

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041562.D
 Acq On : 21 Aug 2024 11:07
 Operator : SY/MD
 Sample : P3659-02DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 22 2024
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.195	49	1019865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2754414	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2504975	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1875896	9.731	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.276	45	3003m	0.602	ppbv	
15) Acetone	3.501	43	63321	0.546	ppbv #	85
20) Methylene Chloride	3.948	84	47439	1.098	ppbv	94
25) Ethyl Acetate	5.218	43	37574m	0.163	ppbv	
26) Hexane	5.218	57	45893	0.481	ppbv #	36
34) 2-Butanone	4.812	43	43300m	0.325	ppbv	
52) Tetrachloroethene	10.613	164	640131	8.231	ppbv	97
53) Toluene	9.221	91	22105m	0.099	ppbv	
59) m/p-Xylene	12.339	91	34610m	0.139	ppbv	

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

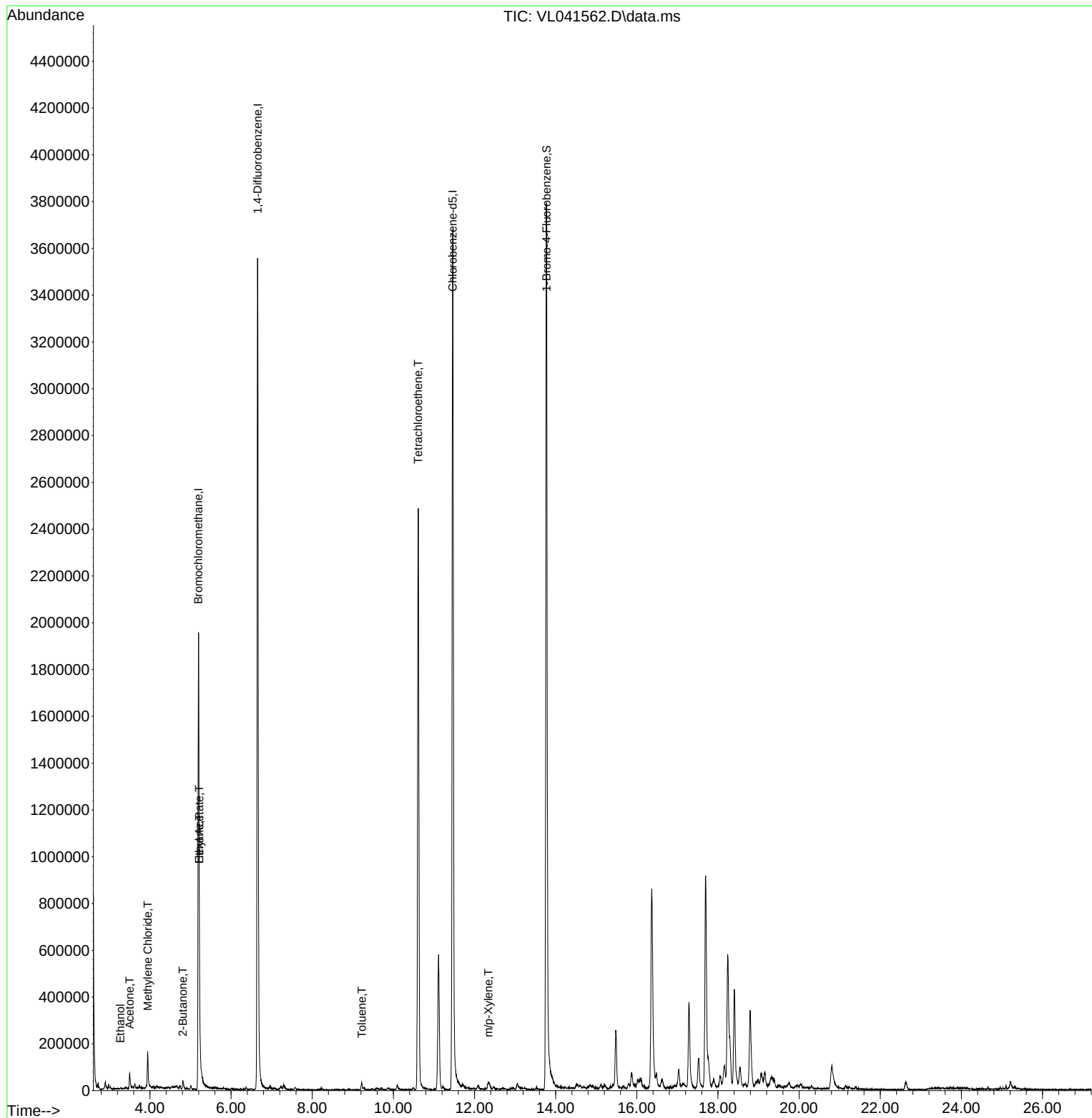
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041562.D
Acq On : 21 Aug 2024 11:07
Operator : SY/MD
Sample : P3659-02DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

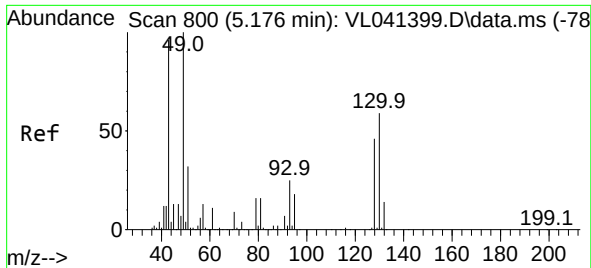
Instrument :
MSVOA_L
ClientSampleId :
SVIDL2

Quant Time: Aug 22 01:09:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

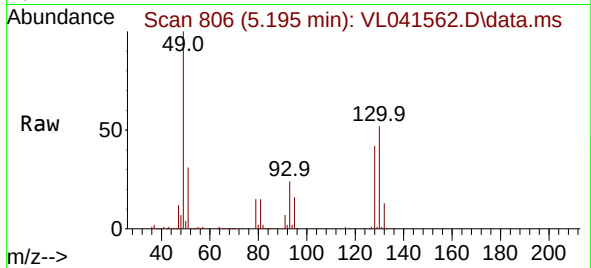
Reviewed By : Semsettin Yesilyurt 08/23/2024
Supervised By : Mahesh Dadoda 08/23/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

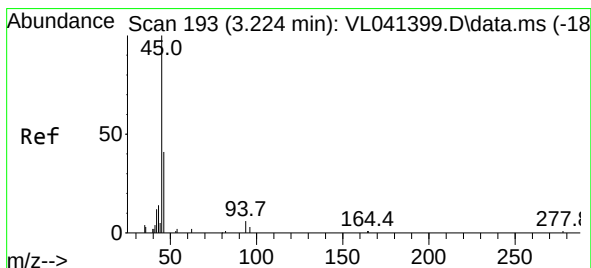
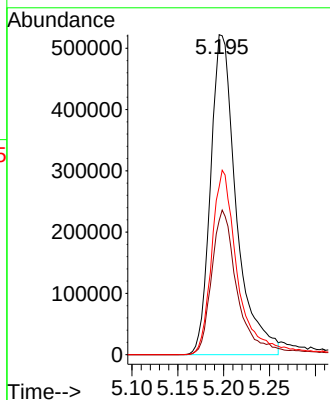
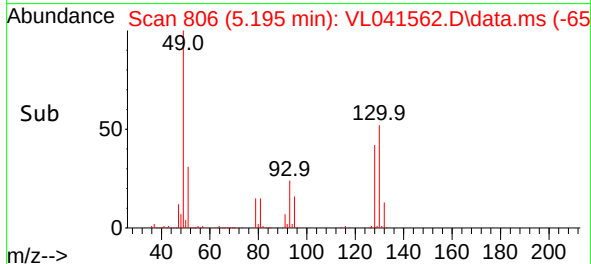
Instrument :
MSVOA_L
ClientSampleId :
SVIDL2



Tgt Ion: 49 Resp: 101986
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 60.5 30.8 92.4

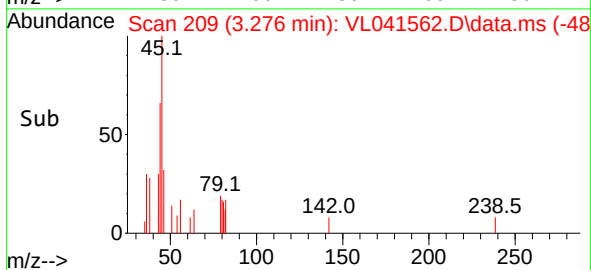
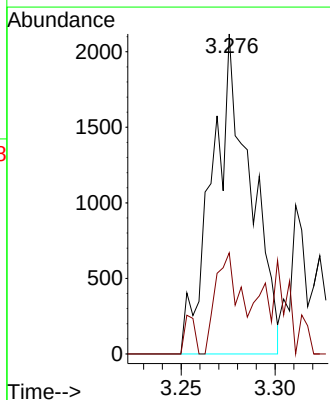
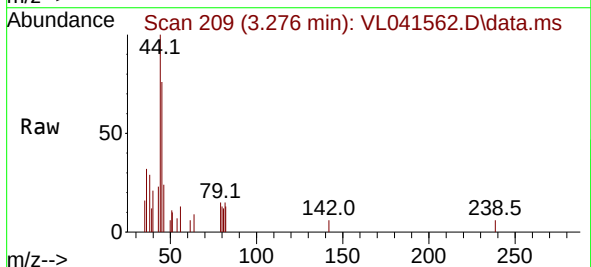
Manual Integrations
APPROVED

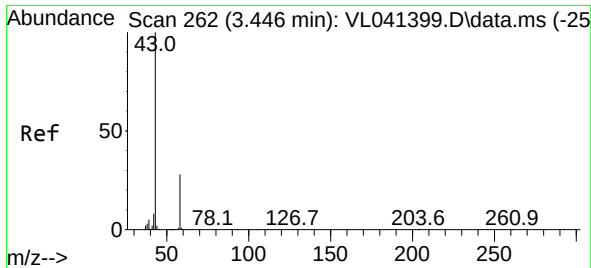
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#13
Ethanol
Concen: 0.602 ppbv m
RT: 3.276 min Scan# 209
Delta R.T. 0.016 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

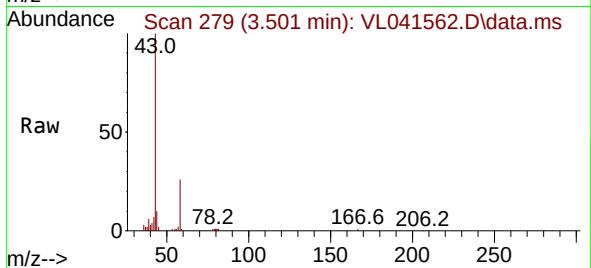
Tgt Ion: 45 Resp: 3003
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#





#15
Acetone
Concen: 0.546 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

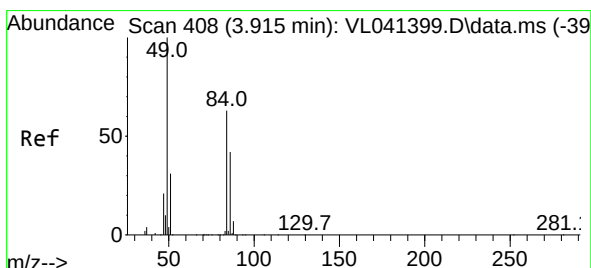
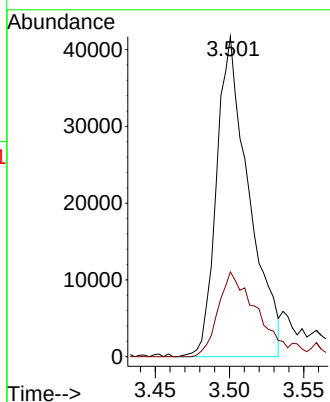
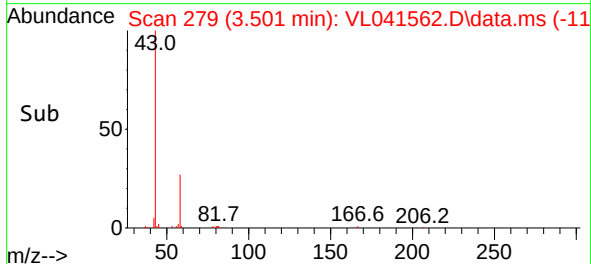
Instrument :
MSVOA_L
ClientSampleId :
SVIDL2



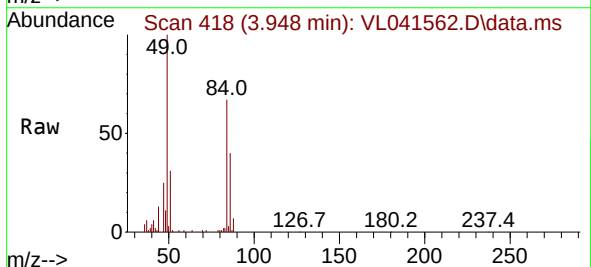
Tgt Ion: 43 Resp: 6332
Ion Ratio Lower Upper
43 100
58 34.6 21.4 32.2

Manual Integrations
APPROVED

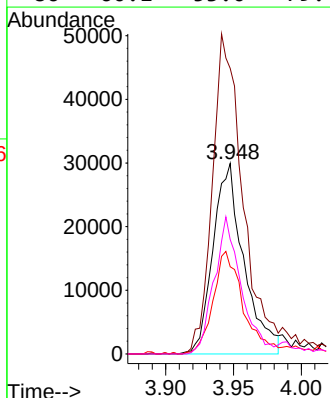
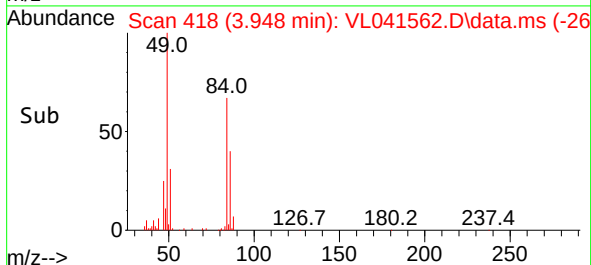
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

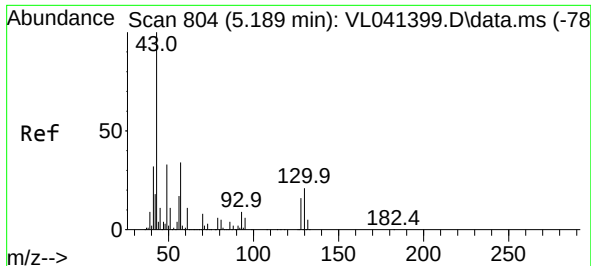


#20
Methylene Chloride
Concen: 1.098 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.007 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07



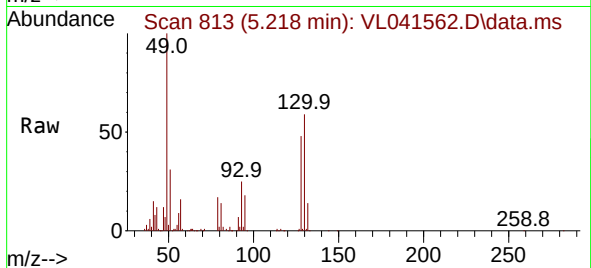
Tgt Ion: 84 Resp: 47439
Ion Ratio Lower Upper
84 100
49 149.9 126.6 190.0
51 45.7 38.6 58.0
86 60.1 53.0 79.4





#25
Ethyl Acetate
Concen: 0.163 ppbv m
RT: 5.218 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

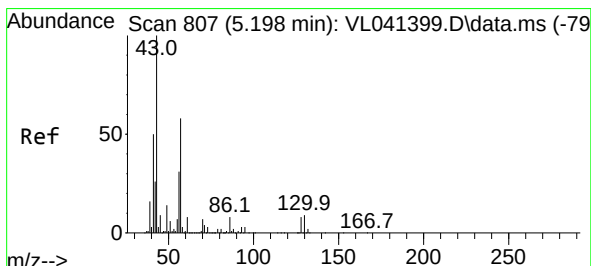
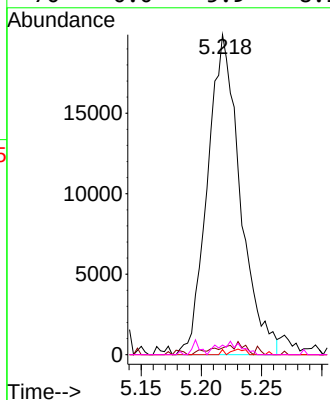
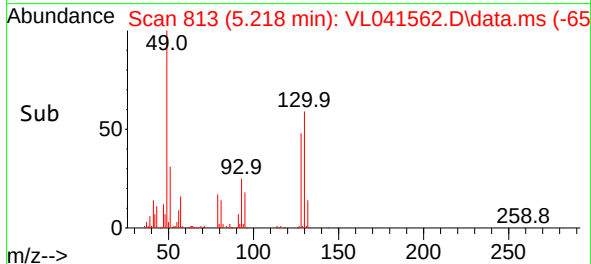
Instrument :
MSVOA_L
ClientSampleId :
SVIDL2



Tgt Ion: 43 Resp: 37574
Ion Ratio Lower Upper
43 100
45 0.0 8.5 12.7
61 0.0 8.0 12.0
70 0.0 5.9 8.9

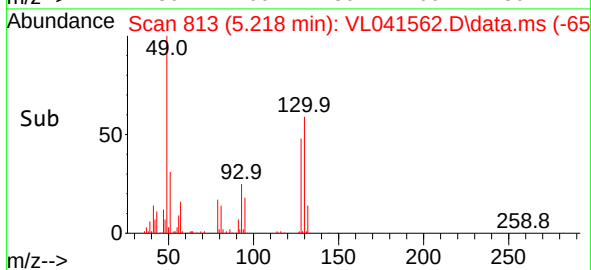
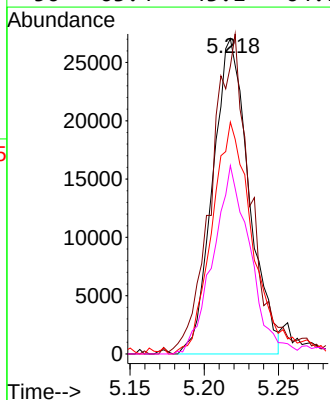
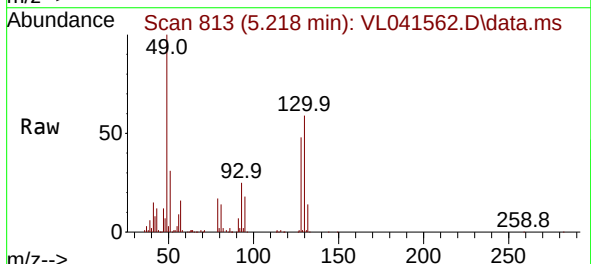
Manual Integrations
APPROVED

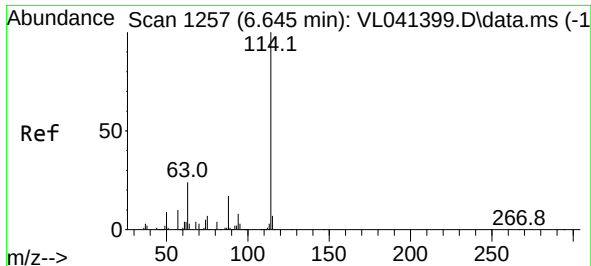
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#26
Hexane
Concen: 0.481 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

Tgt Ion: 57 Resp: 45893
Ion Ratio Lower Upper
57 100
41 112.9 74.0 111.0#
43 85.9 193.6 290.4#
56 63.4 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041562.D

Acq: 21 Aug 2024 11:07

Instrument :

MSVOA_L

ClientSampleId :

SVIDL2

Tgt Ion:114 Resp: 2754414

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

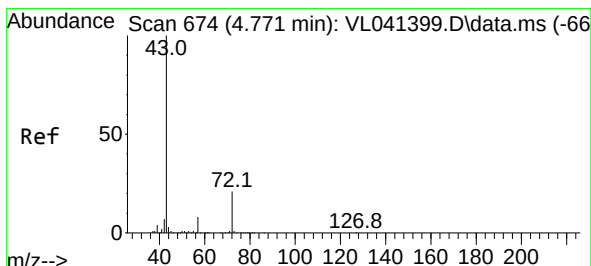
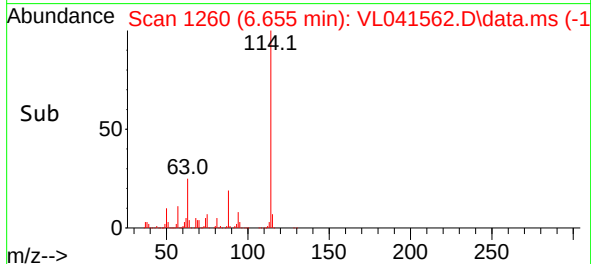
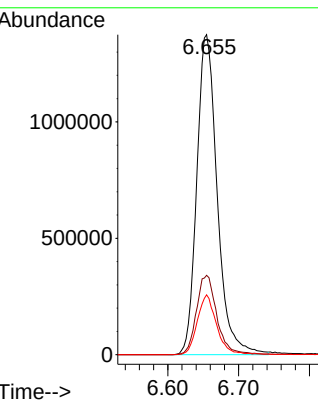
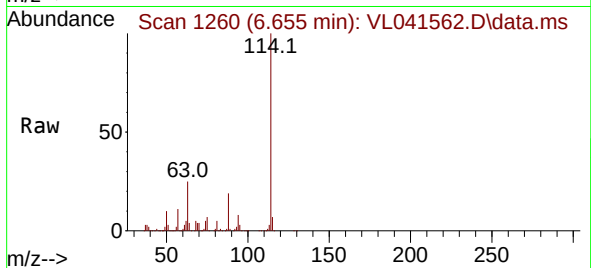
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#34

2-Butanone

Concen: 0.325 ppbv m

RT: 4.812 min Scan# 687

Delta R.T. 0.019 min

Lab File: VL041562.D

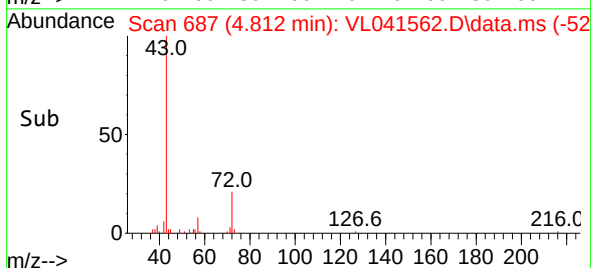
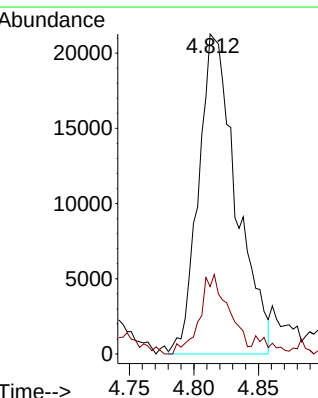
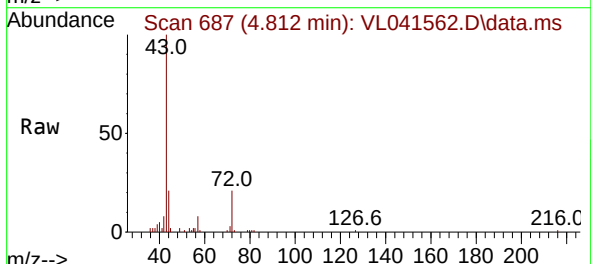
Acq: 21 Aug 2024 11:07

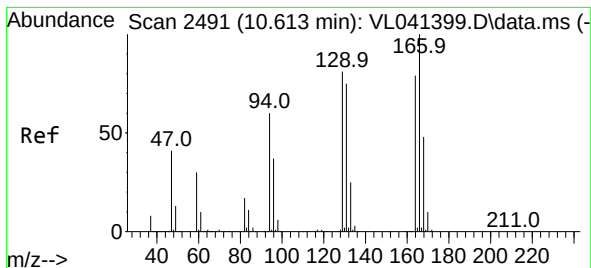
Tgt Ion: 43 Resp: 43300

Ion Ratio Lower Upper

43 100

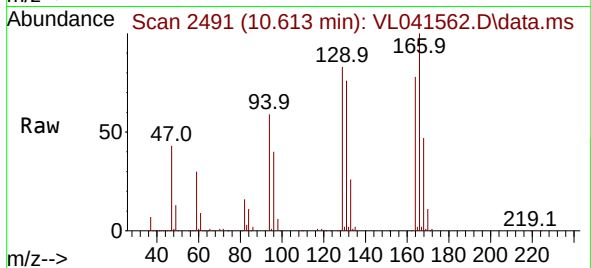
72 23.3 17.3 25.9





#52
Tetrachloroethene
Concen: 8.231 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

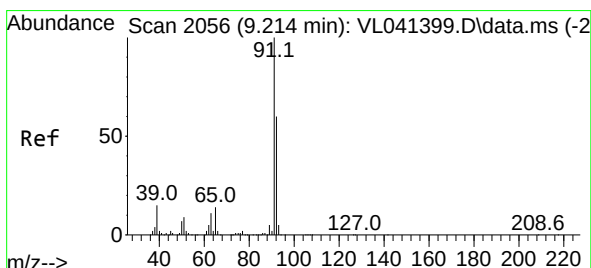
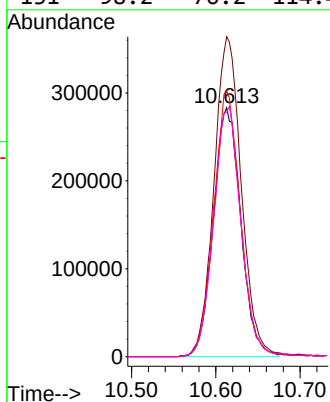
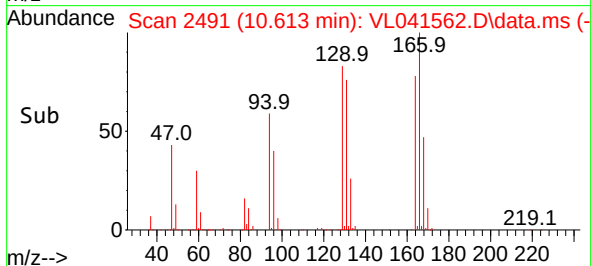
Instrument :
MSVOA_L
ClientSampleId :
SVIDL2



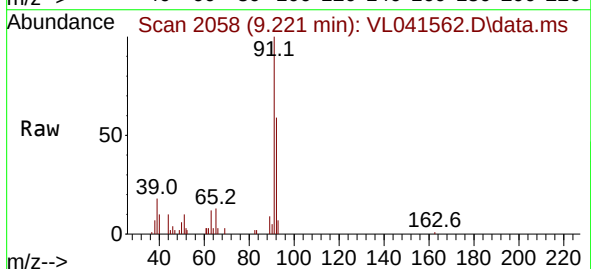
Tgt Ion:164 Resp: 64013
Ion Ratio Lower Upper
164 100
166 128.5 101.1 151.7
129 106.9 81.7 122.5
131 98.2 76.2 114.4

Manual Integrations
APPROVED

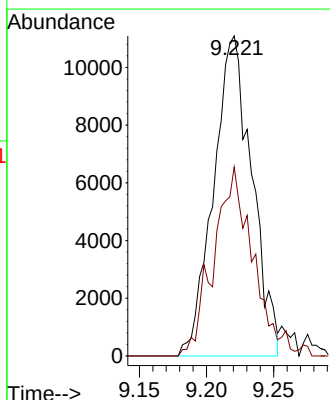
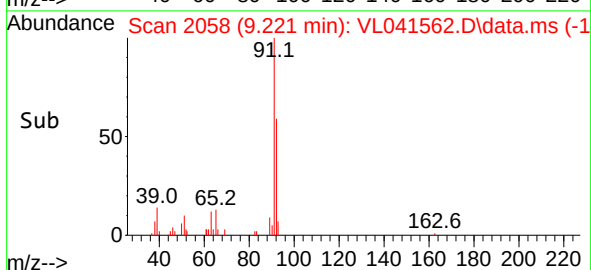
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

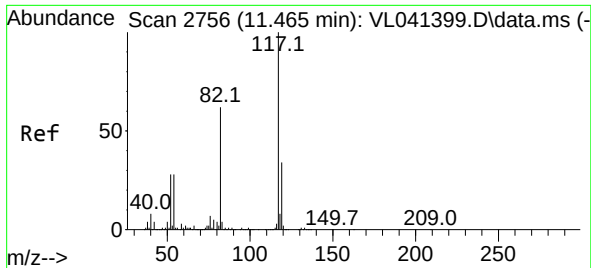


#53
Toluene
Concen: 0.099 ppbv m
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07



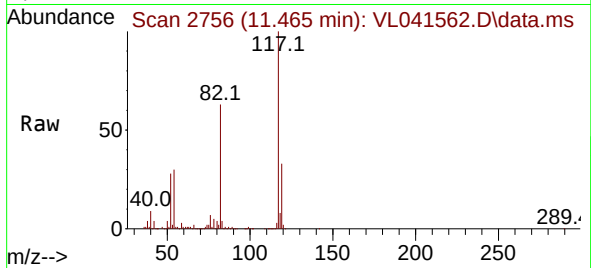
Tgt Ion: 91 Resp: 22105
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

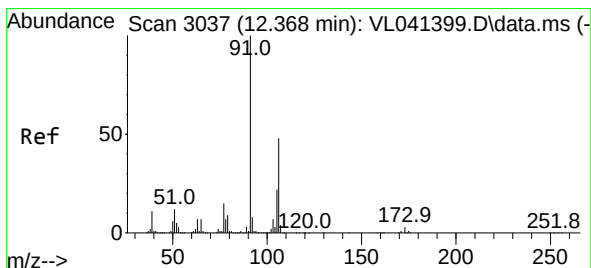
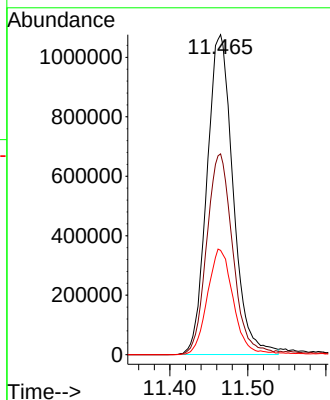
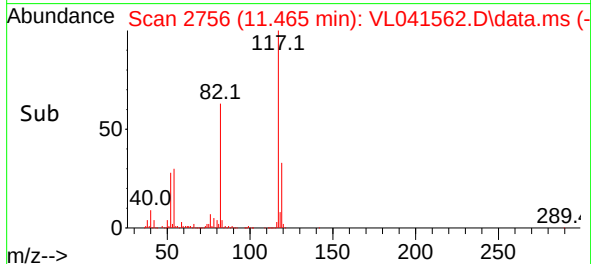
Instrument :
MSVOA_L
ClientSampleId :
SVIDL2



Tgt Ion:117 Resp: 250497
Ion Ratio Lower Upper
117 100
82 64.6 51.0 76.6
119 33.5 45.2 67.8

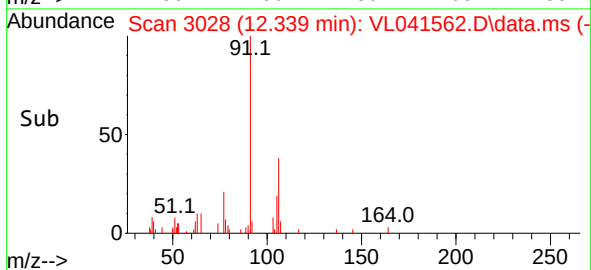
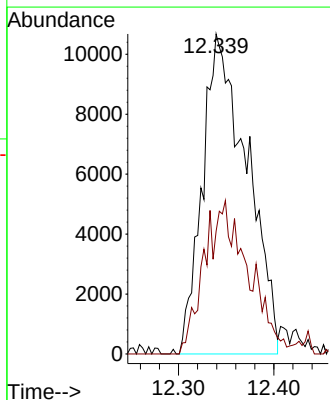
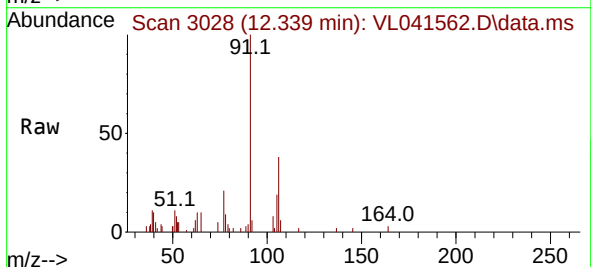
Manual Integrations
APPROVED

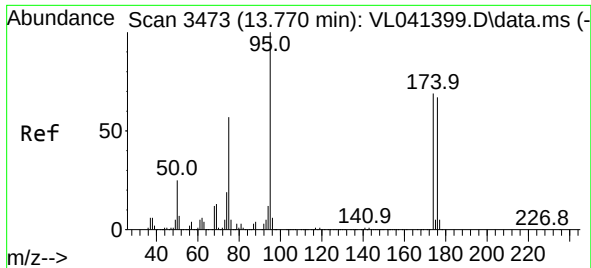
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#59
m/p-Xylene
Concen: 0.139 ppbv m
RT: 12.339 min Scan# 3028
Delta R.T. -0.032 min
Lab File: VL041562.D
Acq: 21 Aug 2024 11:07

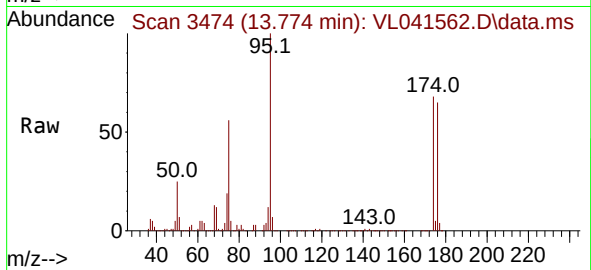
Tgt Ion: 91 Resp: 34610
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.731 ppbv
 RT: 13.774 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041562.D
 Acq: 21 Aug 2024 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL2



Tgt Ion: 95 Resp: 1875890
 Ion Ratio Lower Upper
 95 100
 174 73.3 56.3 84.5
 175 5.3 4.0 6.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

