

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039258.D
 Acq On : 13 Jun 2022 19:13
 Operator : SY/AP
 Sample : N3330-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-IAZDL

Quant Time: Jun 14 01:33:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 06/14/2022
 Supervised By : Mahesh Dadoda 06/16/2022

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

Internal Standards						
1) Bromochloromethane	5.671	49	1456649	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3259817	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2722768	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2286642	10.158	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.999	51	811496	4.378	ppbv	98
4) Chloromethane	3.160	50	11766m	0.124	ppbv	
9) Propene	3.028	41	19141	0.237	ppbv	99
13) Ethanol	3.604	45	2476996	562.017	ppbv #	100
15) Acetone	3.854	43	414385	2.731	ppbv	99
19) Isopropyl Alcohol	3.967	45	133237	1.872	ppbv #	86
20) Methylene Chloride	4.350	84	172603	2.699	ppbv	96
25) Ethyl Acetate	5.681	43	678385	1.984	ppbv	97
34) 2-Butanone	5.253	43	38664	0.218	ppbv	92
52) Tetrachloroethene	11.246	164	7168m	0.069	ppbv	
53) Toluene	9.806	91	29648m	0.097	ppbv	

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

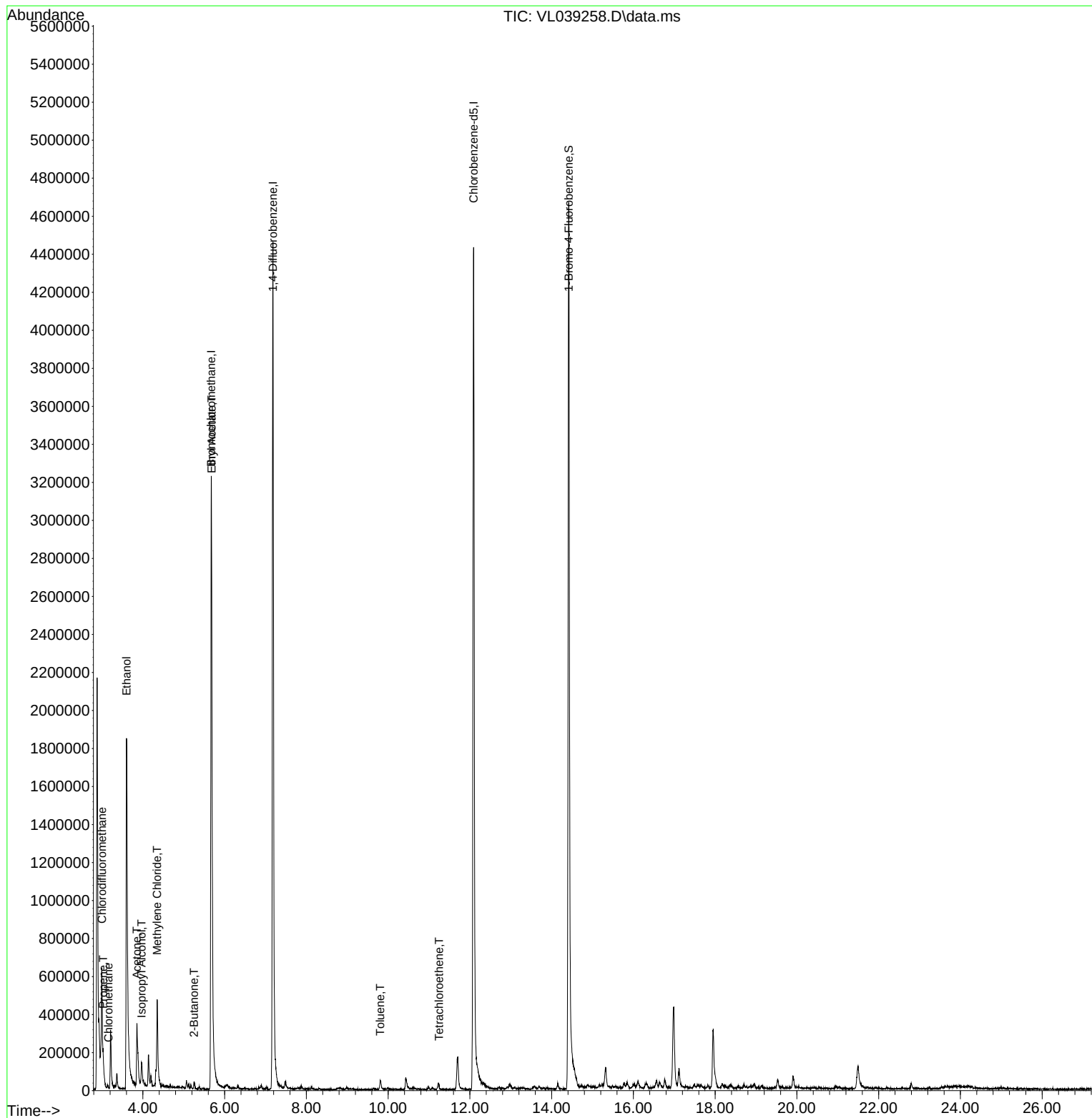
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
Data File : VL039258.D
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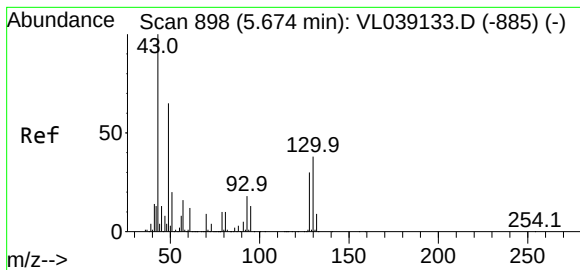
Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL

Quant Time: Jun 14 01:33:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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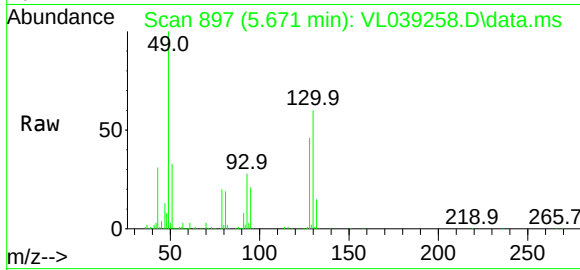
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

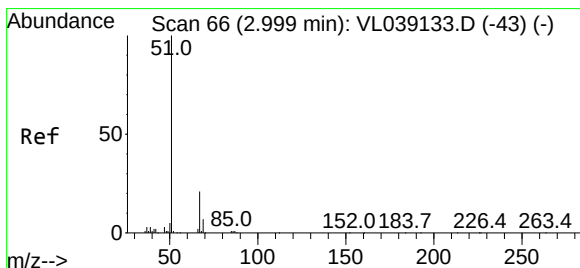
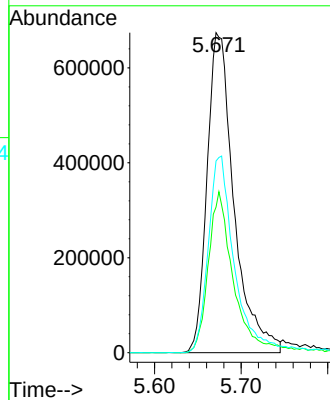
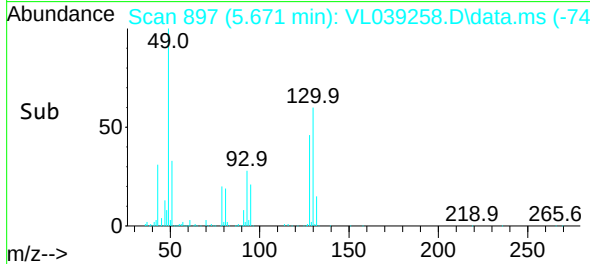
Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL



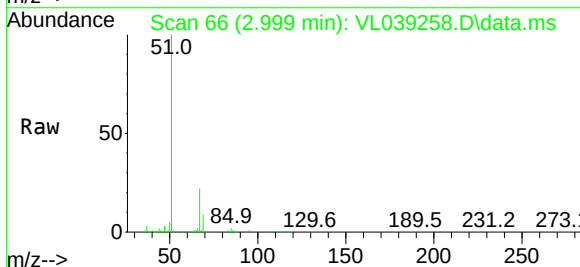
Tgt Ion: 49 Resp: 1456649
Ion Ratio Lower Upper
49 100
128 48.6 24.7 74.1
130 61.9 31.4 94.0

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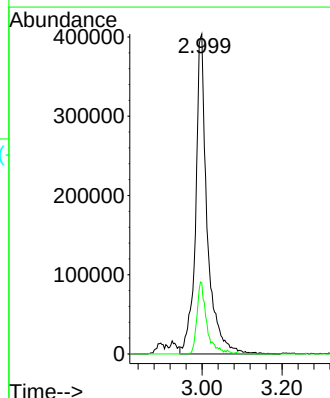
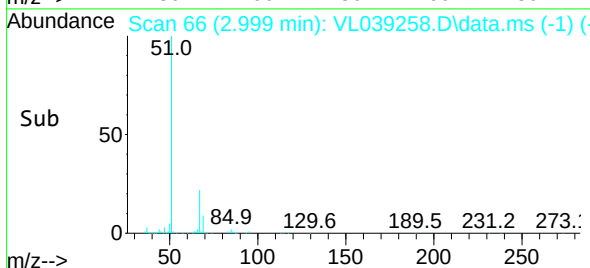
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

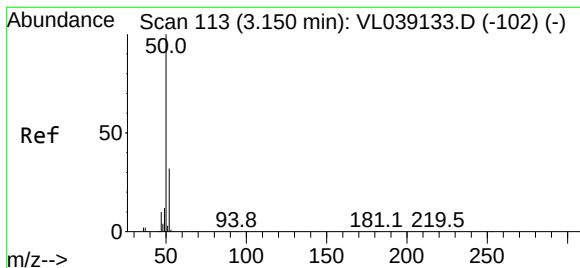


#3
Chlorodifluoromethane
Concen: 4.378 ppbv
RT: 2.999 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13



Tgt Ion: 51 Resp: 811496
Ion Ratio Lower Upper
51 100
67 19.5 16.2 24.4





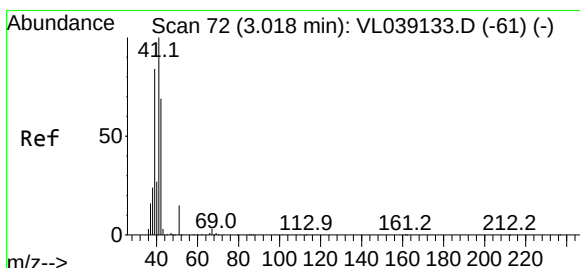
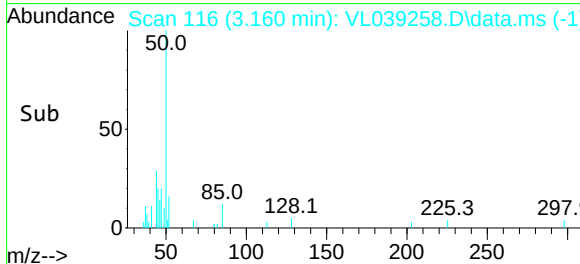
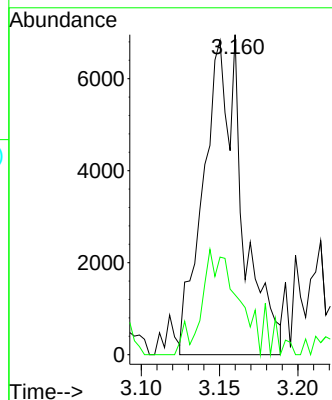
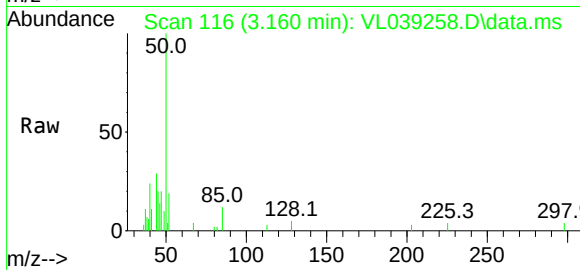
#4
Chloromethane
Concen: 0.124 ppbv m
RT: 3.160 min Scan# 113
Delta R.T. 0.010 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL

Tgt Ion: 50 Resp: 11760
Ion Ratio Lower Upper
50 100
52 18.7 25.9 38.9

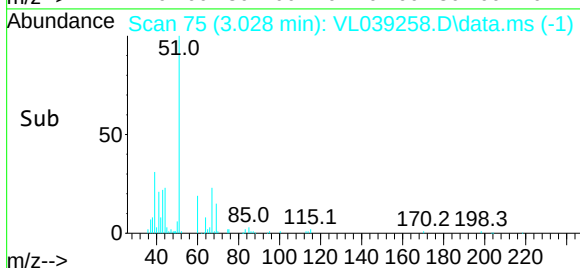
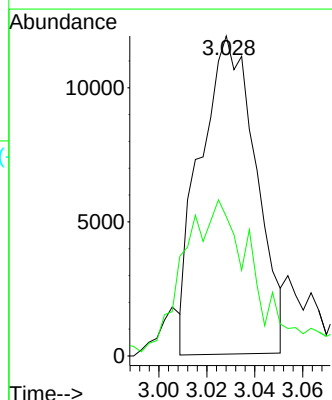
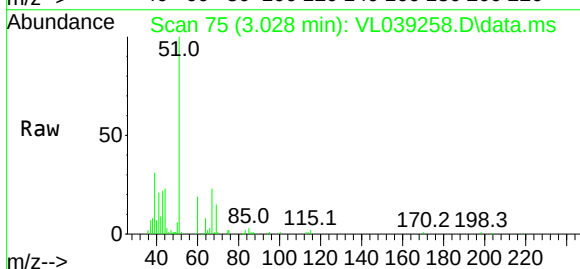
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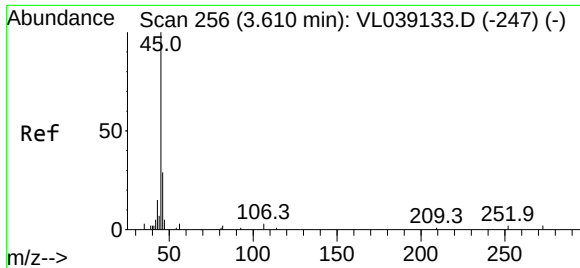
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#9
Propene
Concen: 0.237 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.010 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

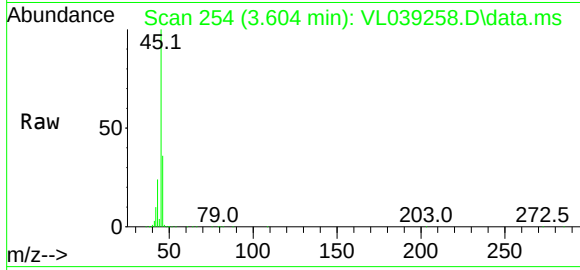
Tgt Ion: 41 Resp: 19141
Ion Ratio Lower Upper
41 100
42 68.3 55.4 83.2





#13
Ethanol
Concen: 562.017 ppbv
RT: 3.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

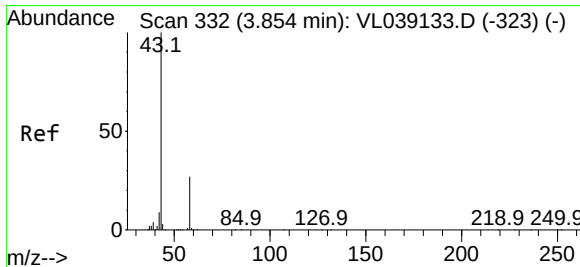
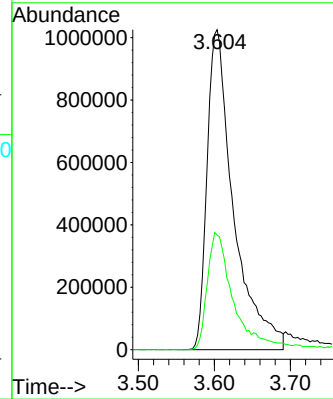
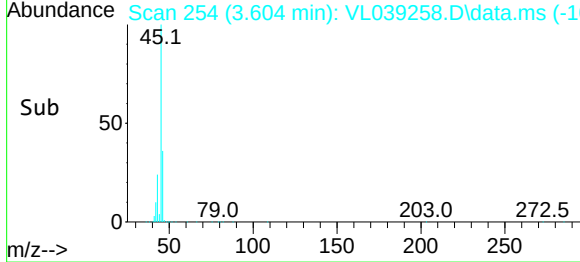
Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL



Tgt Ion: 45 Resp: 2476990
Ion Ratio Lower Upper
45 100
46 37.1 0.0 0.0

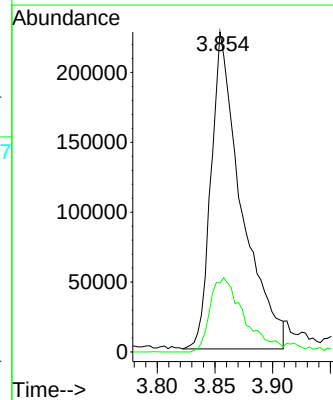
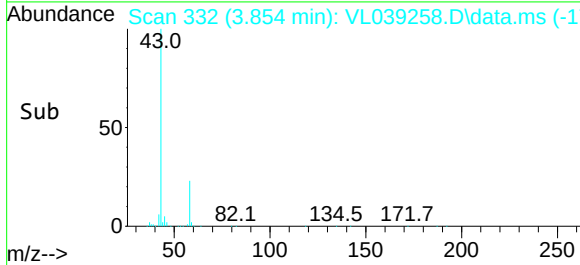
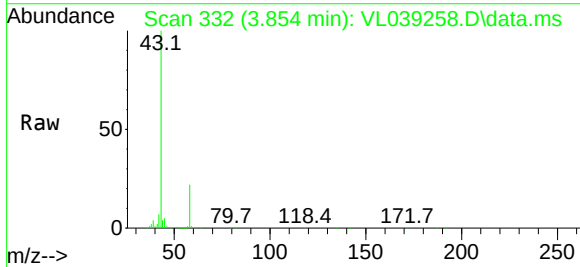
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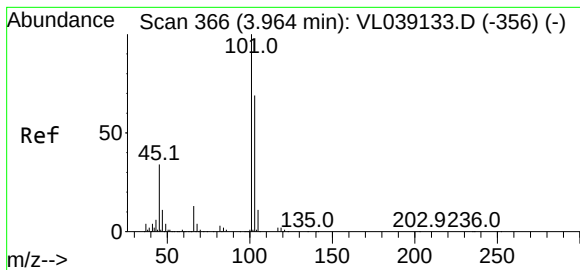
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#15
Acetone
Concen: 2.731 ppbv
RT: 3.854 min Scan# 332
Delta R.T. 0.000 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

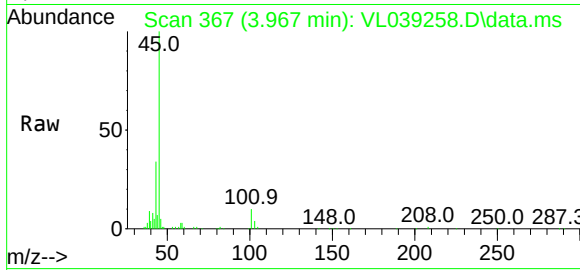
Tgt Ion: 43 Resp: 414385
Ion Ratio Lower Upper
43 100
58 28.4 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.872 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

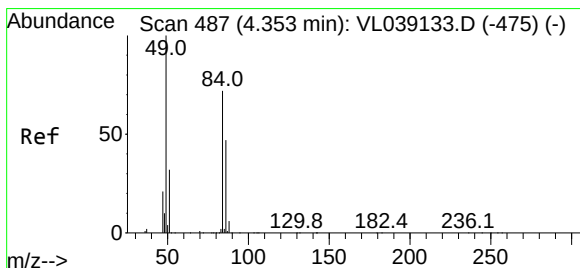
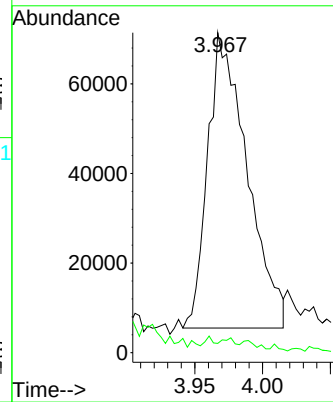
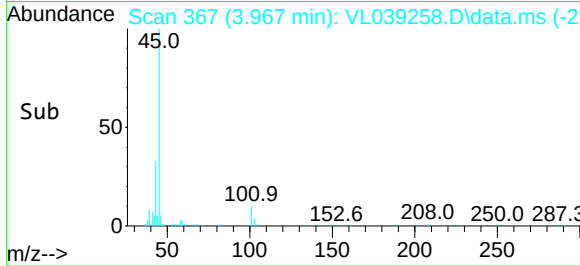
Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL



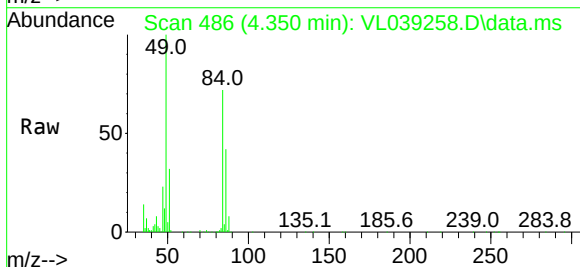
Tgt Ion: 45 Resp: 13323
Ion Ratio Lower Upper
45 100
58 7.2 1.8 2.8

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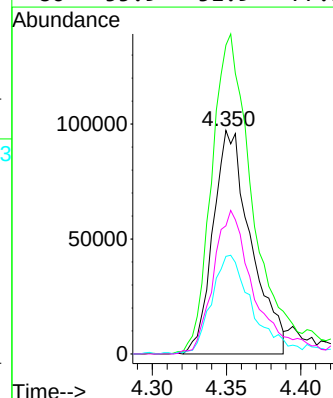
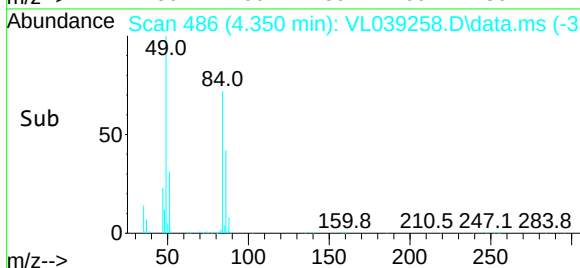
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Supervised By :Mahesh Dadoda 06/16/2022

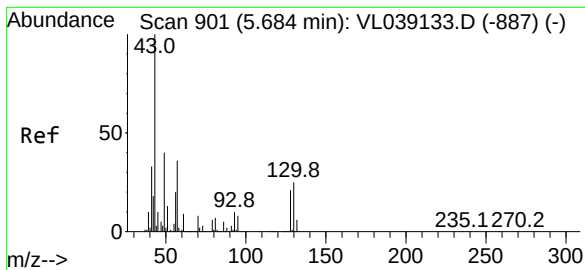


#20
Methylene Chloride
Concen: 2.699 ppbv
RT: 4.350 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13



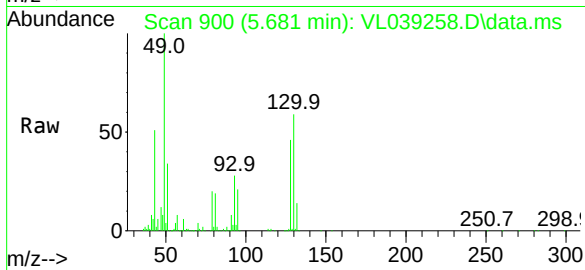
Tgt Ion: 84 Resp: 172603
Ion Ratio Lower Upper
84 100
49 137.3 111.1 166.7
51 42.9 35.3 52.9
86 55.9 51.9 77.9





#25
Ethyl Acetate
Concen: 1.984 ppbv
RT: 5.681 min Scan# 901
Delta R.T. -0.003 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

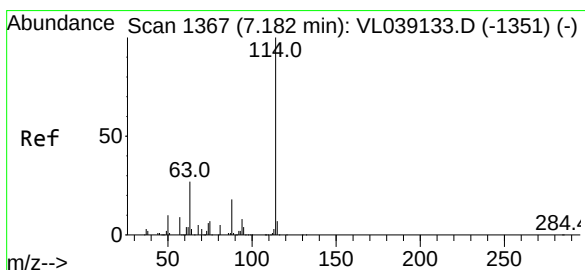
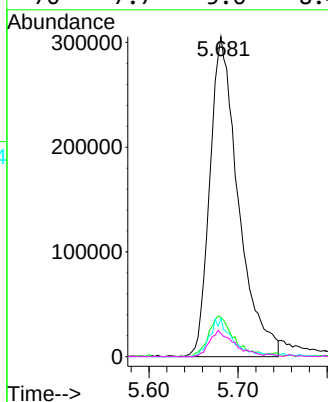
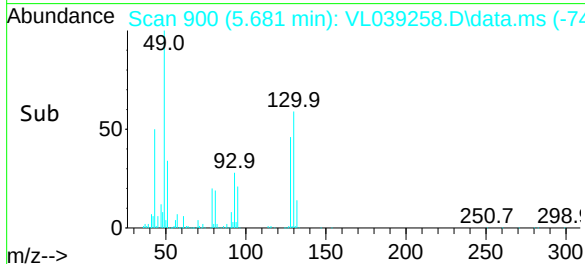
Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL



Tgt Ion: 43 Resp: 67838
Ion Ratio Lower Upper
43 100
45 12.0 8.2 12.2
61 9.6 8.4 12.6
70 7.7 5.6 8.4

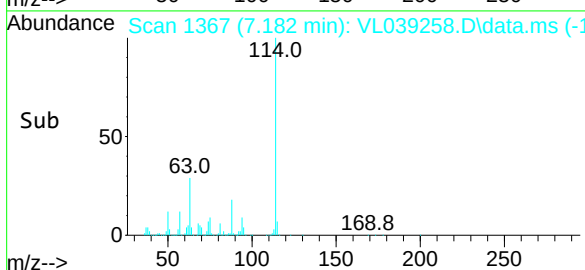
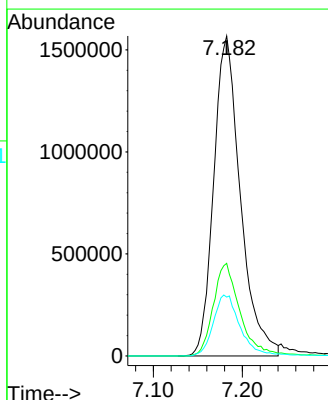
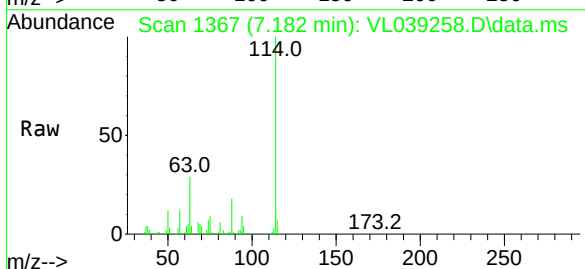
Manual Integrations
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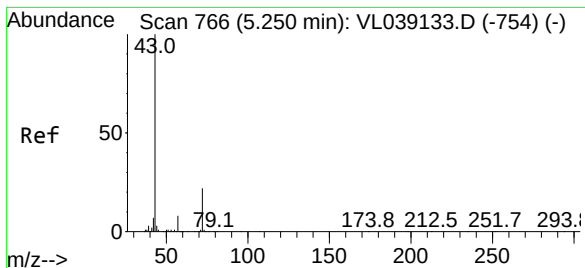
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.000 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

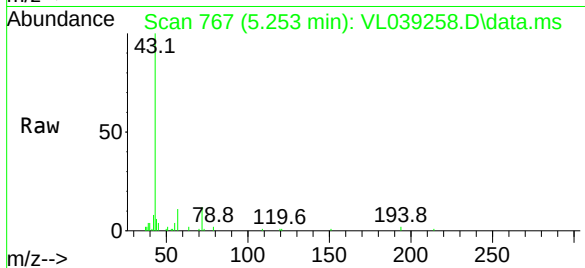
Tgt Ion:114 Resp: 3259817
Ion Ratio Lower Upper
114 100
63 29.3 21.7 32.5
88 19.6 14.8 22.2





#34
2-Butanone
Concen: 0.218 ppbv
RT: 5.253 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

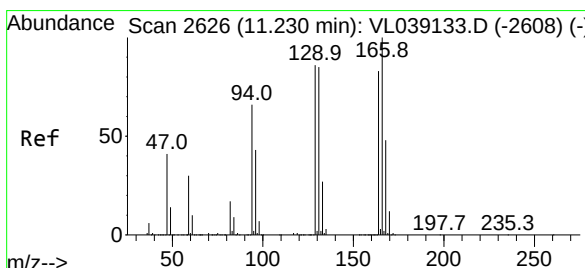
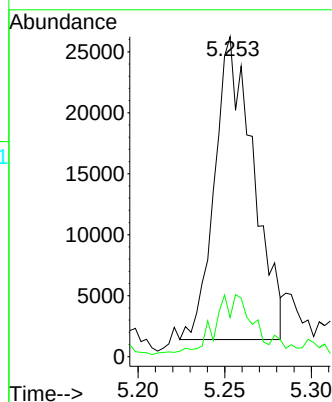
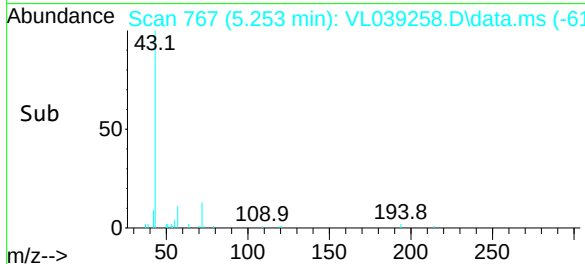
Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL



Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
72 26.7 18.2 27.2

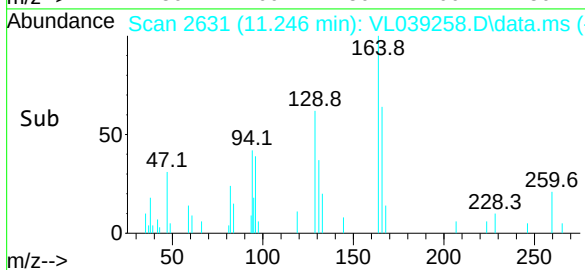
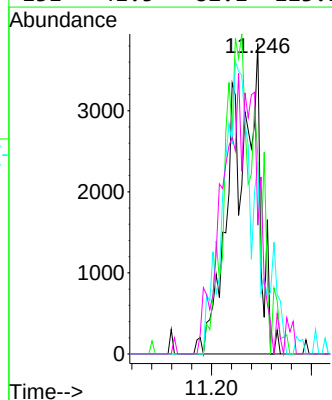
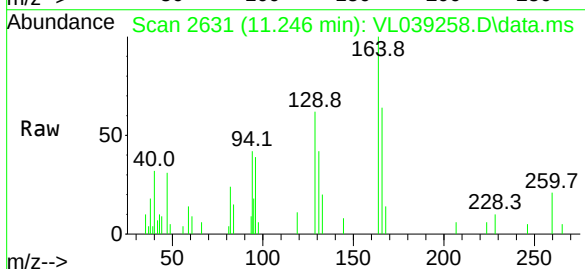
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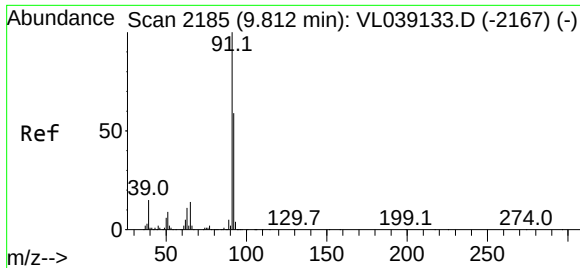
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#52
Tetrachloroethene
Concen: 0.069 ppbv m
RT: 11.246 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion:164 Resp: 7168
Ion Ratio Lower Upper
164 100
166 63.8 96.3 144.5#
129 61.9 82.5 123.7#
131 41.5 82.1 123.1#





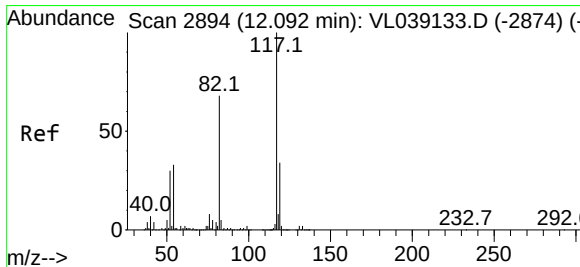
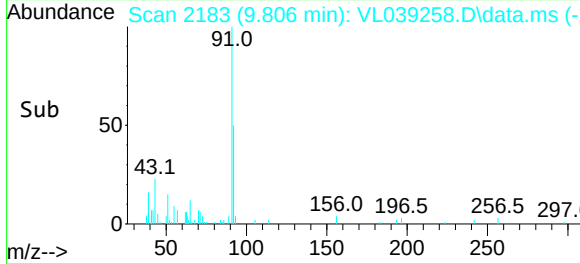
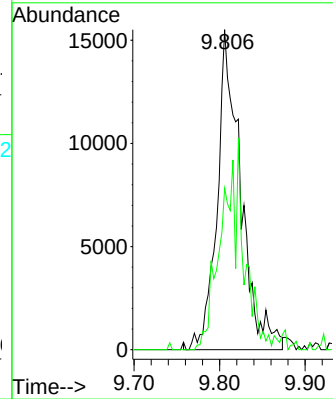
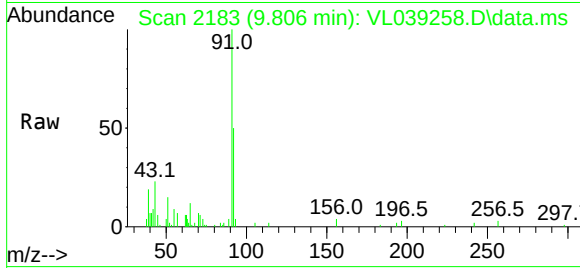
#53
Toluene
Concen: 0.097 ppbv m
RT: 9.806 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Instrument :
MSVOA_L
ClientSampleId :
OTC-IAZDL

Tgt Ion: 91 Resp: 29648
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1

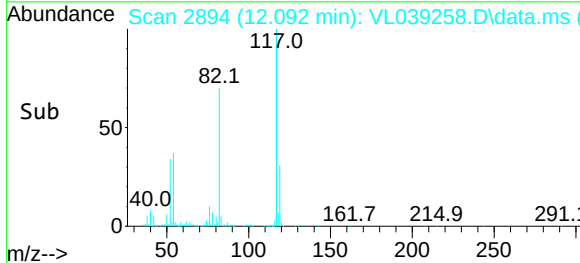
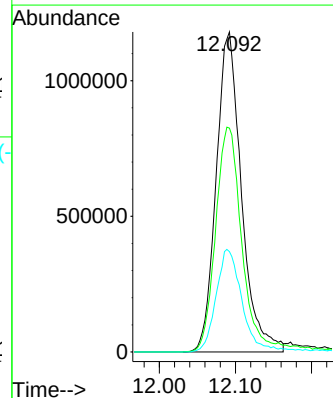
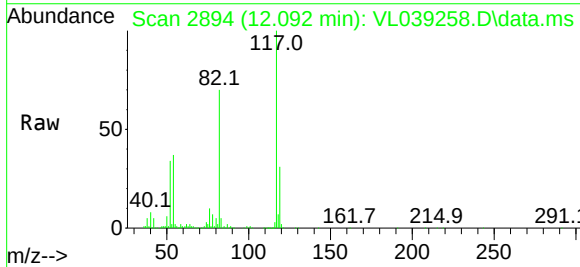
Manual Integrations
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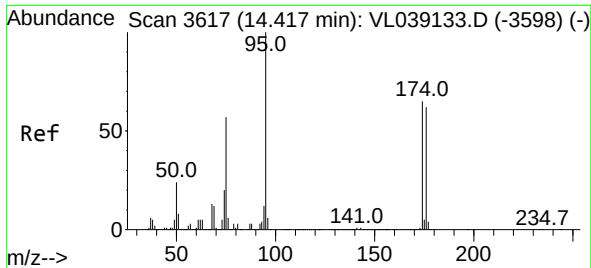
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VL039258.D
Acq: 13 Jun 2022 19:13

Tgt Ion:117 Resp: 2722768
Ion Ratio Lower Upper
117 100
82 74.8 55.1 82.7
119 34.0 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.158 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL039258.D
 Acq: 13 Jun 2022 19:13

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-IAZDL

Tgt Ion: 95 Resp: 228664
 Ion Ratio Lower Upper
 95 100
 174 60.5 53.8 80.8
 175 4.4 4.1 6.1

Manual Integrations
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