

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040870.D
 Acq On : 15 Nov 2023 15:47
 Operator : SY/MD
 Sample : 05277-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 16 05:53:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1076934	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	2750469	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2446418	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1916100	10.004	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
13) Ethanol	3.259	45	2316035	205.834	ppbv #	100
15) Acetone	3.481	43	2781388	24.250	ppbv	92
20) Methylene Chloride	3.944	84	594716	12.564	ppbv	97
26) Hexane	5.211	57	383756	3.651	ppbv #	42
27) Carbon Disulfide	4.134	76	228823	1.717	ppbv	96
34) 2-Butanone	4.793	43	132088	0.943	ppbv #	87
36) Benzene	6.359	78	306053m	1.371	ppbv	
53) Toluene	9.201	91	117090	0.477	ppbv	99

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

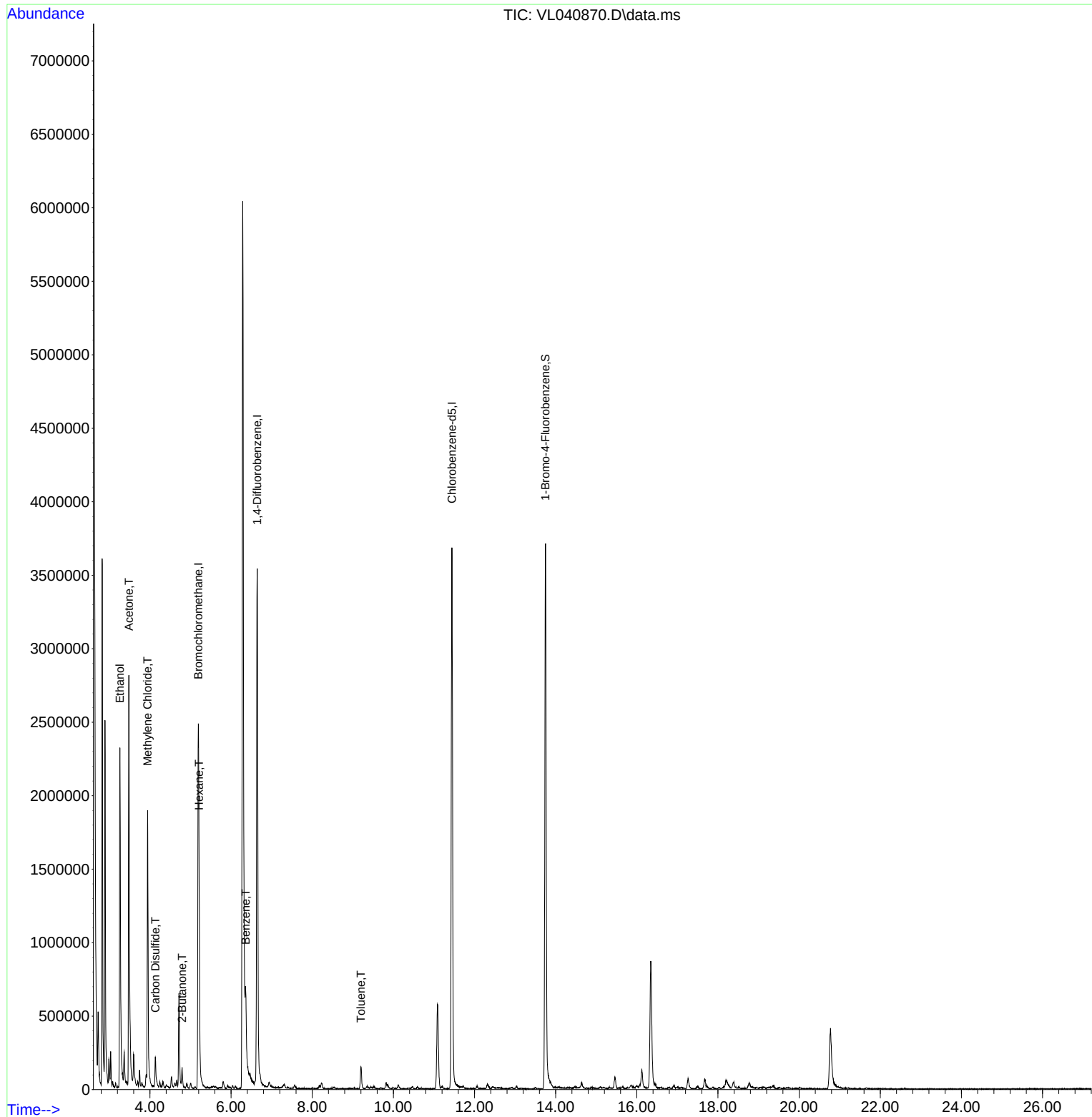
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
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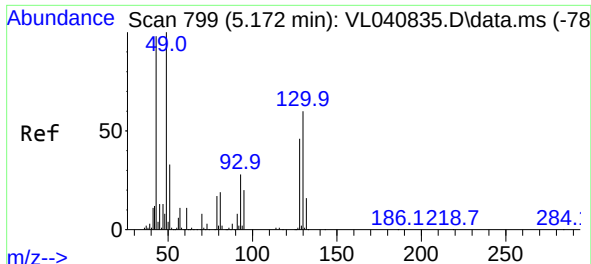
Instrument :
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ClientSampleId :
NT-SS-4

Quant Time: Nov 16 05:53:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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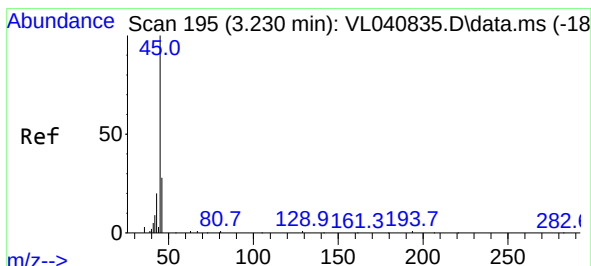
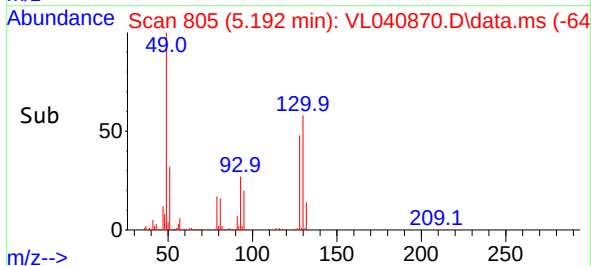
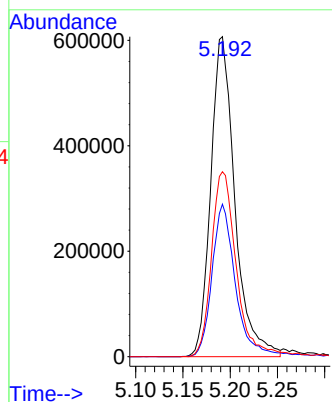
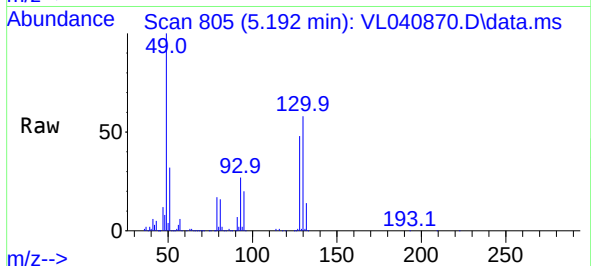
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-4

Tgt Ion: 49 Resp: 1076934
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.2
130 60.8 30.9 92.8

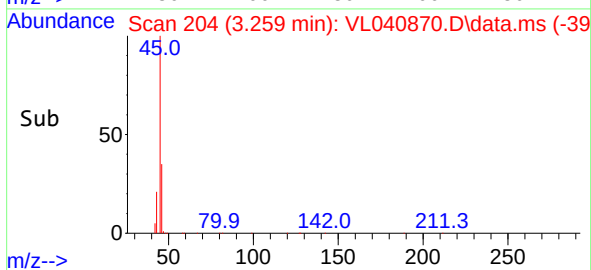
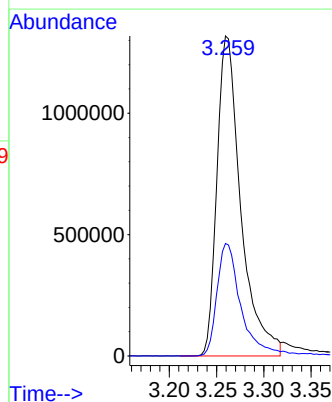
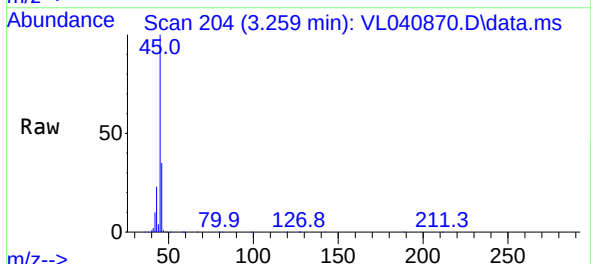
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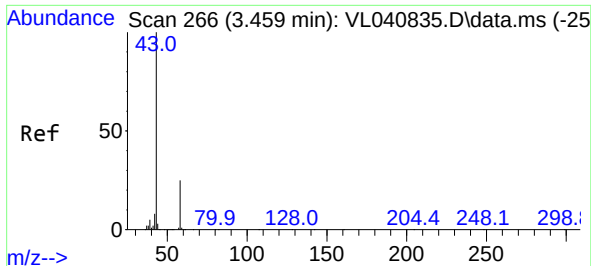
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#13
Ethanol
Concen: 205.834 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.029 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

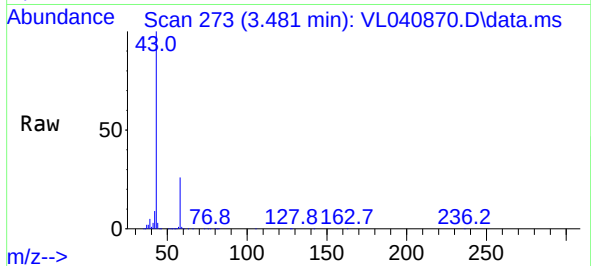
Tgt Ion: 45 Resp: 2316035
Ion Ratio Lower Upper
45 100
46 36.6 0.0 0.0#





#15
Acetone
Concen: 24.250 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

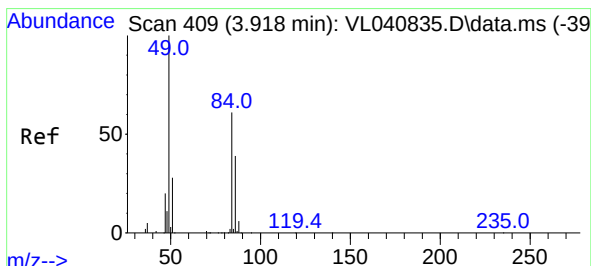
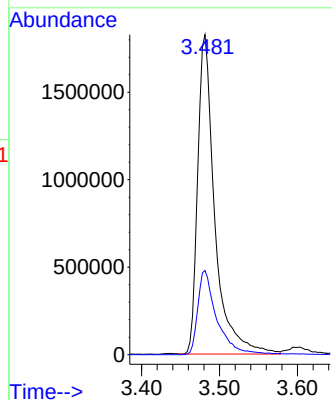
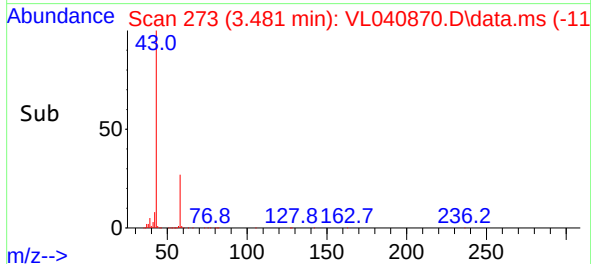
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-4



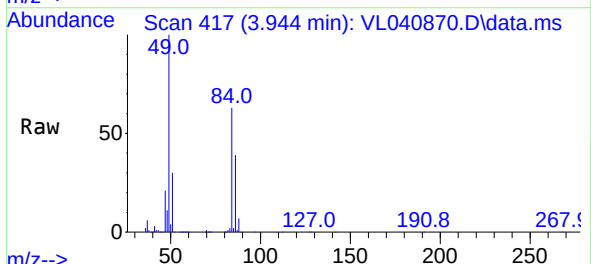
Tgt Ion: 43 Resp: 278138
Ion Ratio Lower Upper
43 100
58 30.1 20.9 31.3

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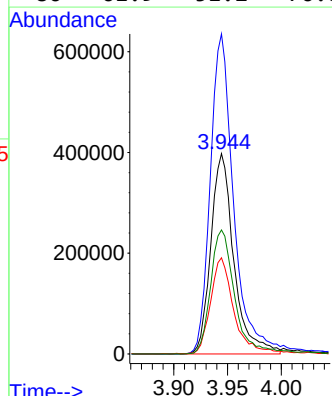
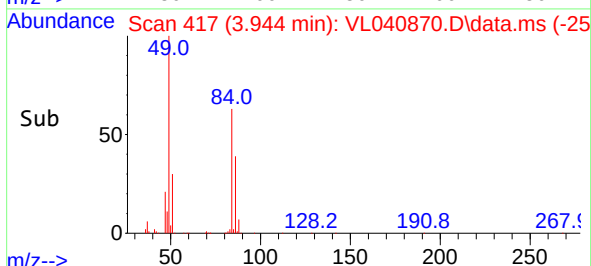
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

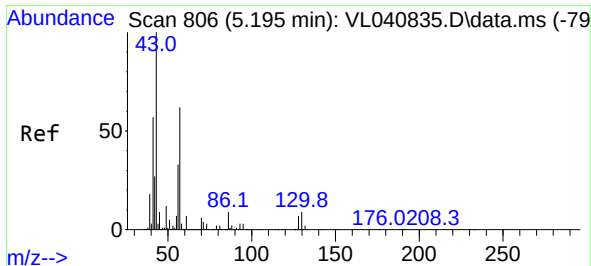


#20
Methylene Chloride
Concen: 12.564 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.026 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47



Tgt Ion: 84 Resp: 594716
Ion Ratio Lower Upper
84 100
49 159.6 131.0 196.4
51 47.7 36.9 55.3
86 61.9 51.2 76.8





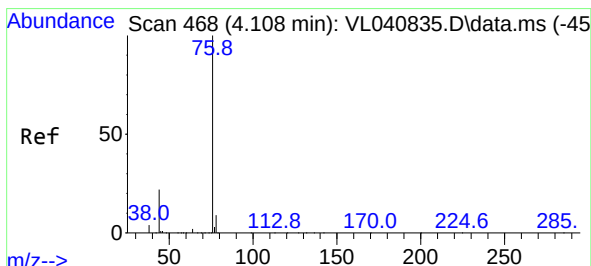
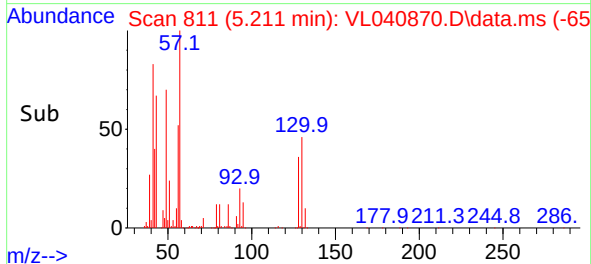
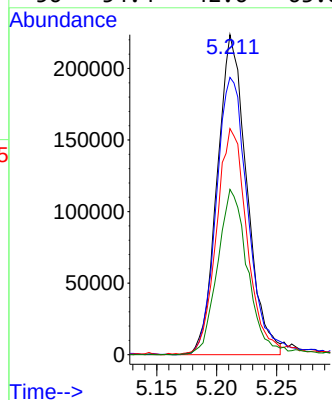
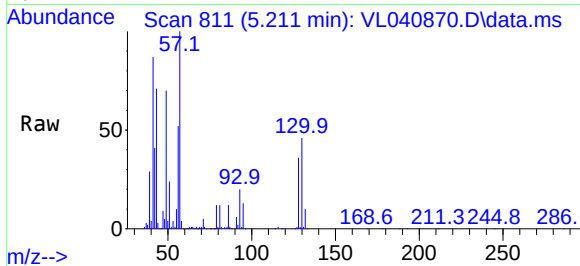
#26
Hexane
Concen: 3.651 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

Instrument :
MSVOA_L
Client Sample Id :
NT-SS-4

Tgt Ion: 57 Resp: 383750
Ion Ratio Lower Upper
57 100
41 95.0 75.4 113.0
43 75.6 185.9 278.9
56 54.4 42.6 63.8

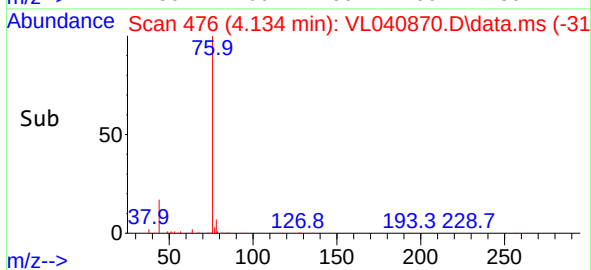
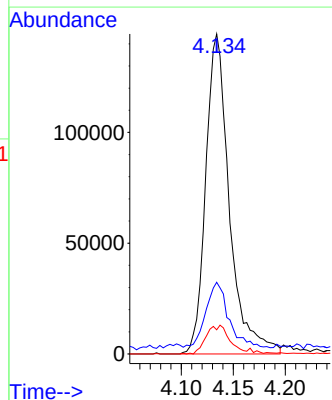
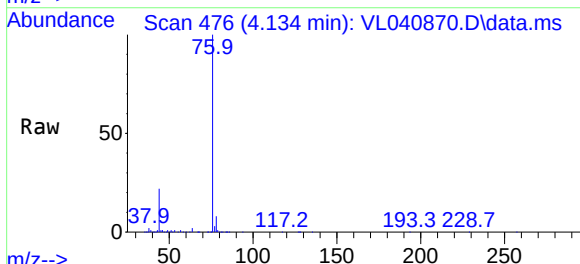
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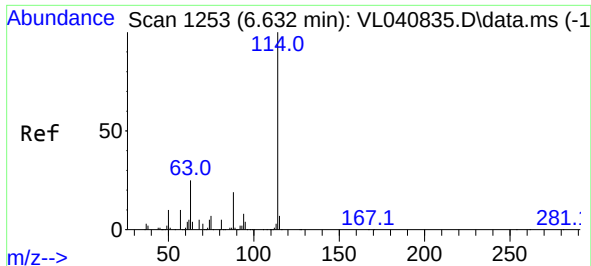
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#27
Carbon Disulfide
Concen: 1.717 ppbv
RT: 4.134 min Scan# 476
Delta R.T. 0.026 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

Tgt Ion: 76 Resp: 228823
Ion Ratio Lower Upper
76 100
44 23.4 16.7 25.1
78 9.6 7.6 11.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040870.D

Acq: 15 Nov 2023 15:47

Instrument :

MSVOA_L

ClientSampleId :

NT-SS-4

Tgt Ion:114 Resp: 2750469

Ion Ratio Lower Upper

114 100

63 25.1 20.9 31.3

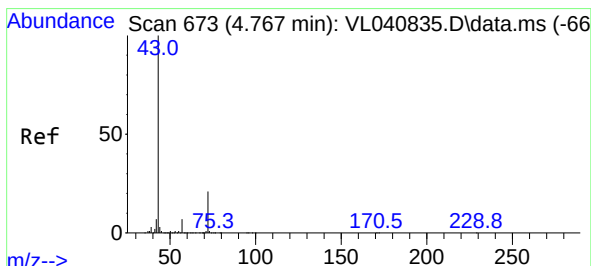
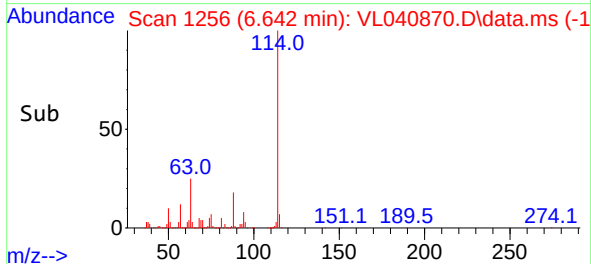
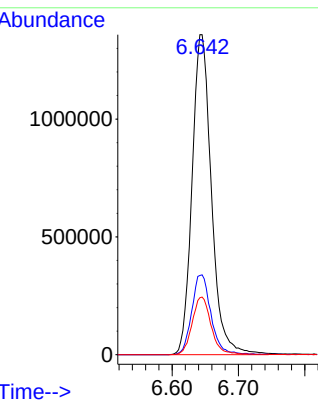
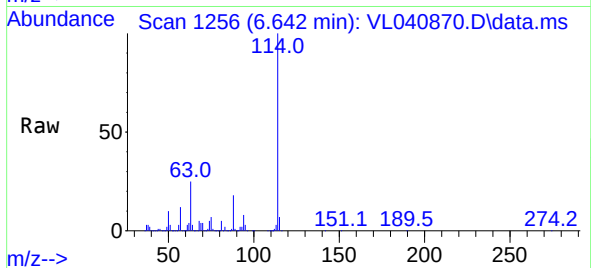
88 17.9 14.3 21.5

Manual Integrations

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#34

2-Butanone

Concen: 0.943 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.026 min

Lab File: VL040870.D

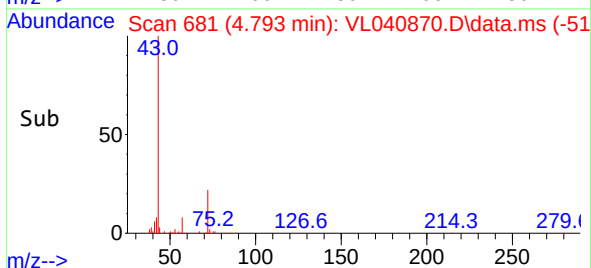
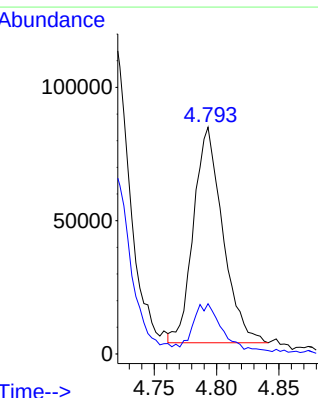
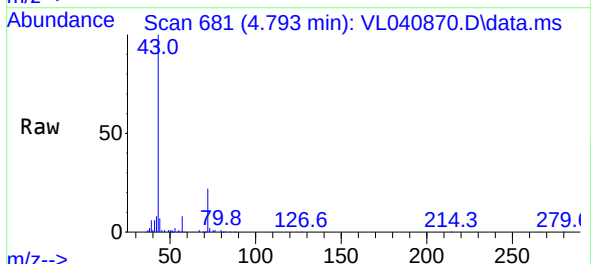
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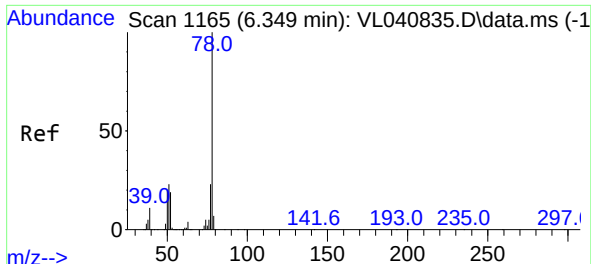
Tgt Ion: 43 Resp: 132088

Ion Ratio Lower Upper

43 100

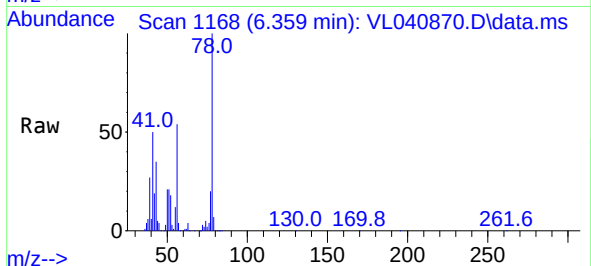
72 27.5 17.2 25.8#





#36
Benzene
Concen: 1.371 ppbv m
RT: 6.359 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

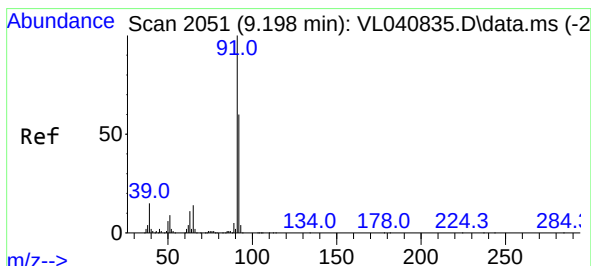
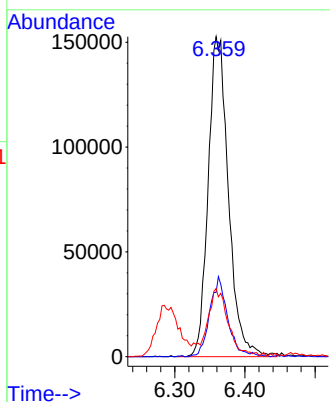
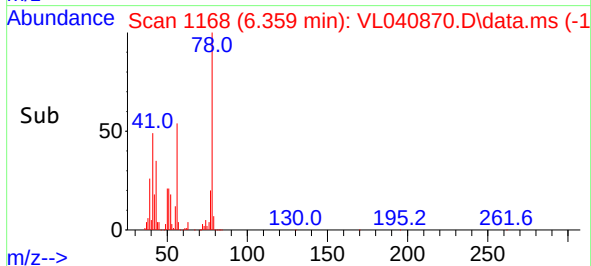
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-4



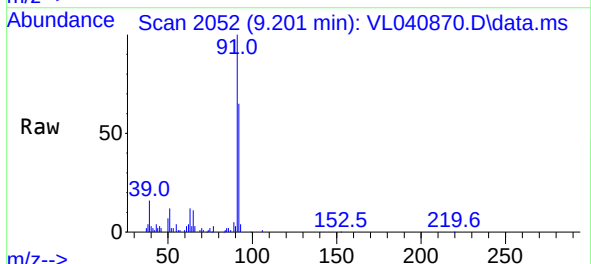
Tgt Ion: 78 Resp: 30605
Ion Ratio Lower Upper
78 100
77 20.1 18.4 27.6
50 21.3 16.2 24.2

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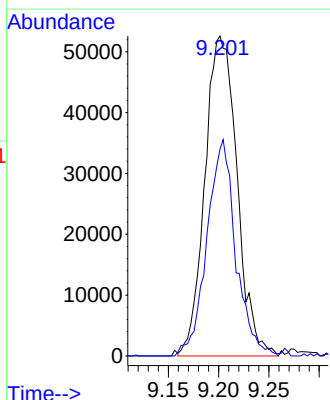
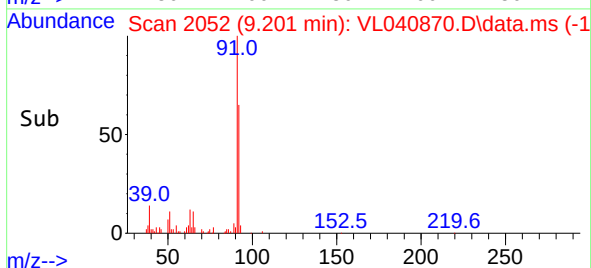
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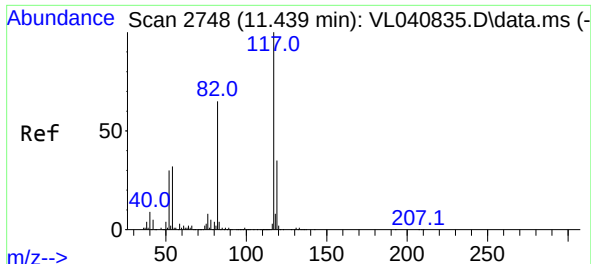


#53
Toluene
Concen: 0.477 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. 0.003 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47



Tgt Ion: 91 Resp: 117090
Ion Ratio Lower Upper
91 100
92 60.9 49.4 74.2





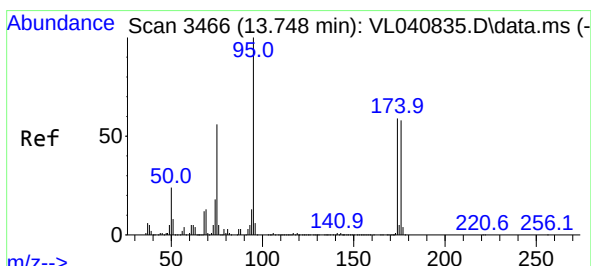
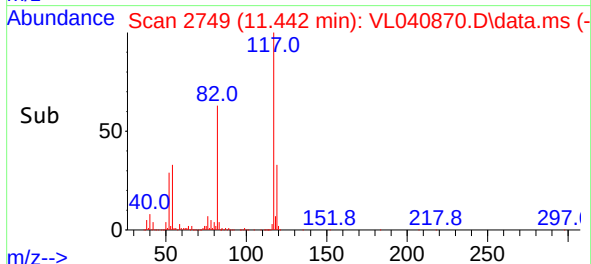
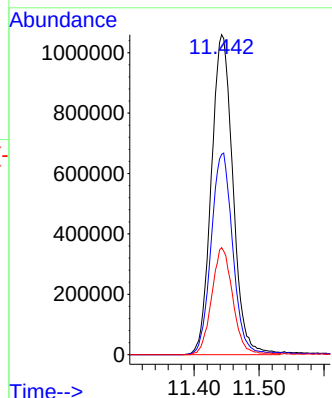
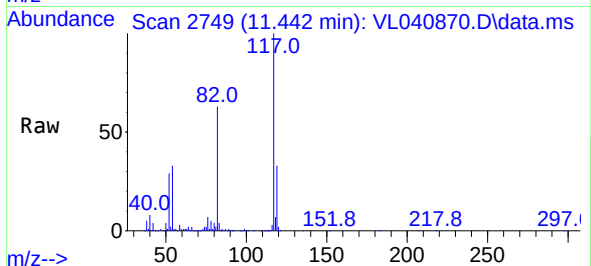
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. 0.003 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-4

Tgt Ion: 117 Resp: 2446418
Ion Ratio Lower Upper
117 100
82 64.3 50.6 75.8
119 33.2 23.3 34.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.004 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VL040870.D
Acq: 15 Nov 2023 15:47

Tgt Ion: 95 Resp: 1916100
Ion Ratio Lower Upper
95 100
174 61.7 47.5 71.3
175 4.5 3.6 5.4

