

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039948.D
 Acq On : 1 Dec 2022 19:00
 Operator : SY/MD
 Sample : N5824-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TPC-SSDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:34:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.160	49	1316938	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.622	114	3595845	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.436	117	3265977	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2587184	10.371	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						
					Qvalue	
11) Trichlorofluoromethane	3.533	101	28777	0.125	ppbv	98
13) Ethanol	3.208	45	914466	139.922	ppbv	99
15) Acetone	3.436	43	2142173	12.264	ppbv	99
17) tert-Butyl alcohol	3.861	59	230542	1.148	ppbv	98
19) Isopropyl Alcohol	3.552	45	721936	7.633	ppbv #	45
20) Methylene Chloride	3.902	84	125060	1.478	ppbv	94
26) Hexane	5.182	57	86453	0.617	ppbv #	45
52) Tetrachloroethene	10.590	164	433980m	3.796	ppbv	

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

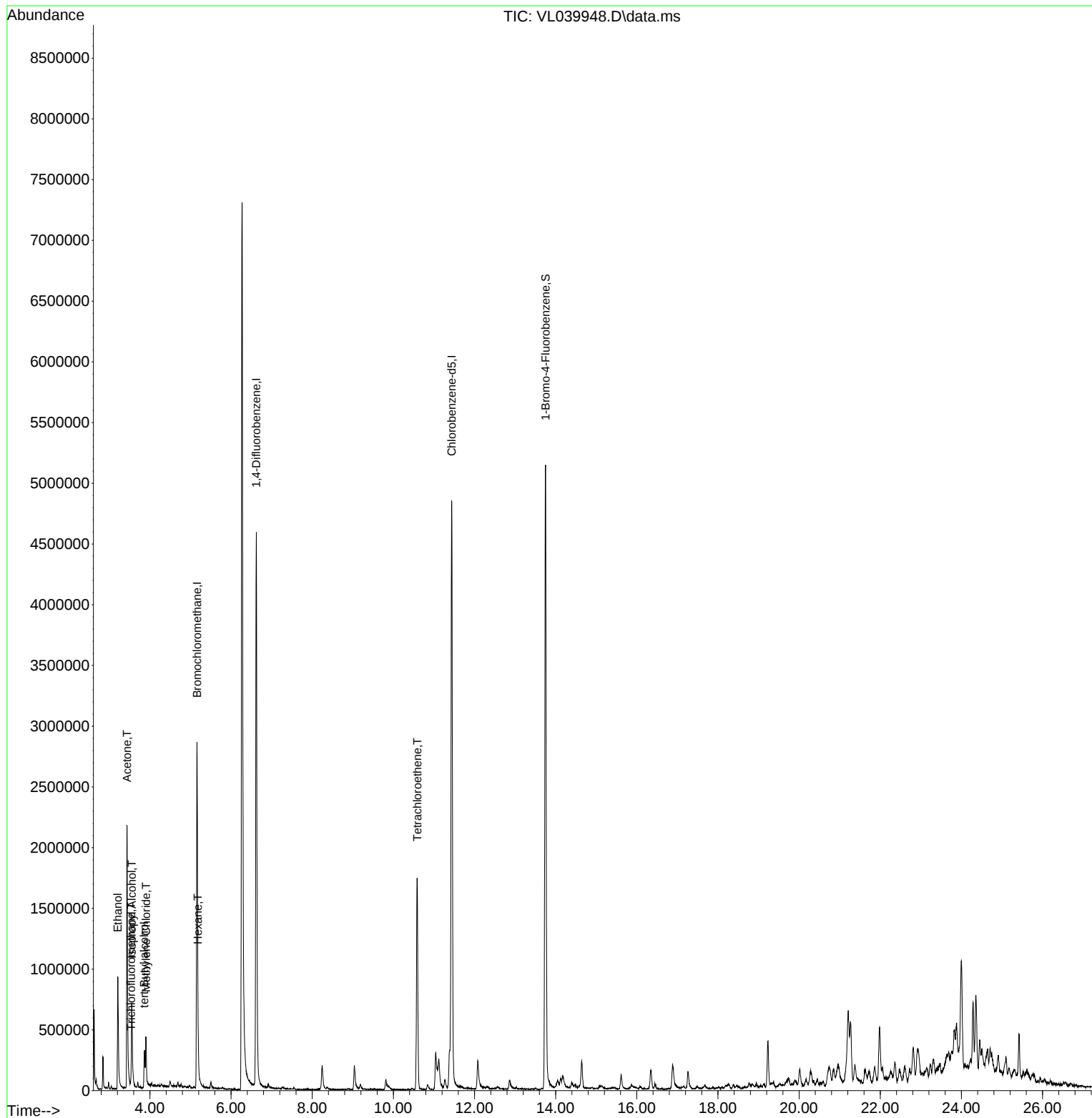
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

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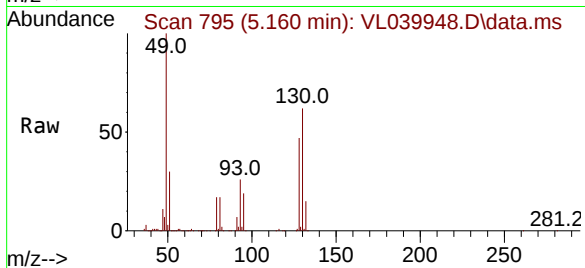
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 795
Delta R.T. -0.013 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

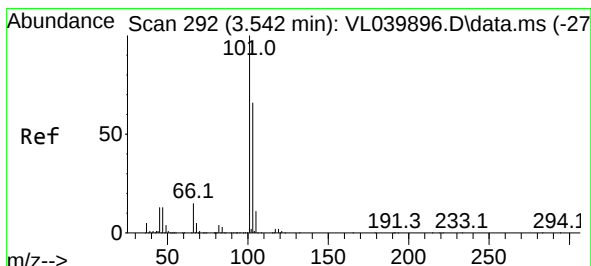
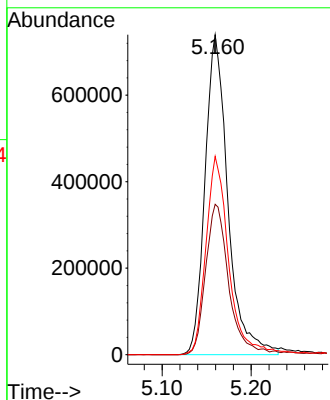
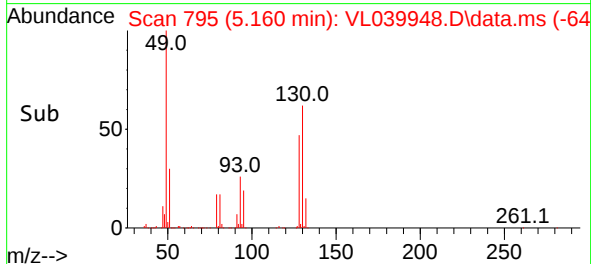
Instrument :
MSVOA_L
ClientSampleId :
TPC-SSDL



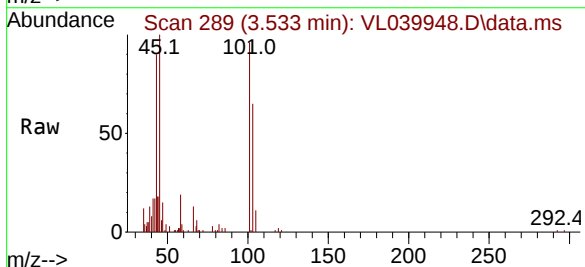
Tgt Ion: 49 Resp: 1316938
Ion Ratio Lower Upper
49 100
128 49.0 22.1 66.3
130 62.9 27.7 83.1

Manual Integrations
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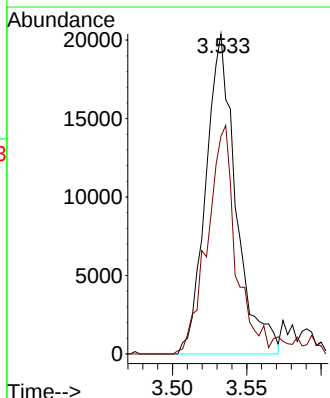
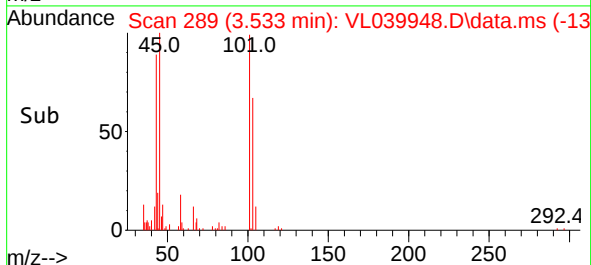
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Supervised By :Mahesh Dadoda 12/05/2022

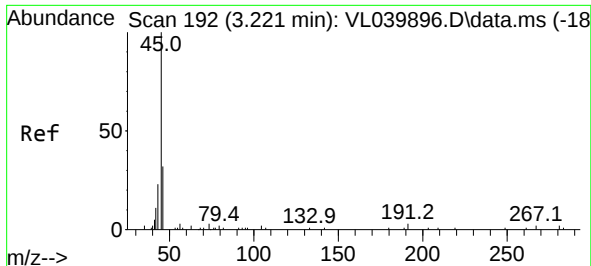


#11
Trichlorofluoromethane
Concen: 0.125 ppbv
RT: 3.533 min Scan# 289
Delta R.T. -0.010 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00



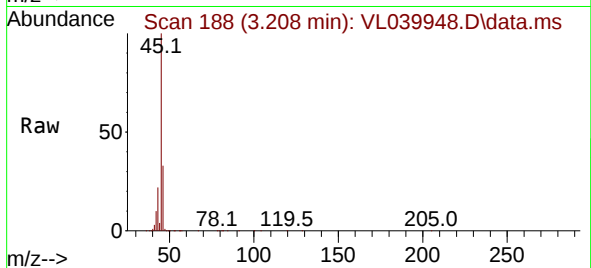
Tgt Ion:101 Resp: 28777
Ion Ratio Lower Upper
101 100
103 67.0 52.6 78.8





#13
Ethanol
Concen: 139.922 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

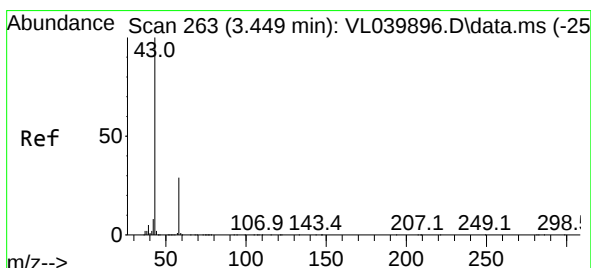
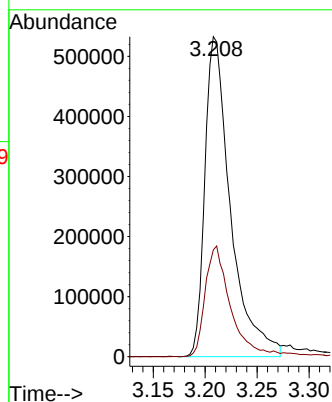
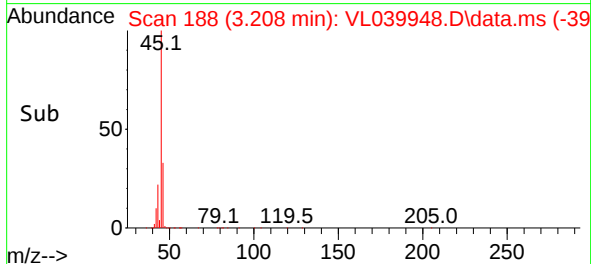
Instrument :
MSVOA_L
ClientSampleId :
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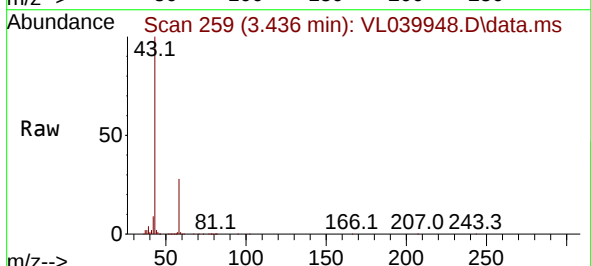
Tgt Ion: 45 Resp: 914460
Ion Ratio Lower Upper
45 100
46 35.8 14.6 58.2

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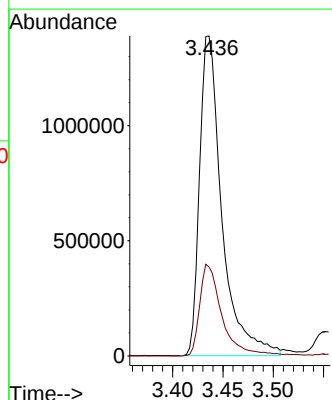
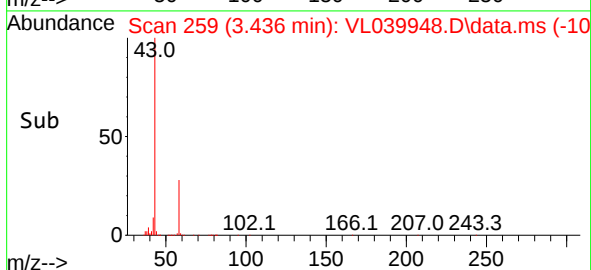
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

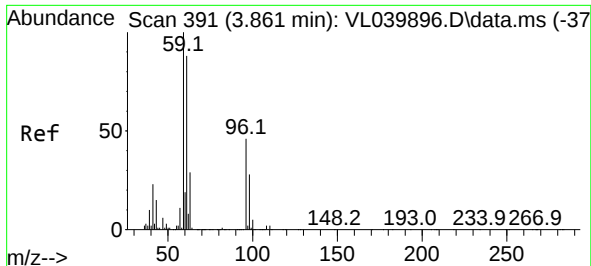


#15
Acetone
Concen: 12.264 ppbv
RT: 3.436 min Scan# 259
Delta R.T. -0.010 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00



Tgt Ion: 43 Resp: 2142173
Ion Ratio Lower Upper
43 100
58 28.9 22.9 34.3





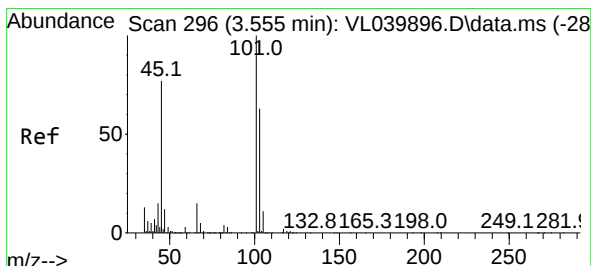
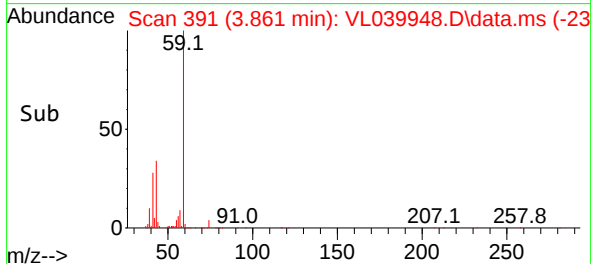
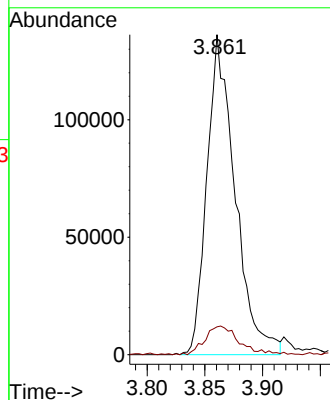
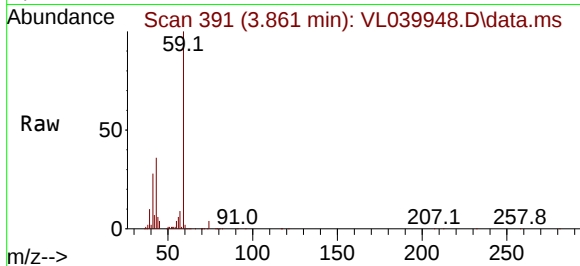
#17
tert-Butyl alcohol
Concen: 1.148 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 59 Resp: 230542
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

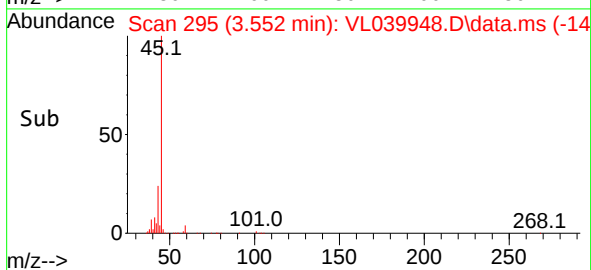
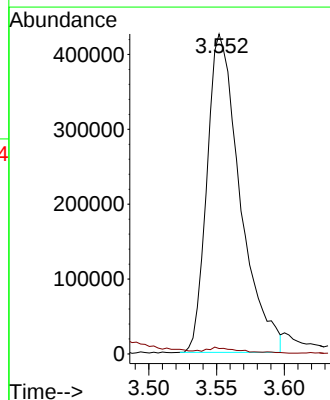
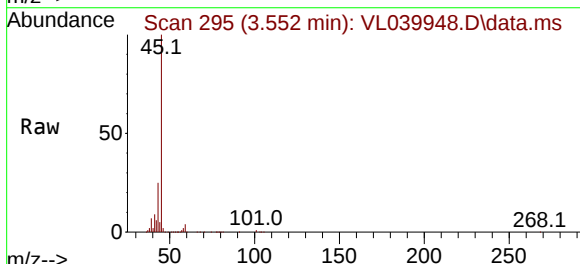
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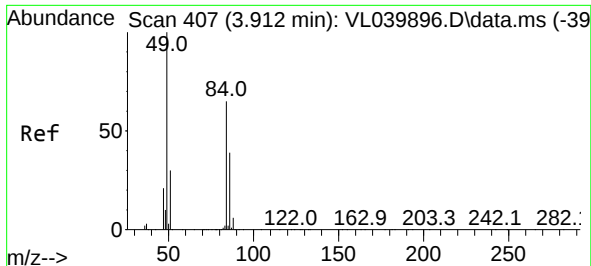
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#19
Isopropyl Alcohol
Concen: 7.633 ppbv
RT: 3.552 min Scan# 295
Delta R.T. -0.003 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

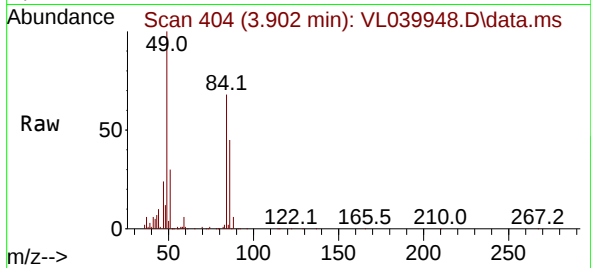
Tgt Ion: 45 Resp: 721936
Ion Ratio Lower Upper
45 100
58 85.8 38.7 58.1#





#20
Methylene Chloride
Concen: 1.478 ppbv
RT: 3.902 min Scan# 407
Delta R.T. -0.010 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

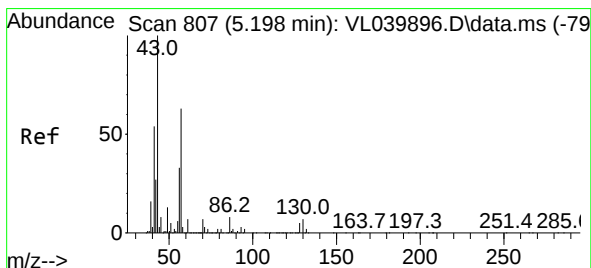
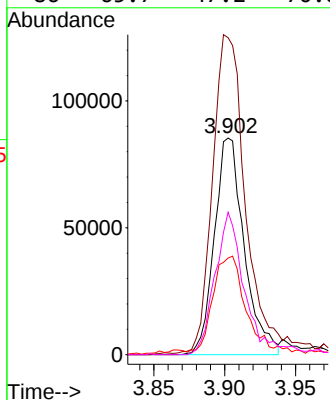
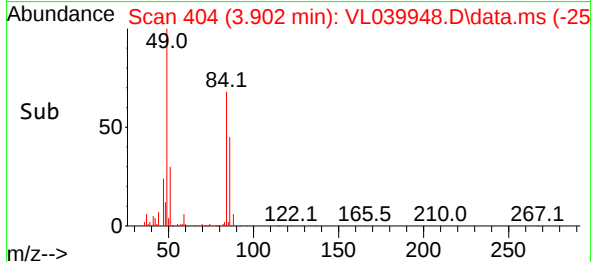
Instrument :
MSVOA_L
ClientSampleId :
TPC-SSDL



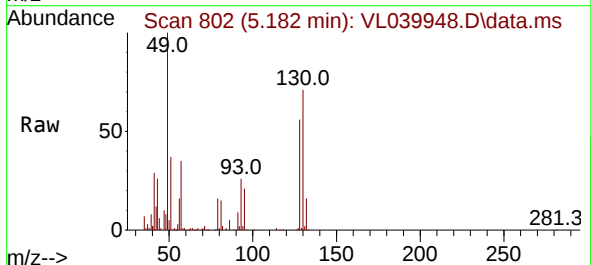
Tgt Ion: 84 Resp: 125060
Ion Ratio Lower Upper
84 100
49 145.6 122.2 183.4
51 42.5 36.3 54.5
86 65.7 47.2 70.8

Manual Integrations
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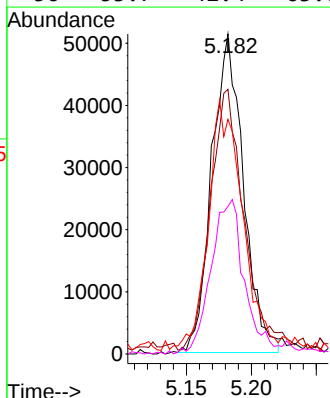
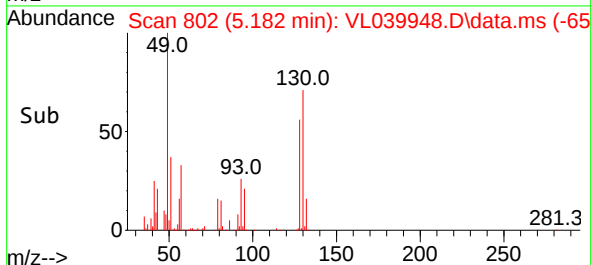
Reviewed By :Semsettin Yesilyurt 12/02/2022
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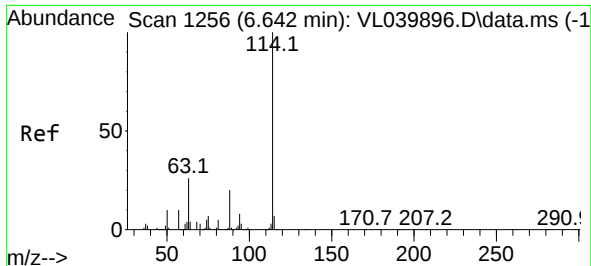


#26
Hexane
Concen: 0.617 ppbv
RT: 5.182 min Scan# 802
Delta R.T. -0.013 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00



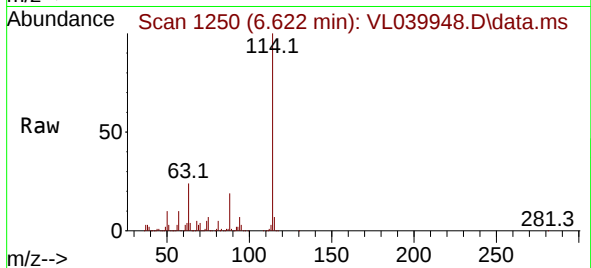
Tgt Ion: 57 Resp: 86453
Ion Ratio Lower Upper
57 100
41 87.8 72.3 108.5
43 88.3 188.7 283.1#
56 53.7 42.4 63.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.622 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

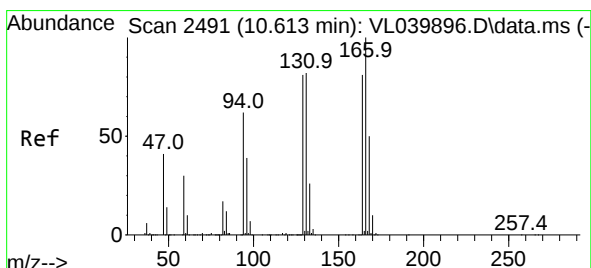
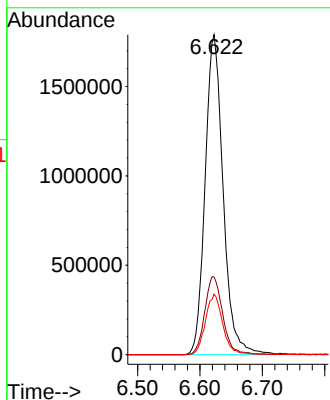
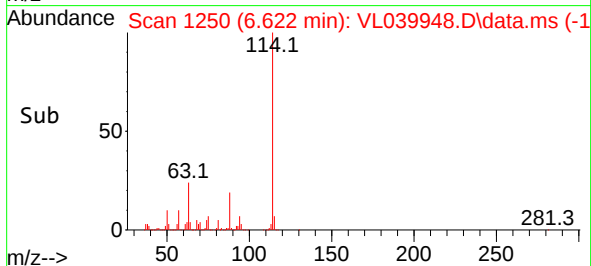
Instrument :
MSVOA_L
ClientSampleId :
TPC-SSDL



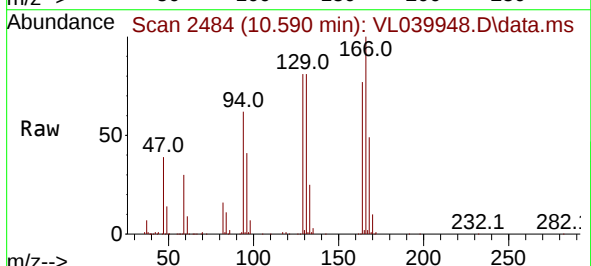
Tgt Ion:114 Resp: 359584
Ion Ratio Lower Upper
114 100
63 24.6 21.4 32.0
88 18.4 15.3 22.9

Manual Integrations
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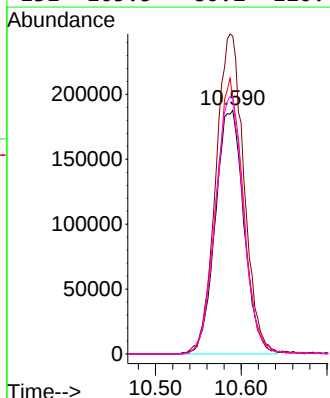
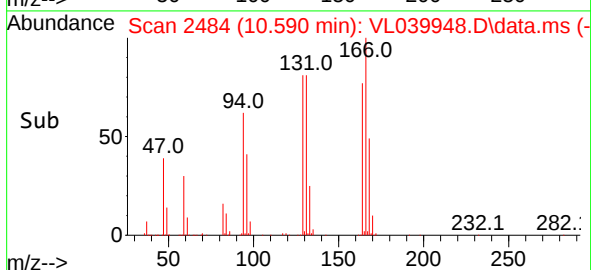
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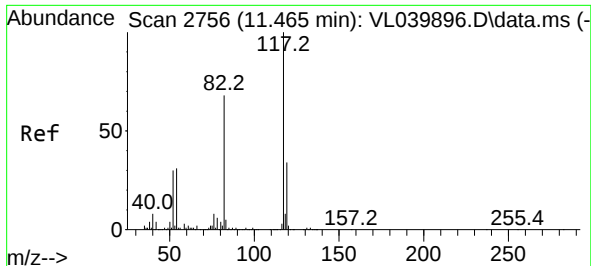


#52
Tetrachloroethene
Concen: 3.796 ppbv m
RT: 10.590 min Scan# 2484
Delta R.T. -0.013 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00



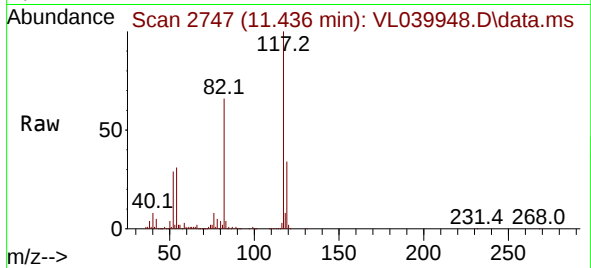
Tgt Ion:164 Resp: 433980
Ion Ratio Lower Upper
164 100
166 130.5 98.3 147.5
129 105.1 79.7 119.5
131 105.5 80.2 120.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00

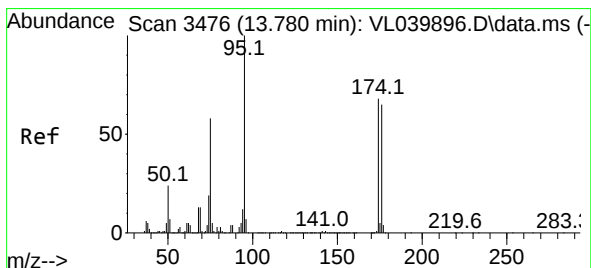
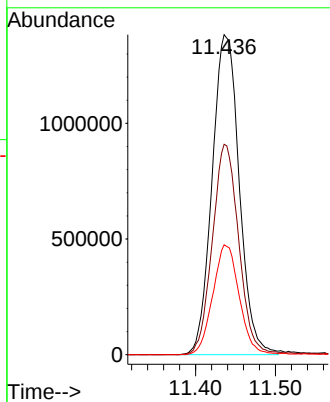
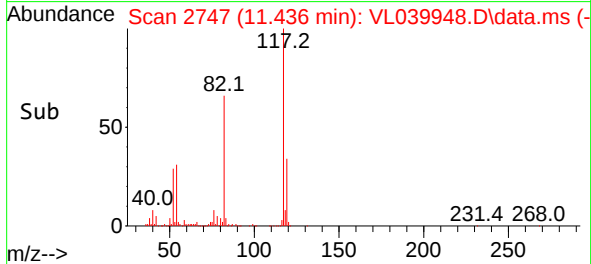
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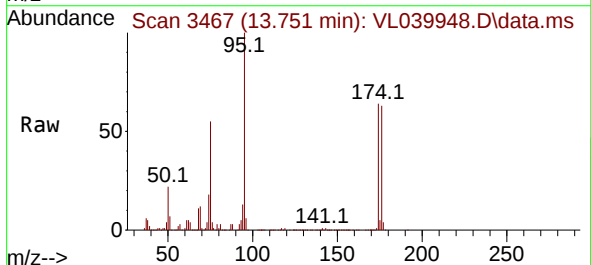
Tgt Ion:117 Resp: 326597
Ion Ratio Lower Upper
117 100
82 64.6 52.3 78.5
119 33.7 25.7 38.5

Manual Integrations
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Supervised By :Mahesh Dadoda 12/05/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.371 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.013 min
Lab File: VL039948.D
Acq: 1 Dec 2022 19:00



Tgt Ion: 95 Resp: 2587184
Ion Ratio Lower Upper
95 100
174 65.6 53.7 80.5
175 5.0 4.0 6.0

