

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039371.D
 Acq On : 27 Jun 2022 23:11
 Operator : SY/AP
 Sample : N3453-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:41:15 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1016262	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3014808	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2660007	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1951206	8.873	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.034	85	35465	0.199	ppbv	90
3) Chlorodifluoromethane	2.980	51	94923	0.734	ppbv #	91
4) Chloromethane	3.137	50	43066m	0.648	ppbv	
9) Propene	2.996	41	13326m	0.236	ppbv	
11) Trichlorofluoromethane	3.947	101	35325	0.219	ppbv #	79
13) Ethanol	3.610	45	483655m	157.293	ppbv	
15) Acetone	3.854	43	554865	5.241	ppbv	97
19) Isopropyl Alcohol	3.976	45	61918m	1.247	ppbv	
20) Methylene Chloride	4.346	84	39086m	0.876	ppbv	
26) Hexane	5.684	57	50353m	0.480	ppbv	
34) 2-Butanone	5.250	43	72371m	0.442	ppbv	
35) Carbon Tetrachloride	7.015	117	11761m	0.053	ppbv	
36) Benzene	6.883	78	31625m	0.129	ppbv	
52) Tetrachloroethene	11.211	164	42958m	0.450	ppbv	
53) Toluene	9.802	91	97890	0.347	ppbv	98

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

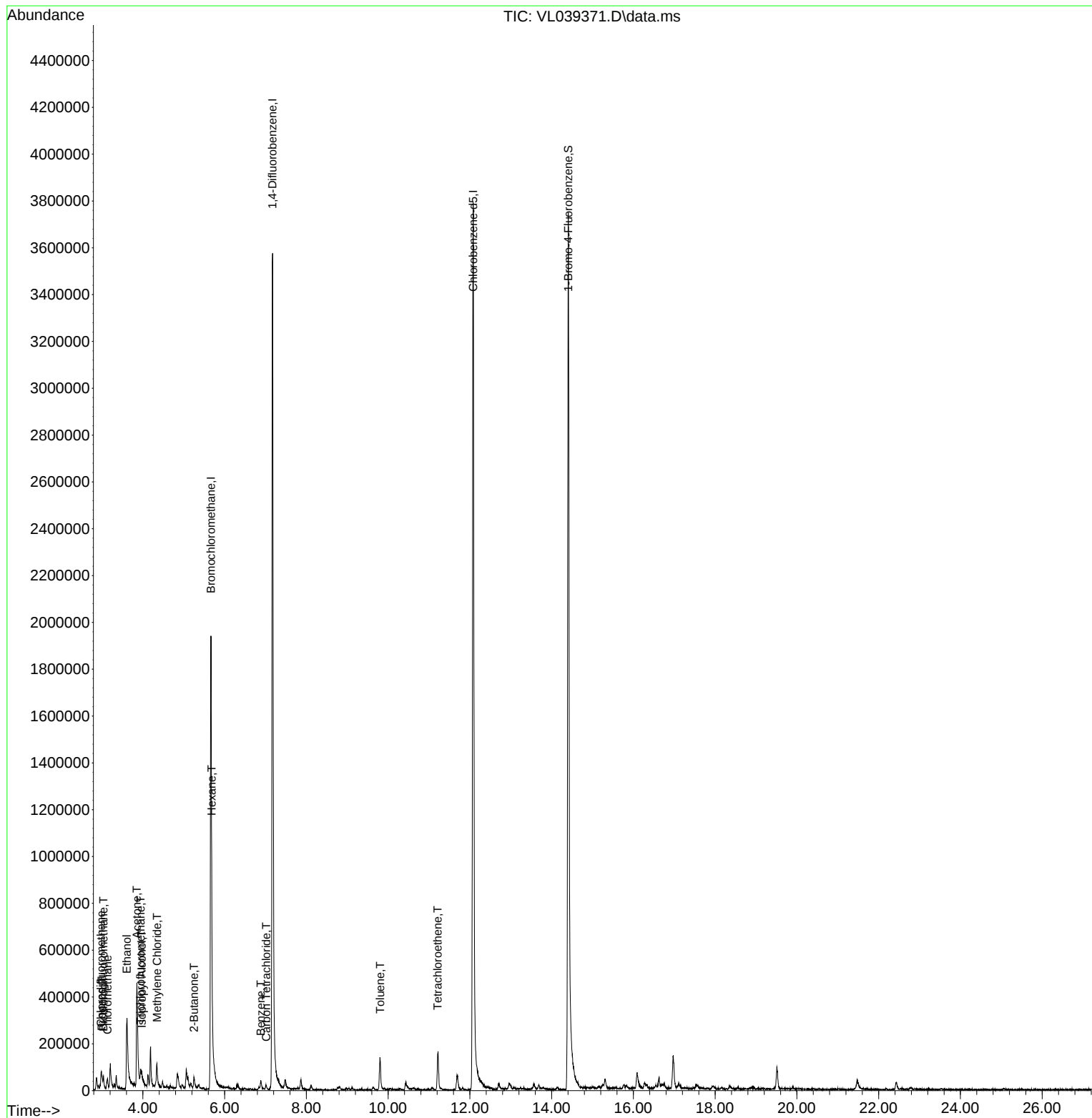
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039371.D
Acq On : 27 Jun 2022 23:11
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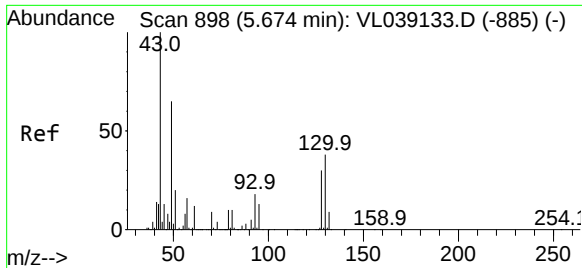
Instrument :
MSVOA_L
ClientSampleId :
AA-1

Quant Time: Jun 28 02:41:15 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

Manual Integrations
APPROVED

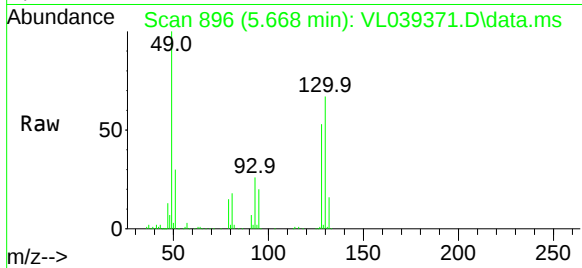
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 898
Delta R.T. -0.007 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

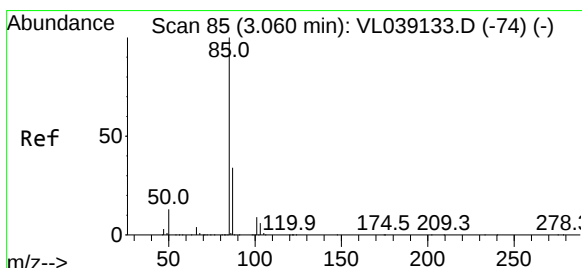
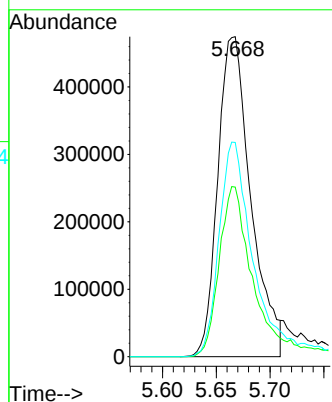
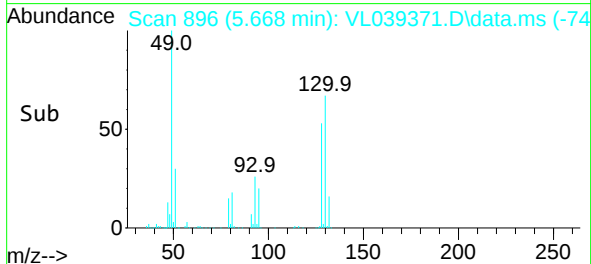
Instrument :
MSVOA_L
ClientSampleId :
AA-1



Tgt Ion: 49 Resp: 101626
Ion Ratio Lower Upper
49 100
128 56.2 24.7 74.1
130 74.0 31.4 94.0

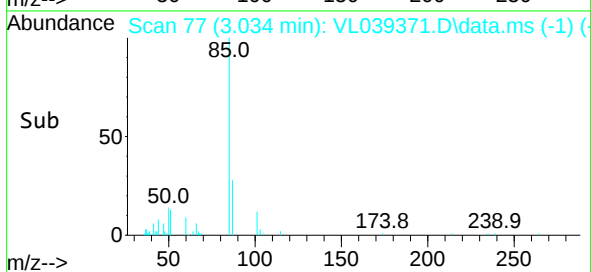
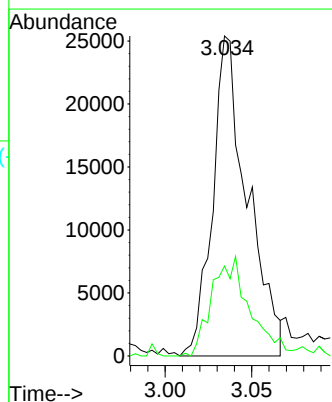
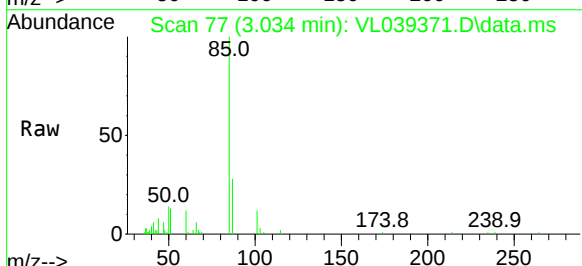
Manual Integrations
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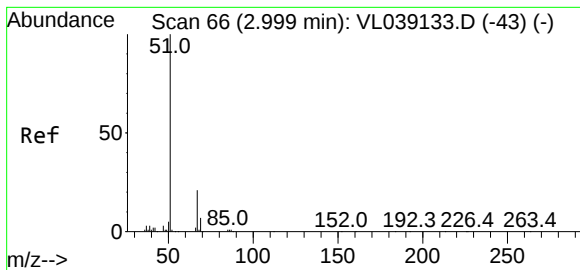
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 0.199 ppbv
RT: 3.034 min Scan# 77
Delta R.T. -0.026 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

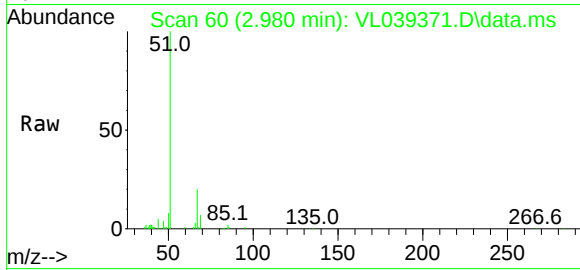
Tgt Ion: 85 Resp: 35465
Ion Ratio Lower Upper
85 100
87 28.1 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.734 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.019 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

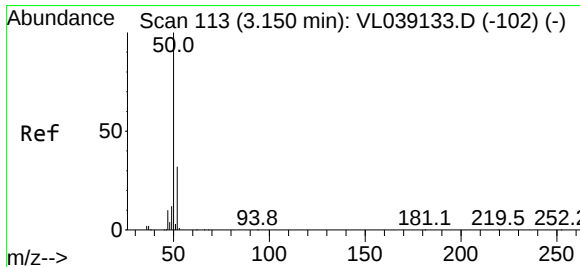
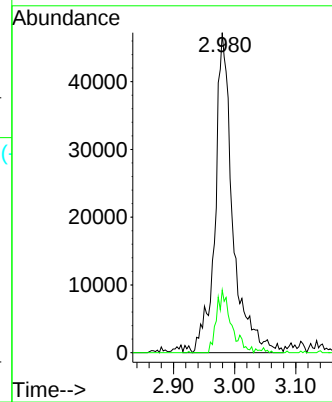
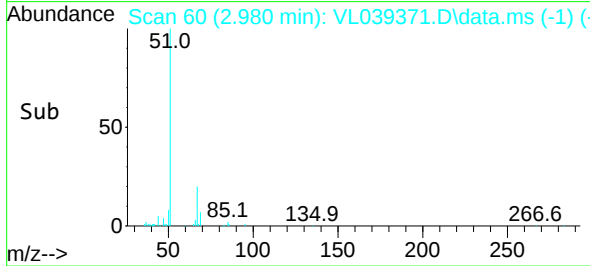
Instrument :
MSVOA_L
ClientSampleId :
AA-1



Tgt Ion: 51 Resp: 9492
Ion Ratio Lower Upper
51 100
67 16.2 16.2 24.4

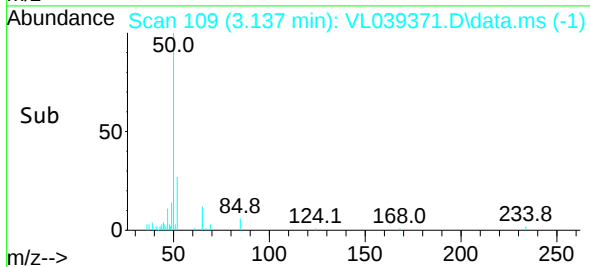
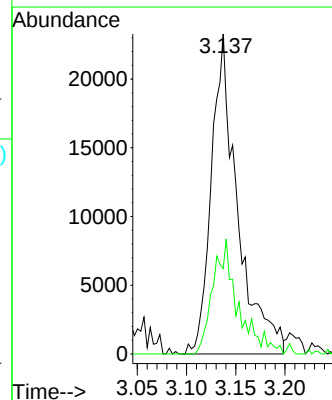
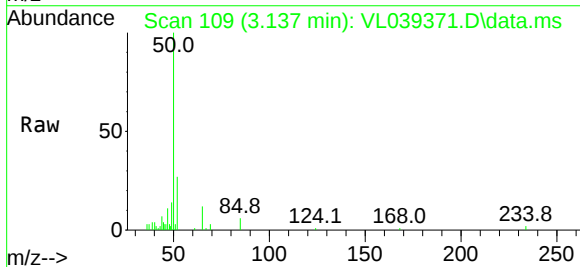
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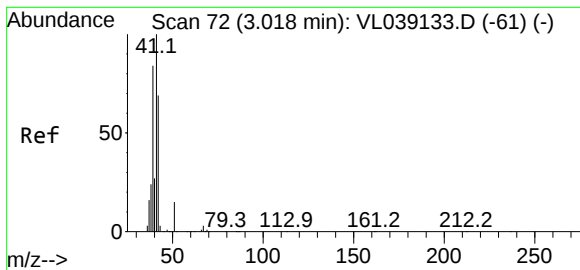
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Chloromethane
Concen: 0.648 ppbv m
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

Tgt Ion: 50 Resp: 43066
Ion Ratio Lower Upper
50 100
52 26.7 25.9 38.9





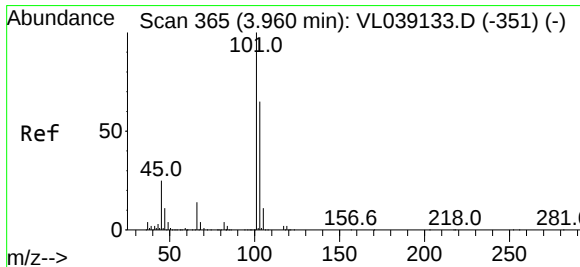
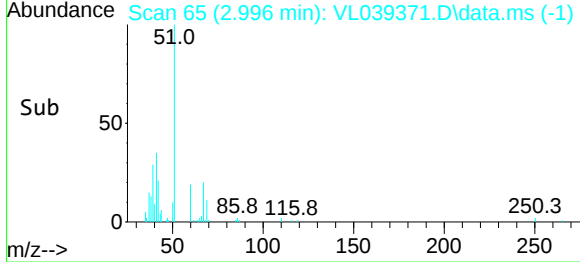
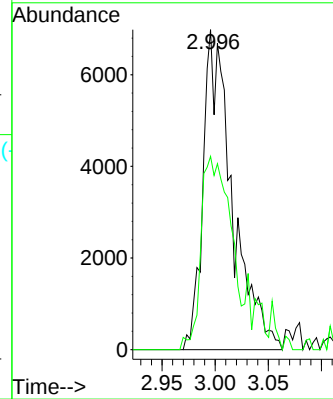
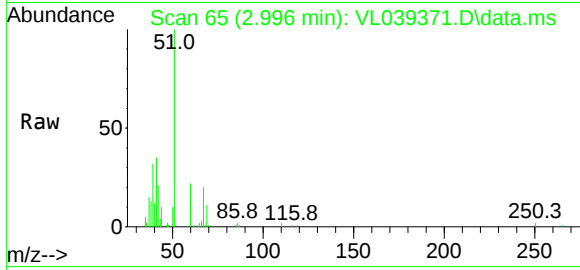
#9
 Propene
 Concen: 0.236 ppbv m
 RT: 2.996 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: VL039371.D
 Acq: 27 Jun 2022 23:11

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1

Tgt Ion: 41 Resp: 13320
 Ion Ratio Lower Upper
 41 100
 42 18.6 55.4 83.2

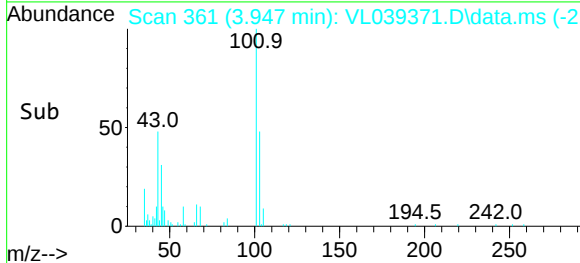
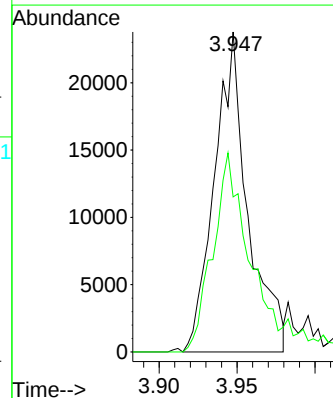
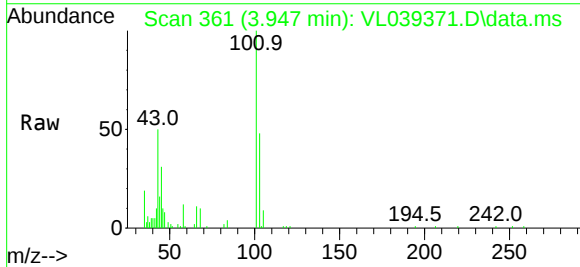
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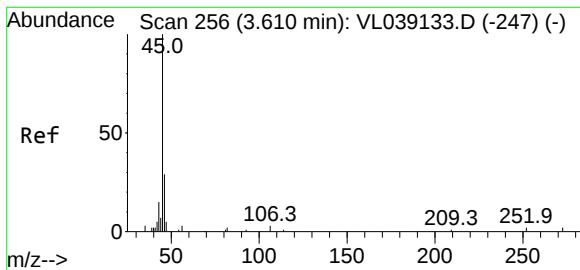
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#11
 Trichlorofluoromethane
 Concen: 0.219 ppbv
 RT: 3.947 min Scan# 361
 Delta R.T. -0.013 min
 Lab File: VL039371.D
 Acq: 27 Jun 2022 23:11

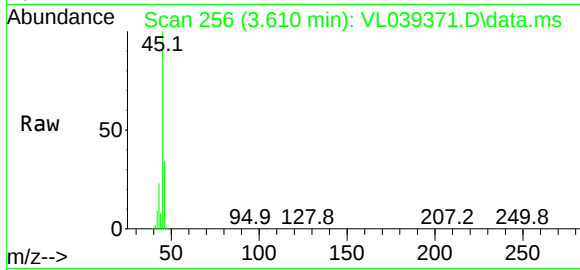
Tgt Ion:101 Resp: 35325
 Ion Ratio Lower Upper
 101 100
 103 48.5 51.7 77.5





#13
Ethanol
Concen: 157.293 ppbv m
RT: 3.610 min Scan# 256
Delta R.T. -0.000 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

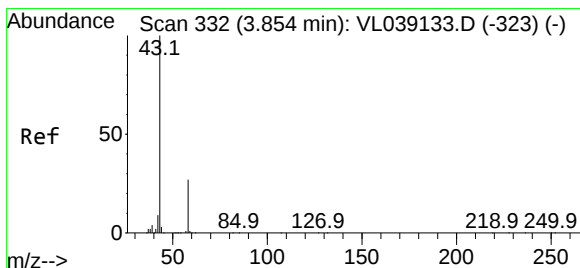
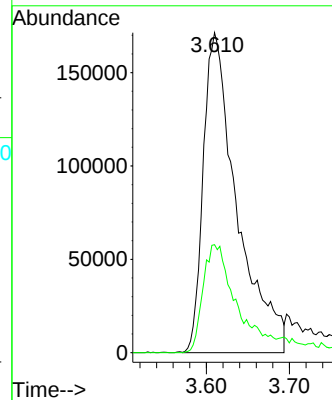
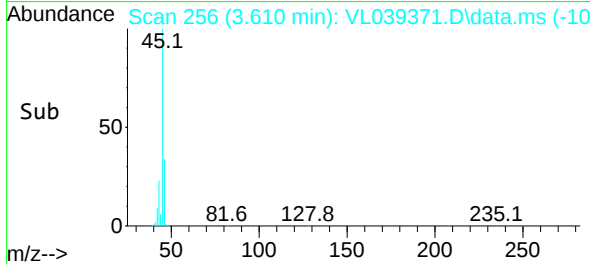
Instrument :
MSVOA_L
ClientSampleId :
AA-1



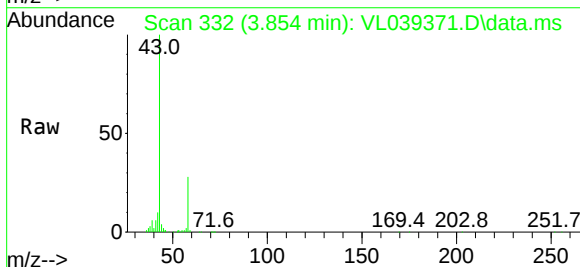
Tgt Ion: 45 Resp: 48365
Ion Ratio Lower Upper
45 100
46 38.6 0.0 0.0

Manual Integrations
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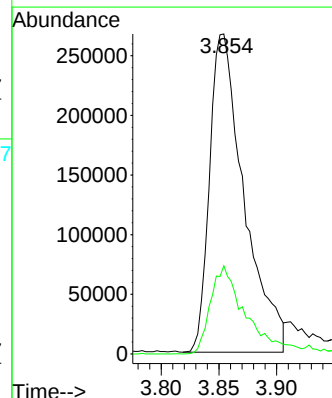
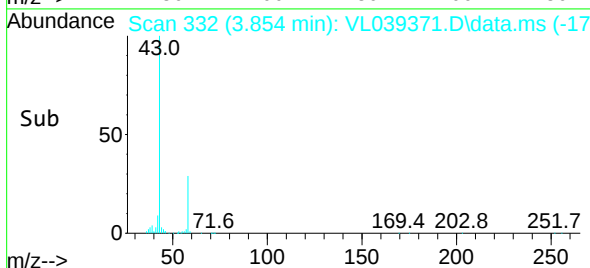
Reviewed By :Semsettin Yesilyurt 06/29/2022
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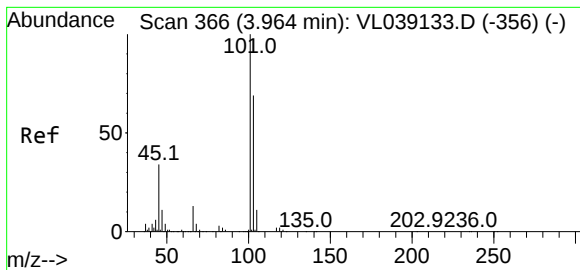


#15
Acetone
Concen: 5.241 ppbv
RT: 3.854 min Scan# 332
Delta R.T. -0.000 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11



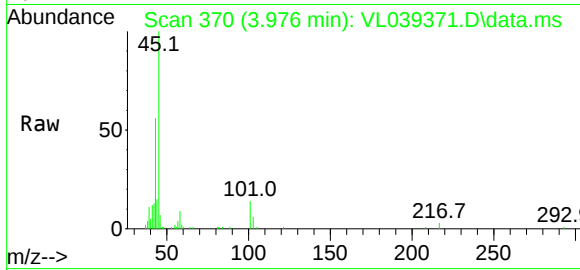
Tgt Ion: 43 Resp: 554865
Ion Ratio Lower Upper
43 100
58 29.4 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.247 ppbv m
RT: 3.976 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

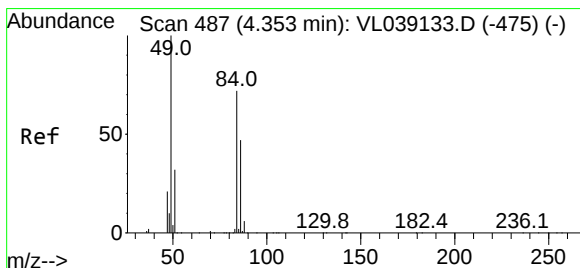
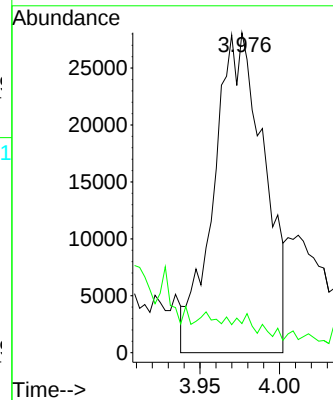
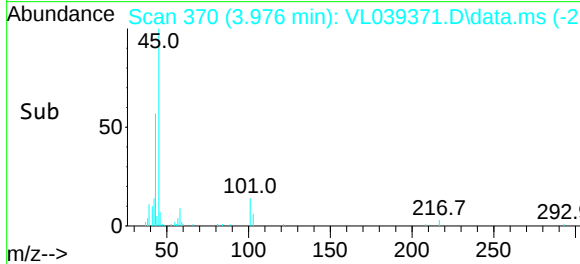
Instrument :
MSVOA_L
ClientSampleId :
AA-1



Tgt Ion: 45 Resp: 61918
Ion Ratio Lower Upper
45 100
58 11.6 1.8 2.8

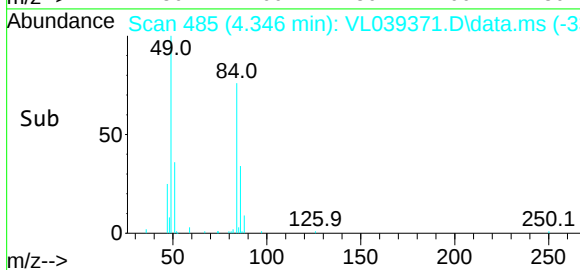
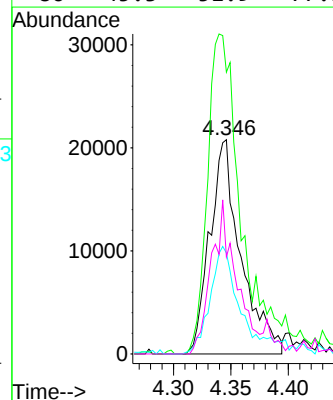
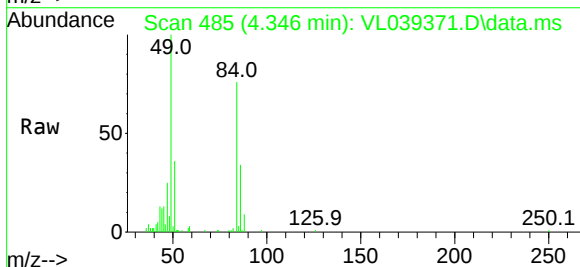
Manual Integrations
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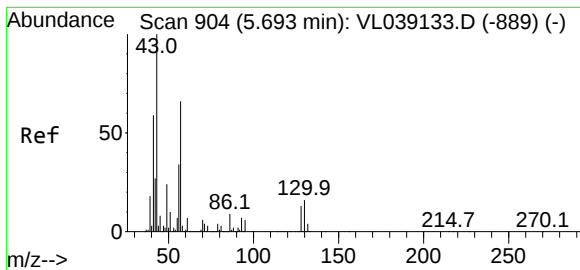
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 0.876 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.007 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

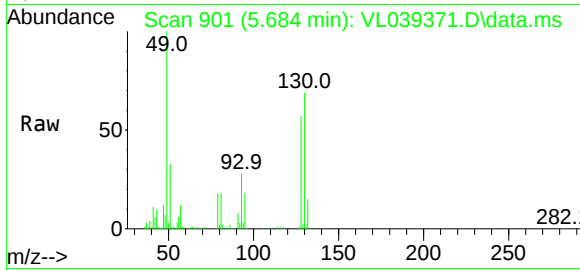
Tgt Ion: 84 Resp: 39086
Ion Ratio Lower Upper
84 100
49 131.6 111.1 166.7
51 47.2 35.3 52.9
86 45.3 51.9 77.9





#26
Hexane
Concen: 0.480 ppbv m
RT: 5.684 min Scan# 904
Delta R.T. -0.010 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

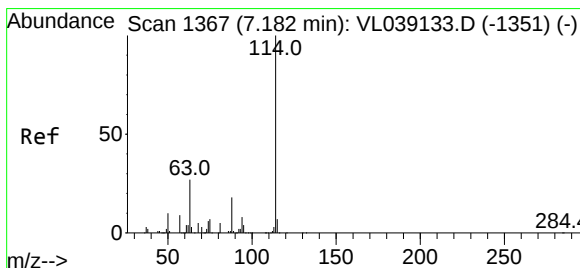
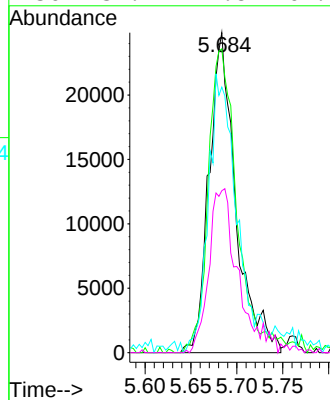
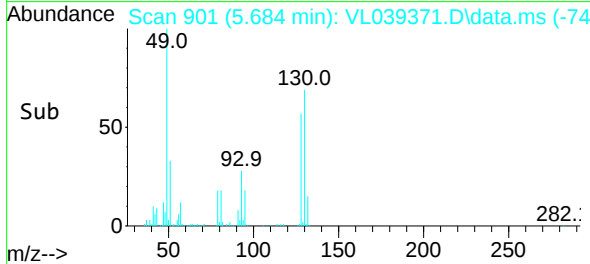
Instrument :
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AA-1



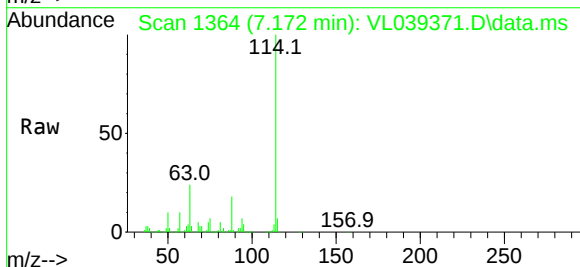
Tgt Ion: 57 Resp: 5035
Ion Ratio Lower Upper
57 100
41 103.9 72.4 108.6
43 97.3 187.0 280.6
56 57.2 41.8 62.6

Manual Integrations
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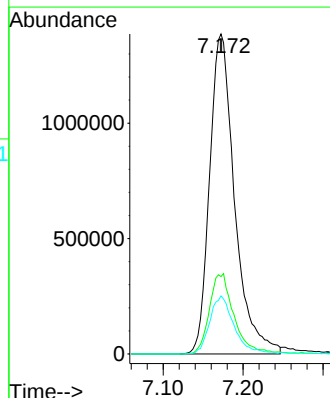
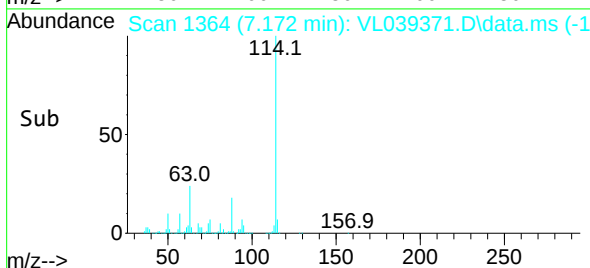
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

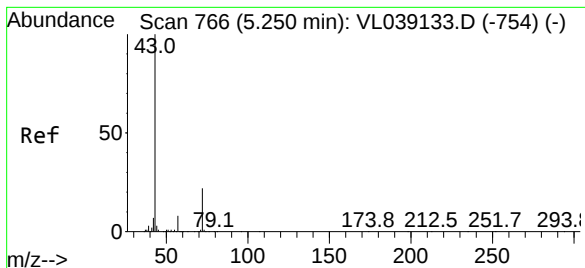


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.010 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11



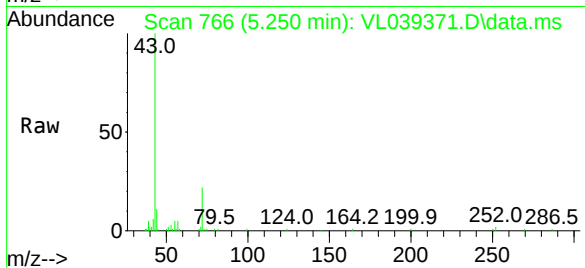
Tgt Ion:114 Resp: 3014808
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 0.442 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. -0.000 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

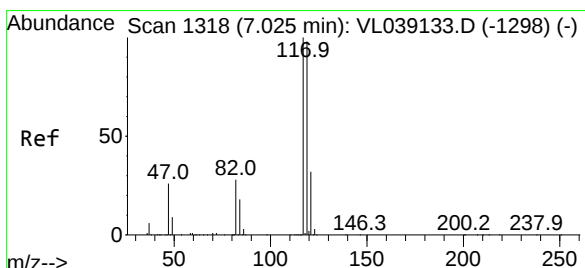
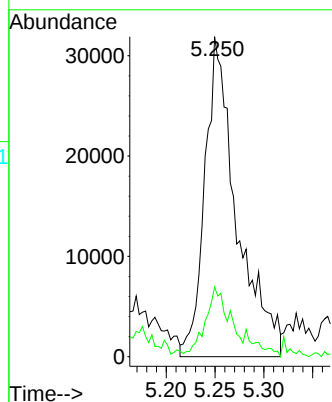
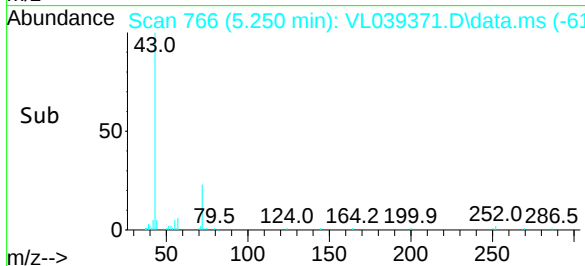
Instrument :
MSVOA_L
ClientSampleId :
AA-1



Tgt Ion: 43 Resp: 7237
Ion Ratio Lower Upper
43 100
72 21.3 18.2 27.2

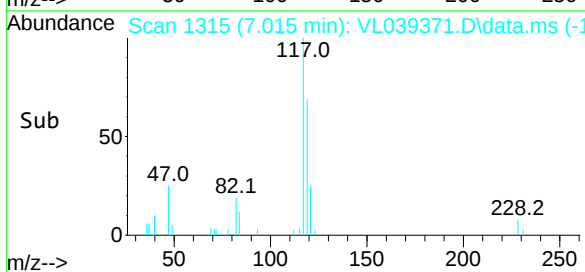
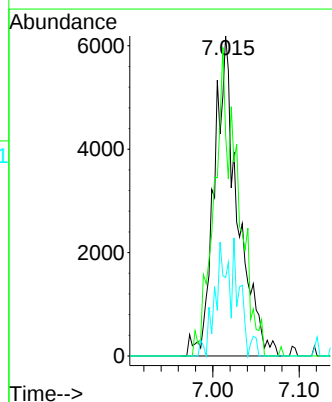
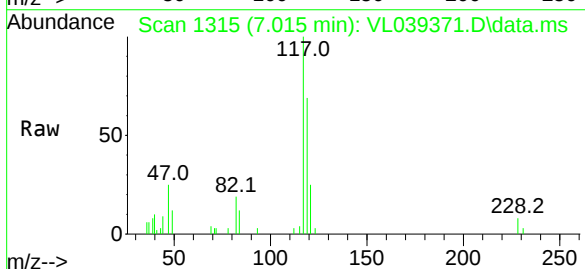
Manual Integrations
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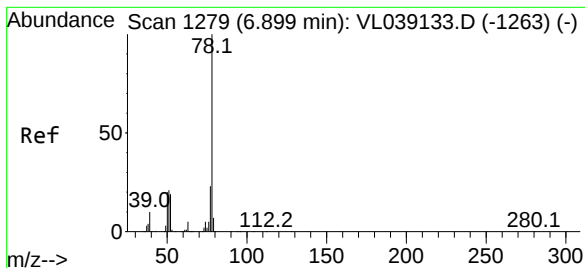
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#35
Carbon Tetrachloride
Concen: 0.053 ppbv m
RT: 7.015 min Scan# 1315
Delta R.T. -0.010 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

Tgt Ion:117 Resp: 11761
Ion Ratio Lower Upper
117 100
119 69.2 78.6 118.0#
121 24.5 25.4 38.0#





#36

Benzene

Concen: 0.129 ppbv m

RT: 6.883 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL039371.D

Acq: 27 Jun 2022 23:11

Instrument :

MSVOA_L

ClientSampleId :

AA-1

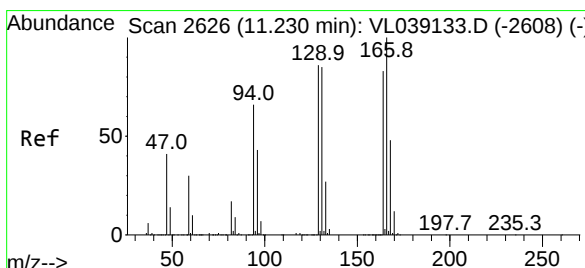
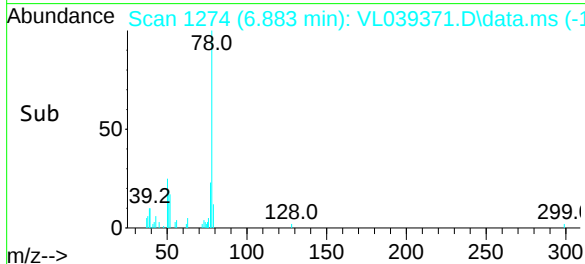
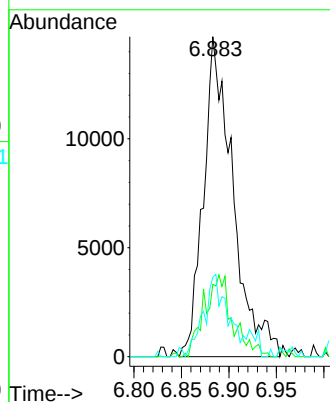
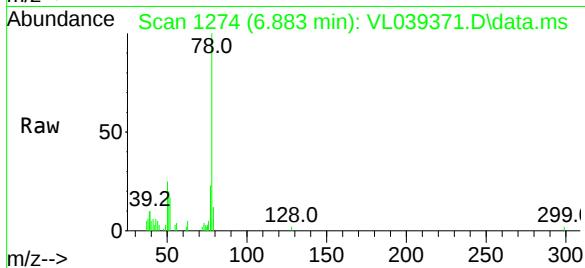
Tgt Ion: 78 Resp: 3162

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	27.8
50	24.8	15.8	23.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52

Tetrachloroethene

Concen: 0.450 ppbv m

RT: 11.211 min Scan# 2620

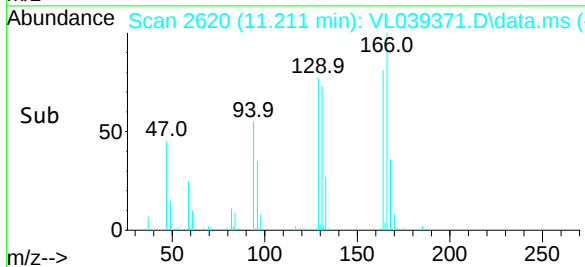
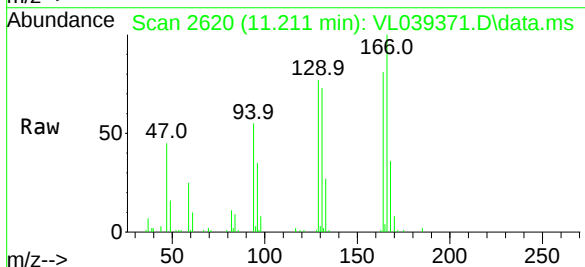
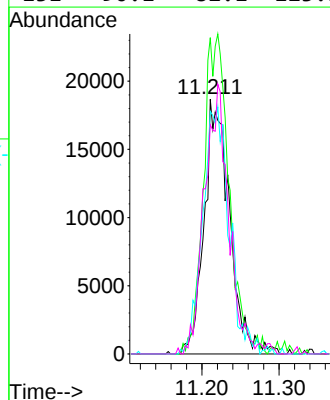
Delta R.T. -0.019 min

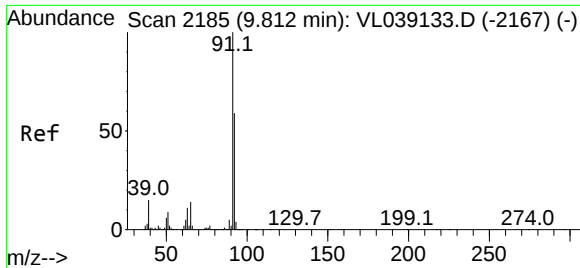
Lab File: VL039371.D

Acq: 27 Jun 2022 23:11

Tgt Ion:164 Resp: 42958

Ion	Ratio	Lower	Upper
164	100		
166	124.2	96.3	144.5
129	95.2	82.5	123.7
131	90.1	82.1	123.1





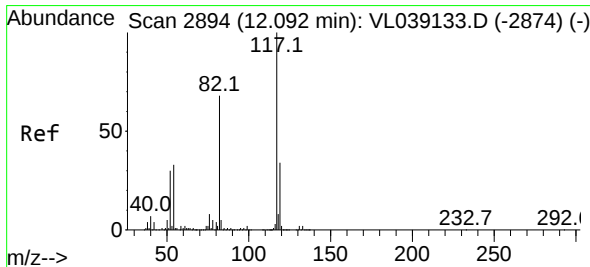
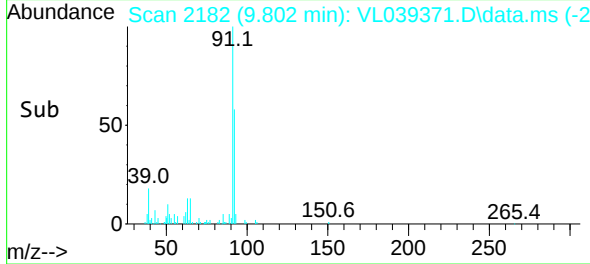
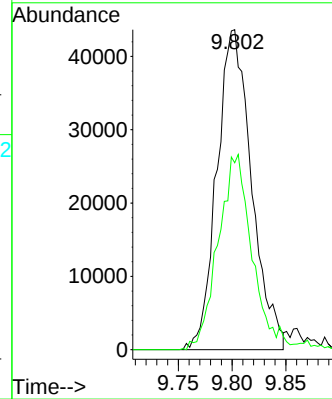
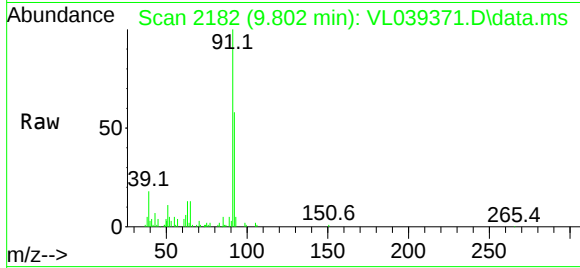
#53
Toluene
Concen: 0.347 ppbv
RT: 9.802 min Scan# 2185
Delta R.T. -0.010 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

Instrument :
MSVOA_L
ClientSampleId :
AA-1

Tgt Ion: 91 Resp: 97890
Ion Ratio Lower Upper
91 100
92 61.4 48.1 72.1

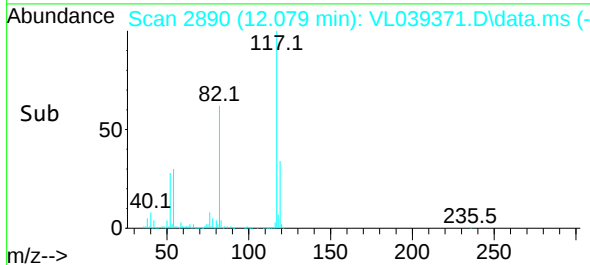
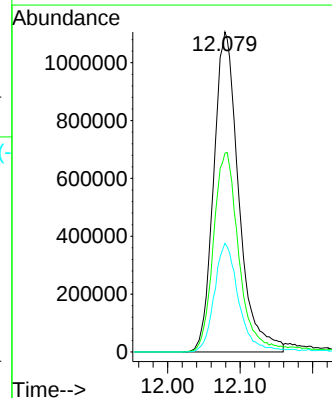
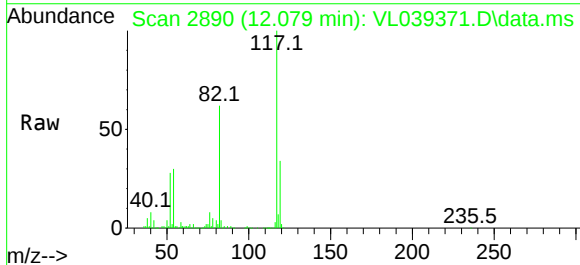
Manual Integrations
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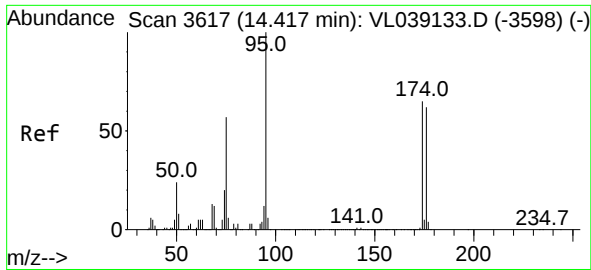
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039371.D
Acq: 27 Jun 2022 23:11

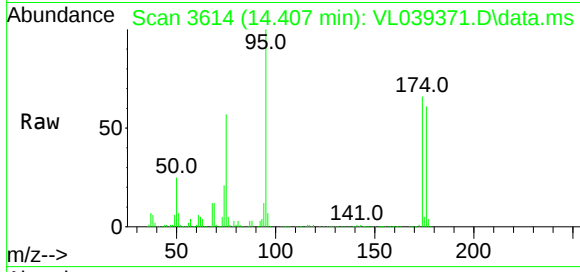
Tgt Ion:117 Resp: 2660007
Ion Ratio Lower Upper
117 100
82 65.9 55.1 82.7
119 34.3 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.873 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039371.D
 Acq: 27 Jun 2022 23:11

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1



Tgt Ion: 95 Resp: 1951200
 Ion Ratio Lower Upper
 95 100
 174 72.2 53.8 80.8
 175 4.9 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

