

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040885.D
 Acq On : 16 Nov 2023 1:54
 Operator : SY/MD
 Sample : 05277-08 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-9

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 06:36:52 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	5.205	49	920925	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2264902	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.449	117	2007624	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1588560	10.106	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
13) Ethanol	3.275	45	166351	17.289	ppbv #	100
15) Acetone	3.504	43	447788	4.565	ppbv	98
20) Methylene Chloride	3.960	84	49541	1.224	ppbv	93
26) Hexane	5.227	57	170701	1.899	ppbv #	40
36) Benzene	6.378	78	30663	0.167	ppbv	97
38) Trichloroethene	7.295	130	4923m	0.069	ppbv	
53) Toluene	9.208	91	54790	0.271	ppbv	97

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

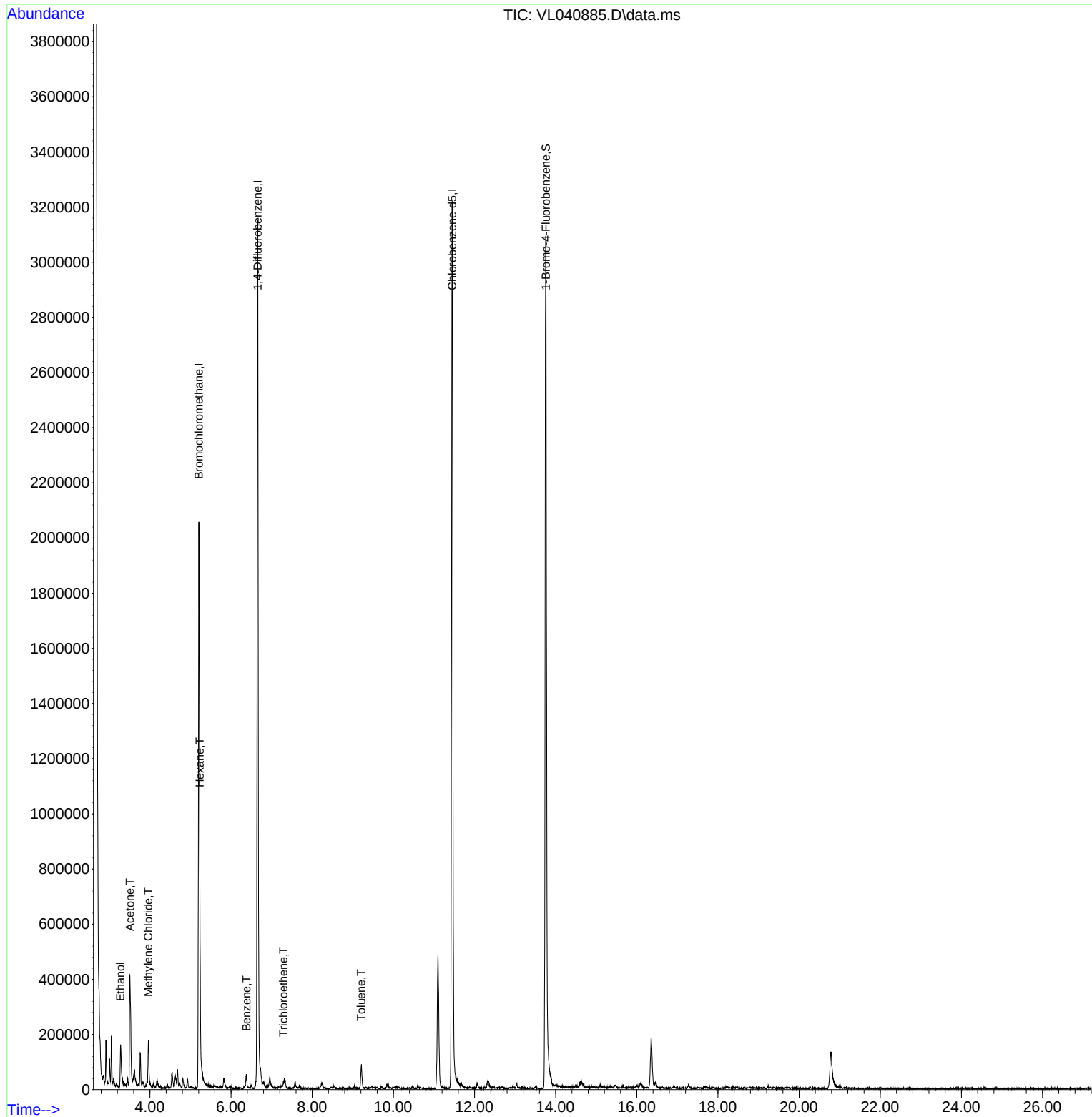
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
Data File : VL040885.D
Acq On : 16 Nov 2023 1:54
Operator : SY/MD
Sample : 05277-08 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

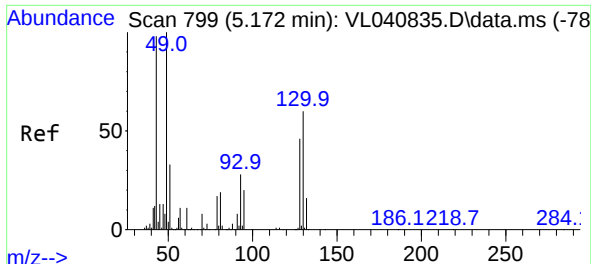
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9

Quant Time: Nov 16 06:36:52 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





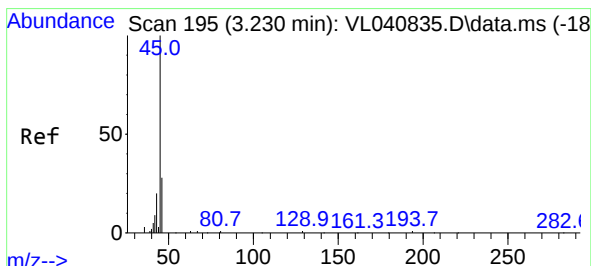
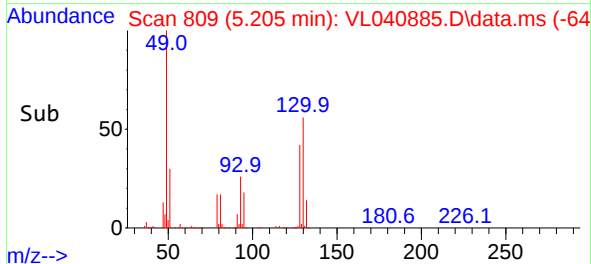
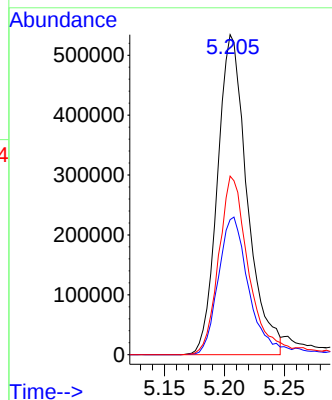
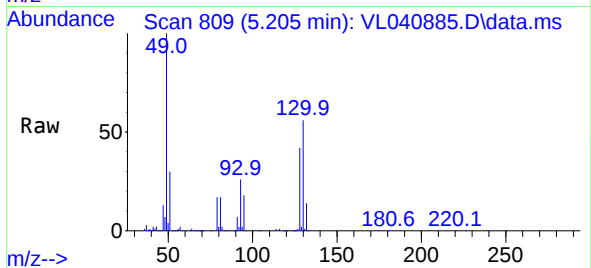
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.033 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9

Tgt Ion: 49 Resp: 92092
Ion Ratio Lower Upper
49 100
128 46.5 23.8 71.2
130 58.4 30.9 92.8

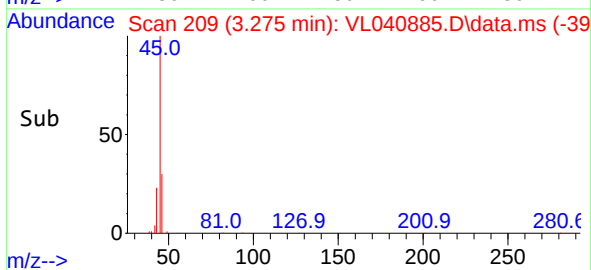
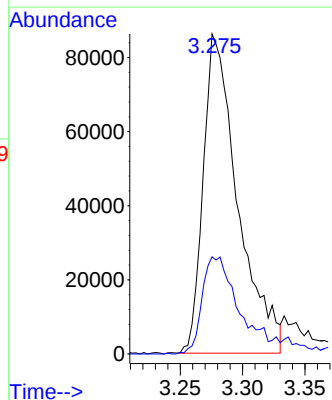
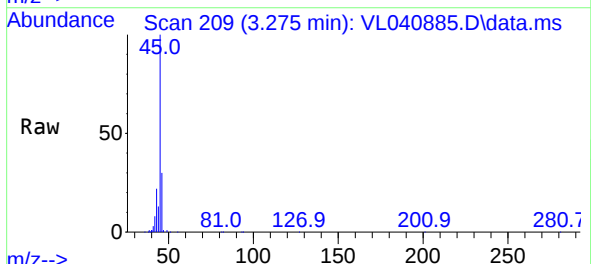
Manual Integrations
APPROVED

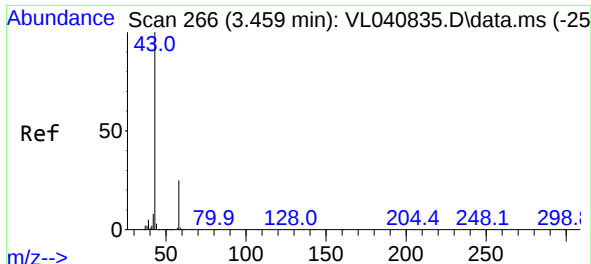
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#13
Ethanol
Concen: 17.289 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.045 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

Tgt Ion: 45 Resp: 166351
Ion Ratio Lower Upper
45 100
46 37.4 0.0 0.0#





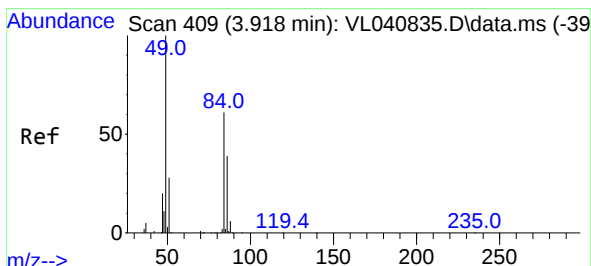
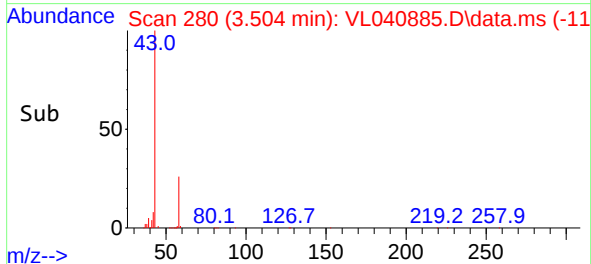
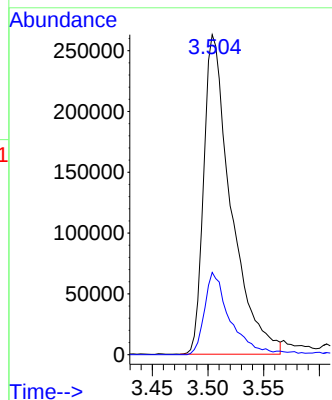
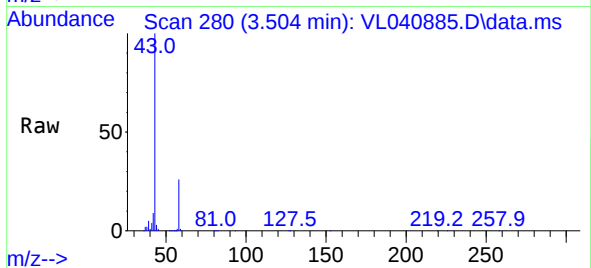
#15
Acetone
Concen: 4.565 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

Instrument :
MSVOA_L
Client Sample Id :
NT-SS-9

Tgt Ion: 43 Resp: 44778
Ion Ratio Lower Upper
43 100
58 24.9 20.9 31.3

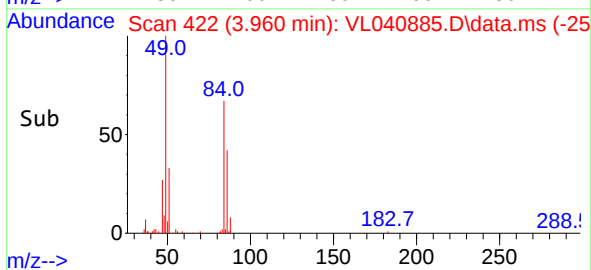
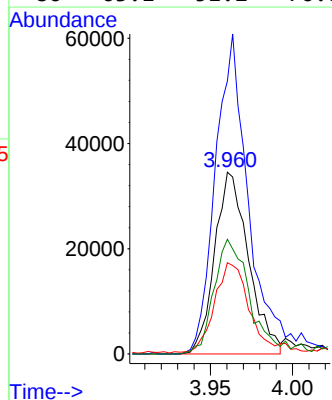
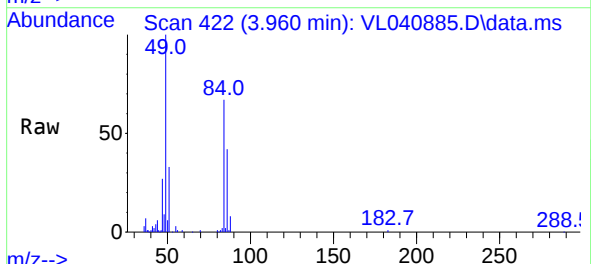
Manual Integrations
APPROVED

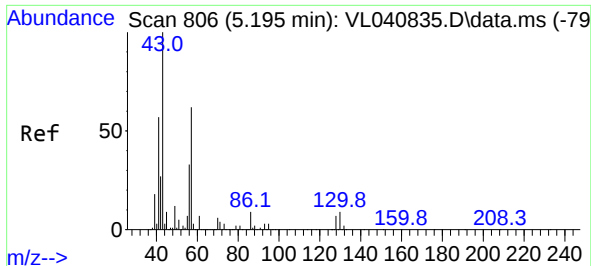
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 1.224 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.042 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

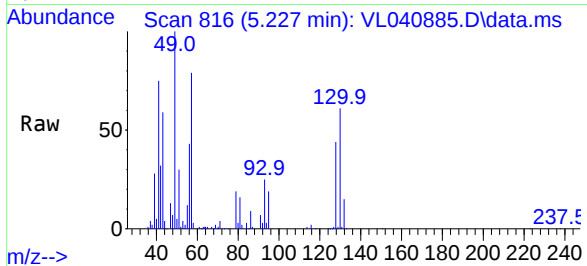
Tgt Ion: 84 Resp: 49541
Ion Ratio Lower Upper
84 100
49 150.2 131.0 196.4
51 49.2 36.9 55.3
86 63.1 51.2 76.8





#26
Hexane
Concen: 1.899 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.032 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

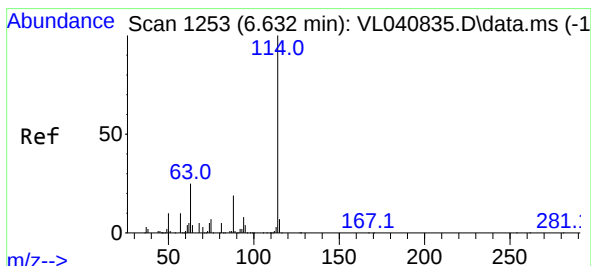
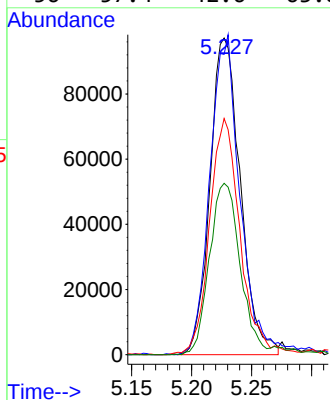
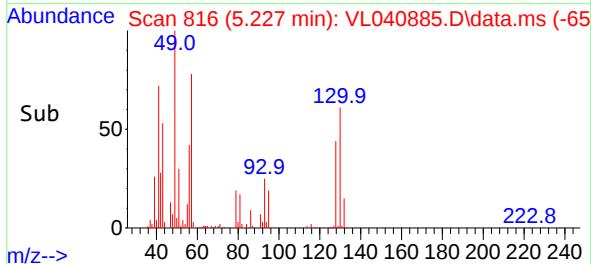
Instrument :
MSVOA_L
Client Sample Id :
NT-SS-9



Tgt Ion: 57 Resp: 17070
Ion Ratio Lower Upper
57 100
41 102.3 75.4 113.0
43 75.8 185.9 278.9
56 57.4 42.6 63.8

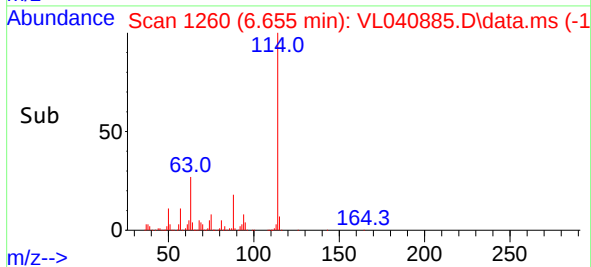
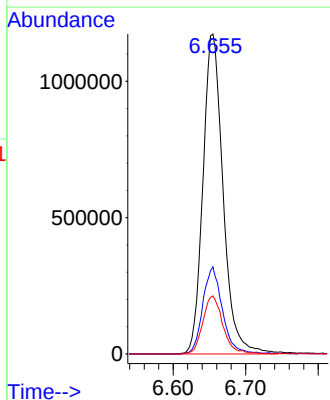
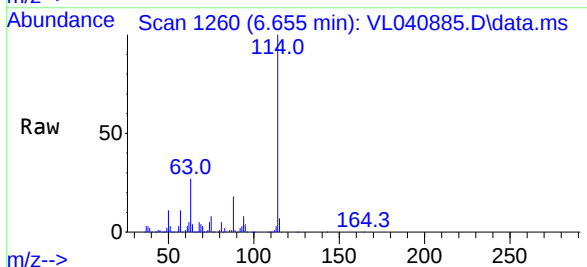
Manual Integrations
APPROVED

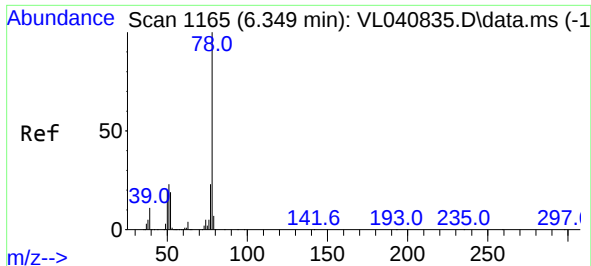
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.023 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

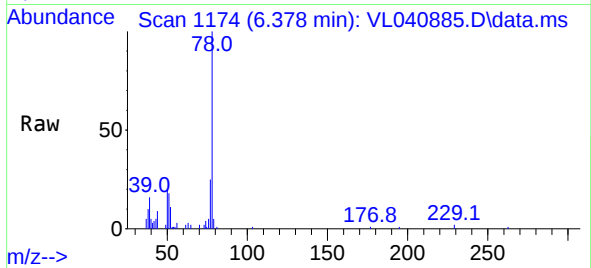
Tgt Ion:114 Resp: 2264902
Ion Ratio Lower Upper
114 100
63 26.8 20.9 31.3
88 18.1 14.3 21.5





#36
Benzene
Concen: 0.167 ppbv
RT: 6.378 min Scan# 1165
Delta R.T. 0.029 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

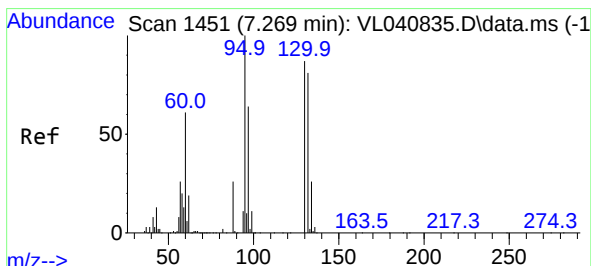
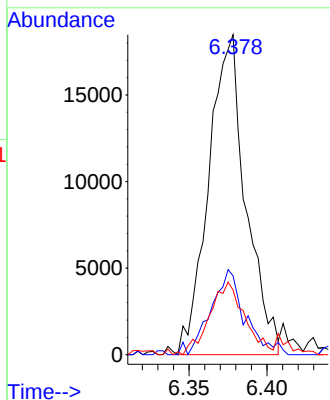
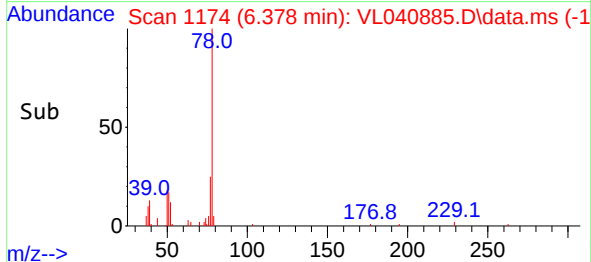
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9



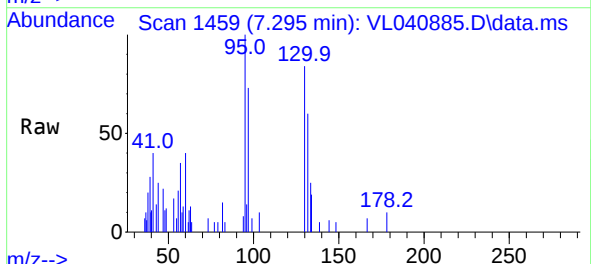
Tgt Ion: 78 Resp: 3066
Ion Ratio Lower Upper
78 100
77 24.6 18.4 27.6
50 19.3 16.2 24.2

Manual Integrations
APPROVED

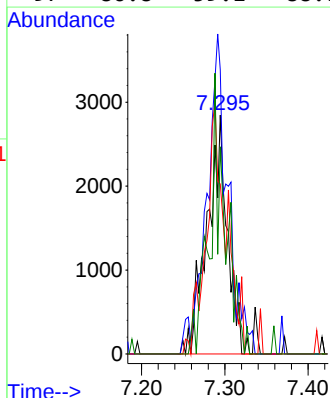
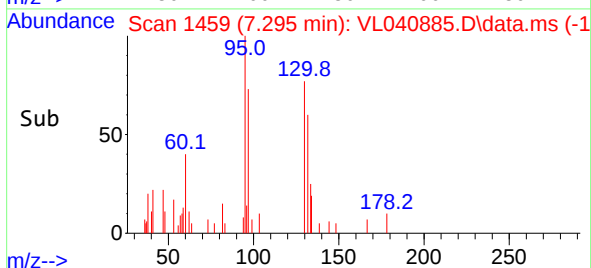
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

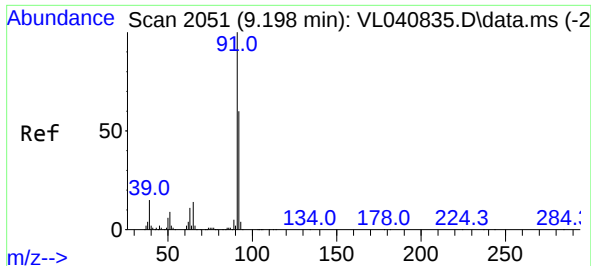


#38
Trichloroethene
Concen: 0.069 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. 0.026 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54



Tgt Ion:130 Resp: 4923
Ion Ratio Lower Upper
130 100
95 118.9 92.4 138.6
132 71.1 75.1 112.7#
97 86.8 59.1 88.7





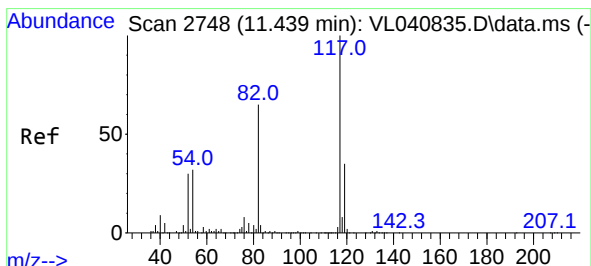
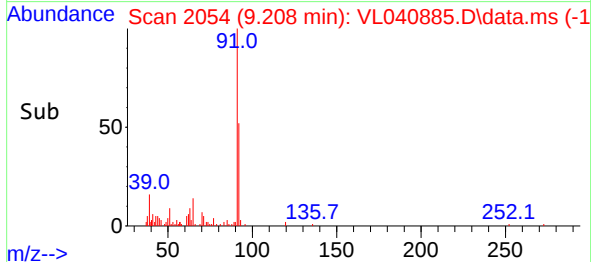
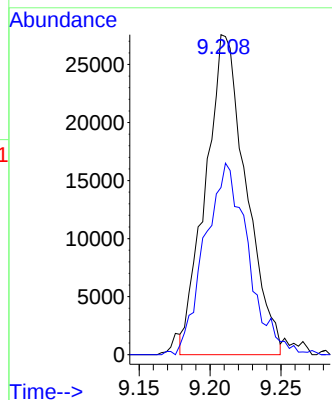
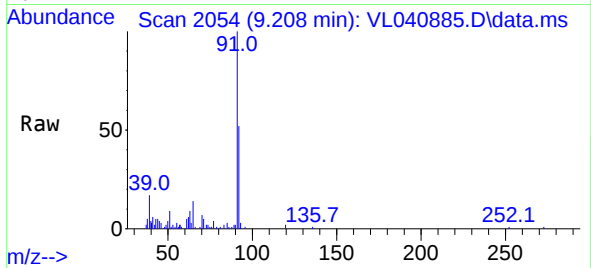
#53
Toluene
Concen: 0.271 ppbv
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9

Tgt Ion: 91 Resp: 54790
Ion Ratio Lower Upper
91 100
92 64.2 49.4 74.2

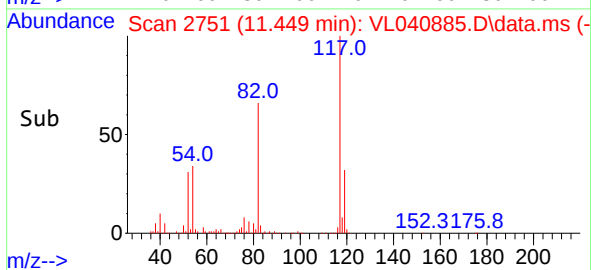
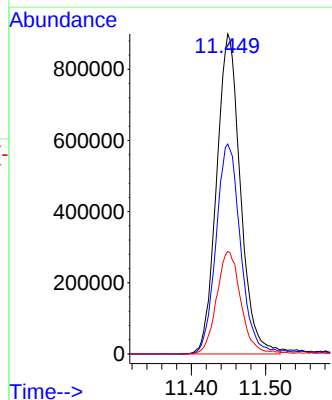
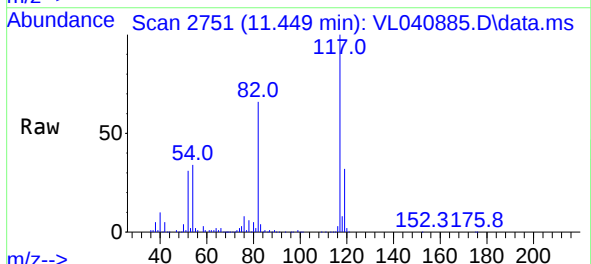
Manual Integrations
APPROVED

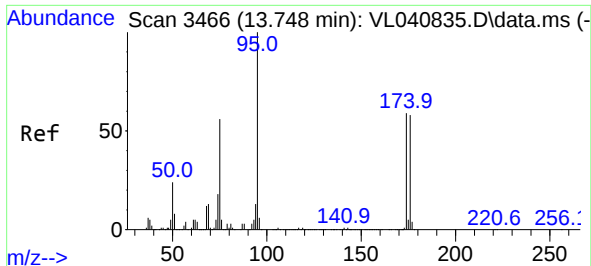
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. 0.010 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

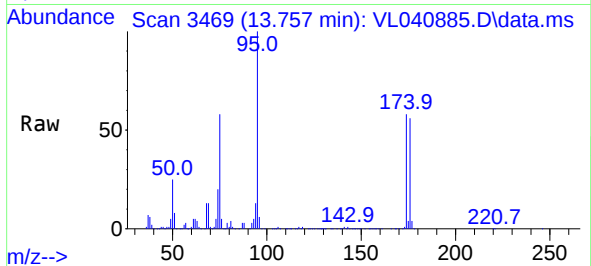
Tgt Ion:117 Resp: 2007624
Ion Ratio Lower Upper
117 100
82 69.0 50.6 75.8
119 33.3 23.3 34.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.106 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.010 min
Lab File: VL040885.D
Acq: 16 Nov 2023 1:54

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9



Tgt Ion: 95 Resp: 1588560
Ion Ratio Lower Upper
95 100
174 59.6 47.5 71.3
175 4.4 3.6 5.4

Manual Integrations
APPROVED

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

