

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040871.D
 Acq On : 15 Nov 2023 16:54
 Operator : SY/MD
 Sample : 05277-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-5

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 05:53:43 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	991567	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	2513890	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2225148	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1746133	10.023	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
15) Acetone	3.484	43	1085095	10.275	ppbv	93
20) Methylene Chloride	3.944	84	762957	17.506	ppbv	93
26) Hexane	5.211	57	491064	5.074	ppbv #	40
36) Benzene	6.365	78	32009	0.157	ppbv #	86
53) Toluene	9.201	91	57942m	0.258	ppbv	

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

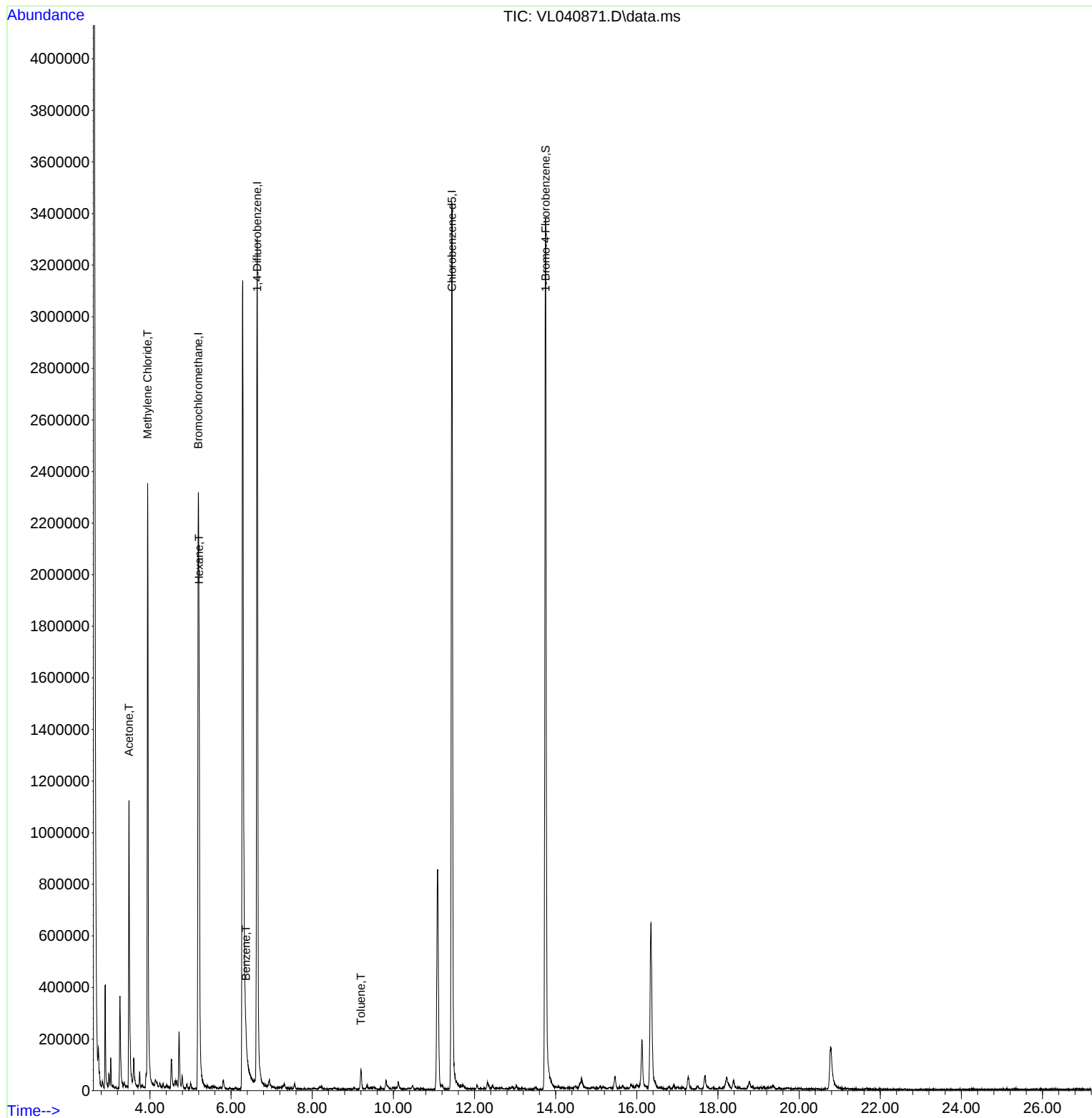
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
Data File : VL040871.D
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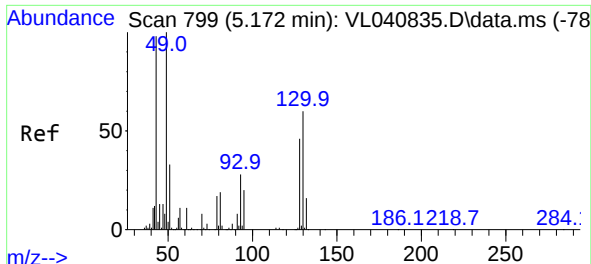
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-5

Quant Time: Nov 16 05:53:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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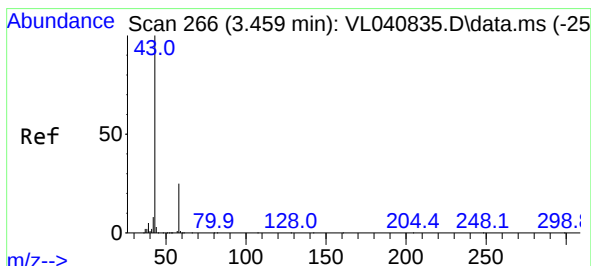
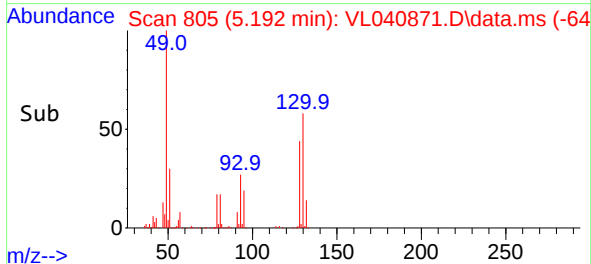
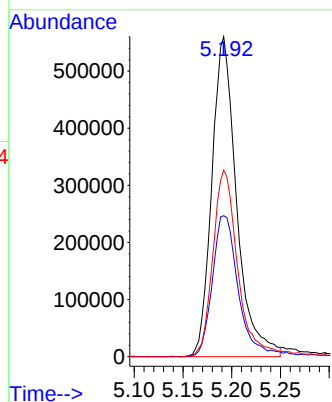
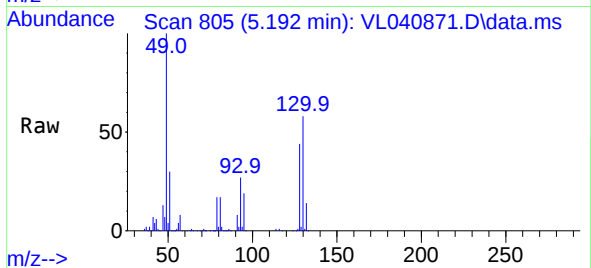
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.020 min
Lab File: VL040871.D
Acq: 15 Nov 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-5

Tgt Ion: 49 Resp: 99156
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.2
130 60.5 30.9 92.8

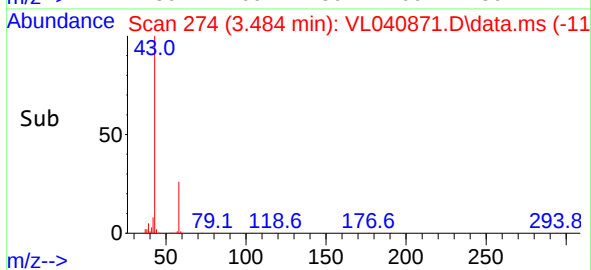
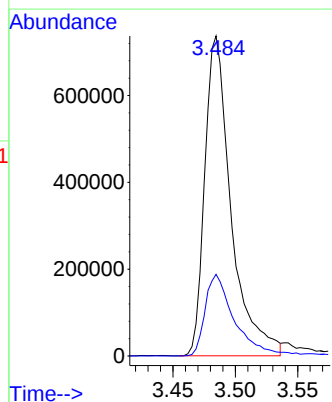
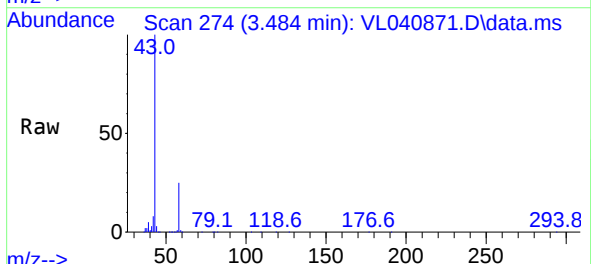
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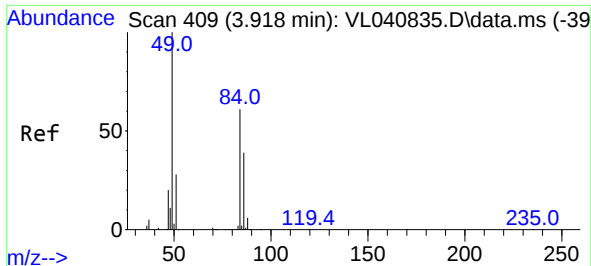
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#15
Acetone
Concen: 10.275 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.026 min
Lab File: VL040871.D
Acq: 15 Nov 2023 16:54

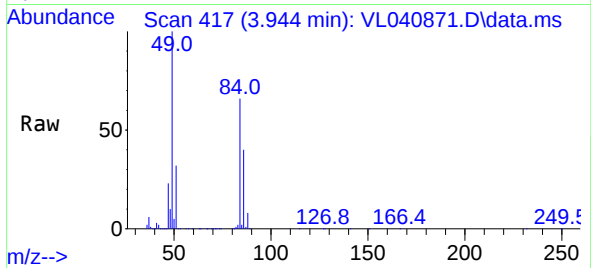
Tgt Ion: 43 Resp: 1085095
Ion Ratio Lower Upper
43 100
58 29.9 20.9 31.3





#20
Methylene Chloride
Concen: 17.506 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.026 min
Lab File: VL040871.D
Acq: 15 Nov 2023 16:54

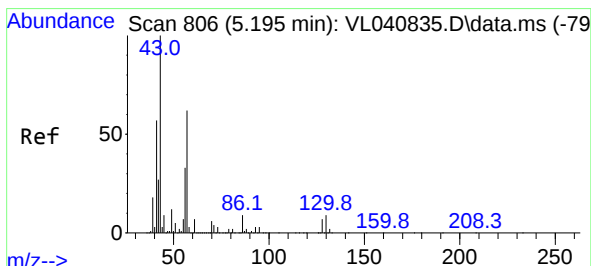
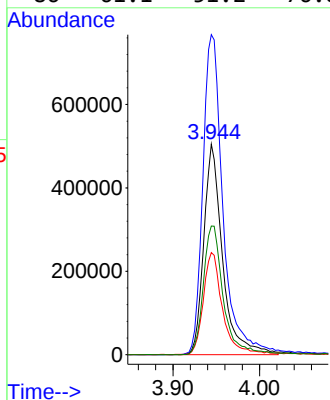
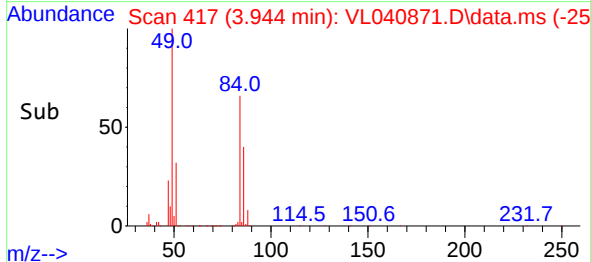
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-5



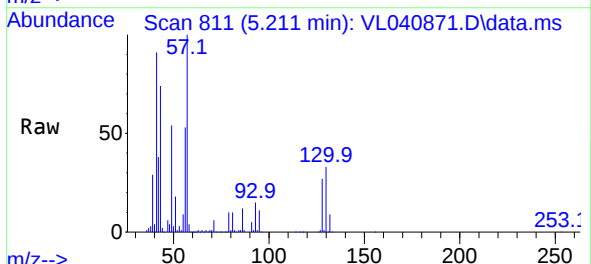
Tgt Ion: 84 Resp: 76295
Ion Ratio Lower Upper
84 100
49 151.9 131.0 196.4
51 48.3 36.9 55.3
86 61.1 51.2 76.8

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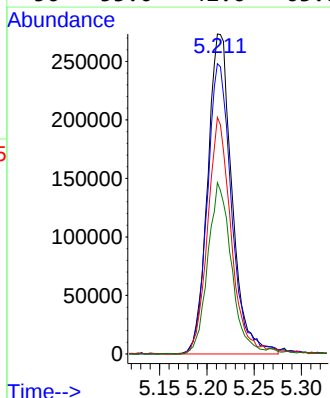
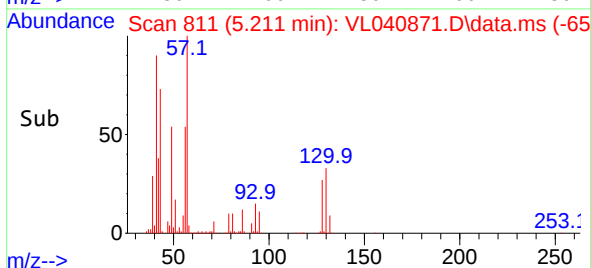
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

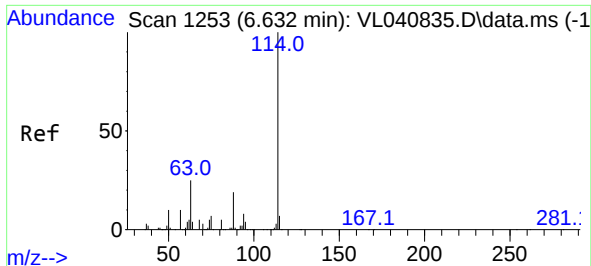


#26
Hexane
Concen: 5.074 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040871.D
Acq: 15 Nov 2023 16:54



Tgt Ion: 57 Resp: 491064
Ion Ratio Lower Upper
57 100
41 91.4 75.4 113.0
43 72.3 185.9 278.9#
56 53.0 42.6 63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1170

Delta R.T. 0.010 min

Lab File: VL040871.D

Acq: 15 Nov 2023 16:54

Instrument :

MSVOA_L

ClientSampleId :

NT-SS-5

Tgt Ion: 114 Resp: 251389

Ion Ratio Lower Upper

114 100

63 25.3 20.9 31.3

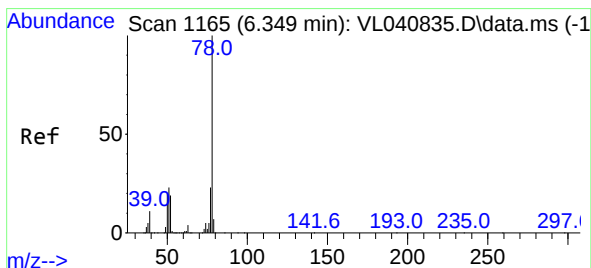
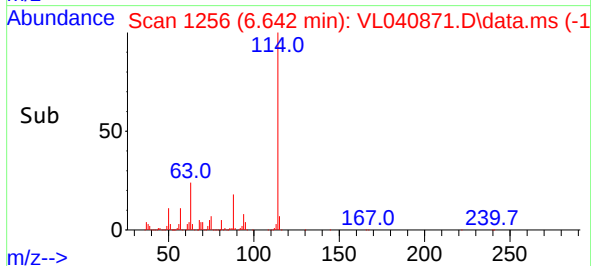
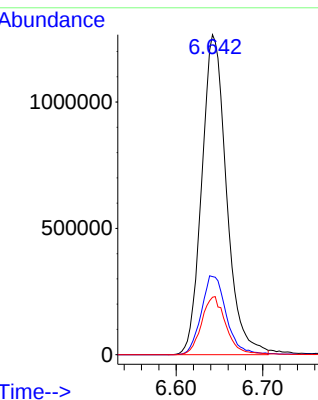
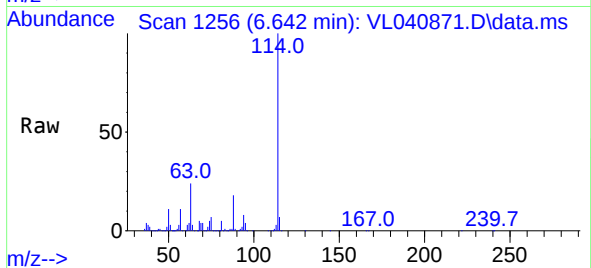
88 18.1 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#36

Benzene

Concen: 0.157 ppbv

RT: 6.365 min Scan# 1170

Delta R.T. 0.016 min

Lab File: VL040871.D

Acq: 15 Nov 2023 16:54

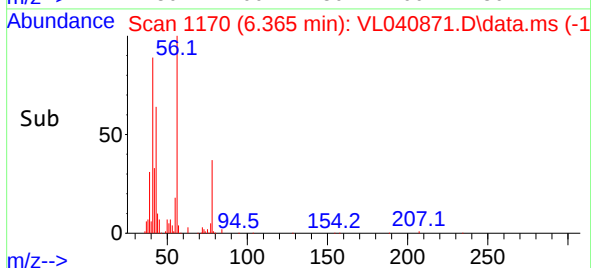
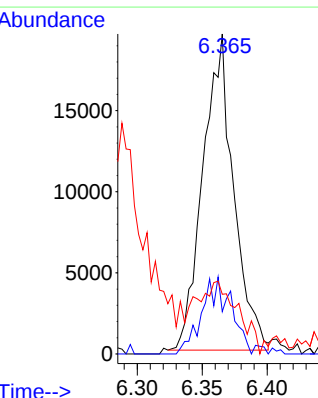
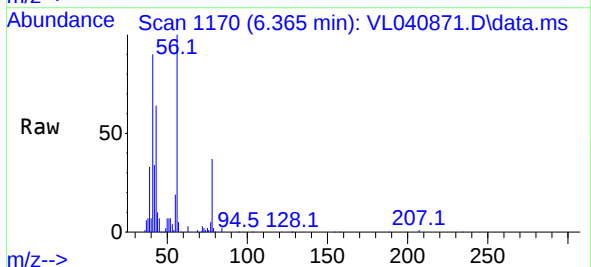
Tgt Ion: 78 Resp: 32009

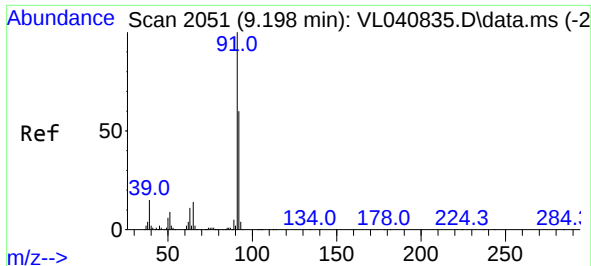
Ion Ratio Lower Upper

78 100

77 13.4 18.4 27.6

50 16.5 16.2 24.2





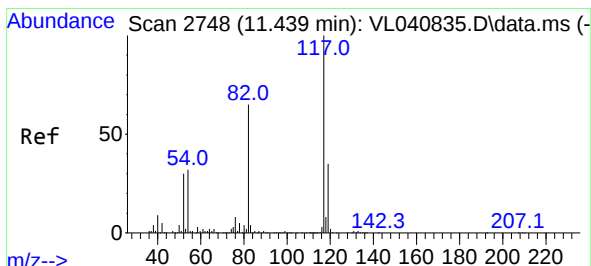
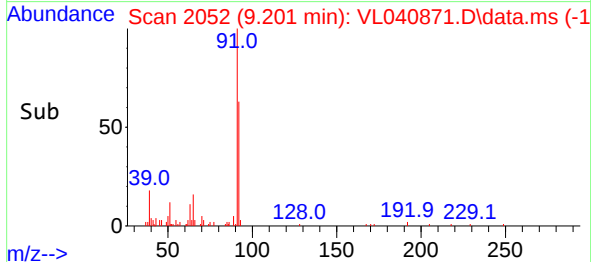
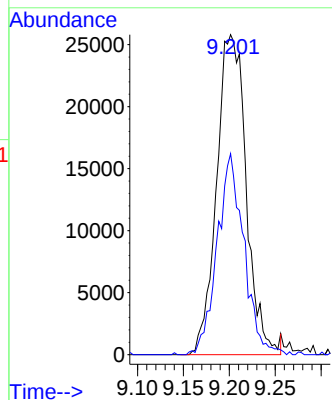
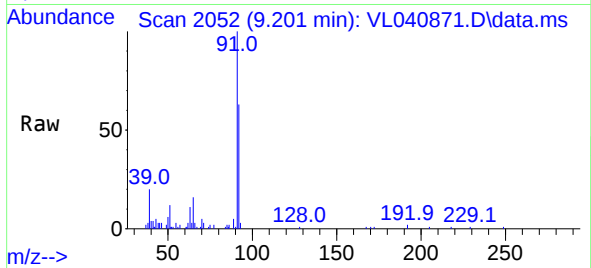
#53
Toluene
Concen: 0.258 ppbv m
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040871.D
Acq: 15 Nov 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-5

Tgt Ion: 91 Resp: 5794
Ion Ratio Lower Upper
91 100
92 56.8 49.4 74.2

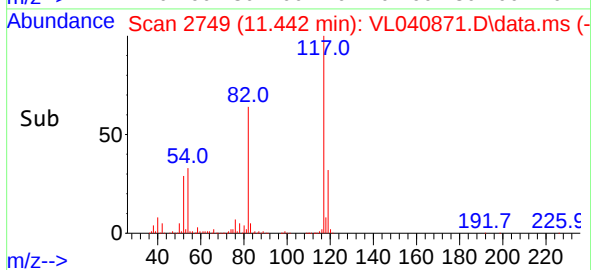
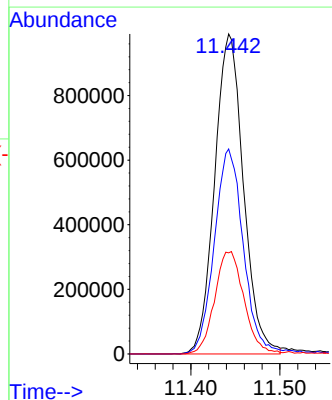
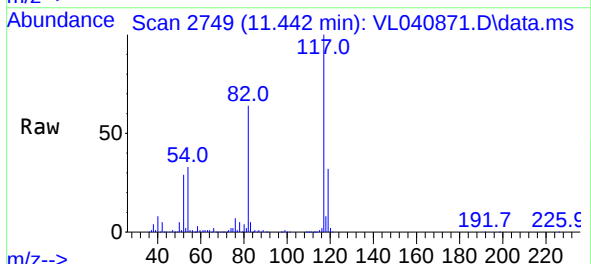
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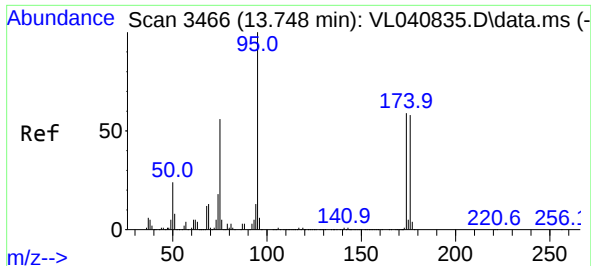
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. 0.003 min
Lab File: VL040871.D
Acq: 15 Nov 2023 16:54

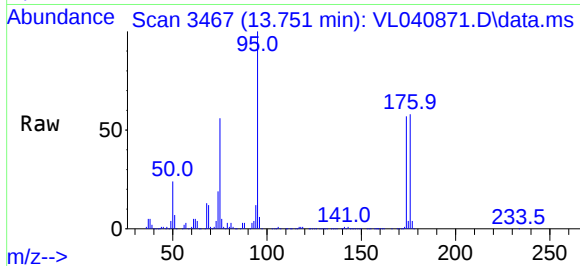
Tgt Ion:117 Resp: 2225148
Ion Ratio Lower Upper
117 100
82 66.0 50.6 75.8
119 33.0 23.3 34.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.023 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL040871.D
 Acq: 15 Nov 2023 16:54

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-5



Tgt Ion: 95 Resp: 1746133
 Ion Ratio Lower Upper
 95 100
 174 60.6 47.5 71.3
 175 4.6 3.6 5.4

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