

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040859.D
 Acq On : 14 Nov 2023 20:31
 Operator : SY/MD
 Sample : 05275-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-IA-6

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 04:51:20 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	936786	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	2481553	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2223977	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1696475	9.743	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
11) Trichlorofluoromethane	3.578	101	34659	0.238	ppbv	100
15) Acetone	3.485	43	932624	9.348	ppbv	91
20) Methylene Chloride	3.948	84	303364	7.368	ppbv	93
26) Hexane	5.211	57	1722265	18.837	ppbv #	41
36) Benzene	6.359	78	129454	0.643	ppbv	94
38) Trichloroethene	7.272	130	17698	0.226	ppbv	95
44) 2,2,4-Trimethylpentane	7.311	57	128191	0.383	ppbv #	90
53) Toluene	9.195	91	310975	1.403	ppbv	98
58) Ethyl Benzene	12.057	91	65667m	0.226	ppbv	
59) m/p-Xylene	12.314	91	172532m	0.698	ppbv	
60) o-Xylene	13.021	91	61828	0.263	ppbv	97

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

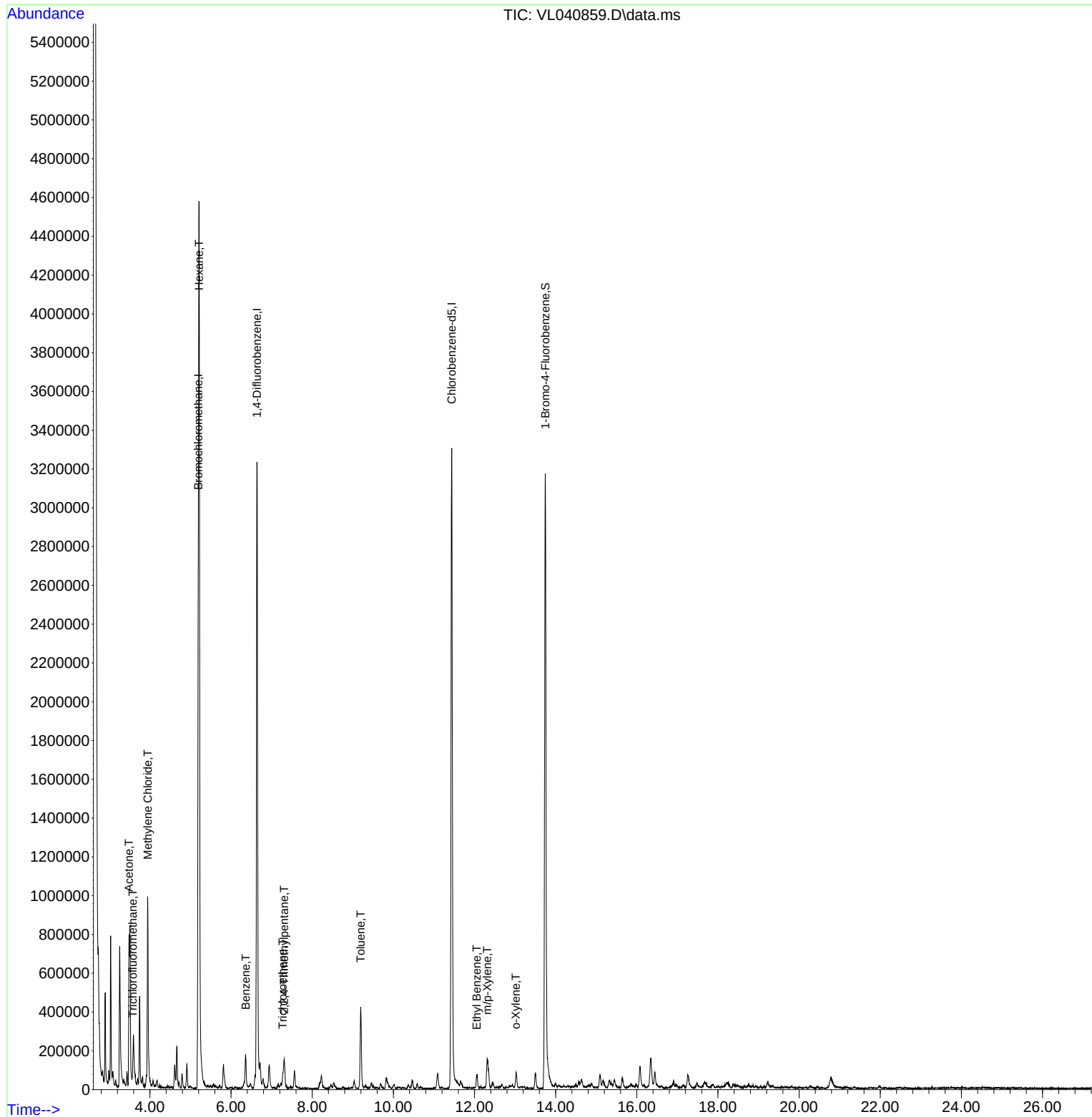
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040859.D
Acq On : 14 Nov 2023 20:31
Operator : SY/MD
Sample : 05275-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

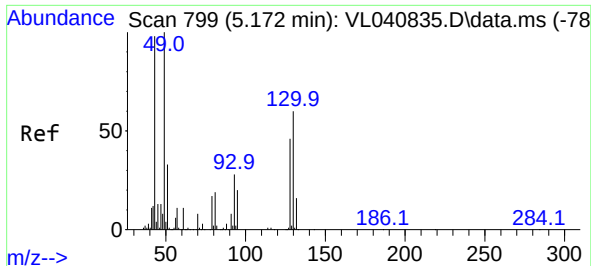
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6

Quant Time: Nov 16 04:51:20 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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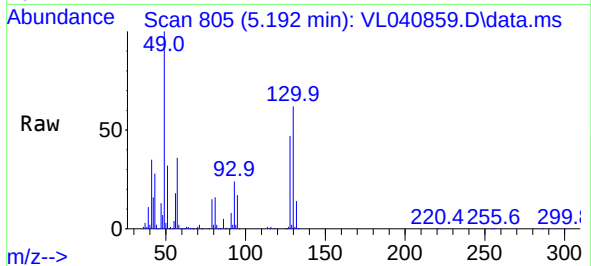
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

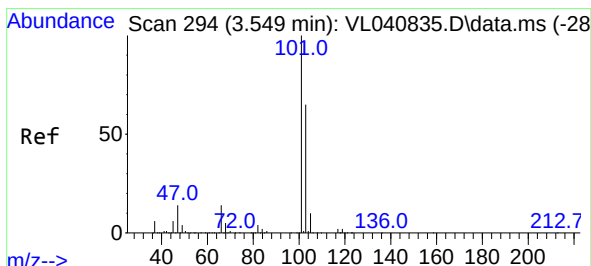
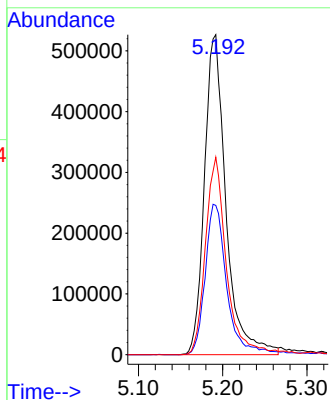
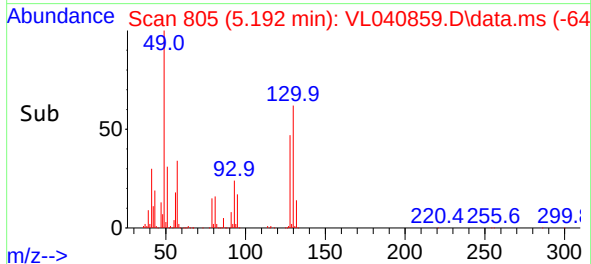
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6



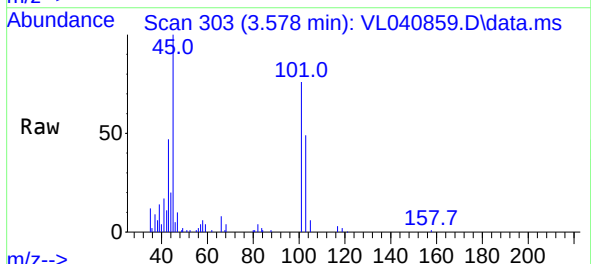
Tgt Ion: 49 Resp: 936780
Ion Ratio Lower Upper
49 100
128 48.6 23.8 71.2
130 61.3 30.9 92.8

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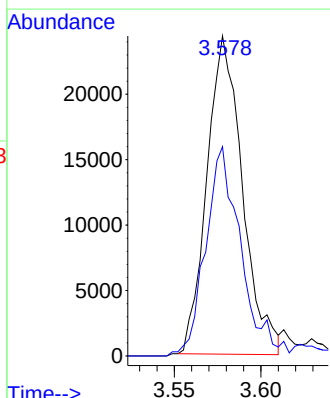
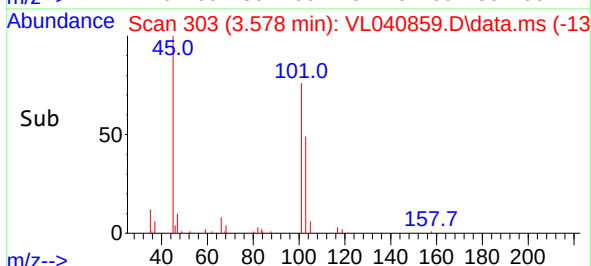
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

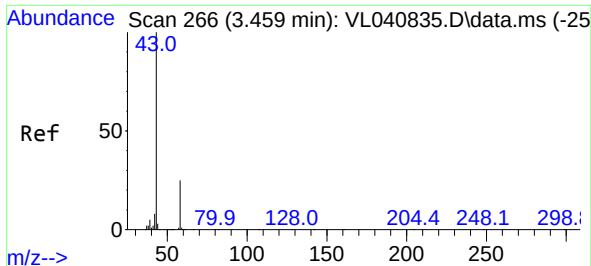


#11
Trichlorofluoromethane
Concen: 0.238 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.029 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31



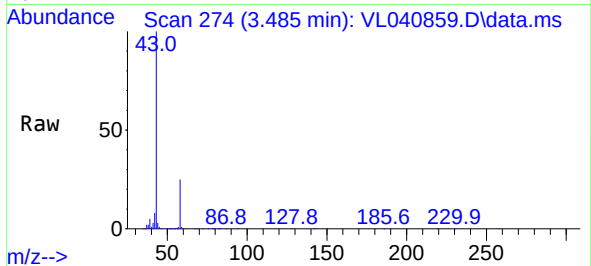
Tgt Ion:101 Resp: 34659
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8





#15
Acetone
Concen: 9.348 ppbv
RT: 3.485 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

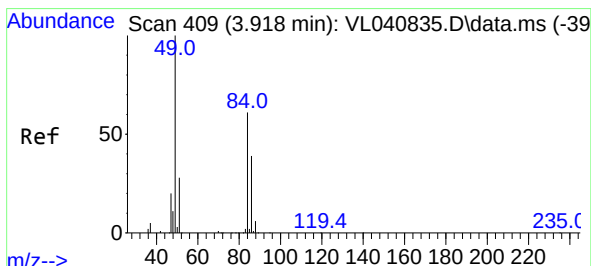
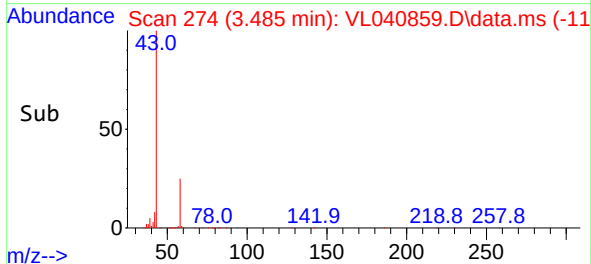
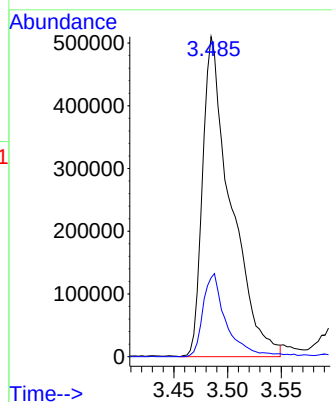
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 932624
Ion Ratio Lower Upper
43 100
58 21.7 20.9 31.3

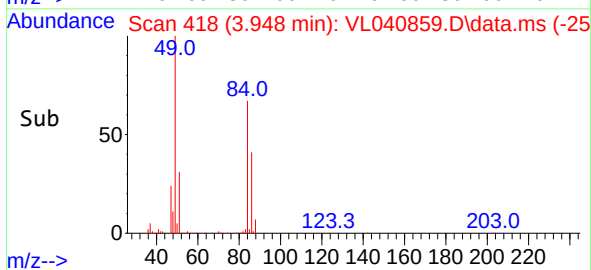
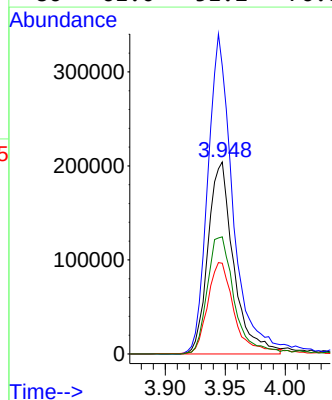
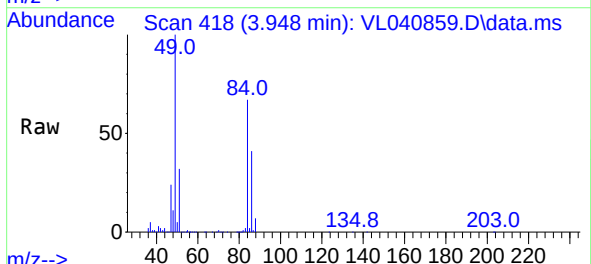
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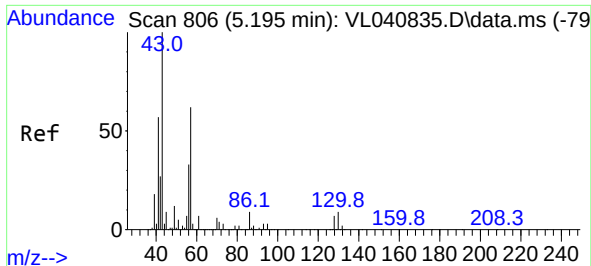
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#20
Methylene Chloride
Concen: 7.368 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.029 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

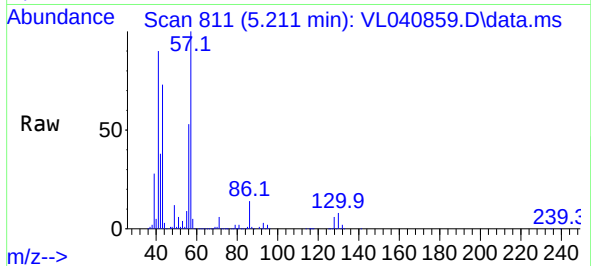
Tgt Ion: 84 Resp: 303364
Ion Ratio Lower Upper
84 100
49 150.0 131.0 196.4
51 47.0 36.9 55.3
86 61.0 51.2 76.8





#26
Hexane
Concen: 18.837 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

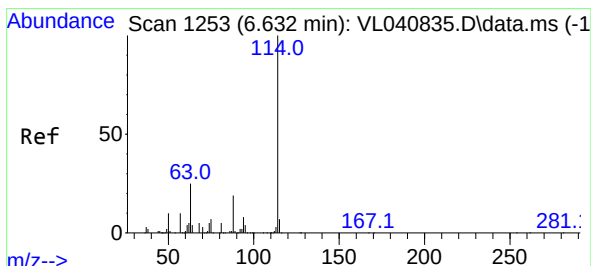
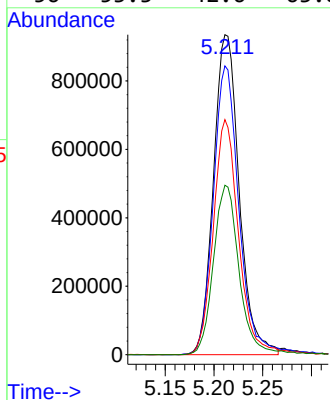
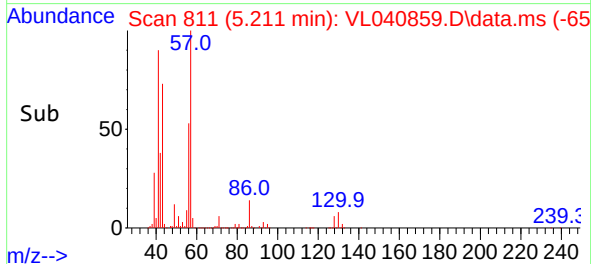
Instrument :
MSVOA_L
ClientSampleId :
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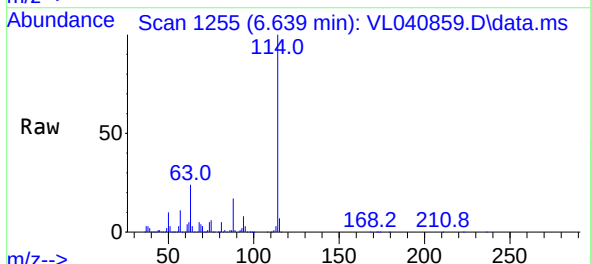
Tgt Ion: 57 Resp: 172226
Ion Ratio Lower Upper
57 100
41 91.2 75.4 113.0
43 73.1 185.9 278.9
56 53.3 42.6 63.8

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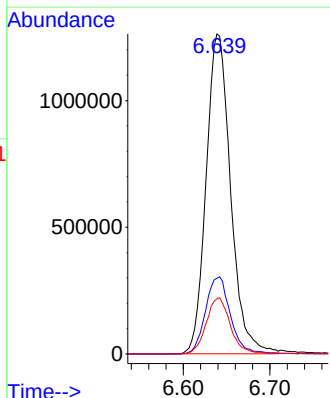
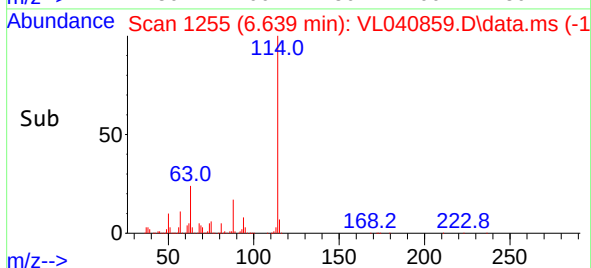
Reviewed By :Mahesh Dadoda 11/17/2023
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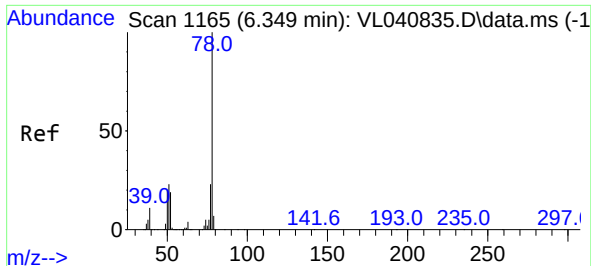


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.007 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31



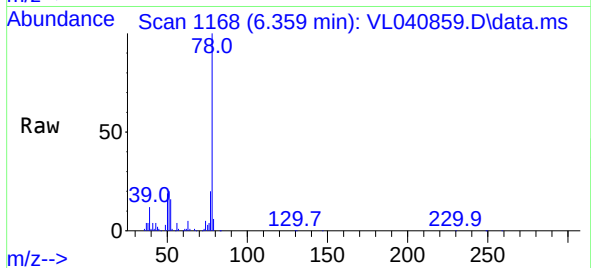
Tgt Ion:114 Resp: 2481553
Ion Ratio Lower Upper
114 100
63 24.8 20.9 31.3
88 17.6 14.3 21.5





#36
Benzene
Concen: 0.643 ppbv
RT: 6.359 min Scan# 1165
Delta R.T. 0.010 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

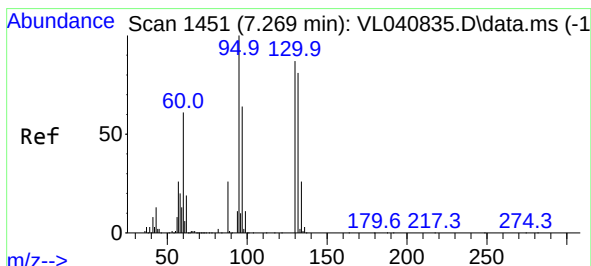
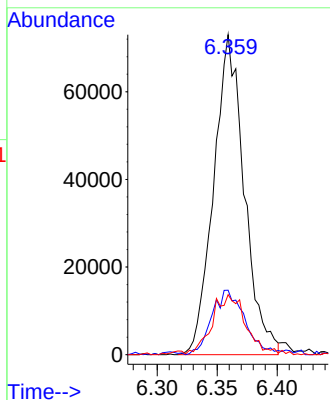
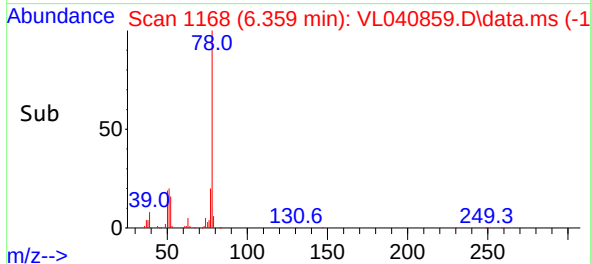
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NT-IA-6



Tgt Ion: 78 Resp: 129454
Ion Ratio Lower Upper
78 100
77 19.7 18.4 27.6
50 18.3 16.2 24.2

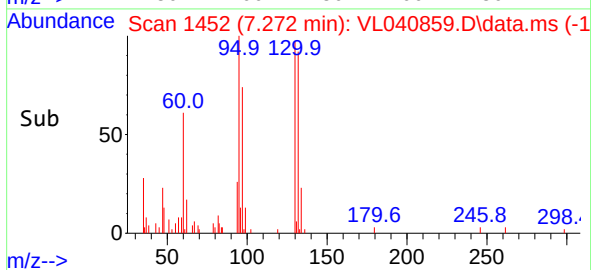
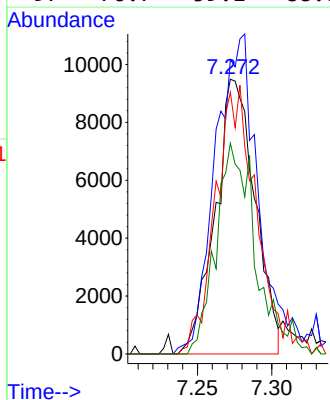
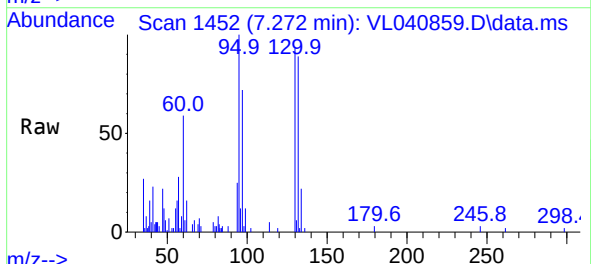
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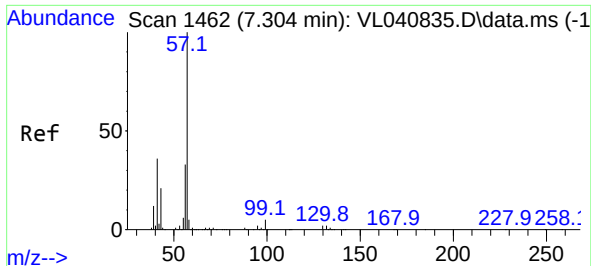
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#38
Trichloroethene
Concen: 0.226 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.003 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

Tgt Ion:130 Resp: 17698
Ion Ratio Lower Upper
130 100
95 104.9 92.4 138.6
132 95.3 75.1 112.7
97 76.7 59.1 88.7





#44

2,2,4-Trimethylpentane

Concen: 0.383 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.007 min

Lab File: VL040859.D

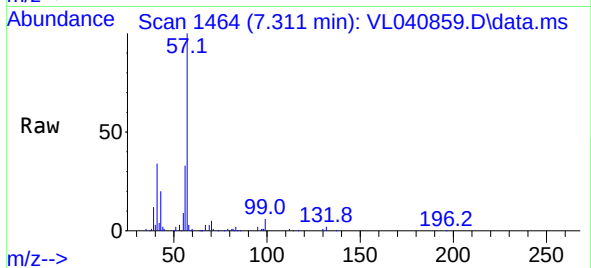
Acq: 14 Nov 2023 20:31

Instrument :

MSVOA_L

ClientSampleId :

NT-IA-6



Tgt Ion: 57 Resp: 12819

Ion Ratio Lower Upper

57 100

41 39.4 29.0 43.6

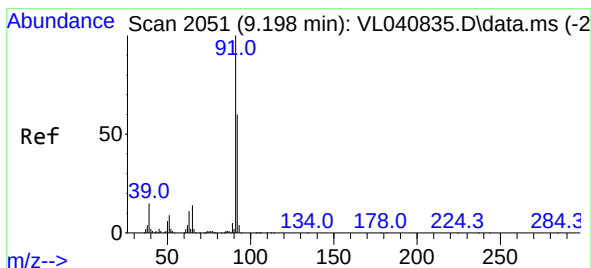
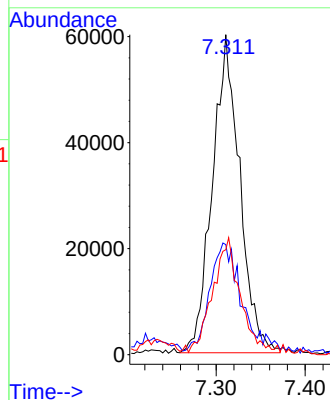
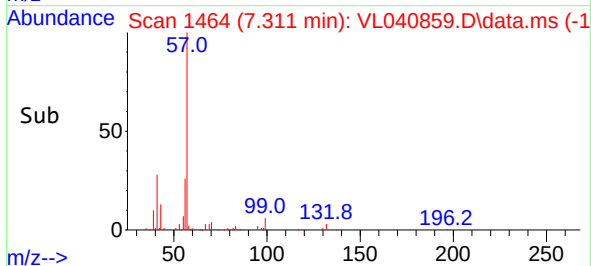
56 39.5 25.2 37.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#53

Toluene

Concen: 1.403 ppbv

RT: 9.195 min Scan# 2050

Delta R.T. -0.003 min

Lab File: VL040859.D

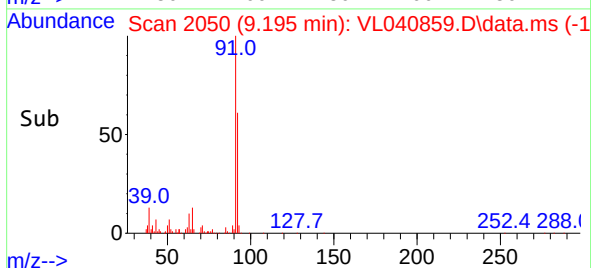
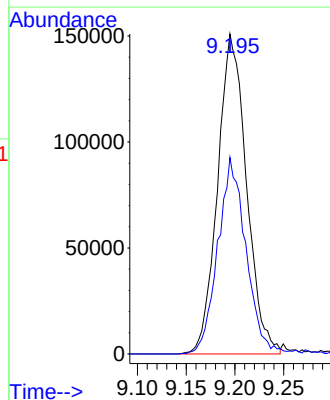
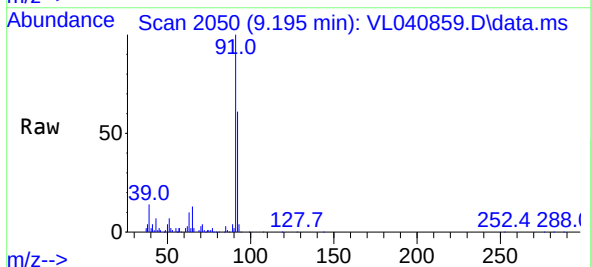
Acq: 14 Nov 2023 20:31

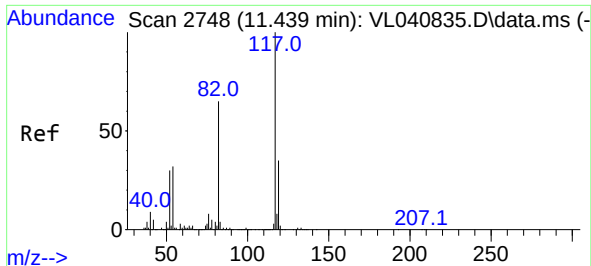
Tgt Ion: 91 Resp: 310975

Ion Ratio Lower Upper

91 100

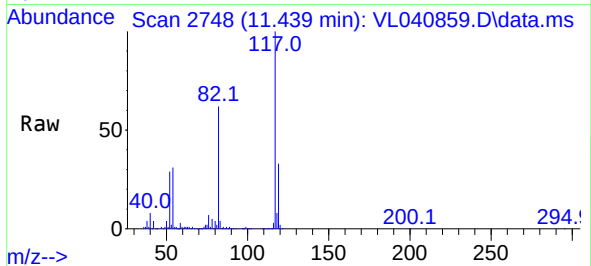
92 60.6 49.4 74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

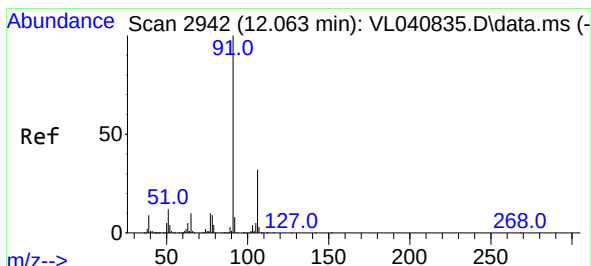
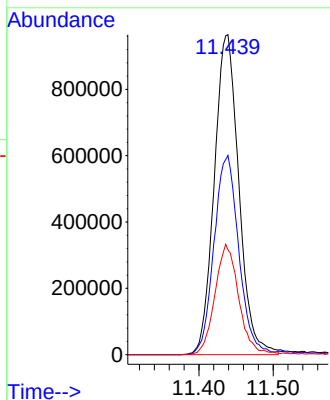
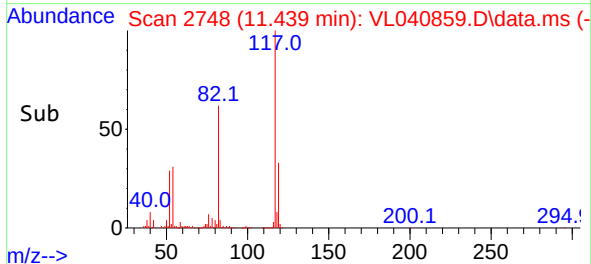
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6



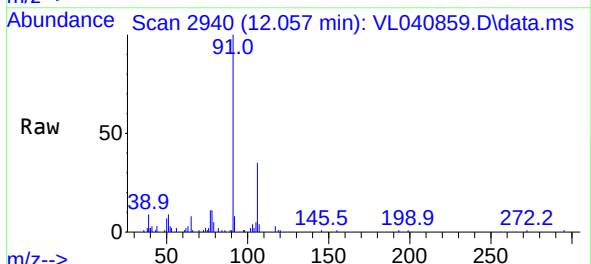
Tgt Ion:117 Resp: 222397
Ion Ratio Lower Upper
117 100
82 64.3 50.6 75.8
119 33.8 23.3 34.9

Manual Integrations
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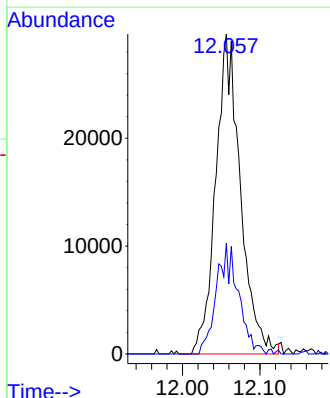
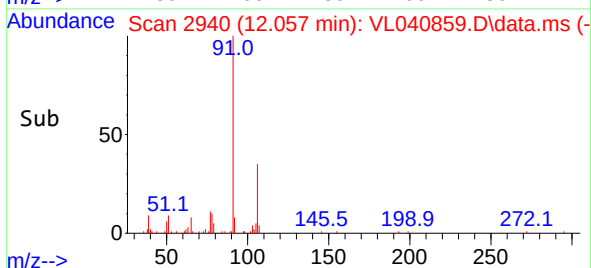
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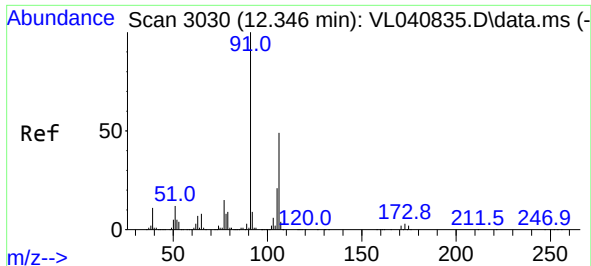


#58
Ethyl Benzene
Concen: 0.226 ppbv m
RT: 12.057 min Scan# 2940
Delta R.T. -0.006 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31



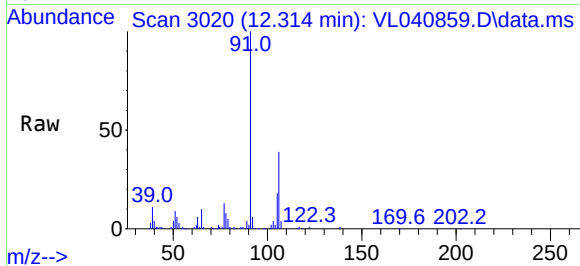
Tgt Ion: 91 Resp: 65667
Ion Ratio Lower Upper
91 100
106 34.6 25.2 37.8





#59
m/p-Xylene
Concen: 0.698 ppbv m
RT: 12.314 min Scan# 3030
Delta R.T. -0.032 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31

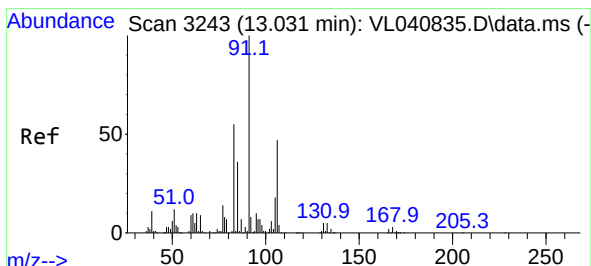
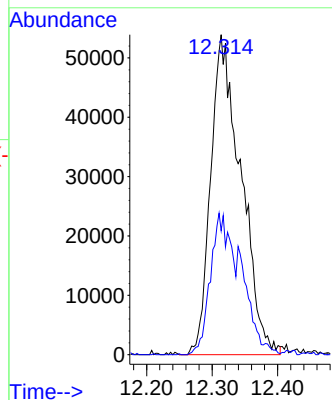
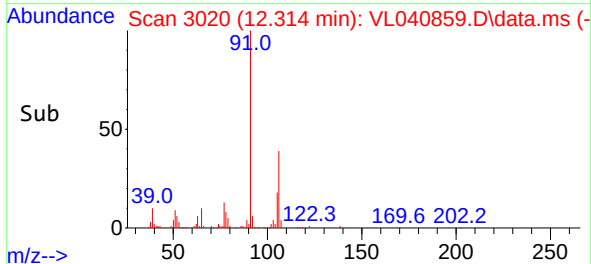
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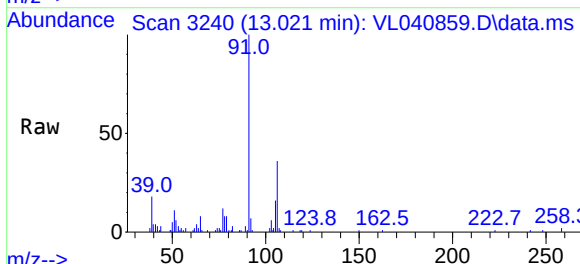
Tgt Ion: 91 Resp: 17253
Ion Ratio Lower Upper
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106 0.0 35.4 53.0

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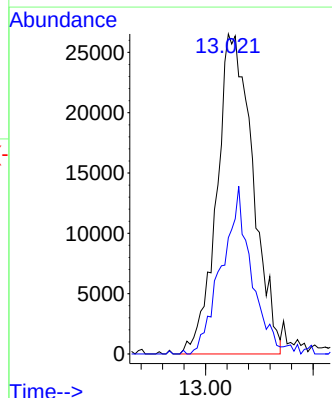
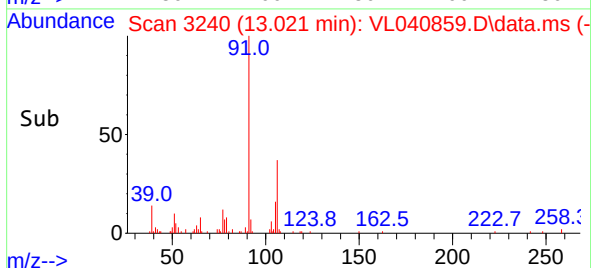
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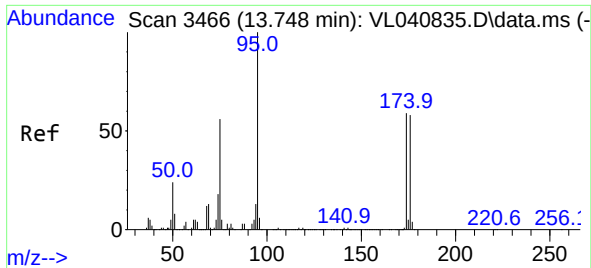


#60
o-Xylene
Concen: 0.263 ppbv
RT: 13.021 min Scan# 3240
Delta R.T. -0.010 min
Lab File: VL040859.D
Acq: 14 Nov 2023 20:31



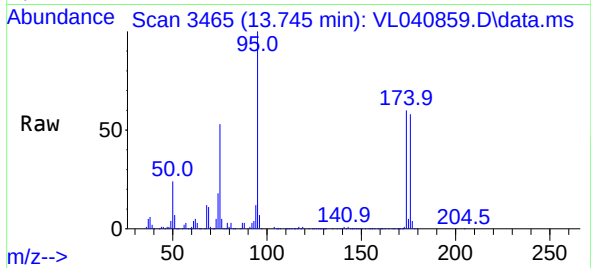
Tgt Ion: 91 Resp: 61828
Ion Ratio Lower Upper
91 100
106 43.5 22.9 68.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.743 ppbv
 RT: 13.745 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL040859.D
 Acq: 14 Nov 2023 20:31

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-IA-6



Tgt Ion: 95 Resp: 1696475
 Ion Ratio Lower Upper
 95 100
 174 62.2 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

