

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040239.D
 Acq On : 27 Feb 2023 17:12
 Operator : SY/MD
 Sample : 01705-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 02212023-INFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:20:41 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Feb 28 00:12:21 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	973772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2418244	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2066825	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1655639	9.742	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Ethanol	3.250	45	23901	5.475	ppbv	90
15) Acetone	3.478	43	123861	1.057	ppbv	97
19) Isopropyl Alcohol	3.594	45	16880m	0.303	ppbv	
20) Methylene Chloride	3.935	84	304594	4.991	ppbv	97
26) Hexane	5.211	57	429687	4.593	ppbv #	38
31) cis-1,2-Dichloroethene	5.076	61	10191m	0.115	ppbv	
38) Trichloroethene	7.298	130	14919m	0.144	ppbv	
52) Tetrachloroethene	10.629	164	82302	1.401	ppbv	94

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

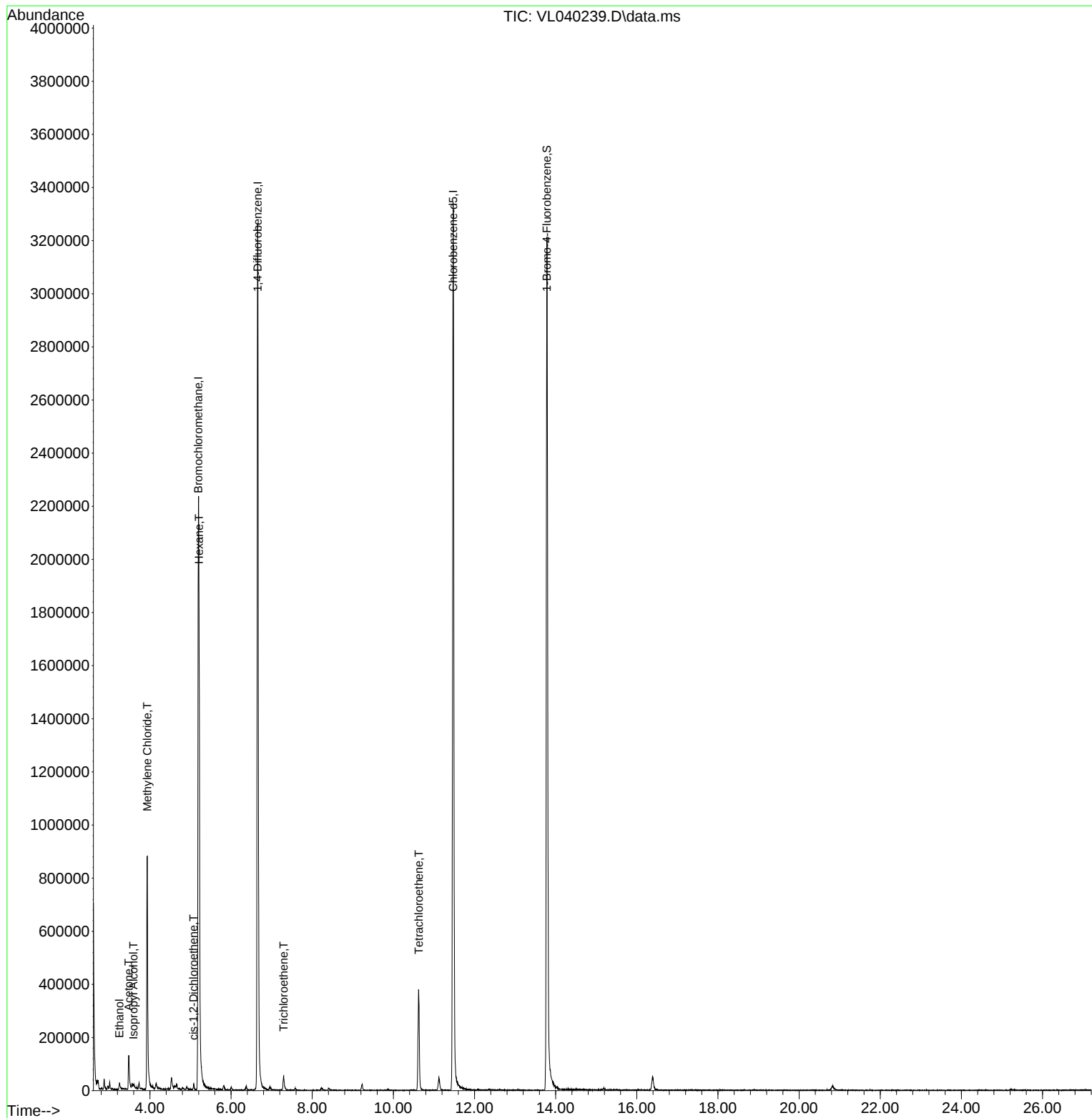
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
Data File : VL040239.D
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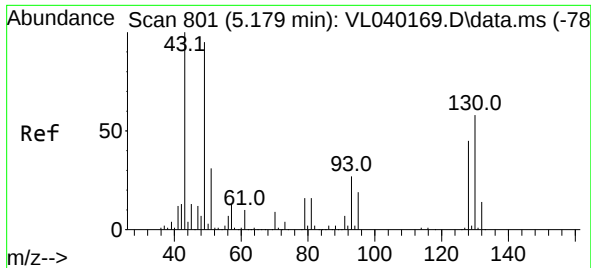
Instrument :
MSVOA_L
ClientSampleId :
02212023-INFLUENTDL

Quant Time: Feb 28 00:20:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
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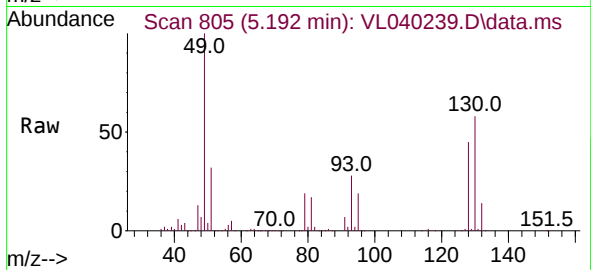
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

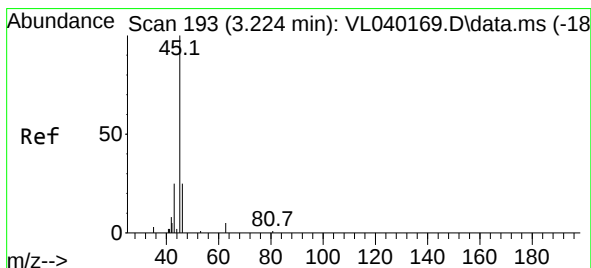
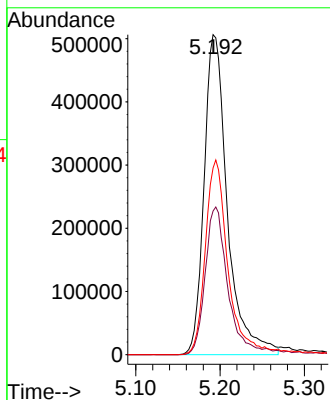
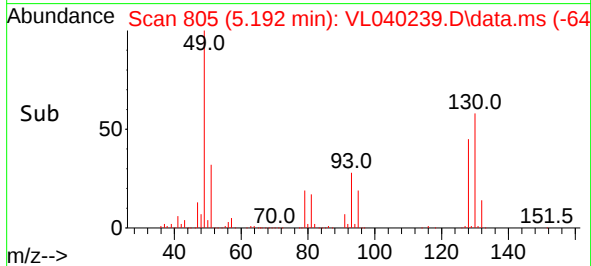
Instrument :
MSVOA_L
ClientSampleId :
02212023-INFLUENTDL



Tgt Ion: 49 Resp: 973772
Ion Ratio Lower Upper
49 100
128 47.2 24.1 72.3
130 61.1 30.9 92.8

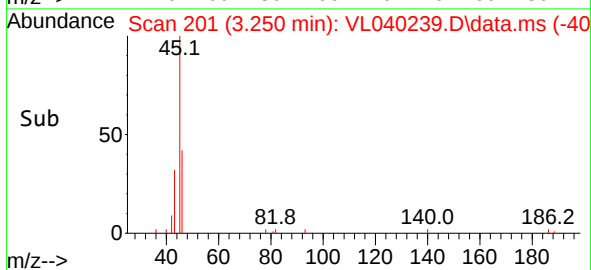
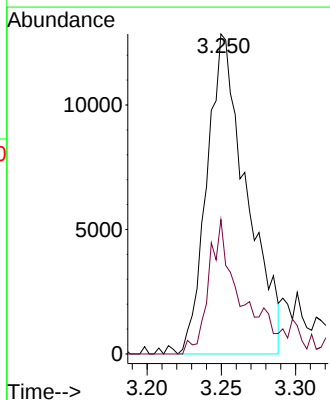
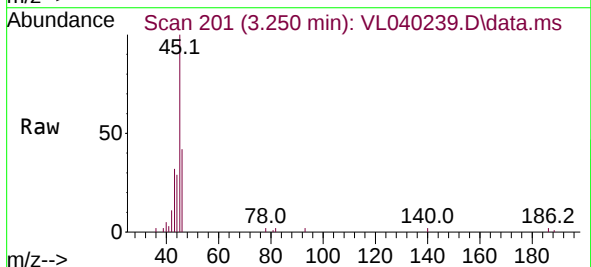
Manual Integrations
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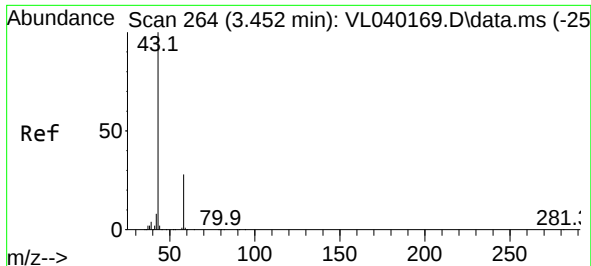
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#13
Ethanol
Concen: 5.475 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.016 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

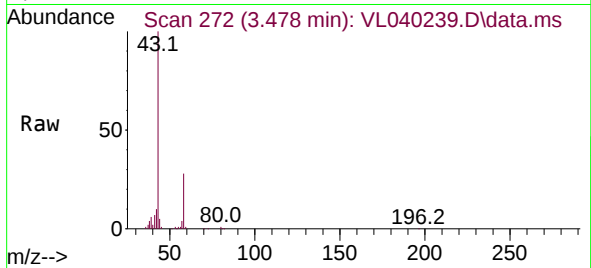
Tgt Ion: 45 Resp: 23901
Ion Ratio Lower Upper
45 100
46 38.8 13.3 53.1





#15
Acetone
Concen: 1.057 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

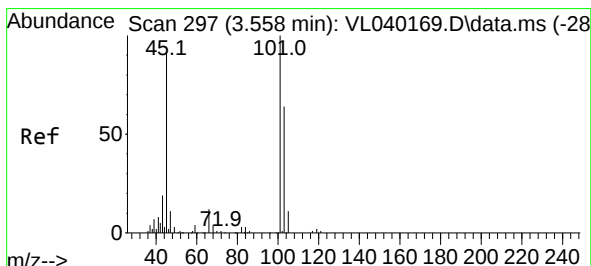
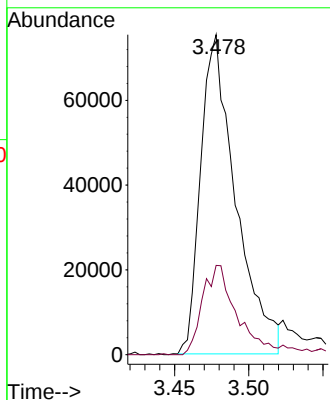
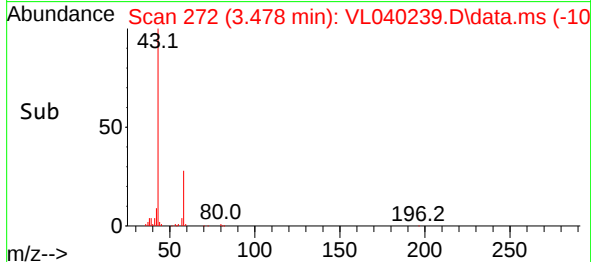
Instrument :
MSVOA_L
ClientSampleId :
02212023-INFLUENTDL



Tgt Ion: 43 Resp: 12386
Ion Ratio Lower Upper
43 100
58 29.7 22.4 33.6

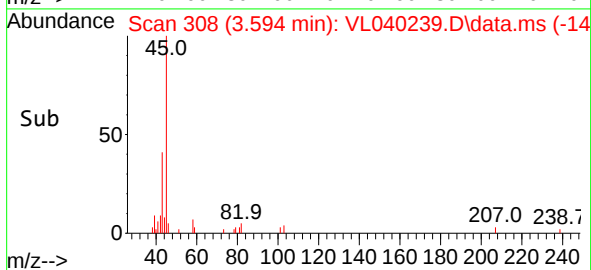
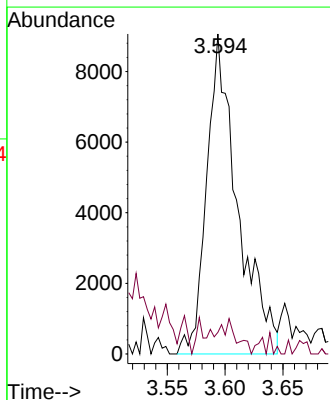
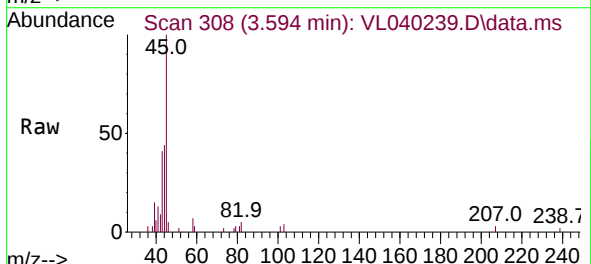
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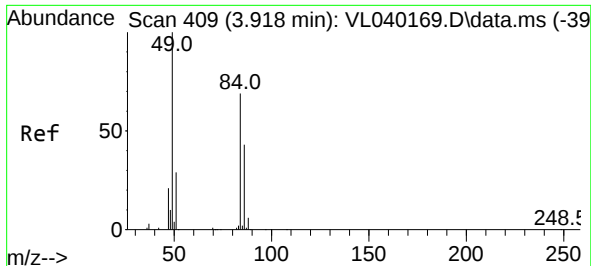
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#19
Isopropyl Alcohol
Concen: 0.303 ppbv m
RT: 3.594 min Scan# 308
Delta R.T. 0.029 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

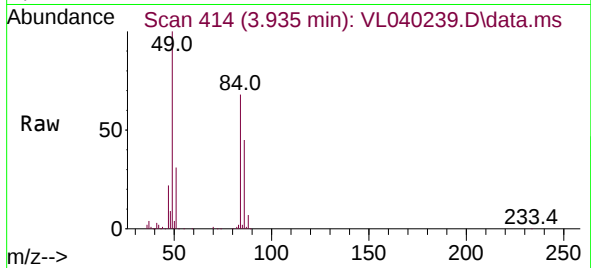
Tgt Ion: 45 Resp: 16880
Ion Ratio Lower Upper
45 100
58 10.4 2.6 3.8#





#20
Methylene Chloride
Concen: 4.991 ppbv
RT: 3.935 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

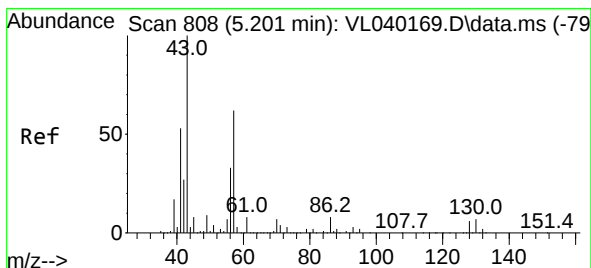
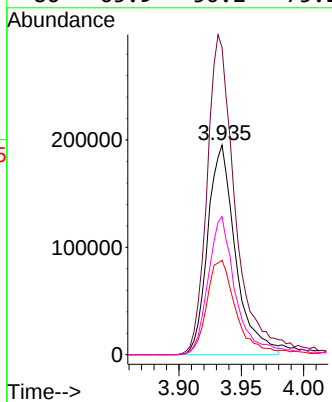
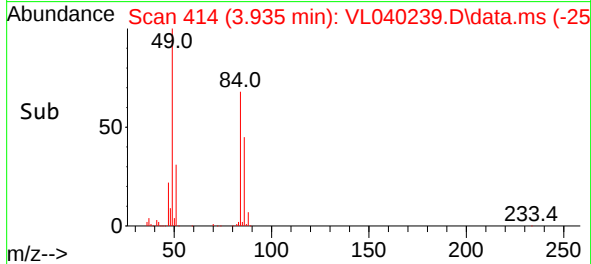
Instrument :
MSVOA_L
ClientSampleId :
02212023-INFLUENTDL



Tgt Ion: 84 Resp: 304594
Ion Ratio Lower Upper
84 100
49 146.4 115.5 173.3
51 45.0 33.1 49.7
86 65.9 50.2 75.2

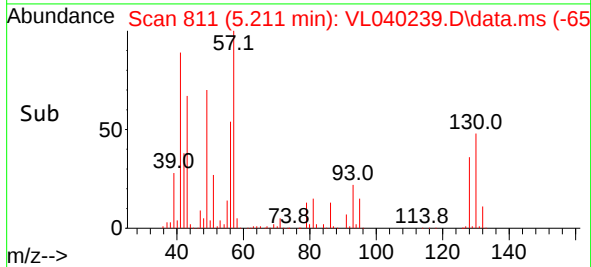
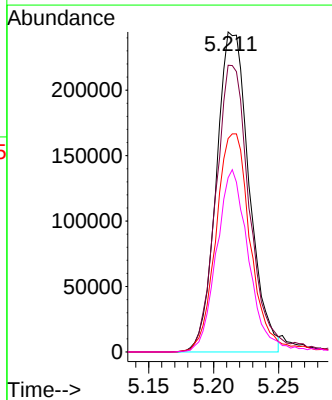
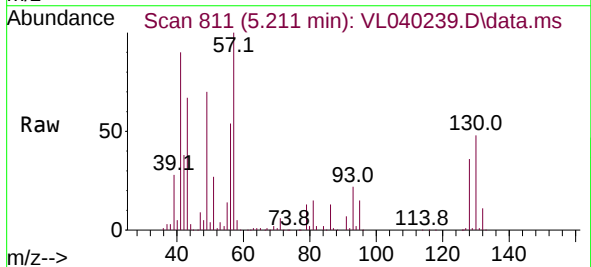
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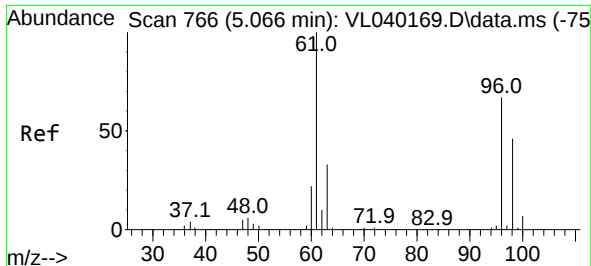
Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
Hexane
Concen: 4.593 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

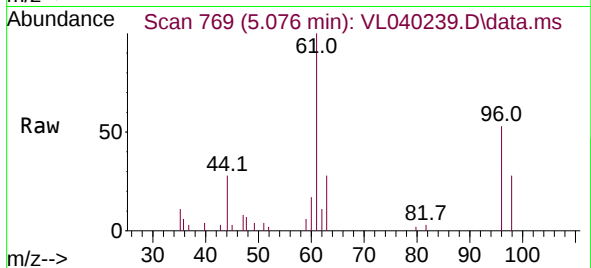
Tgt Ion: 57 Resp: 429687
Ion Ratio Lower Upper
57 100
41 93.8 74.3 111.5
43 72.8 193.0 289.4#
56 56.8 42.6 64.0





#31
 cis-1,2-Dichloroethene
 Concen: 0.115 ppbv m
 RT: 5.076 min Scan# 766
 Delta R.T. 0.006 min
 Lab File: VL040239.D
 Acq: 27 Feb 2023 17:12

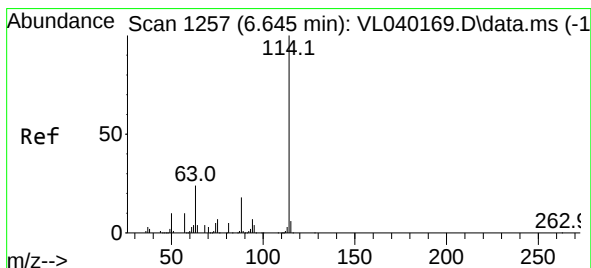
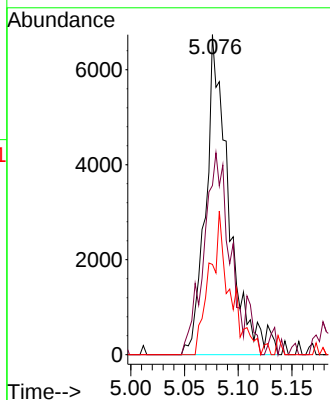
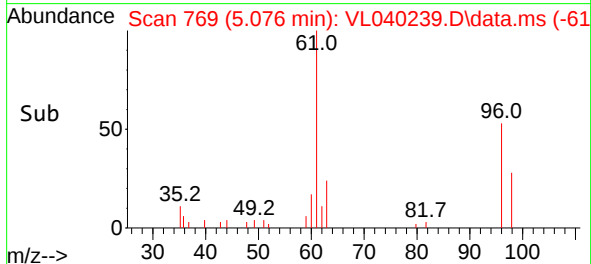
Instrument :
 MSVOA_L
 ClientSampleId :
 02212023-INFLUENTDL



Tgt Ion: 61 Resp: 1019
 Ion Ratio Lower Upper
 61 100
 96 52.8 53.7 80.5
 98 28.2 36.4 54.6

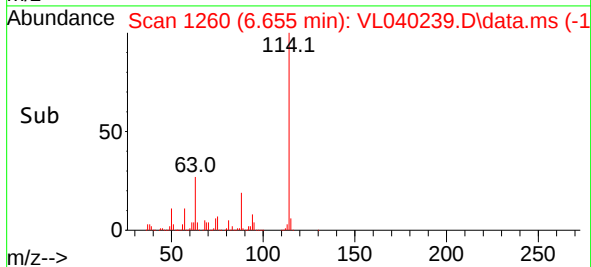
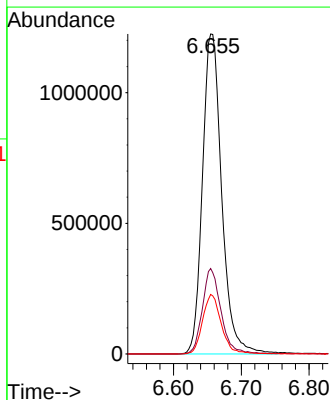
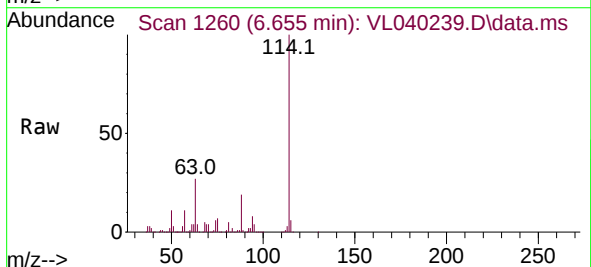
Manual Integrations
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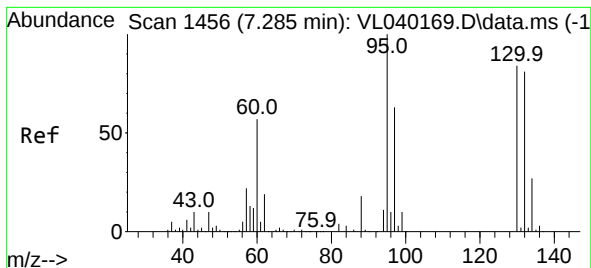
Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.655 min Scan# 1260
 Delta R.T. 0.006 min
 Lab File: VL040239.D
 Acq: 27 Feb 2023 17:12

Tgt Ion:114 Resp: 2418244
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.4 30.6
 88 18.2 14.3 21.5





#38

Trichloroethene

Concen: 0.144 ppbv m

RT: 7.298 min Scan# 1456

Delta R.T. 0.010 min

Lab File: VL040239.D

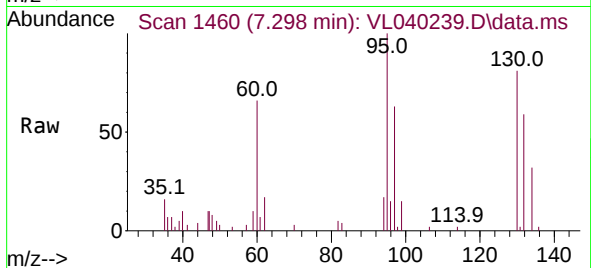
Acq: 27 Feb 2023 17:12

Instrument :

MSVOA_L

ClientSampleId :

02212023-INFLUENTDL



Tgt Ion:130 Resp: 14919

Ion Ratio Lower Upper

130 100

95 122.7 94.7 142.1

132 72.3 76.4 114.6

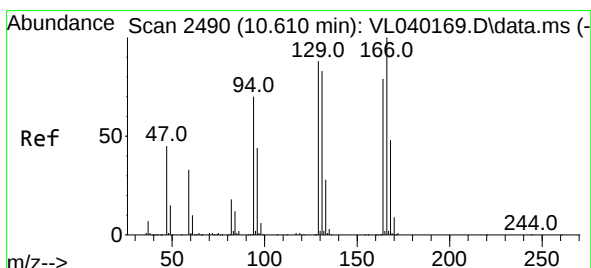
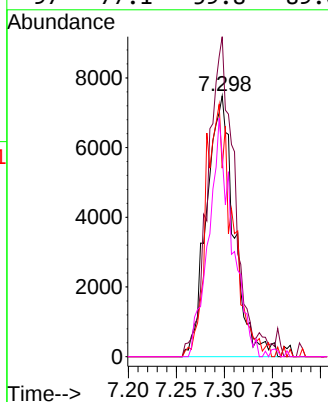
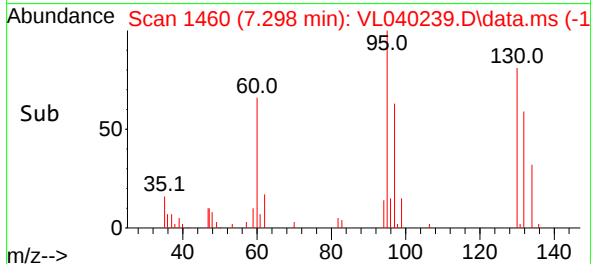
97 77.1 59.8 89.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#52

Tetrachloroethene

Concen: 1.401 ppbv

RT: 10.629 min Scan# 2496

Delta R.T. 0.010 min

Lab File: VL040239.D

Acq: 27 Feb 2023 17:12

Tgt Ion:164 Resp: 82302

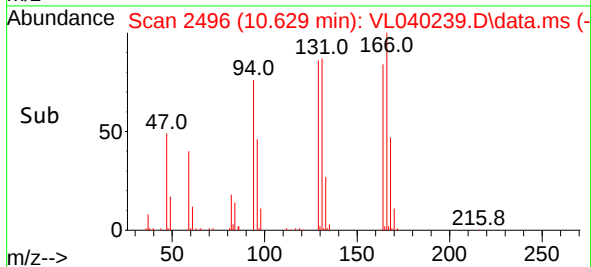
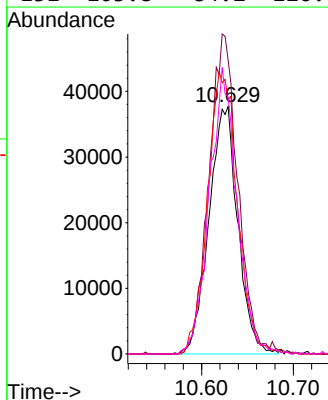
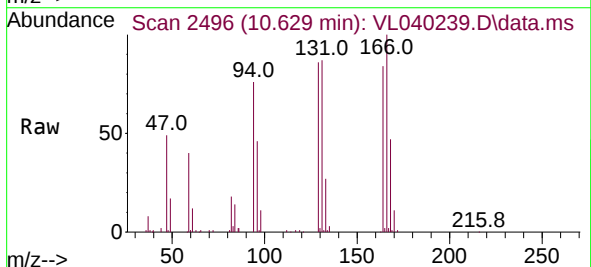
Ion Ratio Lower Upper

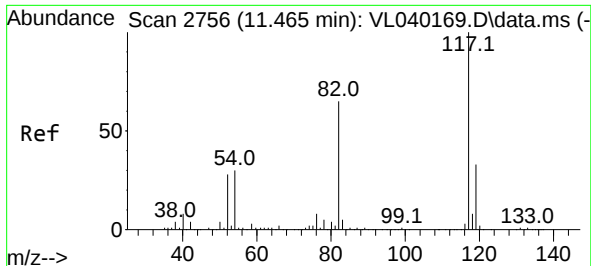
164 100

166 118.9 101.5 152.3

129 102.6 89.0 133.4

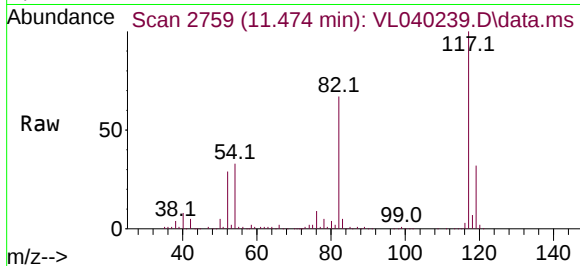
131 103.8 84.2 126.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12

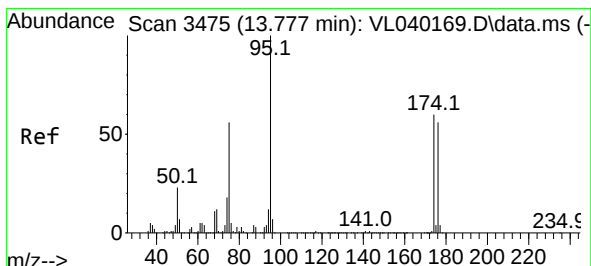
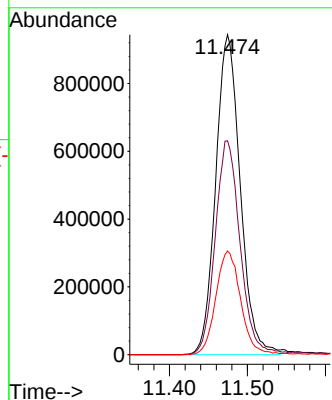
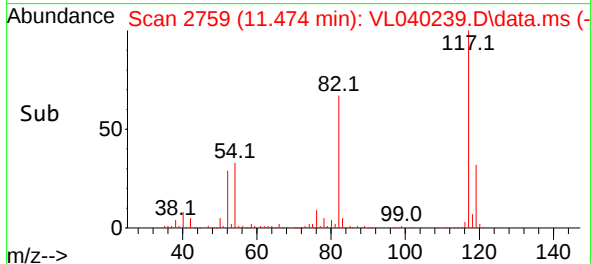
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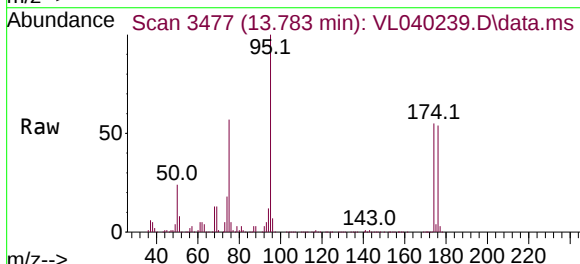
Tgt Ion: 117 Resp: 206682
Ion Ratio Lower Upper
117 100
82 69.0 53.3 79.9
119 33.0 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.742 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.006 min
Lab File: VL040239.D
Acq: 27 Feb 2023 17:12



Tgt Ion: 95 Resp: 1655639
Ion Ratio Lower Upper
95 100
174 58.2 48.2 72.2
175 4.1 3.4 5.2

