

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040861.D
 Acq On : 14 Nov 2023 21:52
 Operator : SY/MD
 Sample : 05275-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-OA-8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 16 04:52:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	939237	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	2500143	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2272848	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1731972	9.733	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
11) Trichlorofluoromethane	3.578	101	33406	0.228	ppbv	92
15) Acetone	3.488	43	833606	8.333	ppbv	97
20) Methylene Chloride	3.944	84	54596	1.323	ppbv	92
26) Hexane	5.214	57	858784	9.368	ppbv #	41
29) Chloroform	5.272	83	9408	0.061	ppbv	100
36) Benzene	6.362	78	107431m	0.529	ppbv	
44) 2,2,4-Trimethylpentane	7.311	57	92547m	0.275	ppbv	
53) Toluene	9.198	91	208976	0.936	ppbv	99
58) Ethyl Benzene	12.056	91	49034	0.165	ppbv	94
59) m/p-Xylene	12.314	91	128652m	0.509	ppbv	
60) o-Xylene	13.027	91	56039m	0.233	ppbv	

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

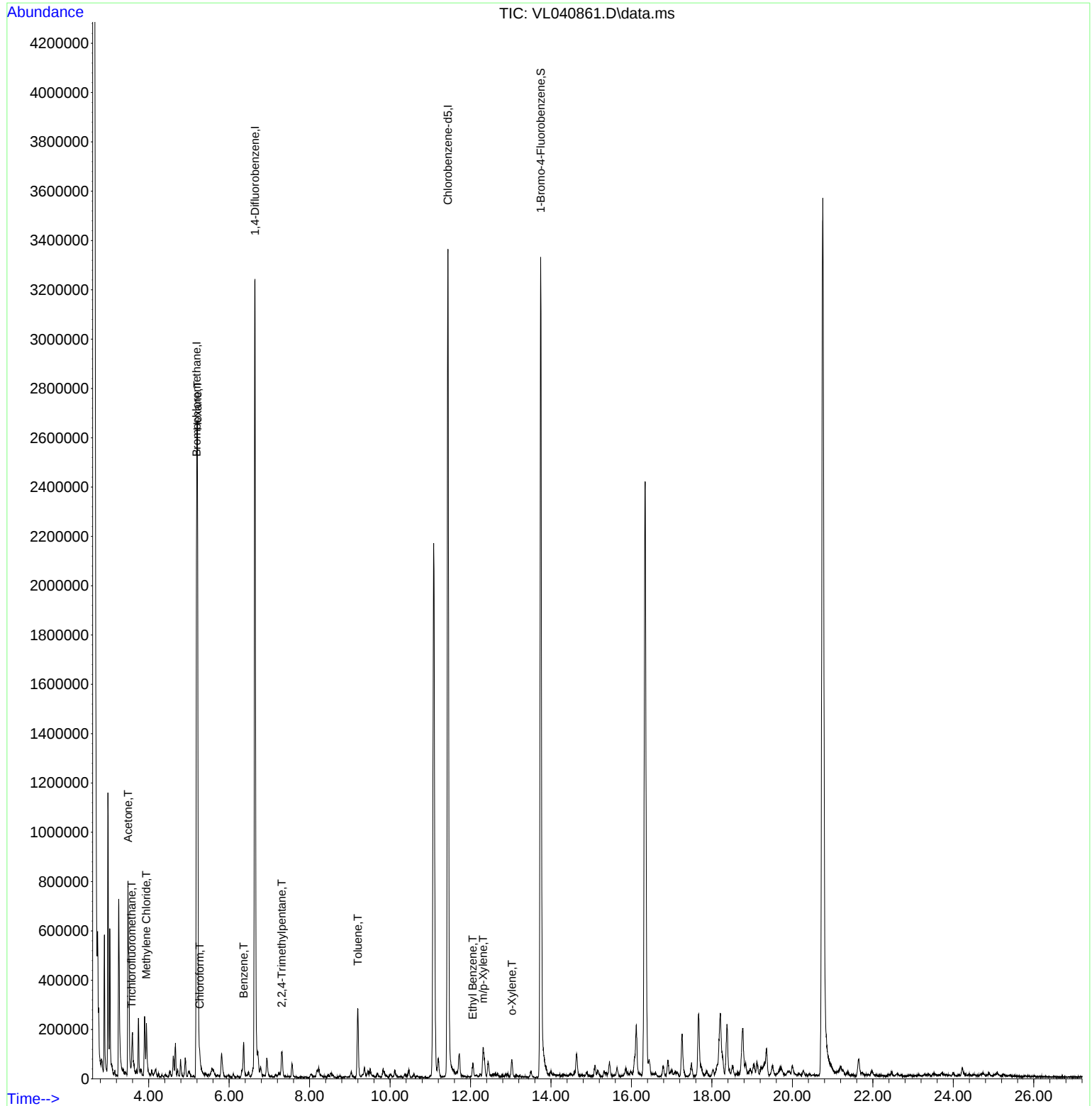
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040861.D
Acq On : 14 Nov 2023 21:52
Operator : SY/MD
Sample : 05275-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

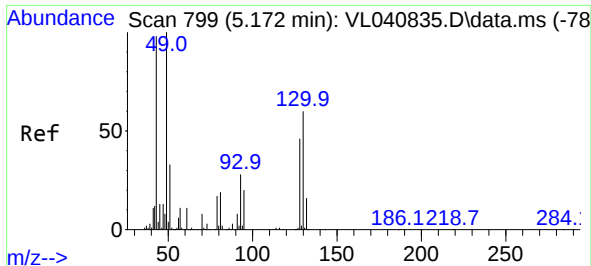
Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8

Quant Time: Nov 16 04:52:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

Manual Integrations
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Supervised By :Semsettin Yesilyurt 11/17/2023





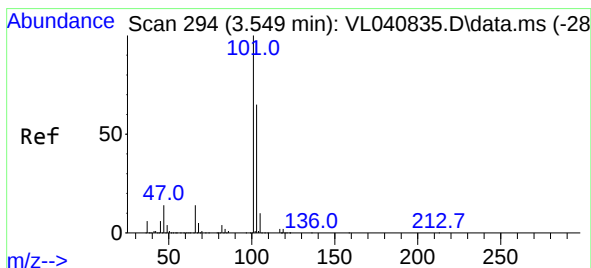
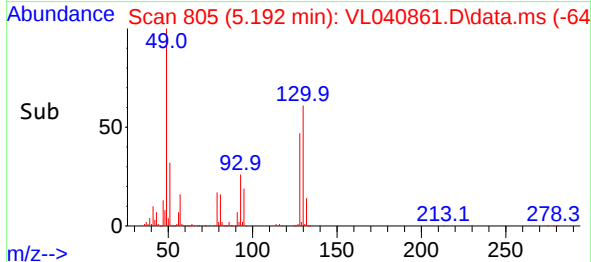
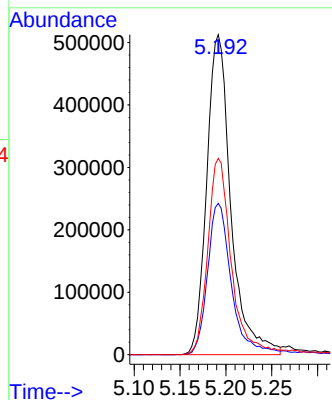
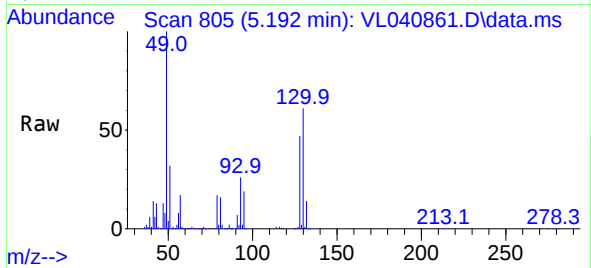
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.020 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8

Tgt Ion: 49 Resp: 93923
Ion Ratio Lower Upper
49 100
128 48.3 23.8 71.2
130 62.1 30.9 92.8

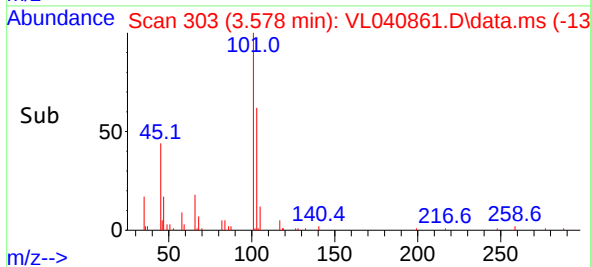
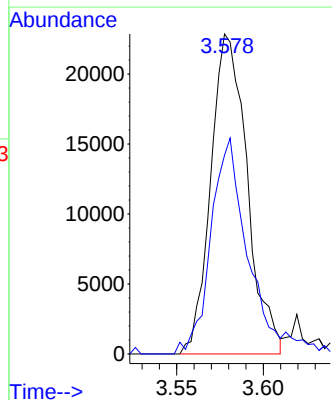
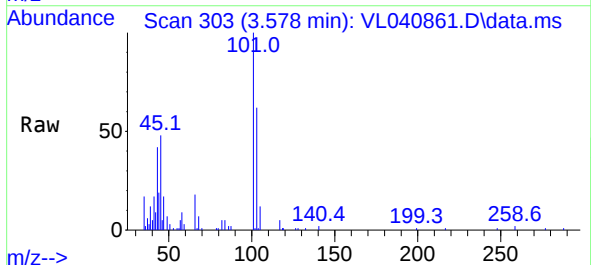
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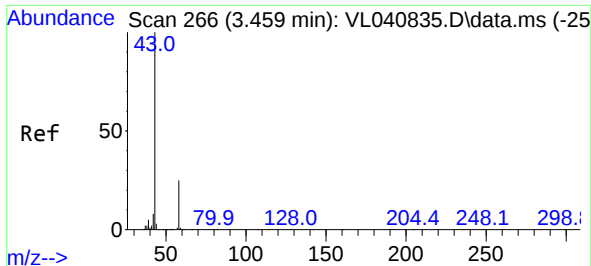
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#11
Trichlorofluoromethane
Concen: 0.228 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.029 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

Tgt Ion:101 Resp: 33406
Ion Ratio Lower Upper
101 100
103 58.5 51.8 77.8





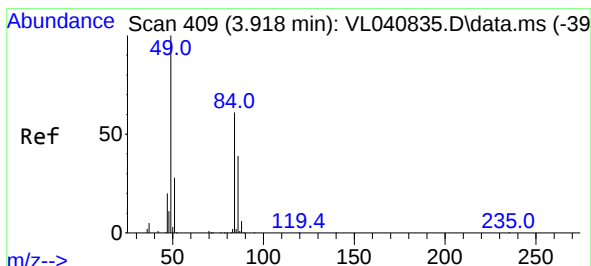
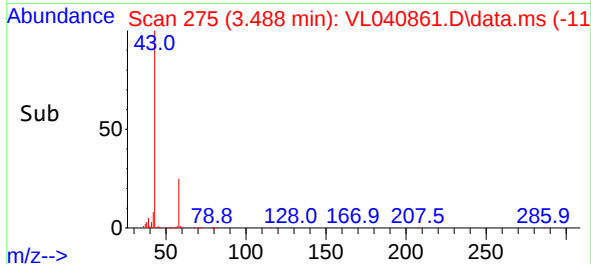
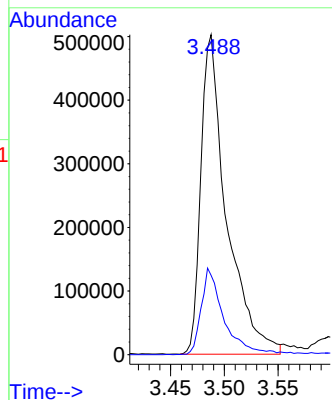
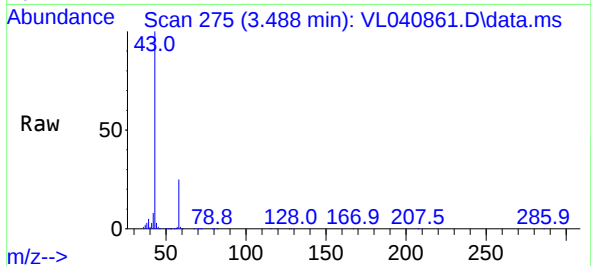
#15
Acetone
Concen: 8.333 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8

Tgt Ion: 43 Resp: 833600
Ion Ratio Lower Upper
43 100
58 24.5 20.9 31.3

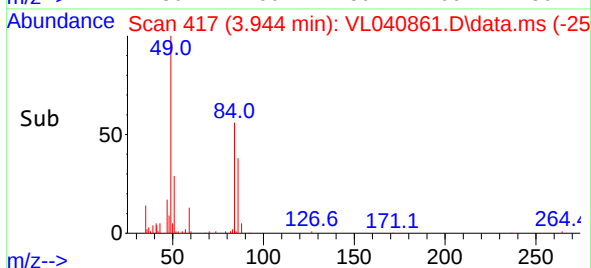
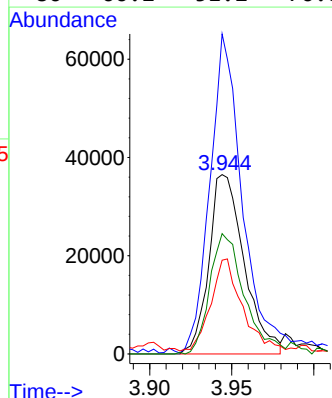
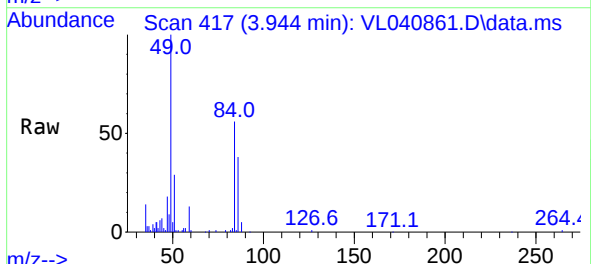
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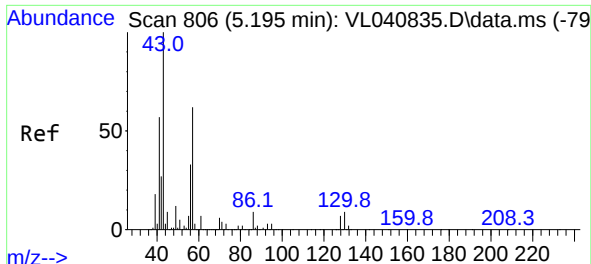
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#20
Methylene Chloride
Concen: 1.323 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.026 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

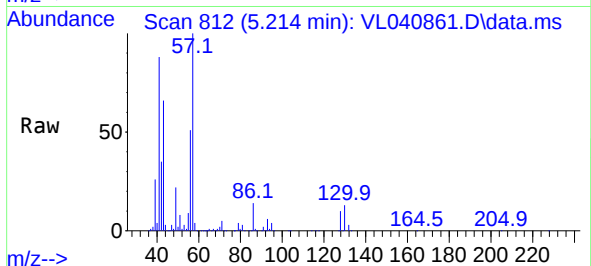
Tgt Ion: 84 Resp: 54596
Ion Ratio Lower Upper
84 100
49 177.9 131.0 196.4
51 51.8 36.9 55.3
86 66.2 51.2 76.8





#26
Hexane
Concen: 9.368 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.019 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

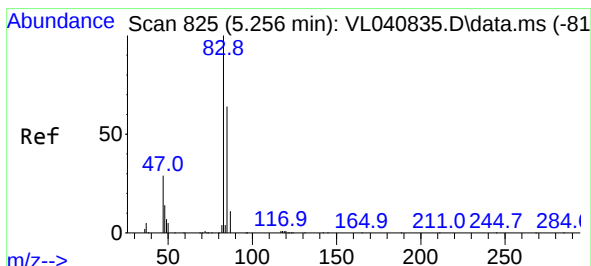
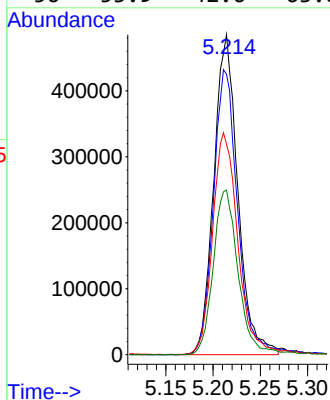
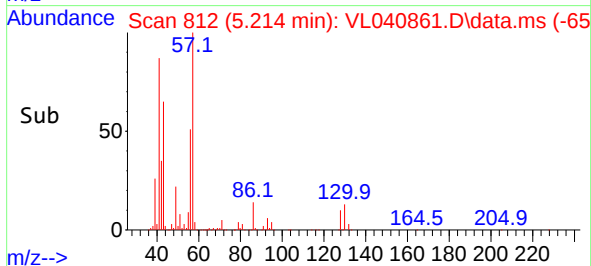
Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8



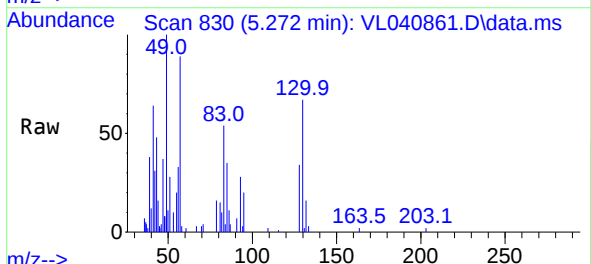
Tgt Ion: 57 Resp: 858784
Ion Ratio Lower Upper
57 100
41 91.2 75.4 113.0
43 73.4 185.9 278.9
56 53.9 42.6 63.8

Manual Integrations
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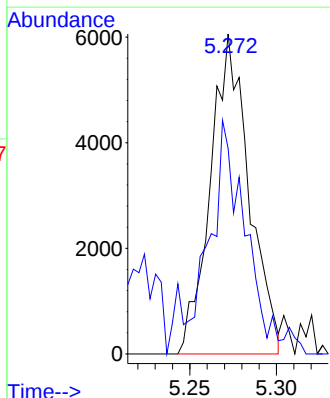
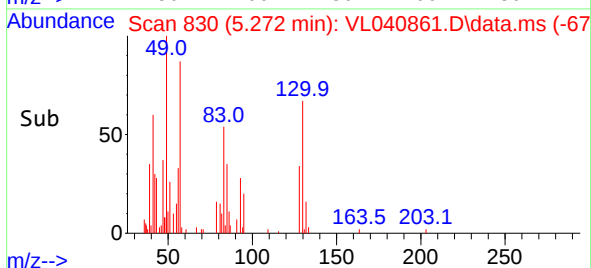
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

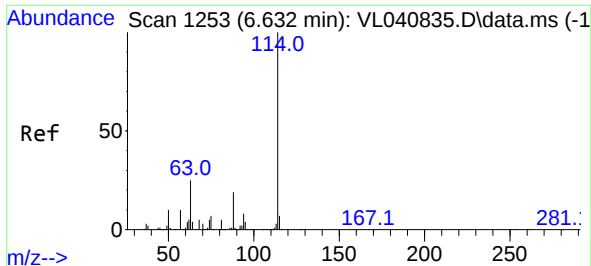


#29
Chloroform
Concen: 0.061 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.016 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52



Tgt Ion: 83 Resp: 9408
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

Instrument :

MSVOA_L

ClientSampleId :

NT-OA-8

Tgt Ion:114 Resp: 250014

Ion Ratio Lower Upper

114 100

63 24.8 20.9 31.3

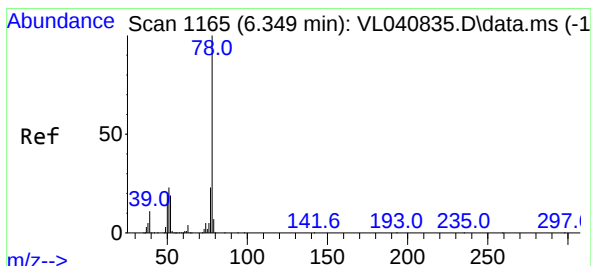
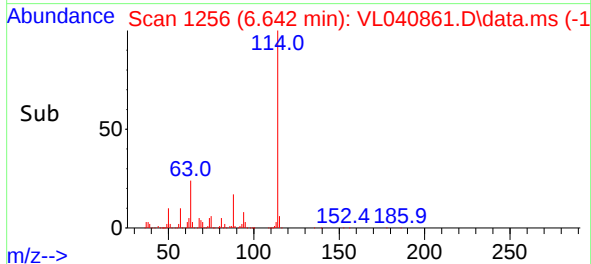
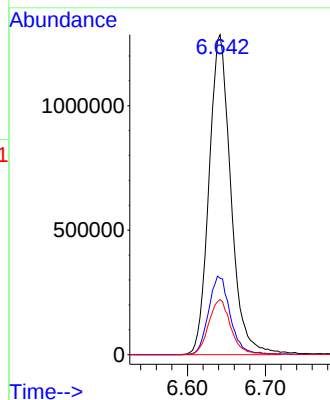
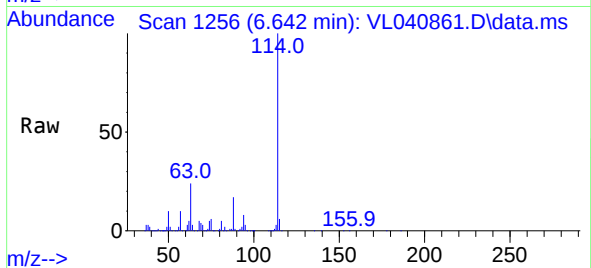
88 17.8 14.3 21.5

Manual Integrations

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#36

Benzene

Concen: 0.529 ppbv m

RT: 6.362 min Scan# 1169

Delta R.T. 0.013 min

Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

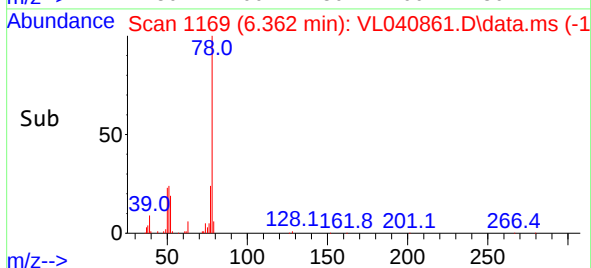
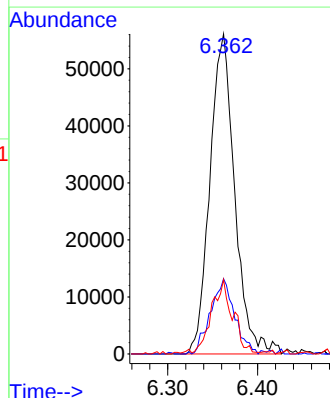
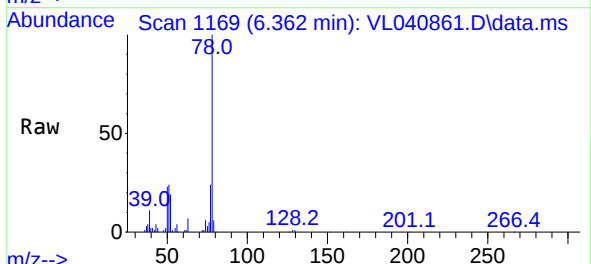
Tgt Ion: 78 Resp: 107431

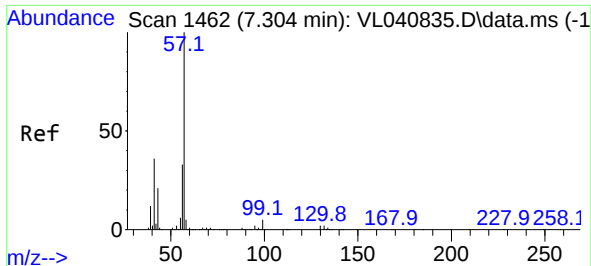
Ion Ratio Lower Upper

78 100

77 23.5 18.4 27.6

50 23.2 16.2 24.2





#44

2,2,4-Trimethylpentane

Concen: 0.275 ppbv m

RT: 7.311 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

Instrument :

MSVOA_L

ClientSampleId :

NT-OA-8

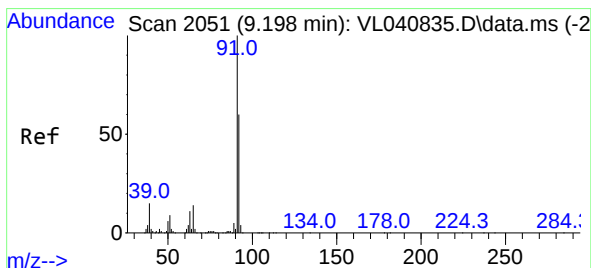
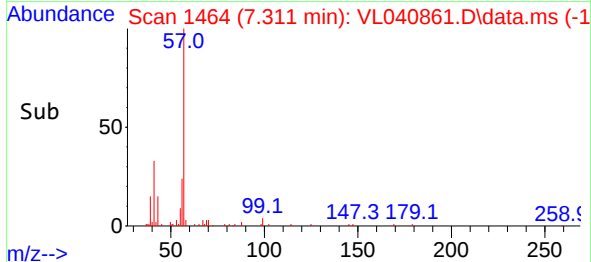
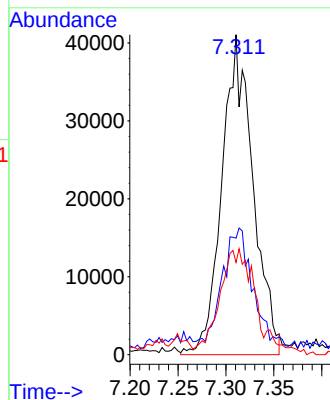
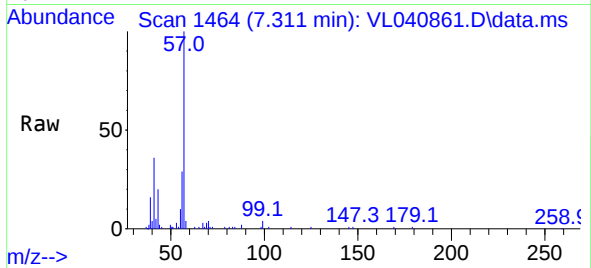
Tgt Ion: 57 Resp: 9254

Ion	Ratio	Lower	Upper
57	100		
41	43.4	29.0	43.6
56	38.7	25.2	37.8

Manual Integrations

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#53

Toluene

Concen: 0.936 ppbv

RT: 9.198 min Scan# 2051

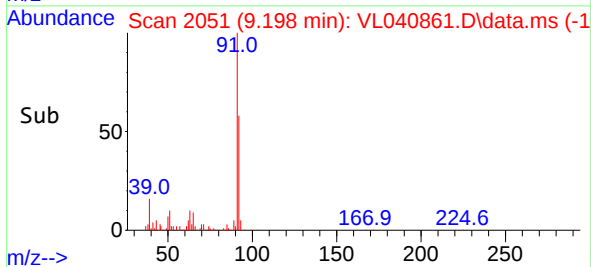
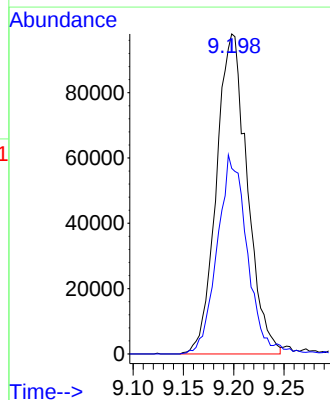
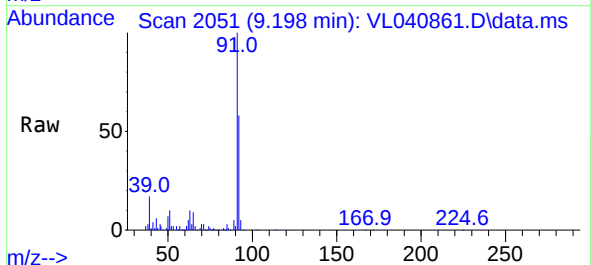
Delta R.T. -0.000 min

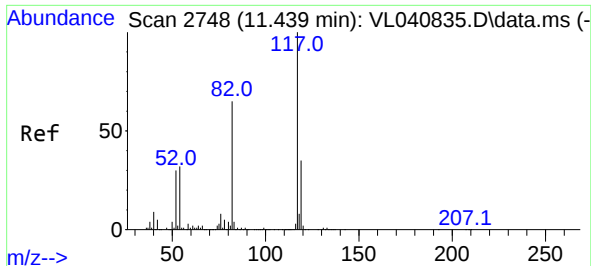
Lab File: VL040861.D

Acq: 14 Nov 2023 21:52

Tgt Ion: 91 Resp: 208976

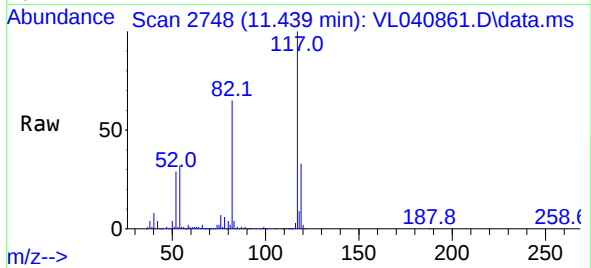
Ion	Ratio	Lower	Upper
91	100		
92	60.9	49.4	74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

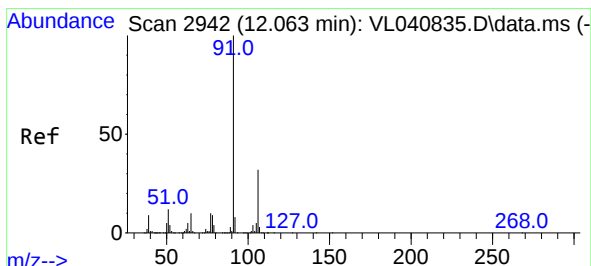
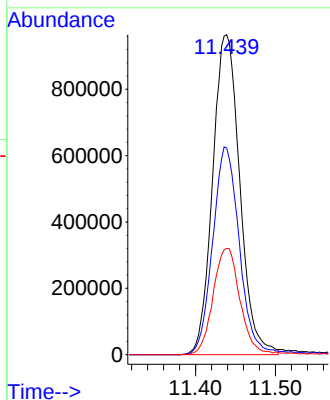
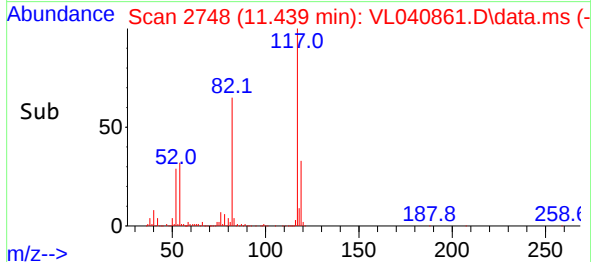
Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8



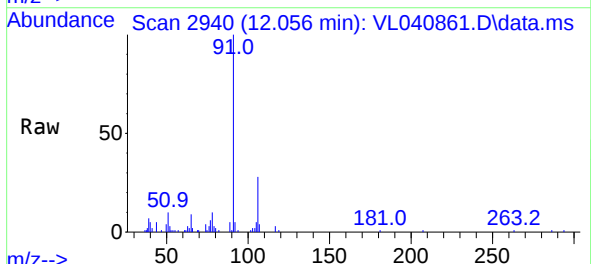
Tgt Ion:117 Resp: 227284
Ion Ratio Lower Upper
117 100
82 64.2 50.6 75.8
119 33.2 23.3 34.9

Manual Integrations
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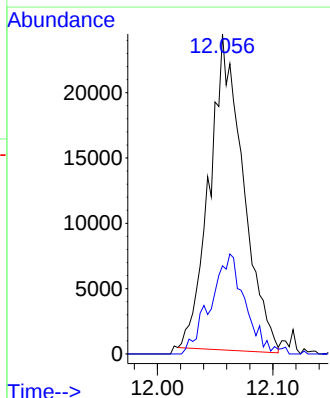
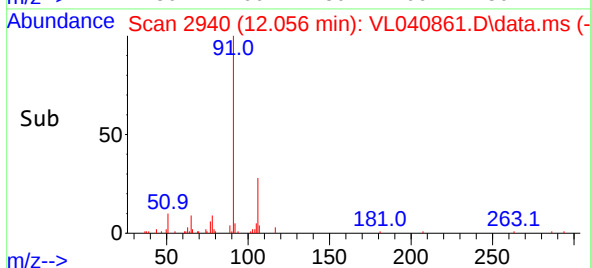
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

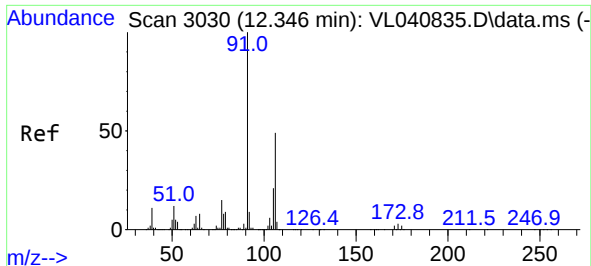


#58
Ethyl Benzene
Concen: 0.165 ppbv
RT: 12.056 min Scan# 2940
Delta R.T. -0.007 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52



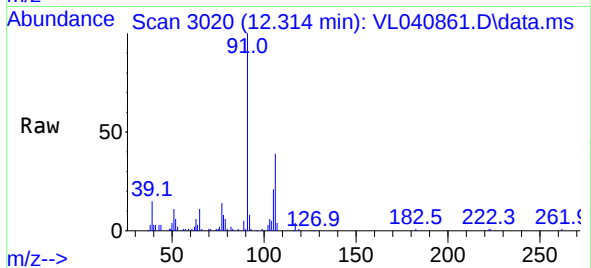
Tgt Ion: 91 Resp: 49034
Ion Ratio Lower Upper
91 100
106 28.1 25.2 37.8





#59
m/p-Xylene
Concen: 0.509 ppbv m
RT: 12.314 min Scan# 3030
Delta R.T. -0.032 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

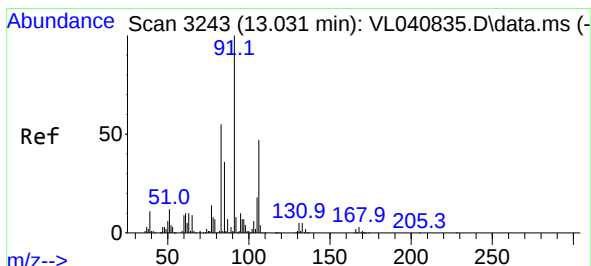
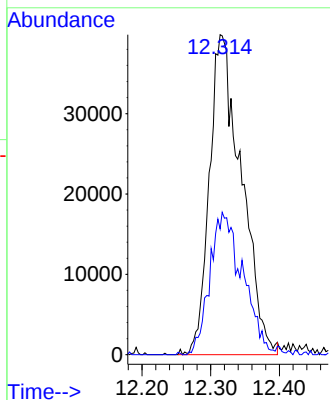
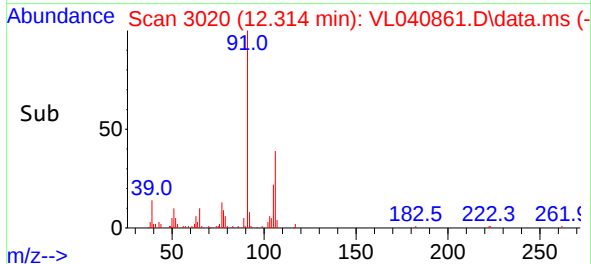
Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8



Tgt Ion: 91 Resp: 128652
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.0

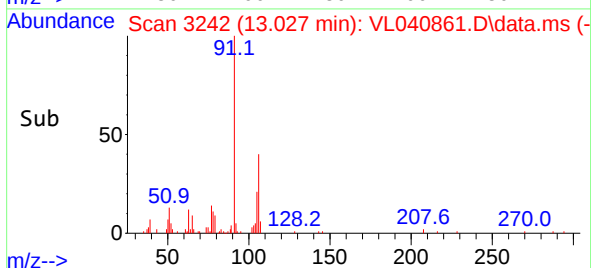
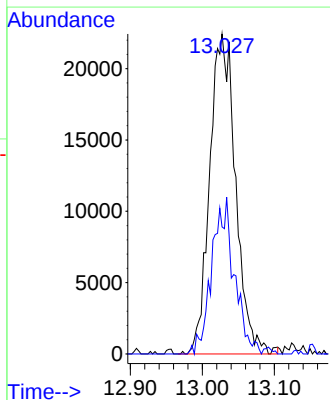
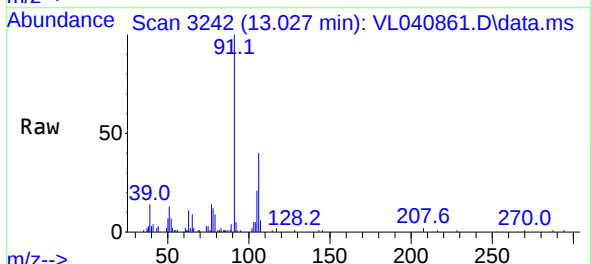
Manual Integrations
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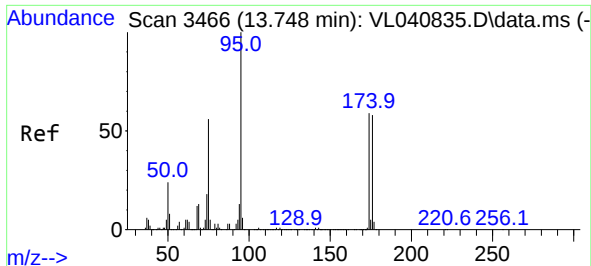
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 0.233 ppbv m
RT: 13.027 min Scan# 3242
Delta R.T. -0.003 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

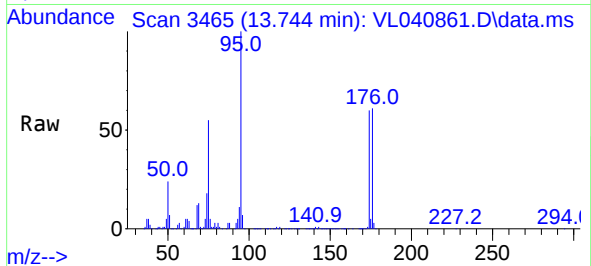
Tgt Ion: 91 Resp: 56039
Ion Ratio Lower Upper
91 100
106 0.0 22.9 68.5





#68
1-Bromo-4-Fluorobenzene
Concen: 9.733 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040861.D
Acq: 14 Nov 2023 21:52

Instrument :
MSVOA_L
ClientSampleId :
NT-OA-8



Tgt Ion: 95 Resp: 1731972
Ion Ratio Lower Upper
95 100
174 62.0 47.5 71.3
175 4.6 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

