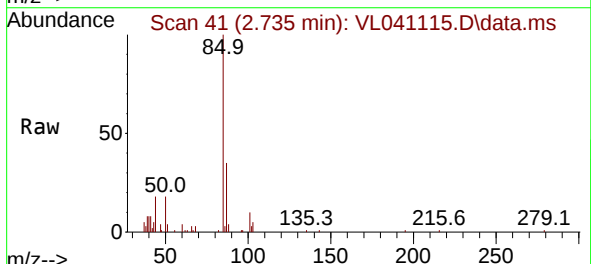
Tgt Ion: 49 Resp: 1254170
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.5
130 60.9 30.3 90.9

Manual Integrations
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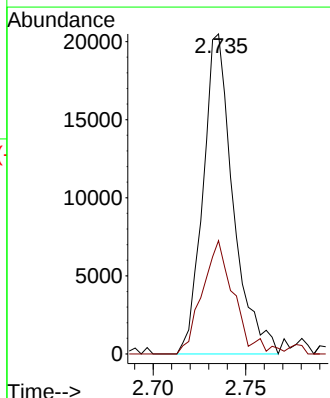
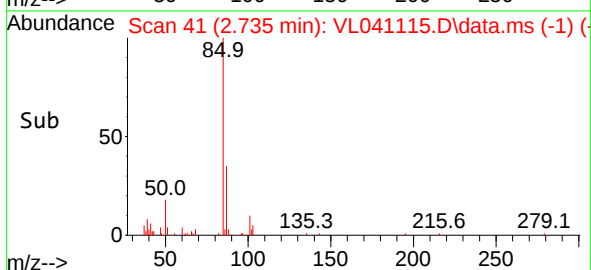
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

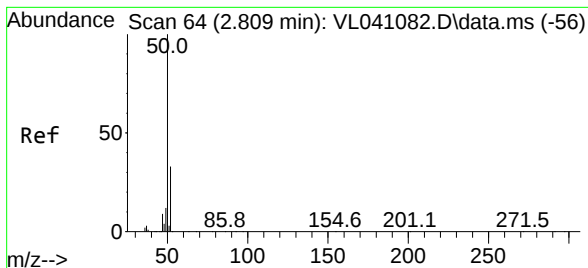


#2
Dichlorodifluoromethane
Concen: 0.097 ppbv m
RT: 2.735 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57



Tgt Ion: 85 Resp: 23113
Ion Ratio Lower Upper
85 100
87 35.4 28.1 42.1





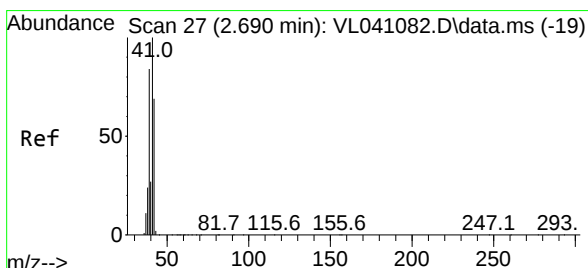
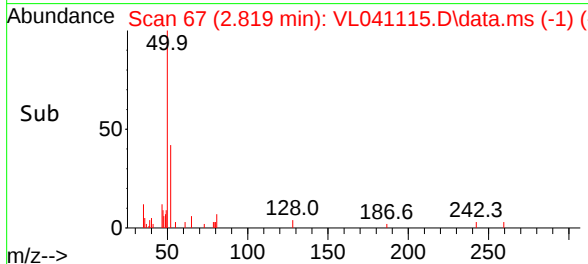
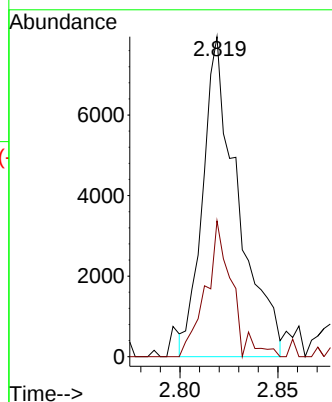
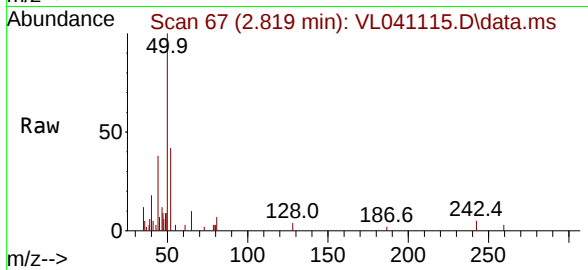
#4
Chloromethane
Concen: 0.142 ppbv m
RT: 2.819 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

Instrument :
MSVOA_L
ClientSampleId :
SVP-04DUPDL

Tgt Ion: 50 Resp: 9910
Ion Ratio Lower Upper
50 100
52 42.5 26.6 40.0

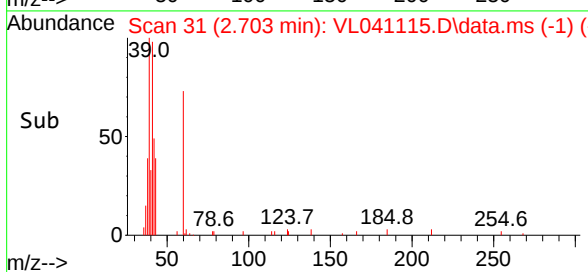
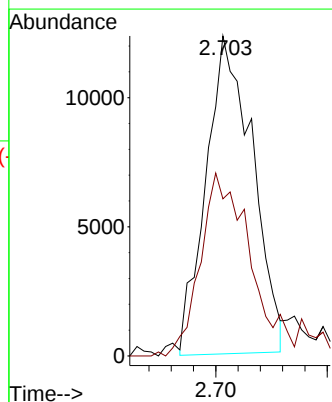
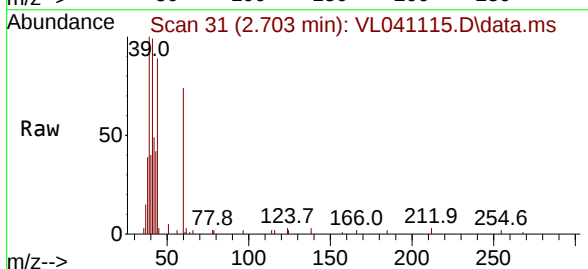
Manual Integrations
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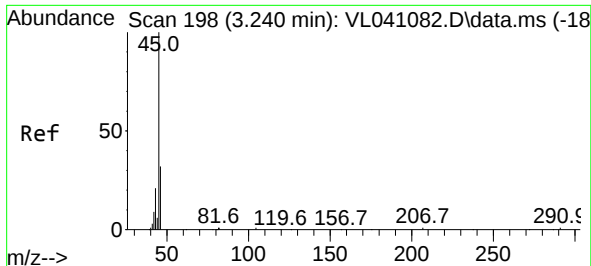
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#9
Propene
Concen: 0.291 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

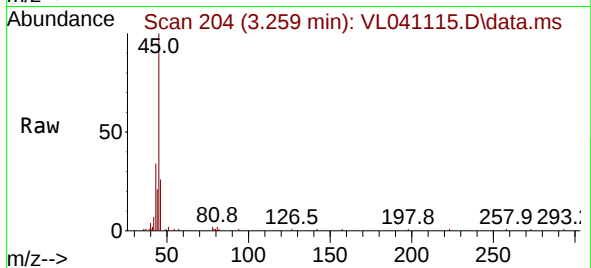
Tgt Ion: 41 Resp: 17844
Ion Ratio Lower Upper
41 100
42 66.4 55.9 83.9





#13
Ethanol
Concen: 2.697 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.019 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

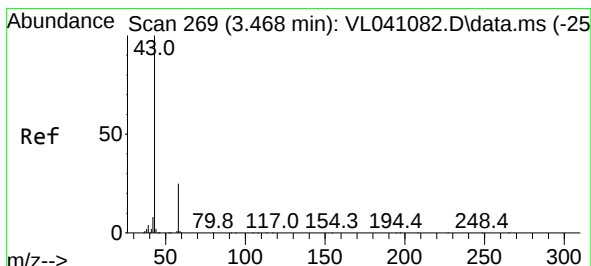
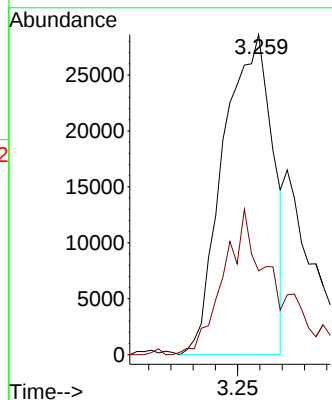
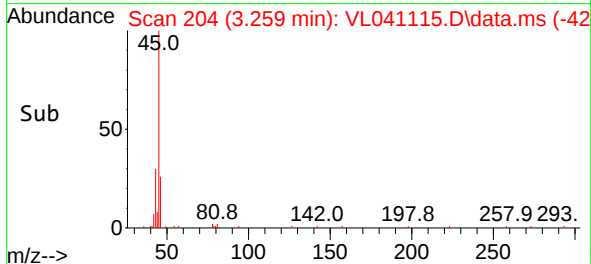
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DUPDL



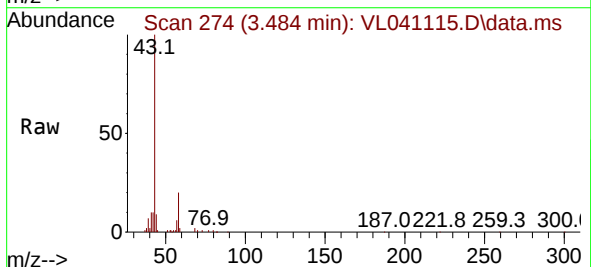
Tgt Ion: 45 Resp: 4408
Ion Ratio Lower Upper
45 100
46 52.6 14.6 58.2

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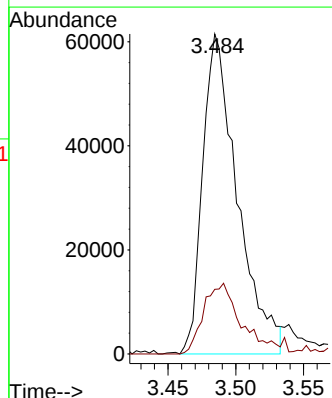
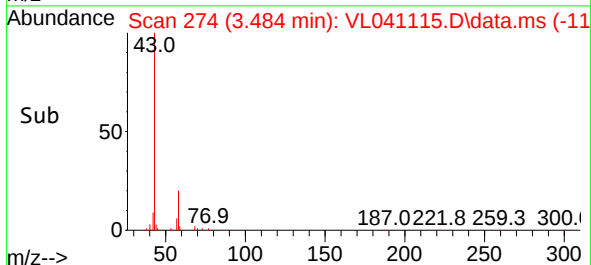
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

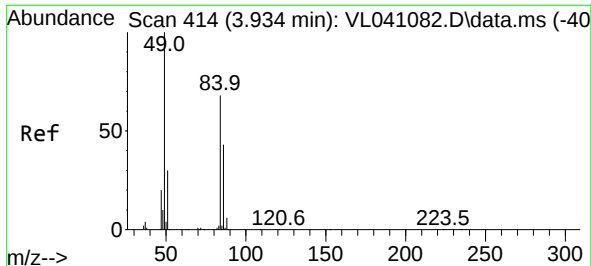


#15
Acetone
Concen: 0.767 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.016 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57



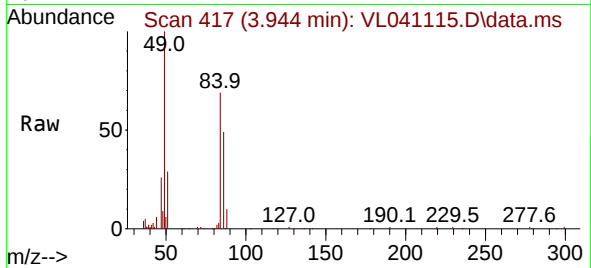
Tgt Ion: 43 Resp: 109583
Ion Ratio Lower Upper
43 100
58 24.9 21.7 32.5





#20
Methylene Chloride
Concen: 1.149 ppbv
RT: 3.944 min Scan# 414
Delta R.T. 0.010 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

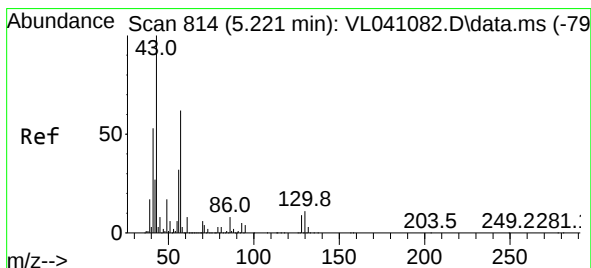
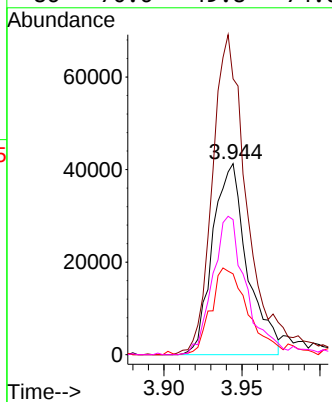
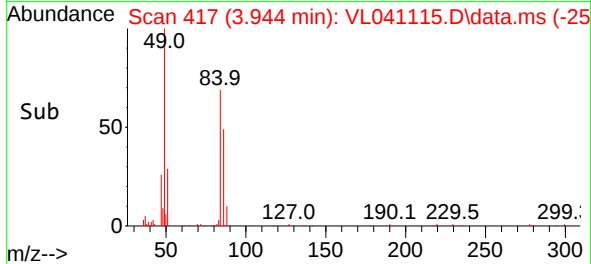
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DUPDL



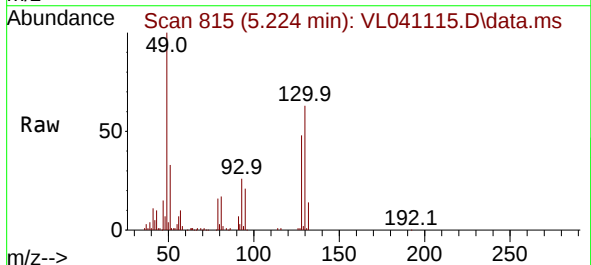
Tgt Ion: 84 Resp: 6399
Ion Ratio Lower Upper
84 100
49 143.4 117.0 175.6
51 42.3 34.9 52.3
86 70.6 49.8 74.6

Manual Integrations
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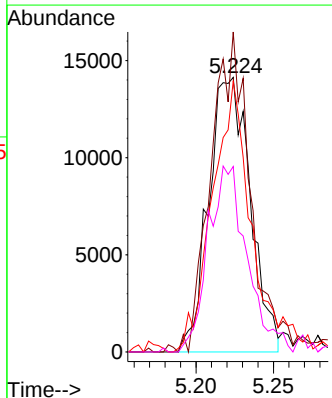
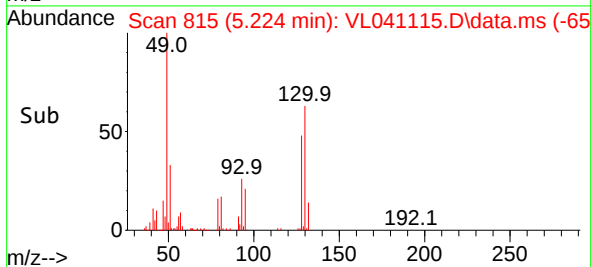
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

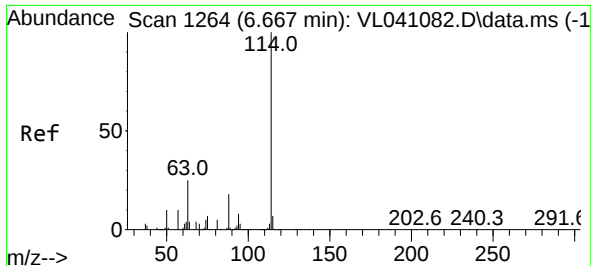


#26
Hexane
Concen: 0.229 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57



Tgt Ion: 57 Resp: 26350
Ion Ratio Lower Upper
57 100
41 111.7 73.8 110.6#
43 96.8 184.2 276.2#
56 0.0 43.1 64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL041115.D

Acq: 15 Mar 2024 7:57

Instrument :

MSVOA_L

ClientSampleId :

SVP-04DUPDL

Tgt Ion:114 Resp: 3155704

Ion Ratio Lower Upper

114 100

63 25.8 21.0 31.6

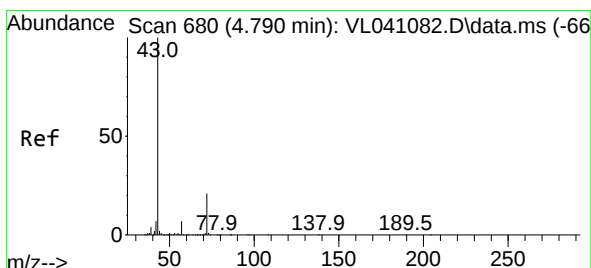
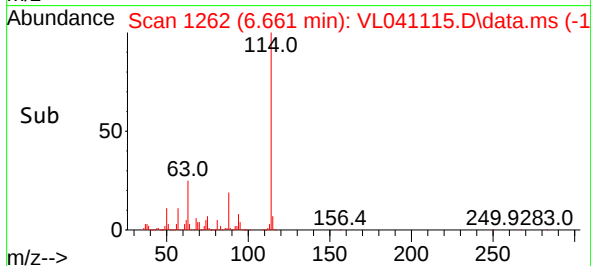
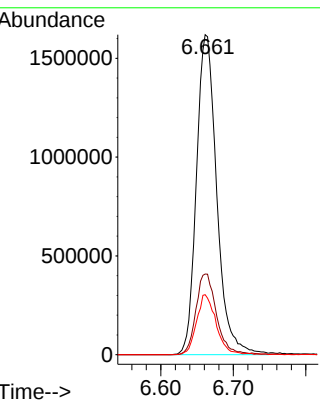
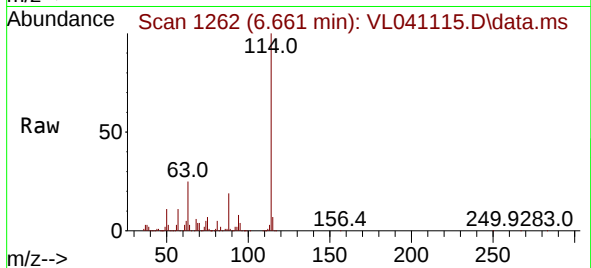
88 18.3 14.6 22.0

Manual Integrations

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#34

2-Butanone

Concen: 0.264 ppbv m

RT: 4.809 min Scan# 686

Delta R.T. 0.019 min

Lab File: VL041115.D

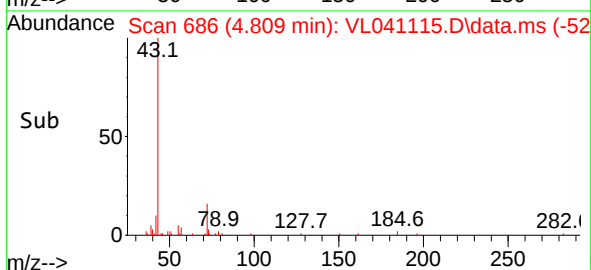
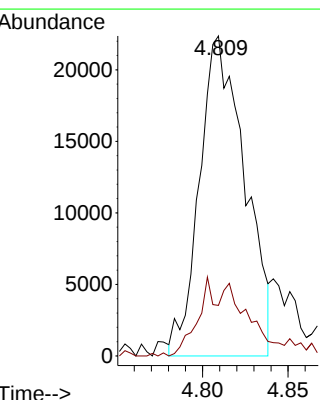
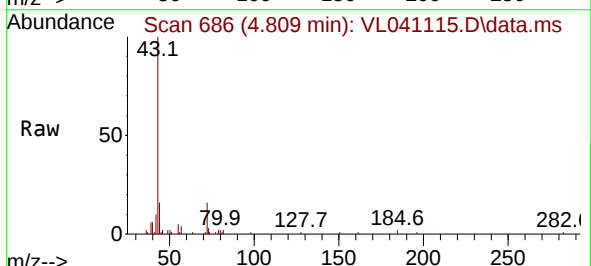
Acq: 15 Mar 2024 7:57

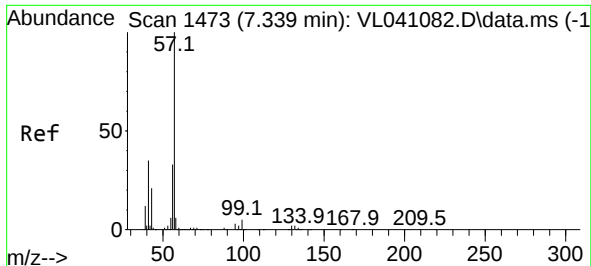
Tgt Ion: 43 Resp: 41198

Ion Ratio Lower Upper

43 100

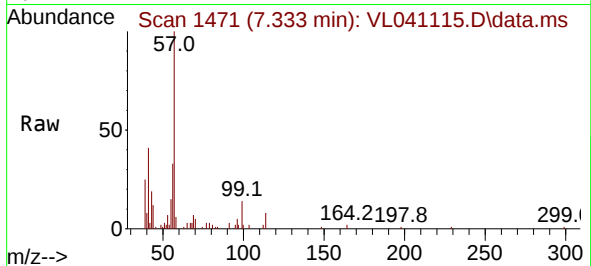
72 0.0 17.4 26.0#





#44
2,2,4-Trimethylpentane
Concen: 0.103 ppbv m
RT: 7.333 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

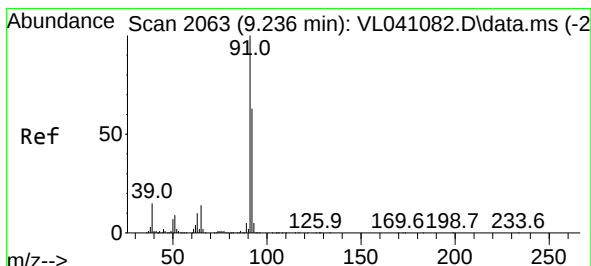
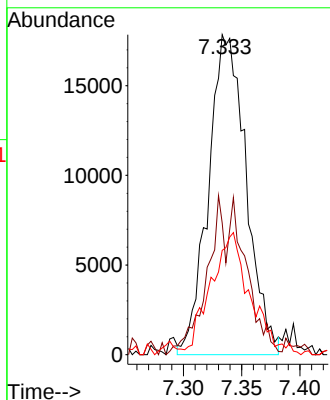
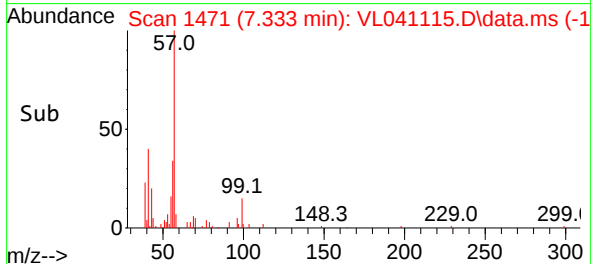
Instrument :
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SVP-04DUPDL



Tgt Ion: 57 Resp: 4029
Ion Ratio Lower Upper
57 100
41 50.4 28.0 42.0
56 41.6 25.7 38.5

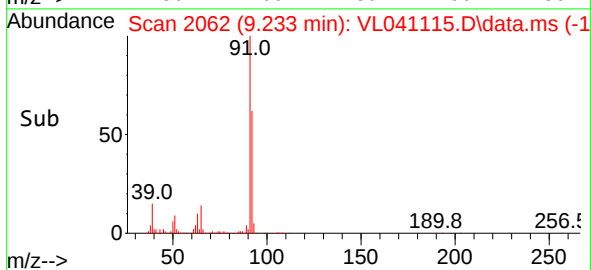
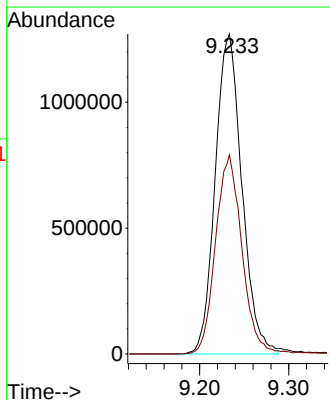
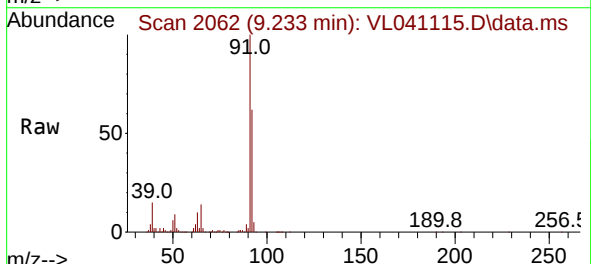
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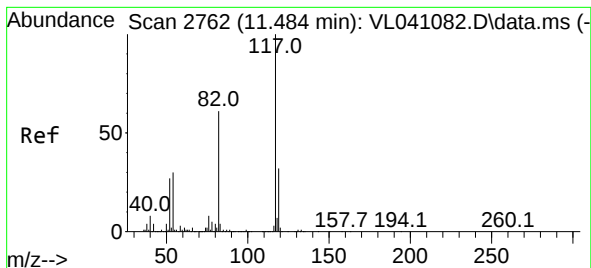
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#53
Toluene
Concen: 10.452 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

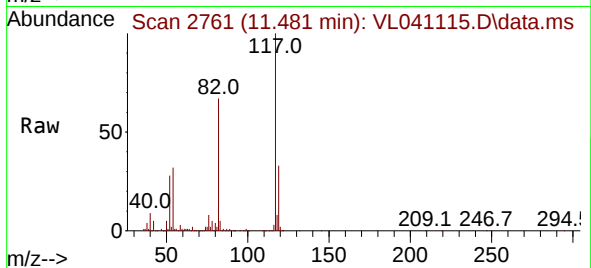
Tgt Ion: 91 Resp: 2646294
Ion Ratio Lower Upper
91 100
92 62.0 48.9 73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

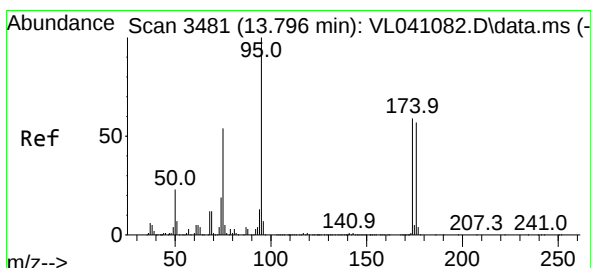
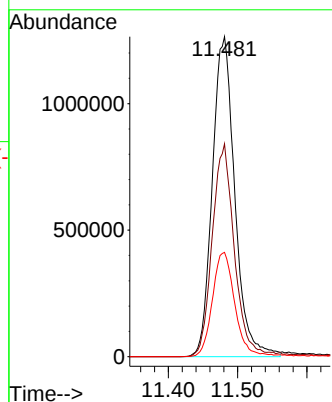
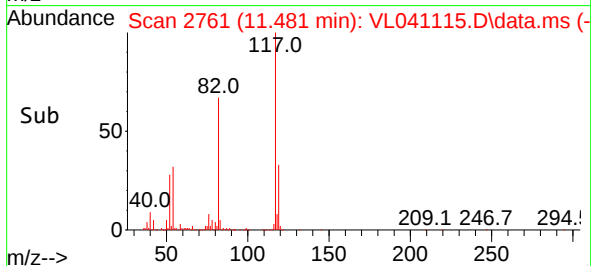
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DUPDL



Tgt Ion:117 Resp: 2849934
Ion Ratio Lower Upper
117 100
82 67.3 51.4 77.2
119 33.4 23.7 35.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.035 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. -0.003 min
Lab File: VL041115.D
Acq: 15 Mar 2024 7:57

Tgt Ion: 95 Resp: 2236066
Ion Ratio Lower Upper
95 100
174 60.0 47.8 71.8
175 4.3 3.5 5.3

