

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040858.D
 Acq On : 14 Nov 2023 19:50
 Operator : SY/MD
 Sample : 05275-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-IA-5

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 04:50:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 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	980973	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	2644681	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2227278	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1690775	9.696	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
15) Acetone	3.485	43	752391	7.201	ppbv	97
20) Methylene Chloride	3.944	84	410084	9.511	ppbv	97
23) Vinyl Acetate	4.620	43	66763	0.495	ppbv #	57
26) Hexane	5.211	57	1317465	13.760	ppbv #	40
29) Chloroform	5.272	83	20768	0.128	ppbv #	80
34) 2-Butanone	4.790	43	96512	0.716	ppbv	95
36) Benzene	6.359	78	111141	0.518	ppbv	93
44) 2,2,4-Trimethylpentane	7.311	57	115098m	0.323	ppbv	
53) Toluene	9.198	91	245741	1.040	ppbv	99
58) Ethyl Benzene	12.057	91	50553m	0.174	ppbv	
59) m/p-Xylene	12.314	91	125846m	0.509	ppbv	
60) o-Xylene	13.031	91	48233	0.205	ppbv	96

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

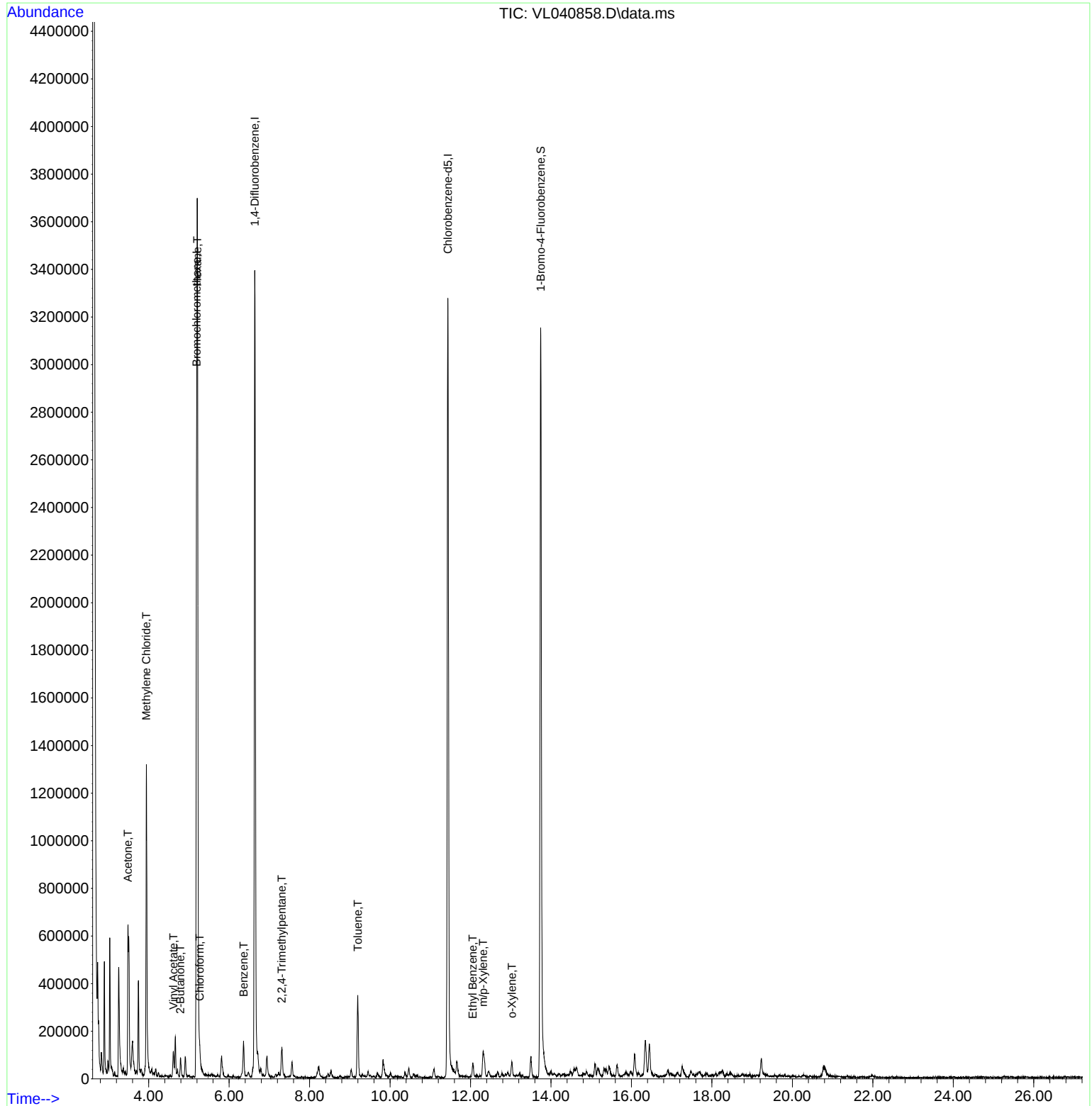
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040858.D
Acq On : 14 Nov 2023 19:50
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Sample : 05275-05
Misc : 400mL/MSVOA_L
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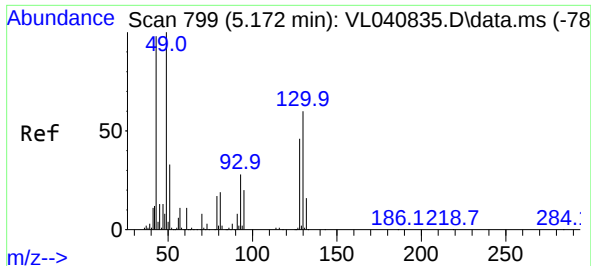
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-5

Quant Time: Nov 16 04:50:47 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

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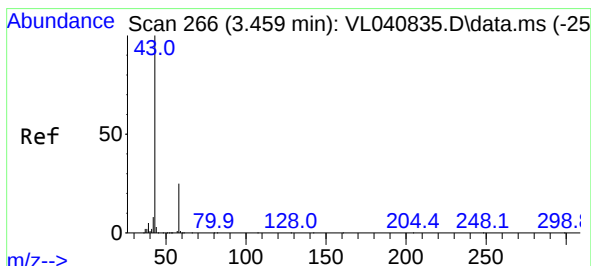
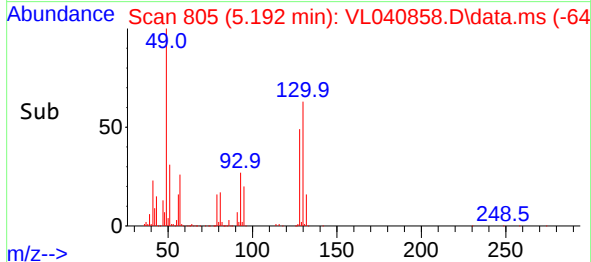
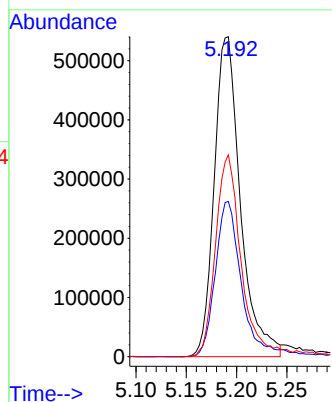
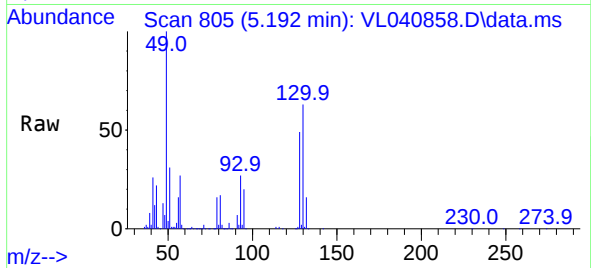
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.020 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

Instrument :
MSVOA_L
ClientSampleId :
NT-IA-5

Tgt Ion: 49 Resp: 98097
Ion Ratio Lower Upper
49 100
128 50.0 23.8 71.2
130 64.2 30.9 92.8

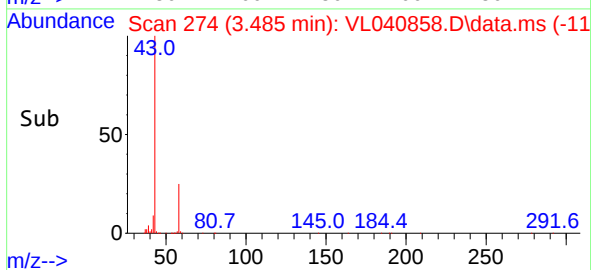
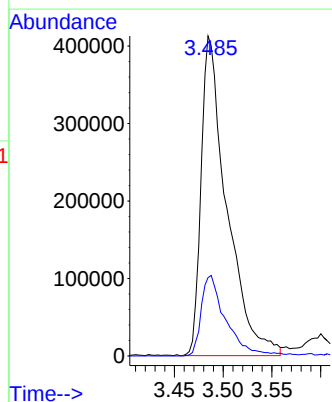
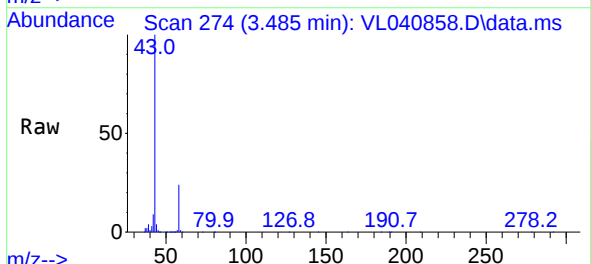
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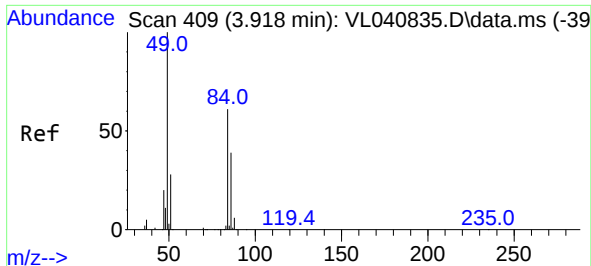
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#15
Acetone
Concen: 7.201 ppbv
RT: 3.485 min Scan# 274
Delta R.T. 0.026 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

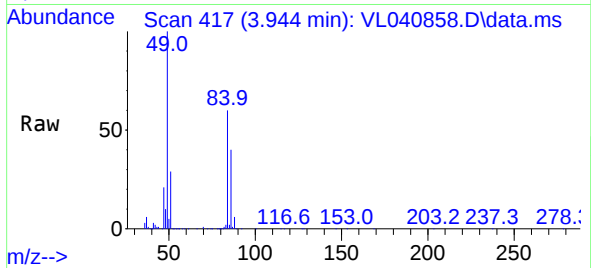
Tgt Ion: 43 Resp: 752391
Ion Ratio Lower Upper
43 100
58 24.4 20.9 31.3





#20
Methylene Chloride
Concen: 9.511 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.026 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

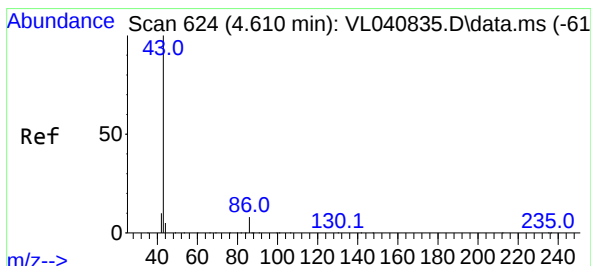
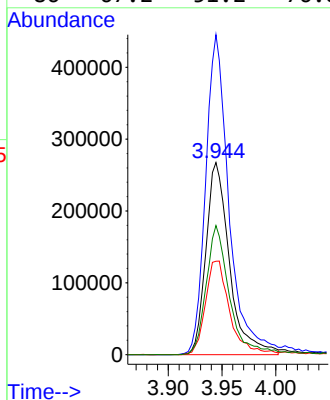
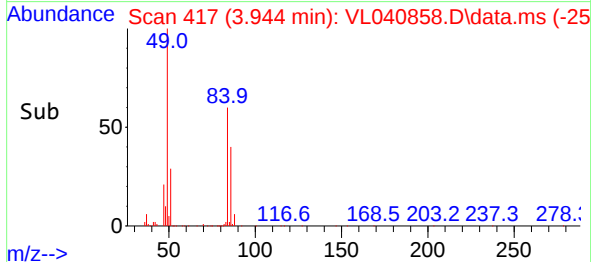
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-5



Tgt Ion: 84 Resp: 41084
Ion Ratio Lower Upper
84 100
49 166.4 131.0 196.4
51 48.5 36.9 55.3
86 67.2 51.2 76.8

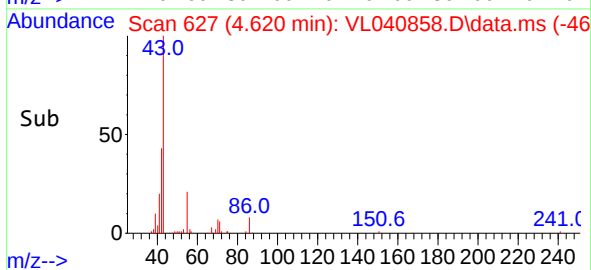
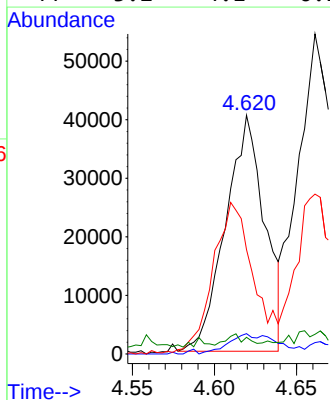
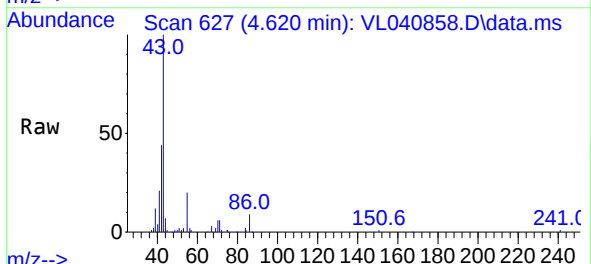
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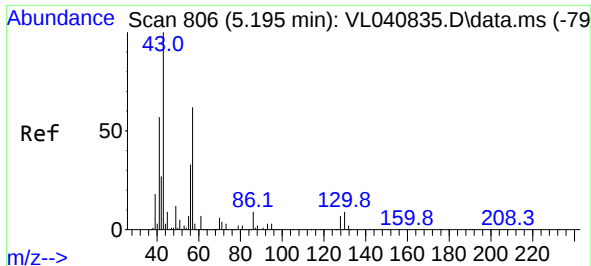
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#23
Vinyl Acetate
Concen: 0.495 ppbv
RT: 4.620 min Scan# 627
Delta R.T. 0.010 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

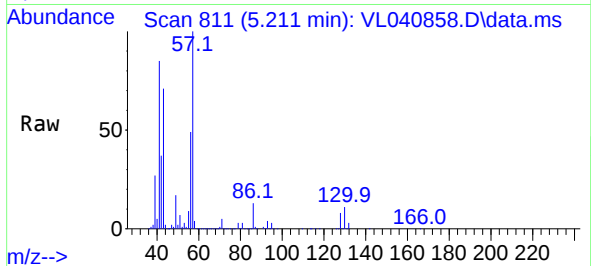
Tgt Ion: 43 Resp: 66763
Ion Ratio Lower Upper
43 100
86 8.6 5.5 8.3#
42 42.4 8.2 12.2#
44 3.2 4.1 6.1#





#26
Hexane
Concen: 13.760 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

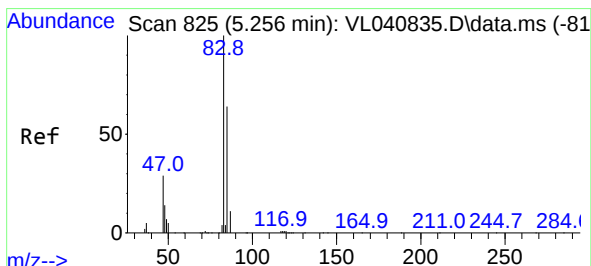
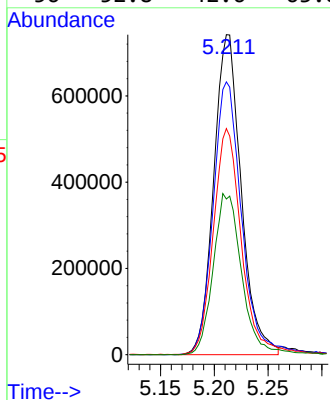
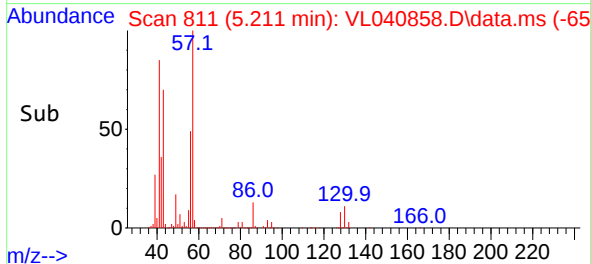
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-5



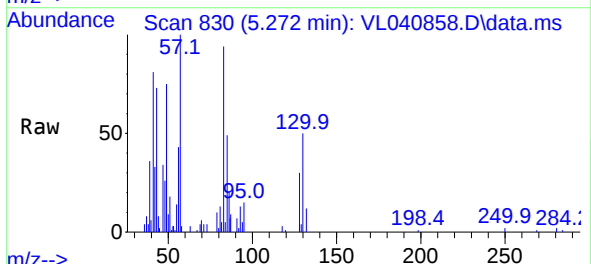
Tgt Ion: 57 Resp: 131746
Ion Ratio Lower Upper
57 100
41 89.2 75.4 113.0
43 73.0 185.9 278.9
56 52.8 42.6 63.8

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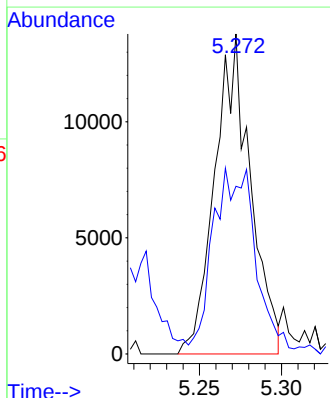
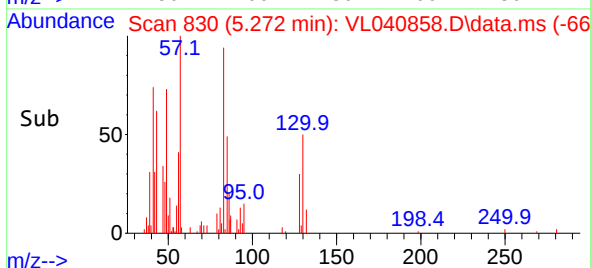
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

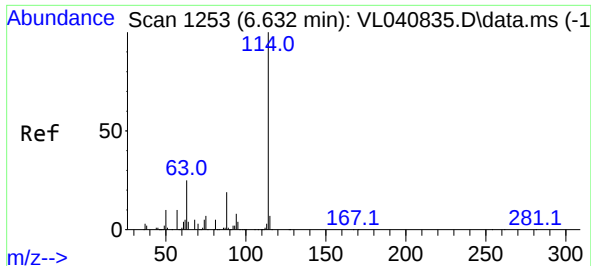


#29
Chloroform
Concen: 0.128 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.016 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50



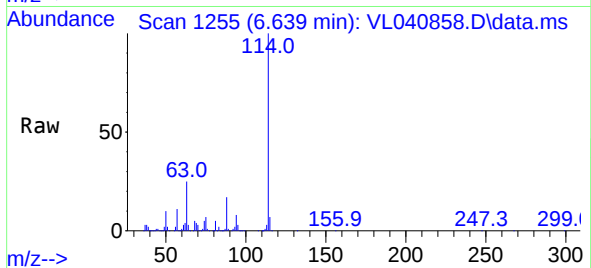
Tgt Ion: 83 Resp: 20768
Ion Ratio Lower Upper
83 100
85 48.3 51.4 77.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

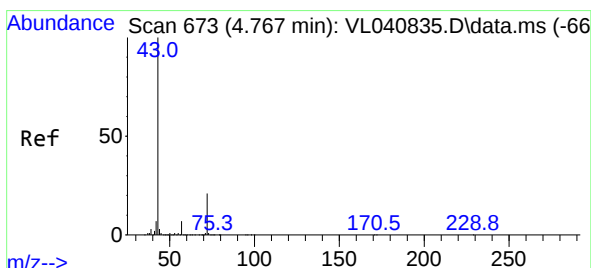
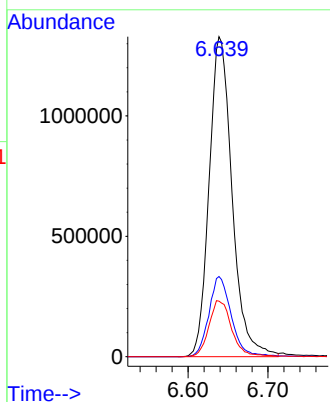
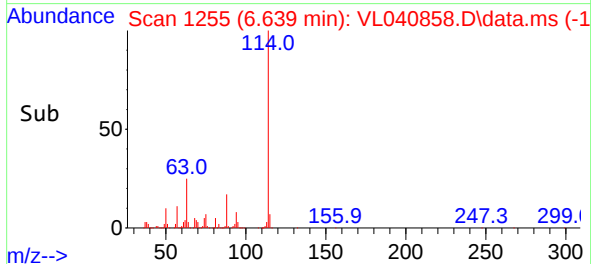
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ClientSampleId :
NT-IA-5



Tgt Ion:114 Resp: 264468
Ion Ratio Lower Upper
114 100
63 24.7 20.9 31.3
88 17.6 14.3 21.5

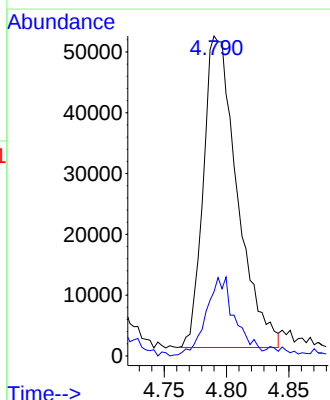
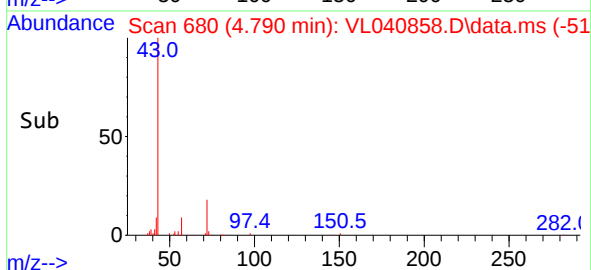
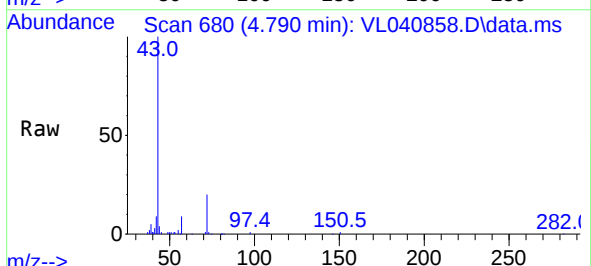
Manual Integrations
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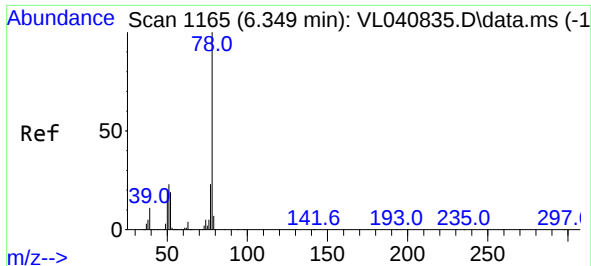
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#34
2-Butanone
Concen: 0.716 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.023 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

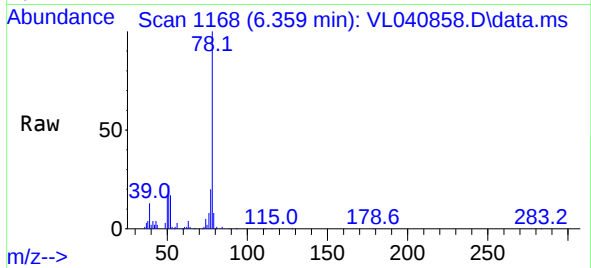
Tgt Ion: 43 Resp: 96512
Ion Ratio Lower Upper
43 100
72 23.8 17.2 25.8





#36
Benzene
Concen: 0.518 ppbv
RT: 6.359 min Scan# 1114
Delta R.T. 0.010 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

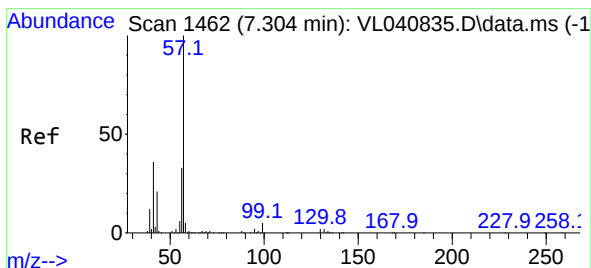
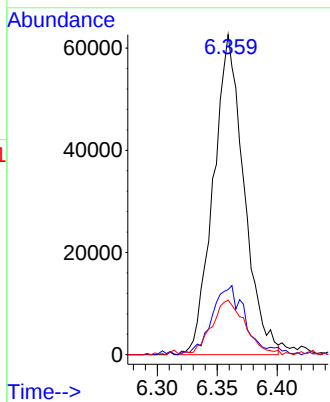
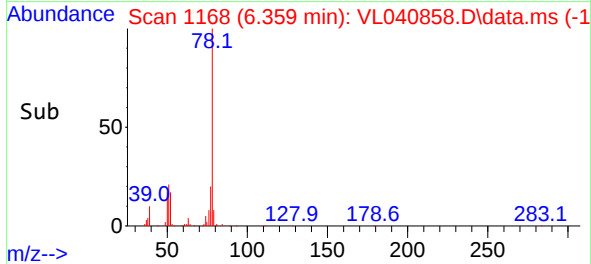
Instrument :
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ClientSampleId :
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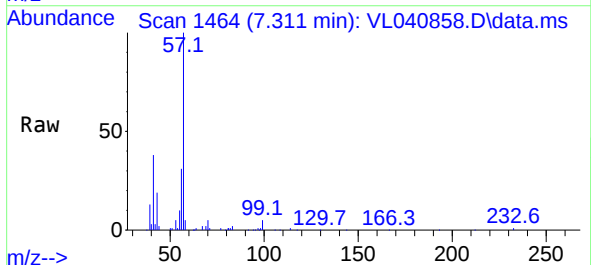
Tgt Ion: 78 Resp: 11114
Ion Ratio Lower Upper
78 100
77 20.4 18.4 27.6
50 16.6 16.2 24.2

Manual Integrations
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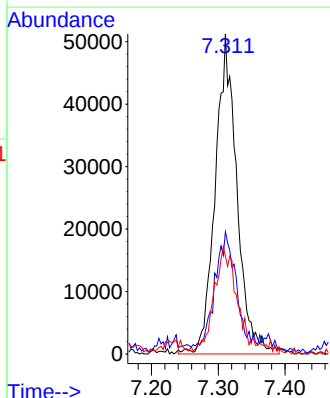
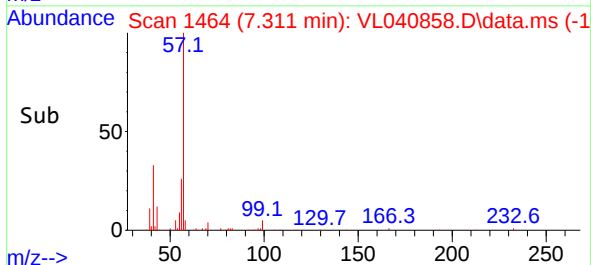
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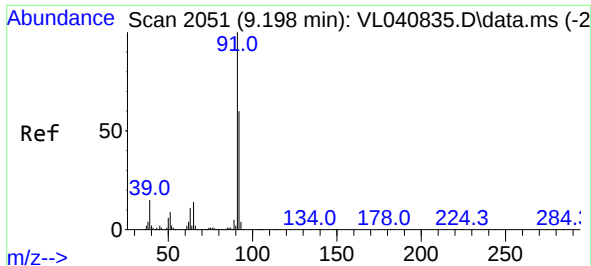


#44
2,2,4-Trimethylpentane
Concen: 0.323 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. 0.007 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50



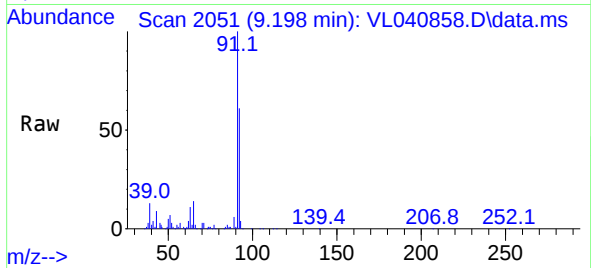
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Ion Ratio Lower Upper
57 100
41 39.3 29.0 43.6
56 38.6 25.2 37.8





#53
Toluene
Concen: 1.040 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

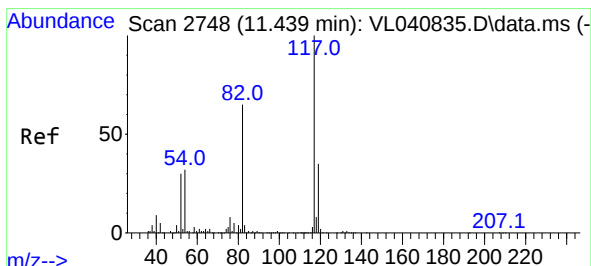
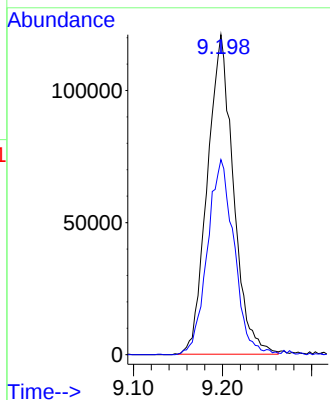
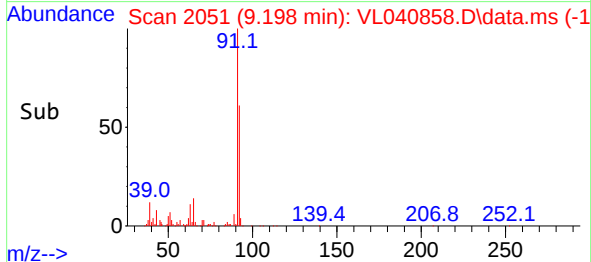
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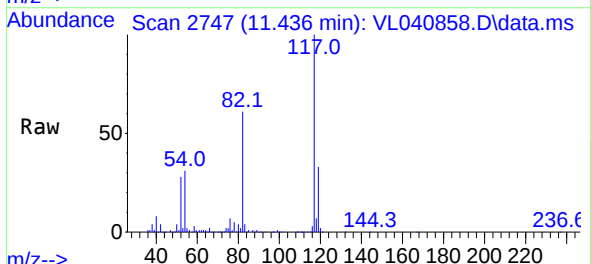
Tgt Ion: 91 Resp: 24574
Ion Ratio Lower Upper
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92 62.8 49.4 74.2

Manual Integrations
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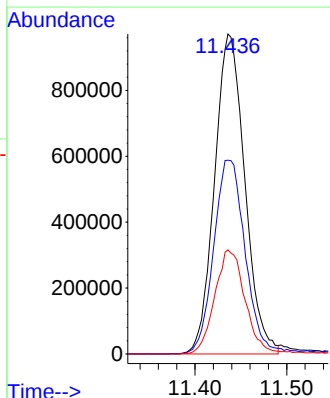
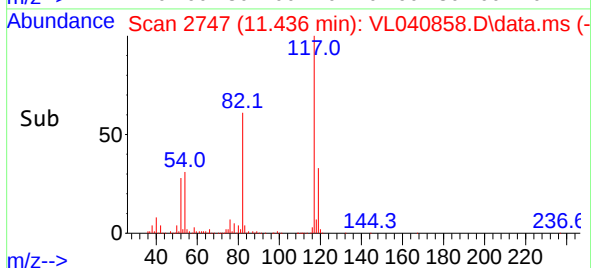
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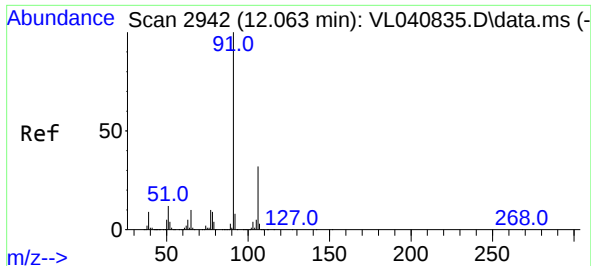


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. -0.003 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50



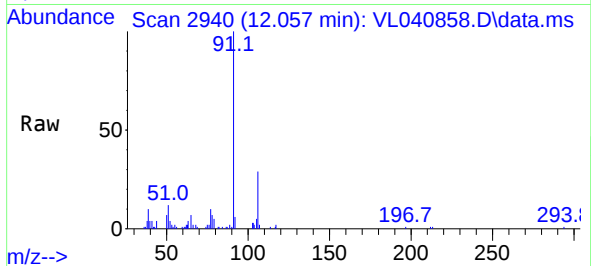
Tgt Ion:117 Resp: 2227278
Ion Ratio Lower Upper
117 100
82 64.9 50.6 75.8
119 33.5 23.3 34.9





#58
Ethyl Benzene
Concen: 0.174 ppbv m
RT: 12.057 min Scan# 2942
Delta R.T. -0.006 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

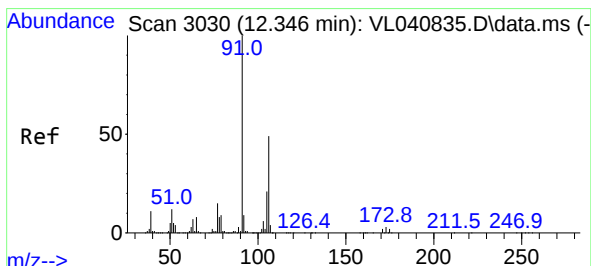
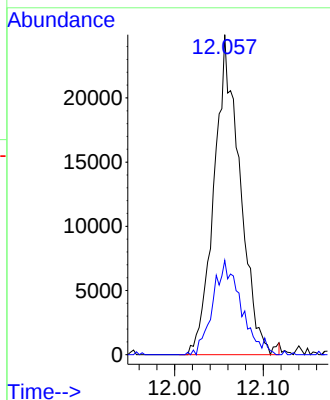
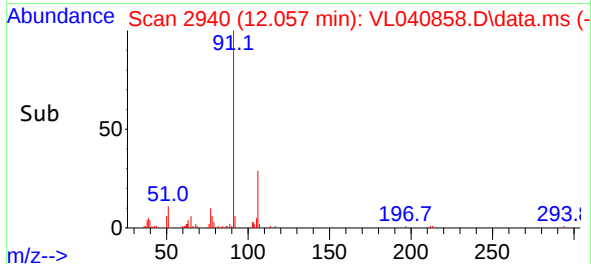
Instrument :
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NT-IA-5



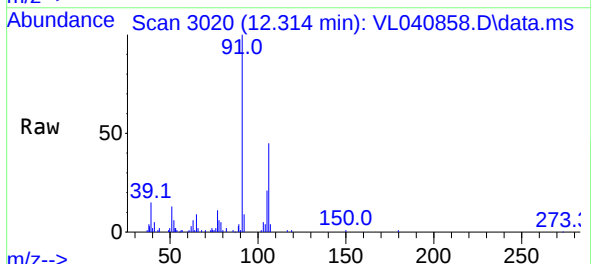
Tgt Ion: 91 Resp: 5055
Ion Ratio Lower Upper
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106 29.5 25.2 37.8

Manual Integrations
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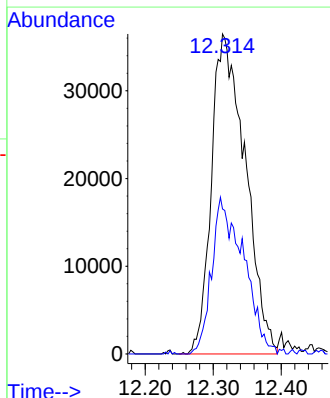
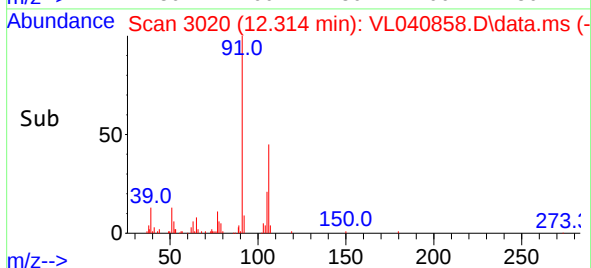
Reviewed By :Mahesh Dadoda 11/17/2023
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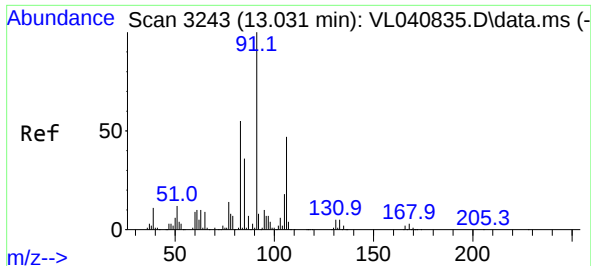


#59
m/p-Xylene
Concen: 0.509 ppbv m
RT: 12.314 min Scan# 3020
Delta R.T. -0.032 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50



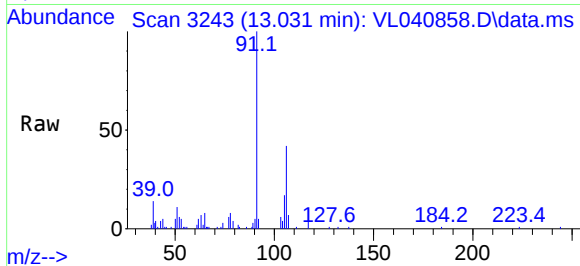
Tgt Ion: 91 Resp: 125846
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.0#





#60
o-Xylene
Concen: 0.205 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50

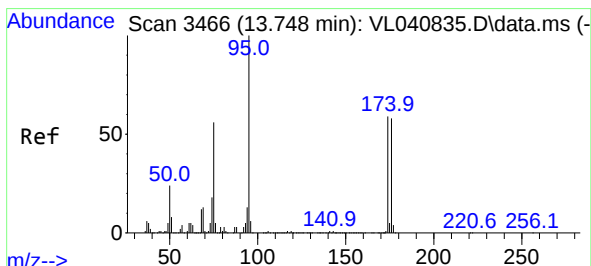
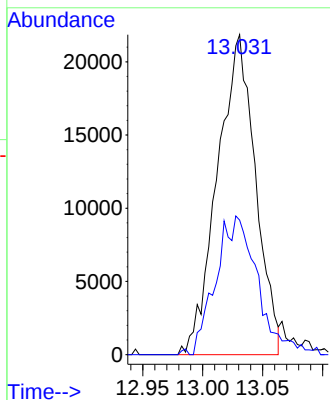
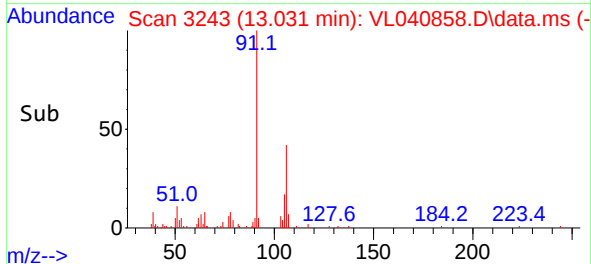
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-5



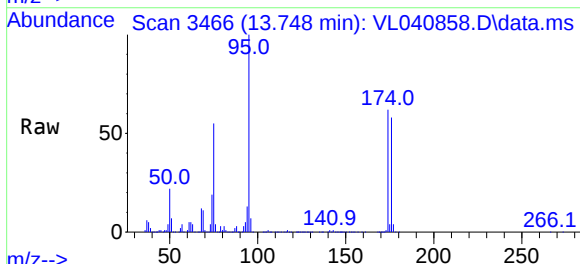
Tgt Ion: 91 Resp: 4823
Ion Ratio Lower Upper
91 100
106 48.2 22.9 68.5

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.696 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VL040858.D
Acq: 14 Nov 2023 19:50



Tgt Ion: 95 Resp: 1690775
Ion Ratio Lower Upper
95 100
174 62.4 47.5 71.3
175 4.6 3.6 5.4

