

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040875.D
 Acq On : 15 Nov 2023 19:31
 Operator : SY/MD
 Sample : 05277-07 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-8-2

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 05:55:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.195	49	1027451	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	2499133	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.449	117	2257243	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1786838	10.111	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
13) Ethanol	3.272	45	791180	73.701	ppbv #	100
15) Acetone	3.491	43	864268	7.898	ppbv	95
20) Methylene Chloride	3.951	84	721026	15.966	ppbv	98
25) Ethyl Acetate	5.221	43	355896	1.571	ppbv #	77
26) Hexane	5.218	57	506430	5.050	ppbv #	40
27) Carbon Disulfide	4.137	76	37856	0.298	ppbv #	70
34) 2-Butanone	4.800	43	73201	0.575	ppbv	98
36) Benzene	6.366	78	29544	0.146	ppbv #	82
53) Toluene	9.205	91	56534m	0.253	ppbv	

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

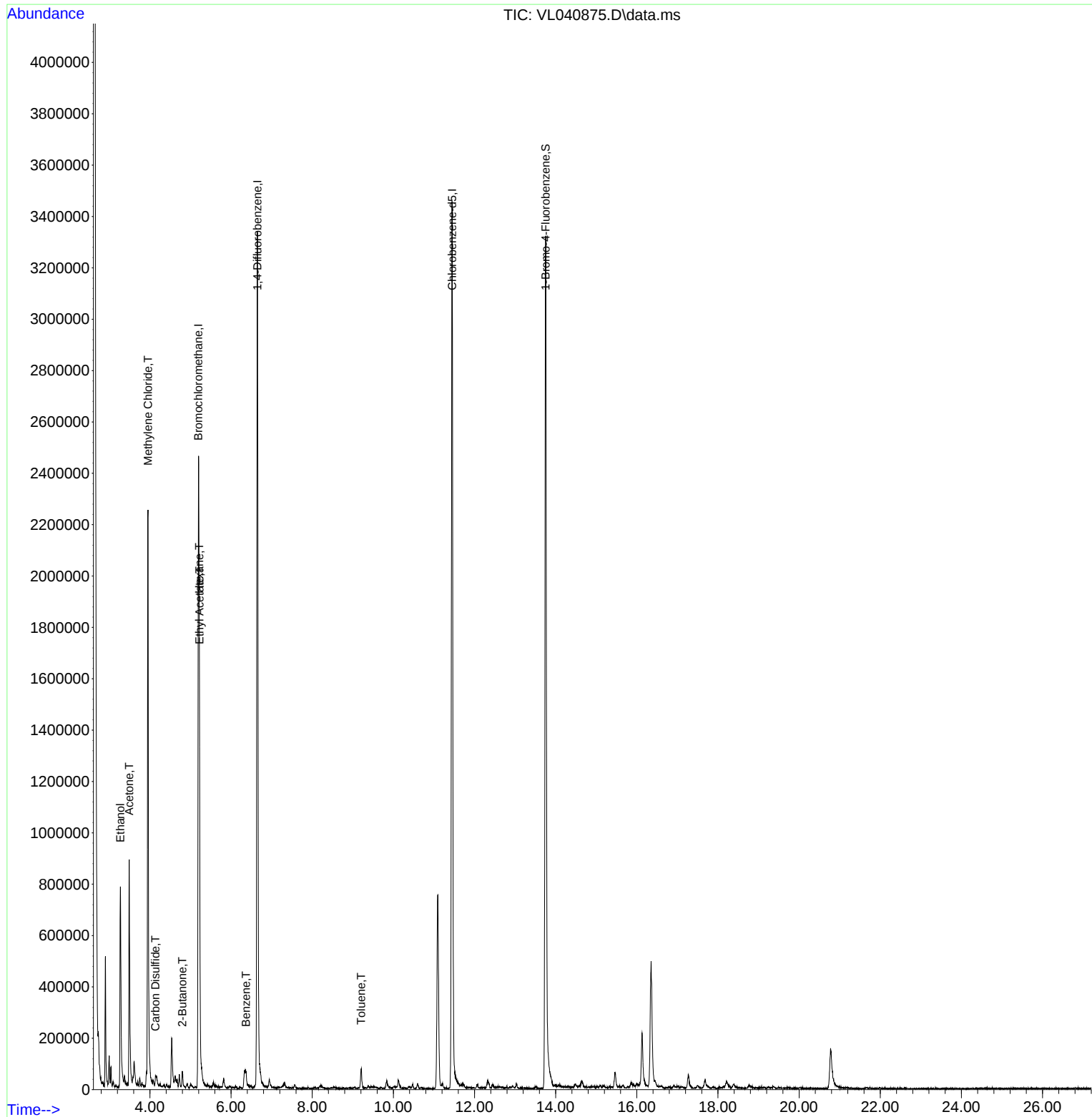
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
Data File : VL040875.D
Acq On : 15 Nov 2023 19:31
Operator : SY/MD
Sample : 05277-07 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

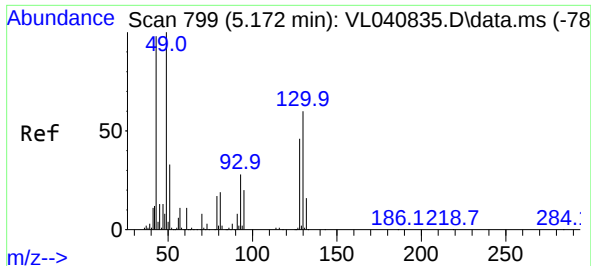
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2

Quant Time: Nov 16 05:55:30 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
APPROVED

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





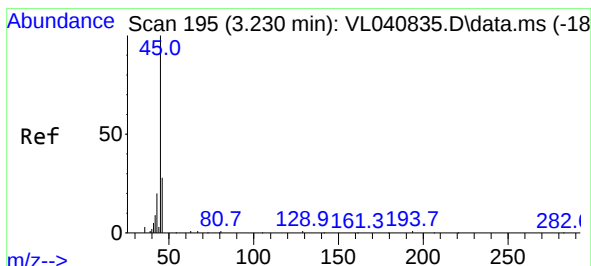
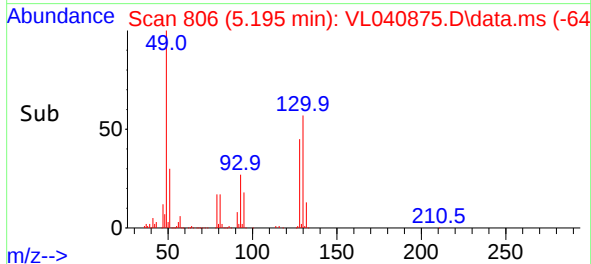
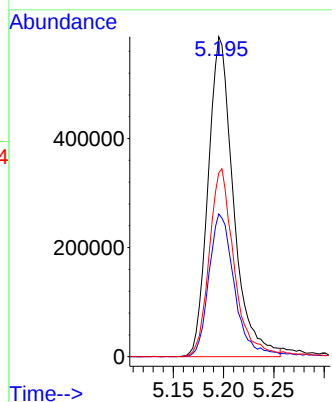
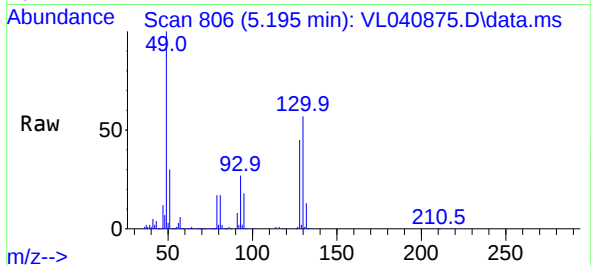
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.023 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2

Tgt Ion: 49 Resp: 102745
Ion Ratio Lower Upper
49 100
128 46.1 23.8 71.2
130 59.7 30.9 92.8

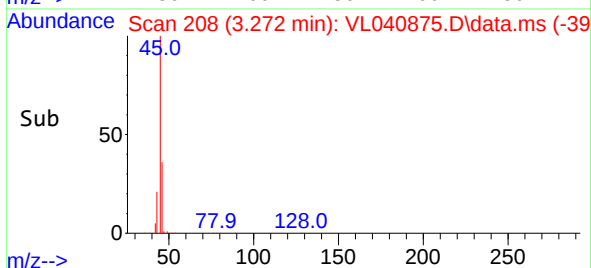
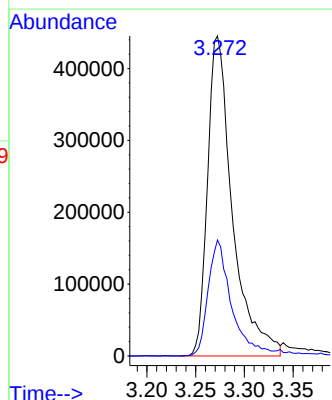
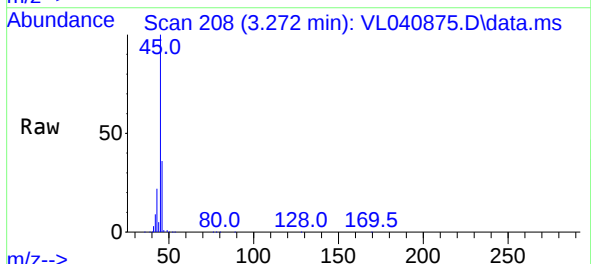
Manual Integrations
APPROVED

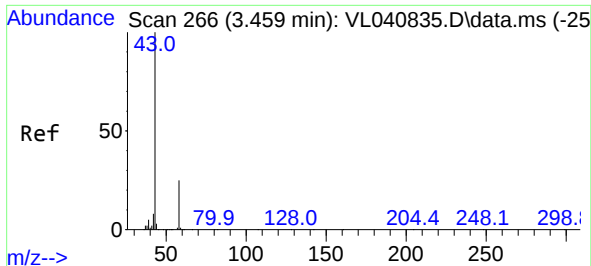
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#13
Ethanol
Concen: 73.701 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.042 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Tgt Ion: 45 Resp: 791180
Ion Ratio Lower Upper
45 100
46 36.0 0.0 0.0#





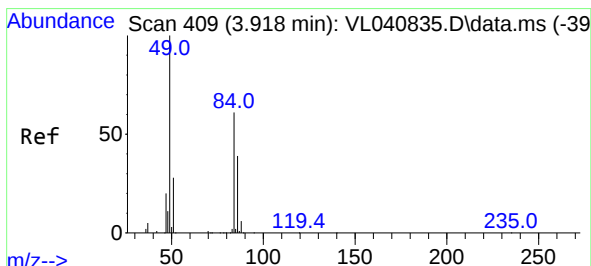
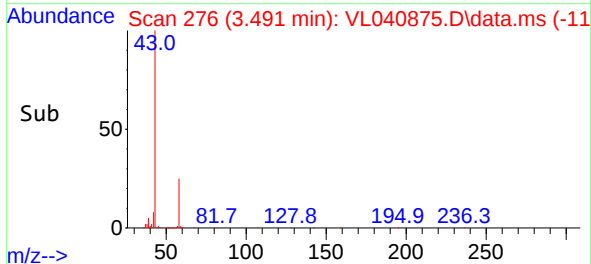
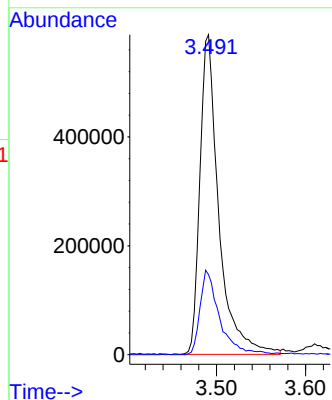
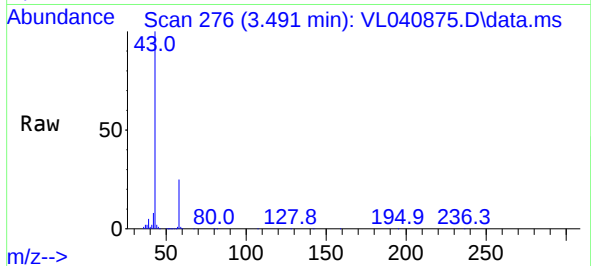
#15
Acetone
Concen: 7.898 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2

Tgt Ion: 43 Resp: 864268
Ion Ratio Lower Upper
43 100
58 28.5 20.9 31.3

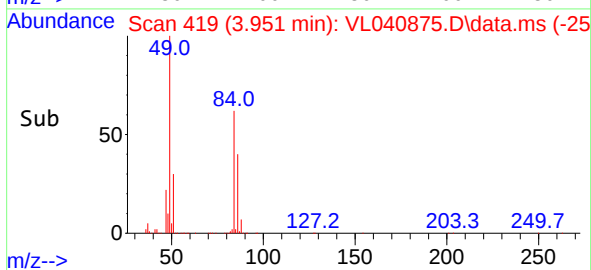
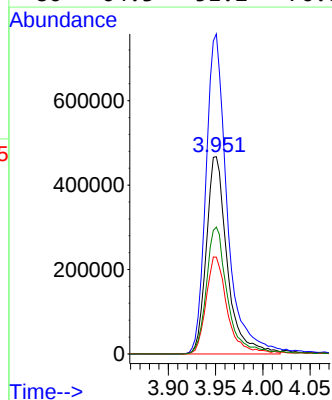
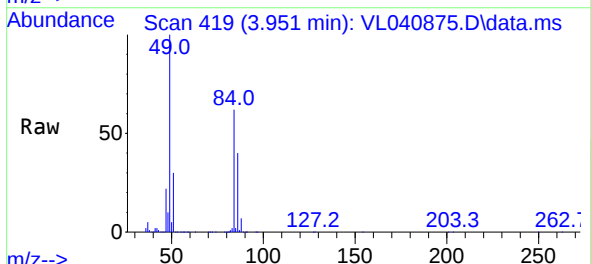
Manual Integrations
APPROVED

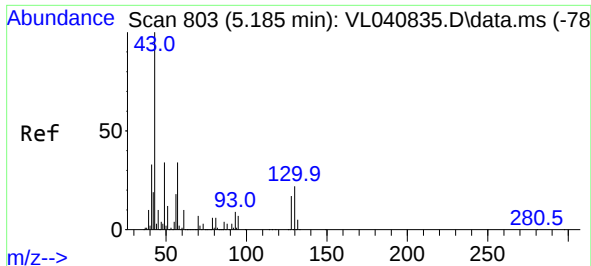
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 15.966 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.032 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

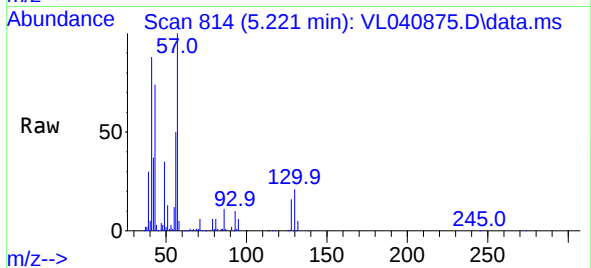
Tgt Ion: 84 Resp: 721026
Ion Ratio Lower Upper
84 100
49 162.1 131.0 196.4
51 48.9 36.9 55.3
86 64.3 51.2 76.8





#25
Ethyl Acetate
Concen: 1.571 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.036 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2

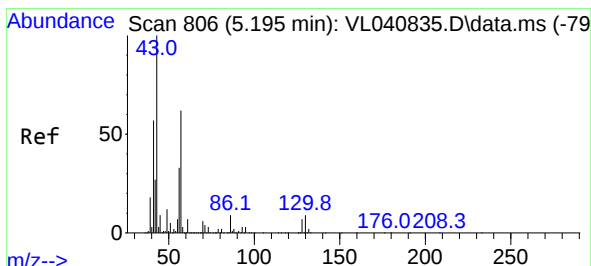
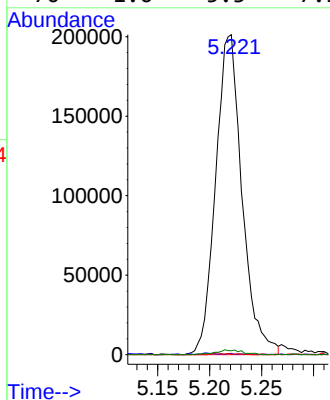
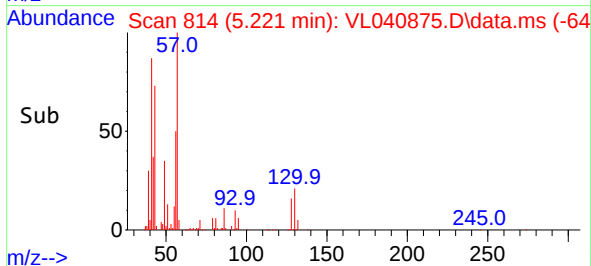


Tgt Ion: 43 Resp: 355890

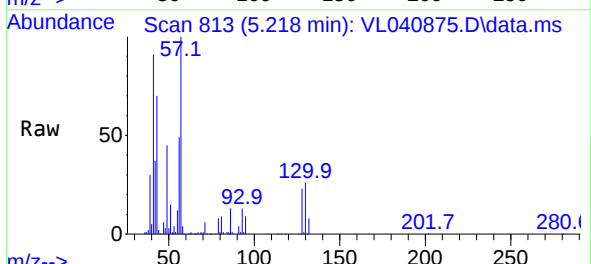
Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.1	12.1
61	0.4	7.8	11.6
70	1.6	5.3	7.9

Manual Integrations
APPROVED

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

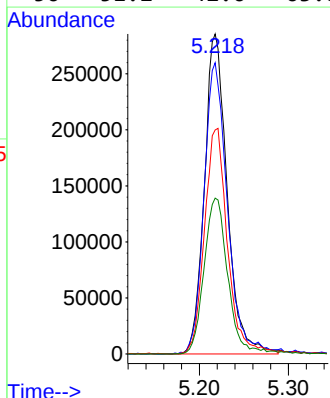
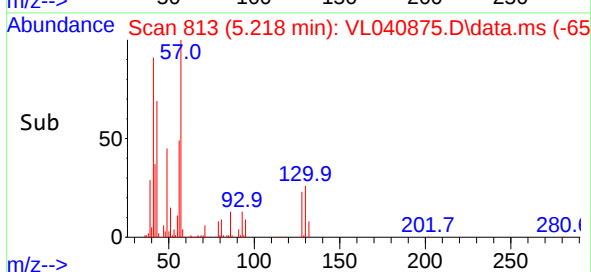


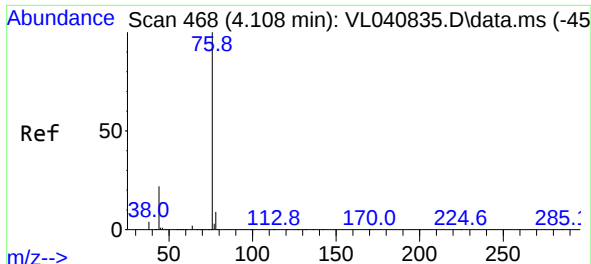
#26
Hexane
Concen: 5.050 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.023 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31



Tgt Ion: 57 Resp: 506430

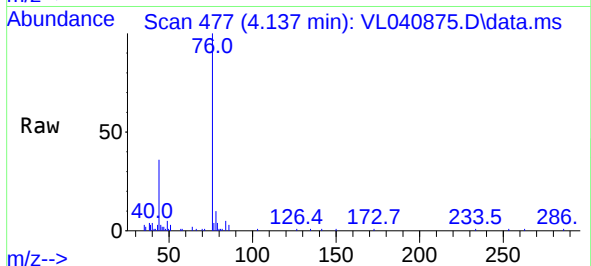
Ion	Ratio	Lower	Upper
57	100		
41	95.2	75.4	113.0
43	72.2	185.9	278.9
56	51.2	42.6	63.8





#27
Carbon Disulfide
Concen: 0.298 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

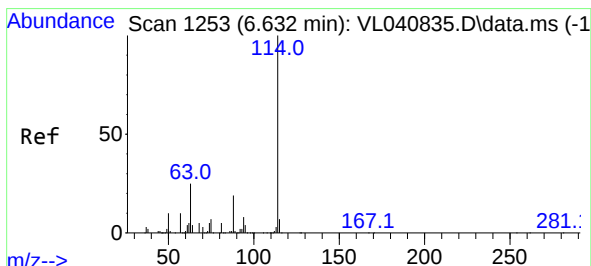
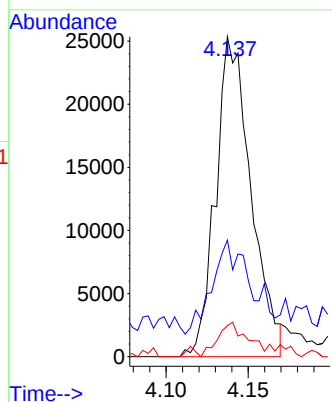
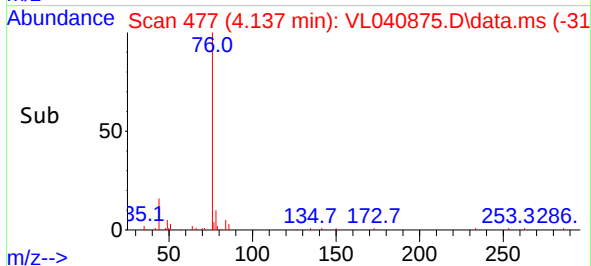
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2



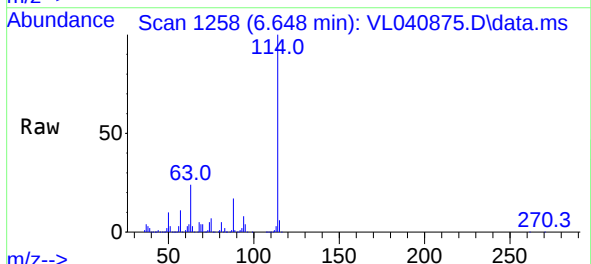
Tgt Ion: 76 Resp: 37850
Ion Ratio Lower Upper
76 100
44 39.6 16.7 25.1
78 11.9 7.6 11.4

Manual Integrations
APPROVED

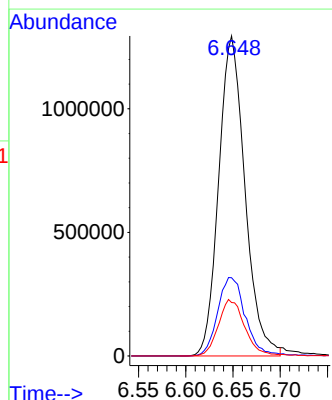
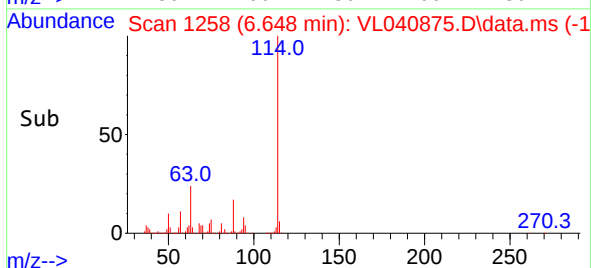
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

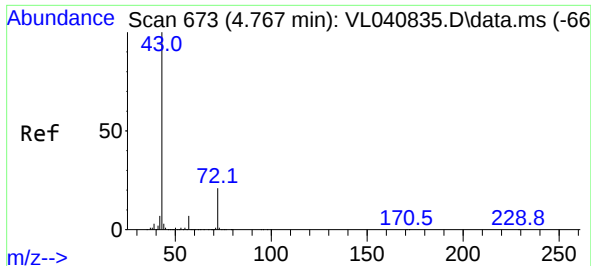


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.016 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31



Tgt Ion:114 Resp: 2499133
Ion Ratio Lower Upper
114 100
63 26.2 20.9 31.3
88 18.0 14.3 21.5





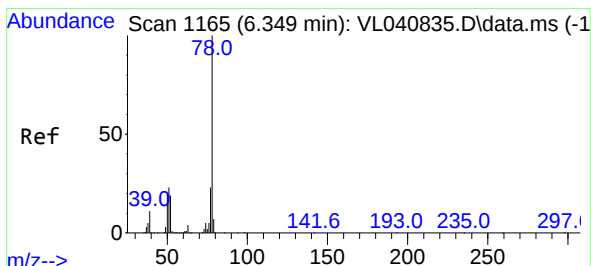
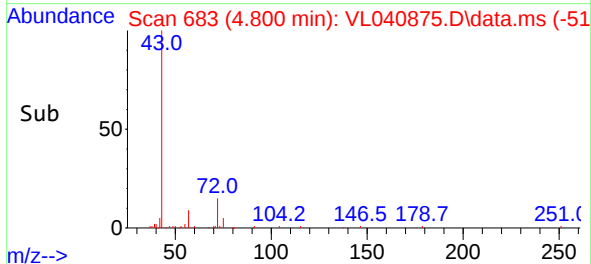
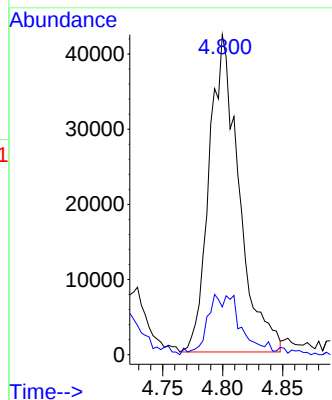
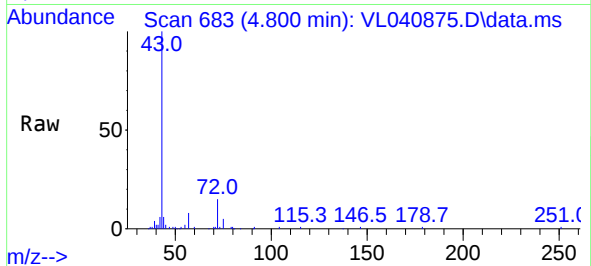
#34
2-Butanone
Concen: 0.575 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.032 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2

Tgt Ion: 43 Resp: 7320
Ion Ratio Lower Upper
43 100
72 22.5 17.2 25.8

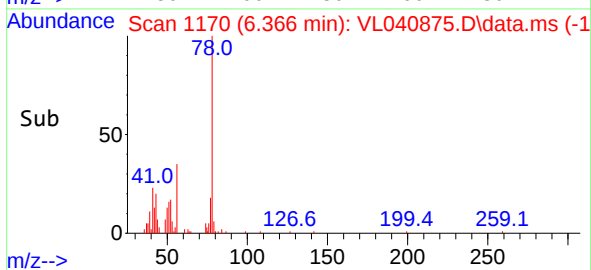
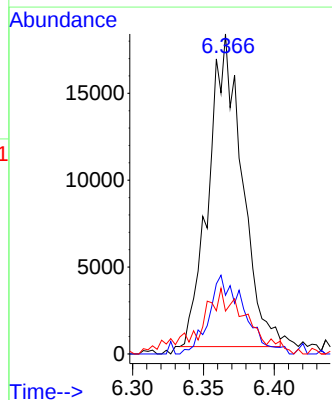
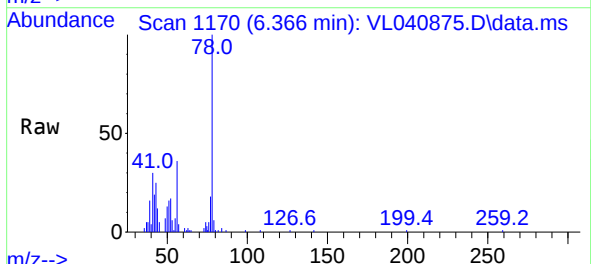
Manual Integrations
APPROVED

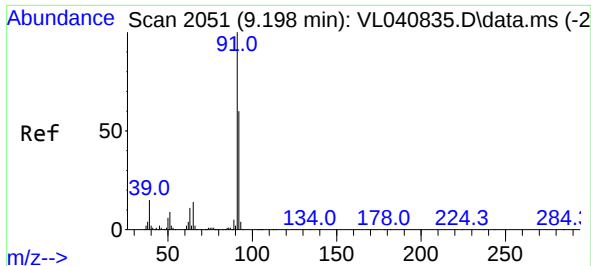
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#36
Benzene
Concen: 0.146 ppbv
RT: 6.366 min Scan# 1170
Delta R.T. 0.016 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Tgt Ion: 78 Resp: 29544
Ion Ratio Lower Upper
78 100
77 16.7 18.4 27.6#
50 9.6 16.2 24.2#





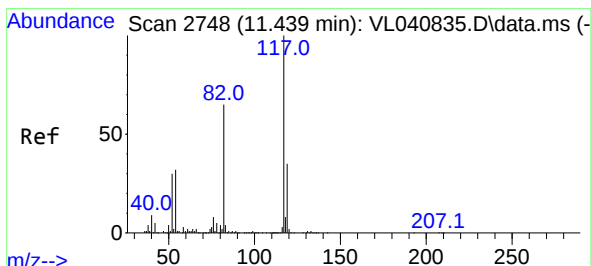
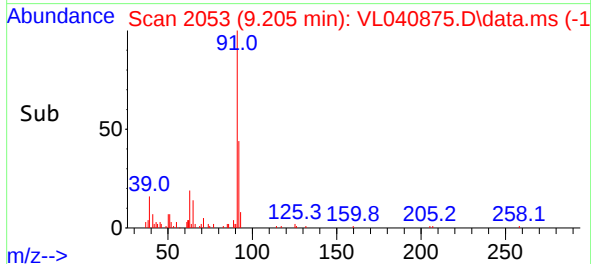
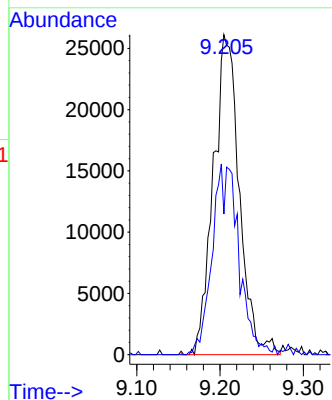
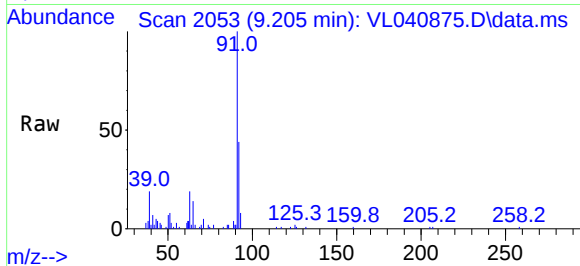
#53
Toluene
Concen: 0.253 ppbv m
RT: 9.205 min Scan# 2053
Delta R.T. 0.007 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2

Tgt Ion: 91 Resp: 56534
Ion Ratio Lower Upper
91 100
92 62.7 49.4 74.2

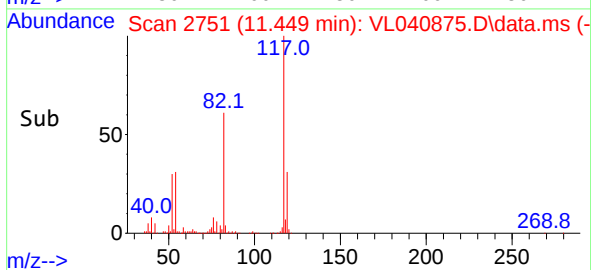
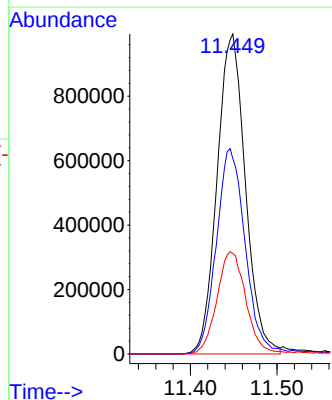
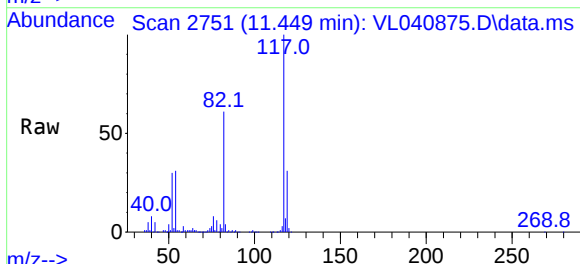
Manual Integrations
APPROVED

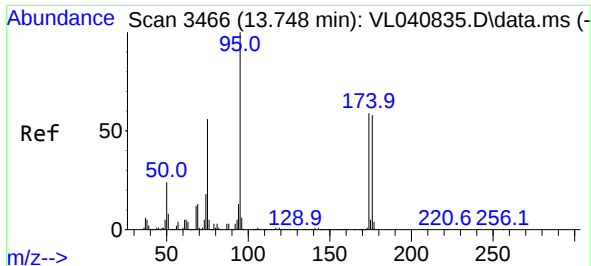
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. 0.010 min
Lab File: VL040875.D
Acq: 15 Nov 2023 19:31

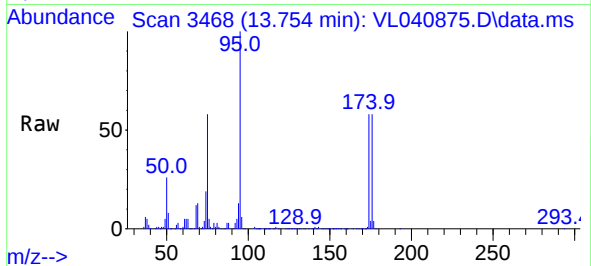
Tgt Ion:117 Resp: 2257243
Ion Ratio Lower Upper
117 100
82 66.3 50.6 75.8
119 33.4 23.3 34.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.111 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. 0.007 min
 Lab File: VL040875.D
 Acq: 15 Nov 2023 19:31

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-8-2



Tgt Ion: 95 Resp: 1786838
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.5 71.3
 175 4.3 3.6 5.4

Manual Integrations
 APPROVED

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

