

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039396.D
 Acq On : 29 Jun 2022 13:06
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:35:25 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1286538	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	3651848	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	3324055	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 2462252 8.960 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 89.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	217001	0.960	ppbv	99
3) Chlorodifluoromethane	2.980	51	177239	1.083	ppbv	96
4) Chloromethane	3.131	50	90684	1.078	ppbv #	85
5) Vinyl Chloride	3.247	62	86107	1.095	ppbv	97
6) Bromomethane	3.465	94	36718	0.950	ppbv	85
7) Chloroethane	3.552	64	34075	1.244	ppbv	96
8) Dichlorotetrafluoroethane	3.179	85	214804	1.040	ppbv	94
9) Propene	3.006	41	81510	1.142	ppbv	99
10) Heptane	8.105	43	182269	1.095	ppbv	98
11) Trichlorofluoromethane	3.938	101	208701	1.020	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.472	101	162560	1.202	ppbv	97
13) Ethanol	3.600	45	4997	1.284	ppbv	89
14) Bromoethene	3.732	108	65473	1.077	ppbv	95
15) Acetone	3.848	43	168929	1.261	ppbv	95
16) 1,3-Butadiene	3.314	39	85956m	1.193	ppbv	
17) tert-Butyl alcohol	4.279	59	135687	1.305	ppbv #	93
18) 1,1-Dichloroethene	4.279	96	70549	1.163	ppbv	98
19) Isopropyl Alcohol	3.960	45	80041	1.273	ppbv #	97
20) Methylene Chloride	4.330	84	62554	1.108	ppbv	99
21) Allyl Chloride	4.404	41	109763	1.214	ppbv	98
22) trans-1,2-Dichloroethene	4.870	96	65815	1.127	ppbv	93
23) Vinyl Acetate	5.057	43	94436	0.852	ppbv #	95
24) 1,1-Dichloroethane	4.993	63	154811	1.019	ppbv	99
25) Ethyl Acetate	5.665	43	300532	0.995	ppbv	96
26) Hexane	5.671	57	83675	0.630	ppbv #	1
27) Carbon Disulfide	4.539	76	144292	1.049	ppbv	95
28) Methyl tert-Butyl Ether	5.028	73	148678	1.015	ppbv	97
29) Chloroform	5.732	83	235053	1.052	ppbv	95
30) Cyclohexane	7.111	84	111951	1.004	ppbv	96
31) cis-1,2-Dichloroethene	5.536	61	138378	1.022	ppbv	88
32) 1,1,1-Trichloroethane	6.494	97	216143	0.989	ppbv	96
34) 2-Butanone	5.234	43	171900	0.866	ppbv	91
35) Carbon Tetrachloride	6.996	117	224623	0.843	ppbv	96
36) Benzene	6.870	78	289516	0.977	ppbv	94
37) 1,2-Dichloroethane	6.292	62	180798m	0.927	ppbv	
38) Trichloroethene	7.816	130	163995m	1.204	ppbv	
39) 1,2-Dichloropropane	7.597	63	110515	0.937	ppbv	98
40) 1,4-Dioxane	7.835	88	47388m	1.221	ppbv	
41) Tetrahydrofuran	6.050	42	105353	0.883	ppbv	97
42) Bromodichloromethane	7.771	83	223511	0.825	ppbv	97
43) Methyl Methacrylate	7.996	69	105774	0.916	ppbv	98
44) 2,2,4-Trimethylpentane	7.848	57	513565	0.990	ppbv	99
45) t-1,3-Dichloropropene	9.259	75	73087	0.608	ppbv	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.681	75	112634	0.709	ppbv	95
47) 1,1,2-Trichloroethane	9.449	97	125207m	1.018	ppbv	
48) Dibromochloromethane	10.285	129	181908	0.828	ppbv	98
49) Bromoform	13.018	173	134640	0.735	ppbv	98
50) 4-Methyl-2-Pentanone	8.732	43	262341	0.883	ppbv	97
51) 2-Hexanone	10.124	43	206143m	0.892	ppbv	
52) Tetrachloroethene	11.201	164	114512	0.989	ppbv	93
53) Toluene	9.787	91	327347	0.959	ppbv	100
54) 1,2-Dibromoethane	10.587	107	154435m	0.934	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.105	131	153937	0.979	ppbv #	1
57) Chlorobenzene	12.121	112	278352	1.113	ppbv	93
58) Ethyl Benzene	12.690	91	451143	0.985	ppbv	89
59) m/p-Xylene	12.970	91	807403m	2.002	ppbv	
60) o-Xylene	13.667	91	385550	1.018	ppbv	99
61) Styrene	13.503	104	183783	0.906	ppbv	95
62) Isopropylbenzene	14.645	105	595405	1.057	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.658	83	180734	0.850	ppbv	95
64) n-propylbenzene	15.536	120	143783m	1.039	ppbv	
65) tert-Butylbenzene	16.722	119	555857	1.079	ppbv	99
66) Benzyl Chloride	16.970	91	40087m	0.599	ppbv	
67) sec-Butylbenzene	17.269	105	740246	1.054	ppbv	98
69) p-Isopropyltoluene	17.625	119	606107	1.022	ppbv	98
70) n-Butylbenzene	18.526	91	585696	0.963	ppbv	97
71) 2-Chlorotoluene	15.426	91	423821m	0.987	ppbv	
72) 4-Ethyltoluene	15.815	105	431302	0.971	ppbv	99
73) 1,3,5-Trimethylbenzene	15.970	105	395860	0.988	ppbv	94
74) 1,2,4-Trimethylbenzene	16.735	105	456258	1.021	ppbv #	93
75) 1,3-Dichlorobenzene	16.966	146	258782	1.023	ppbv	97
76) 1,4-Dichlorobenzene	17.111	146	272974m	1.081	ppbv	
77) 1,2-Dichlorobenzene	17.793	146	263926	1.035	ppbv	99
78) Hexachloro-1,3-Butadiene	23.349	225	225288	0.966	ppbv	98
79) Naphthalene	22.166	128	296717	0.862	ppbv #	95
80) Naphthalene,2-methyl-	24.953	142	78922	0.617	ppbv	97
81) 1,2,4-Trichlorobenzene	21.892	180	191864	0.880	ppbv	100

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

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Supervised By :Mahesh Dadoda 07/01/2022

Abundance

TIC: VL039396.D\data.ms

Time-->

5800000

5600000

5400000

5200000

5000000

4800000

4600000

4400000

4200000

4000000

3800000

3600000

3400000

3200000

3000000

2800000

2600000

2400000

2200000

2000000

1800000

1600000

1400000

1200000

1000000

800000

600000

400000

200000

0

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

1,4-Difluorobenzene, I

Chlorobenzene-d5, I

1-Bromo-4-Fluorobenzene, S

Hexachloroethane, I

Ethyl Acetate, F

Hexane, T

Bromochloromethane, I

1,2-Dichloroethane, I

Chloroform, I

Tetrahydrofuran, T

1,2-Dichloroethane, T

1,1,1-Trichloroethane, T

Benzene, I

Cyclohexane, I

1,2-Dichloropropane, I

Bromodichloromethane, I

Methylcyclopentadiene, I

cis-1,4-Dichlorocyclohexane, T

t-1,3-Dichloropropene, I

1,1,2-Trichloroethane, T

Toluene, T

2-Hexanone, I

Dibromochloromethane, T

1,2-Dibromoethane, T

Tetrachloroethene, I

Chlorobenzene, T

Ethyl Benzene, I

Bromofom, T

p-Xylene, I

Styrene, T

1,3,5-Trichlorobenzene, T

Isopropylbenzene

2-Chlorobenzene

4-Ethyltoluene, I

1,3,5-Trimethylbenzene, T

1,2,4-Trichlorobenzene, T

1,2,4-Trichlorobenzene, I

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, I

Isopropyltoluene

1,2-Dichlorobenzene, I

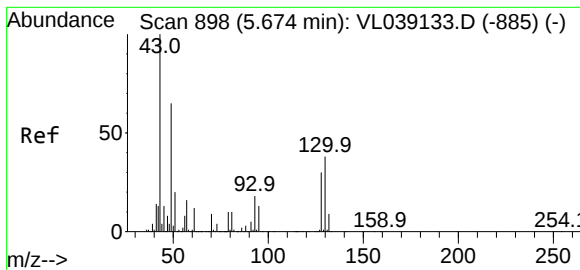
n-Butylbenzene

1,2,4-Trichlorobenzene, T

Naphthalene, T

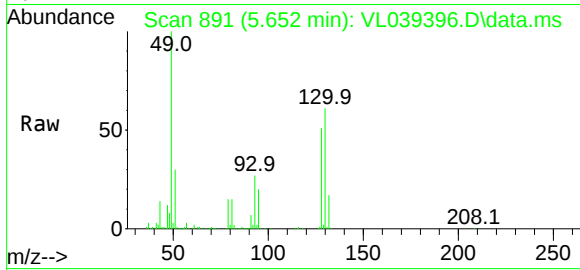
Hexachloro-1,3-Butadiene, T

Naphthalene, 2-methyl-, T



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

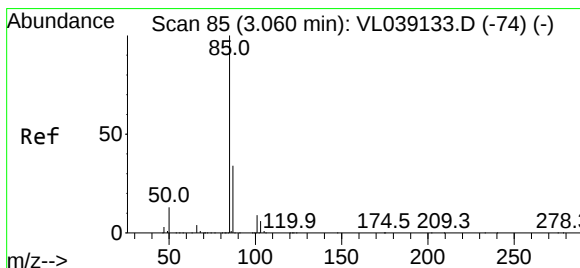
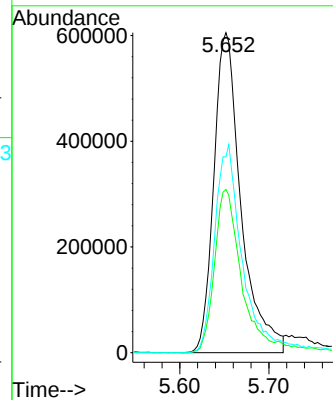
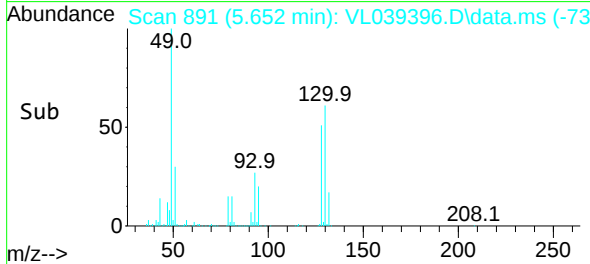
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



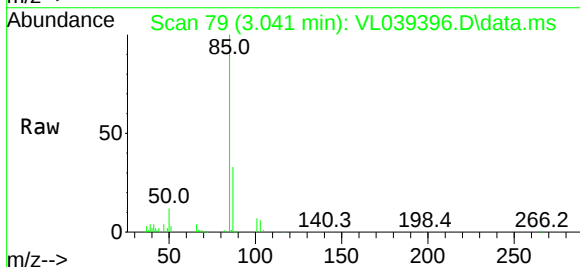
Tgt Ion: 49 Resp: 1286538
Ion Ratio Lower Upper
49 100
128 53.6 26.7 80.0
130 68.8 34.3 102.8

Manual Integrations
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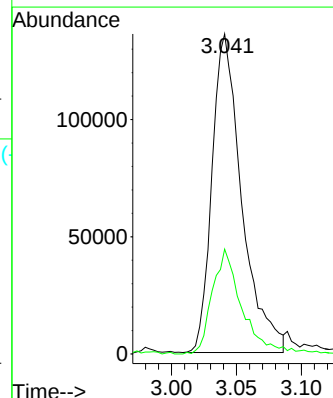
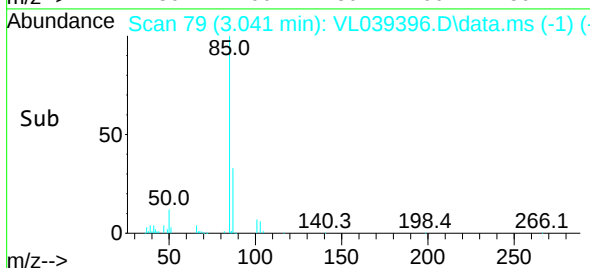
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

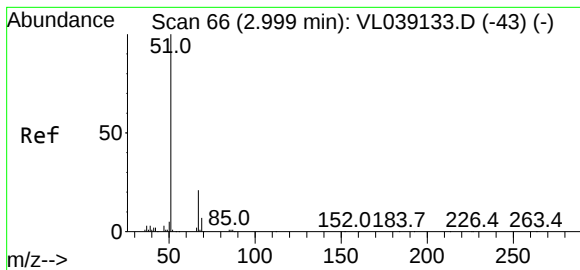


#2
Dichlorodifluoromethane
Concen: 0.960 ppbv
RT: 3.041 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



Tgt Ion: 85 Resp: 217001
Ion Ratio Lower Upper
85 100
87 32.9 26.7 40.1





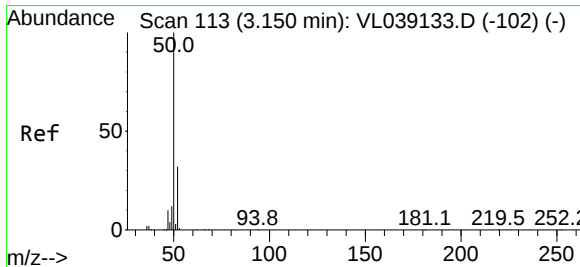
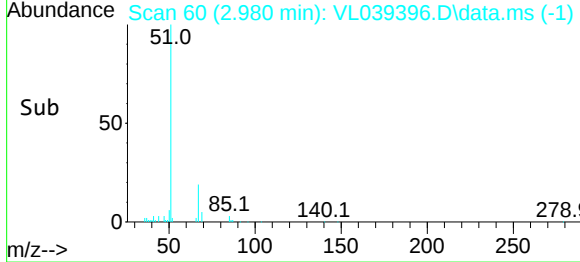
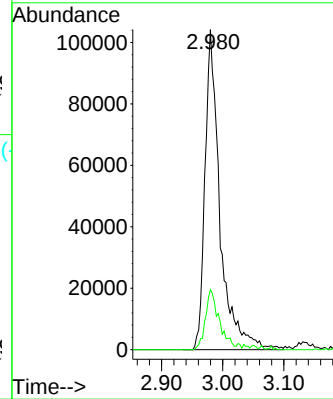
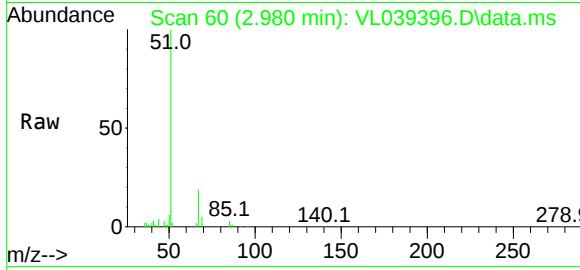
#3
Chlorodifluoromethane
Concen: 1.083 ppbv
RT: 2.980 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 51 Resp: 177239
Ion Ratio Lower Upper
51 100
67 17.8 15.7 23.5

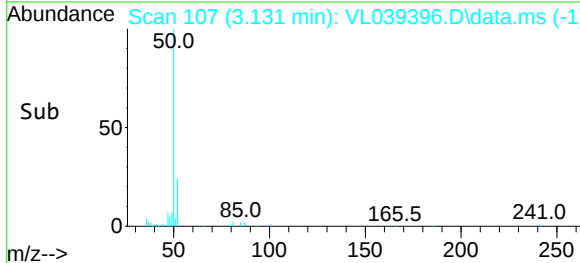
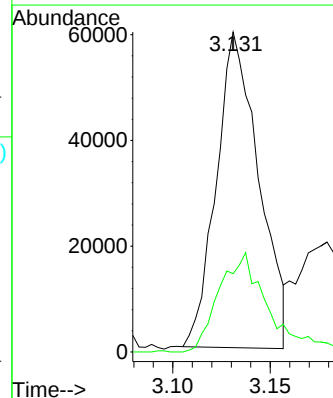
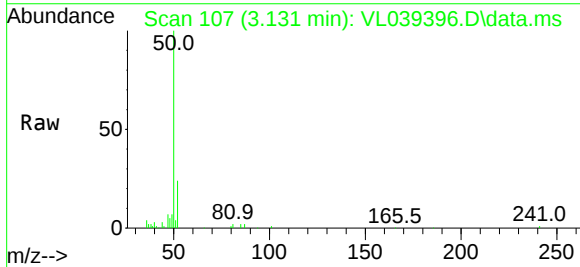
Manual Integrations
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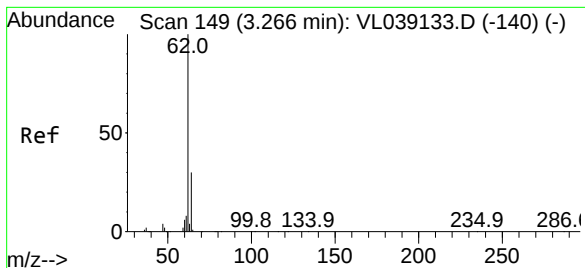
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#4
Chloromethane
Concen: 1.078 ppbv
RT: 3.131 min Scan# 107
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 50 Resp: 90684
Ion Ratio Lower Upper
50 100
52 24.9 26.5 39.7#





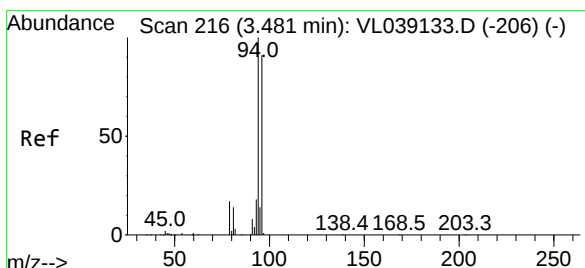
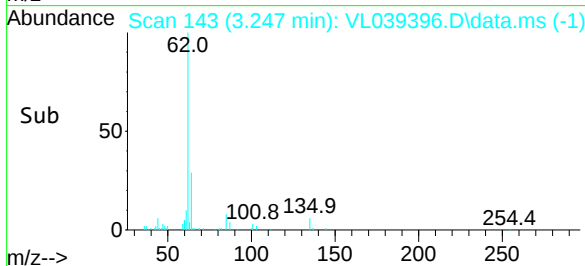
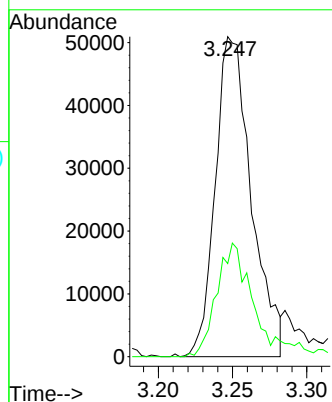
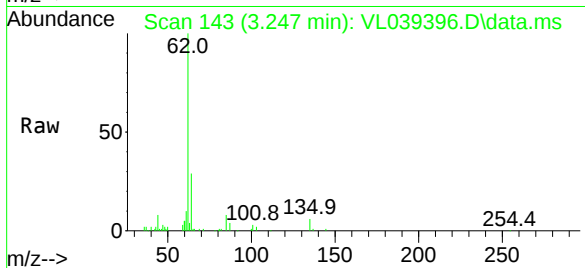
#5
 Vinyl Chloride
 Concen: 1.095 ppbv
 RT: 3.247 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 8610
 Ion Ratio Lower Upper
 62 100
 64 29.1 24.6 36.8

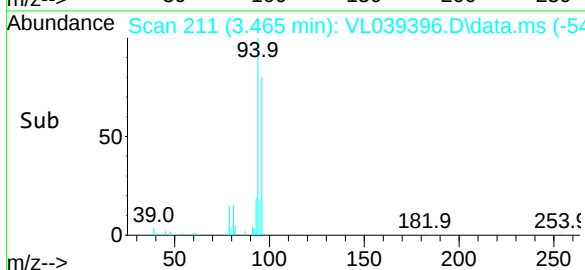
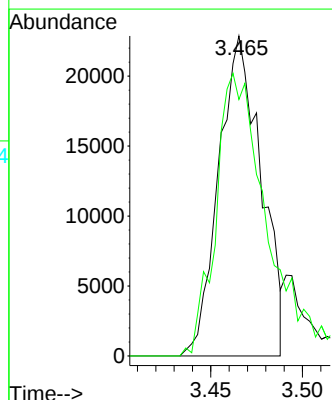
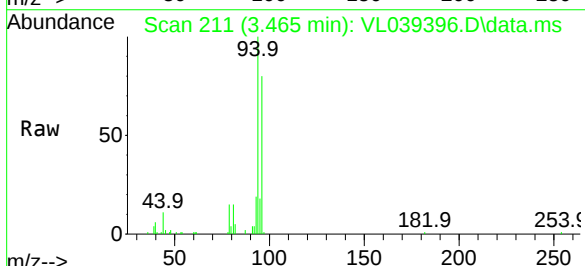
Manual Integrations
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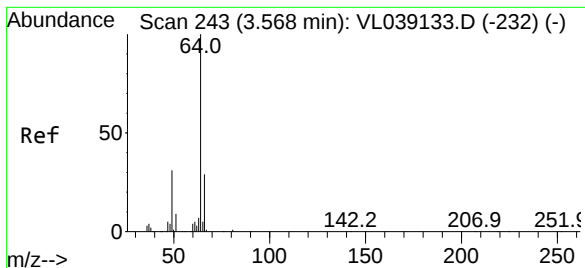
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#6
 Bromomethane
 Concen: 0.950 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

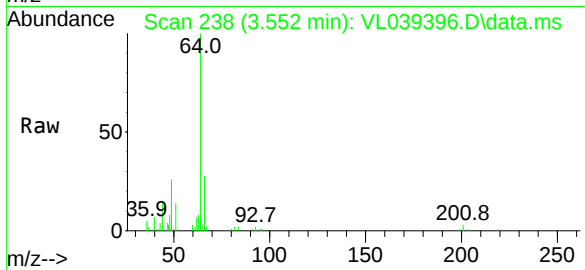
Tgt Ion: 94 Resp: 36718
 Ion Ratio Lower Upper
 94 100
 96 80.1 75.6 113.4





#7
Chloroethane
Concen: 1.244 ppbv
RT: 3.552 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

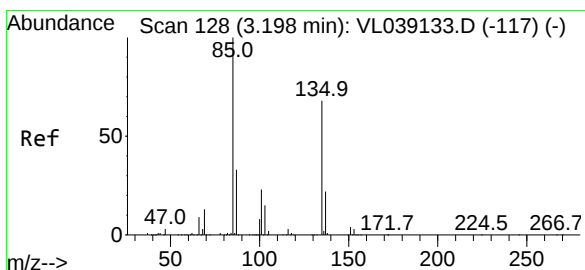
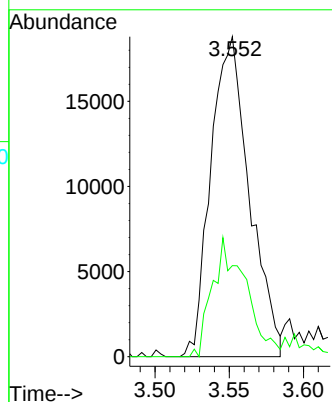
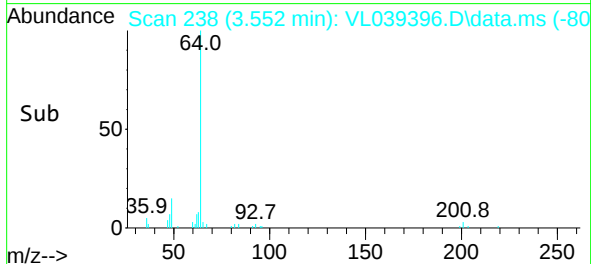
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



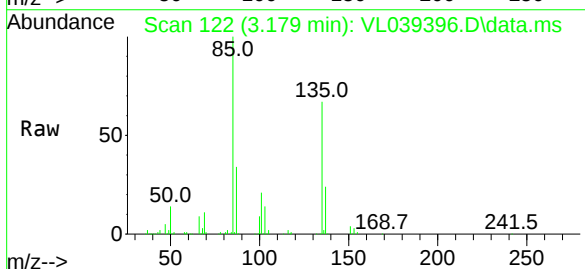
Tgt Ion: 64 Resp: 3407
Ion Ratio Lower Upper
64 100
66 28.5 24.7 37.1

Manual Integrations
APPROVED

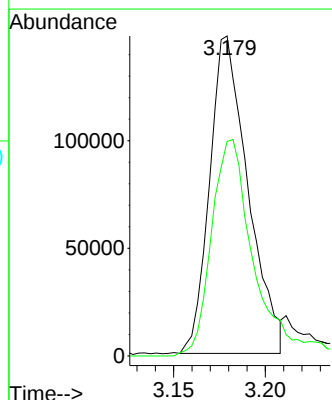
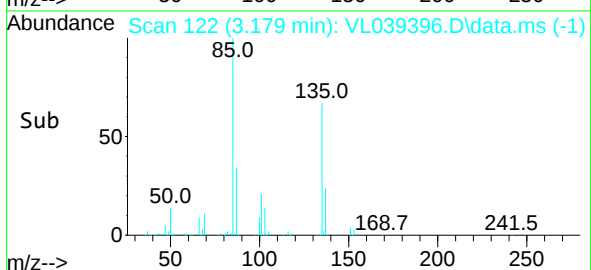
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

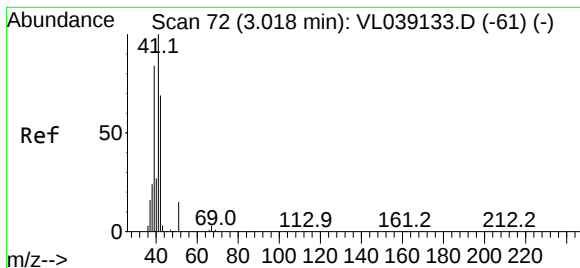


#8
Dichlorotetrafluoroethane
Concen: 1.040 ppbv
RT: 3.179 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



Tgt Ion: 85 Resp: 214804
Ion Ratio Lower Upper
85 100
135 78.5 59.0 88.4





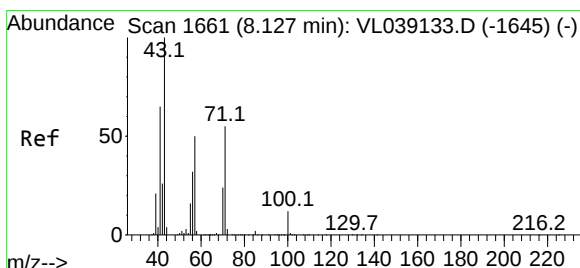
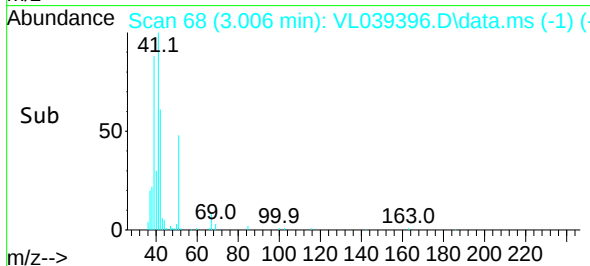
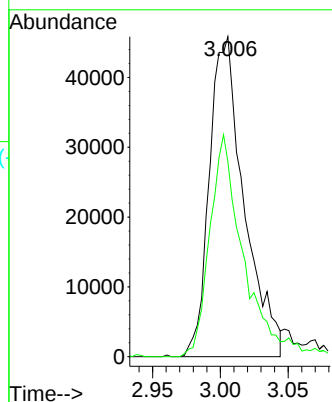
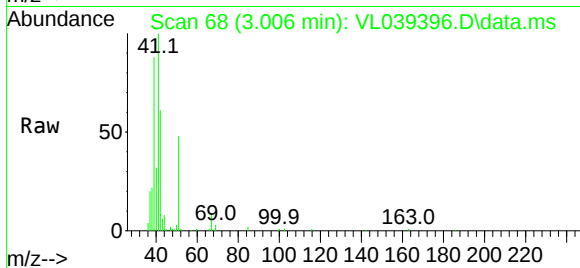
#9
 Propene
 Concen: 1.142 ppbv
 RT: 3.006 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 81510
 Ion Ratio Lower Upper
 41 100
 42 69.9 55.2 82.8

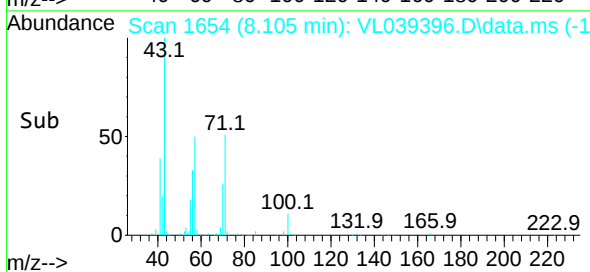
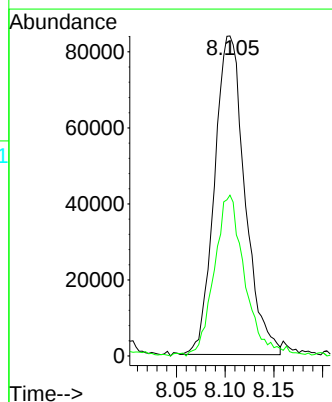
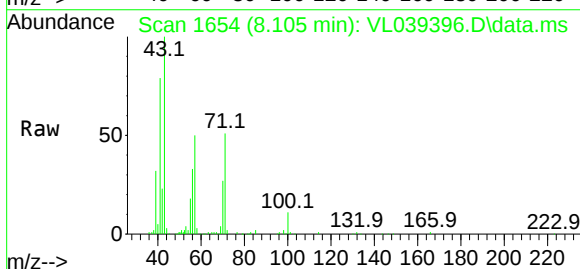
Manual Integrations
 APPROVED

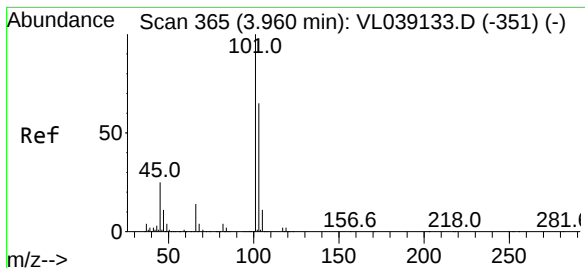
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#10
 Heptane
 Concen: 1.095 ppbv
 RT: 8.105 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

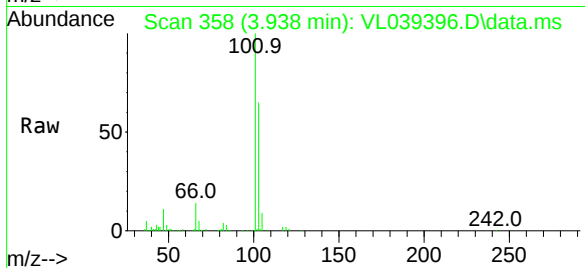
Tgt Ion: 43 Resp: 182269
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.5 60.7





#11
Trichlorofluoromethane
Concen: 1.020 ppbv
RT: 3.938 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

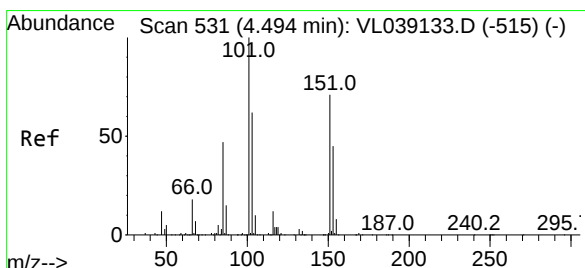
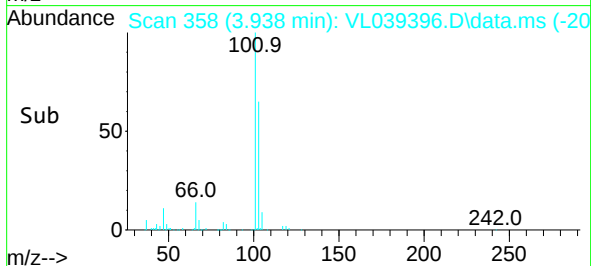
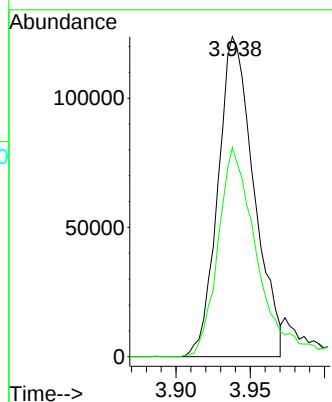
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:101 Resp: 20870
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

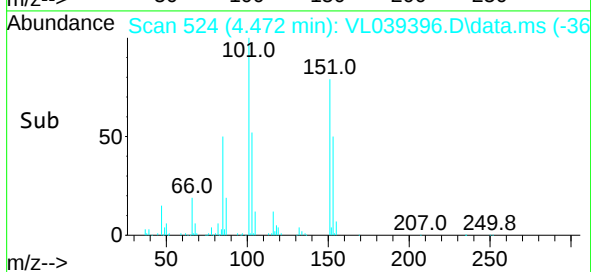
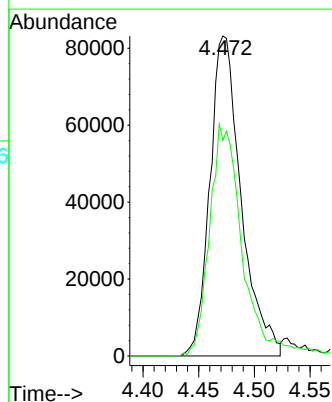
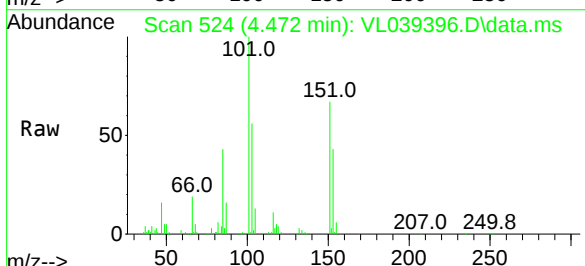
Manual Integrations
APPROVED

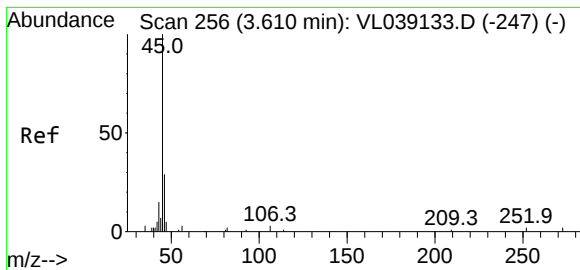
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.202 ppbv
RT: 4.472 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

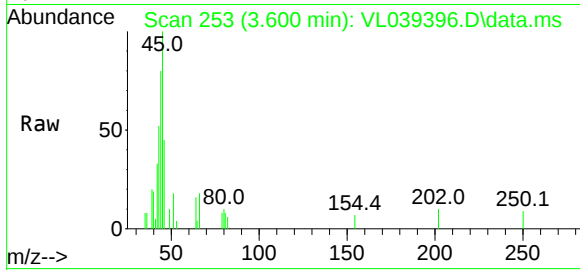
Tgt Ion:101 Resp: 162560
Ion Ratio Lower Upper
101 100
151 76.5 58.9 88.3





#13
Ethanol
Concen: 1.284 ppbv
RT: 3.600 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

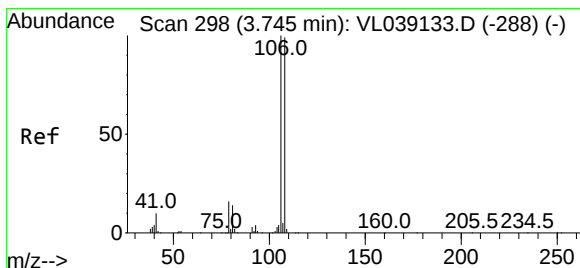
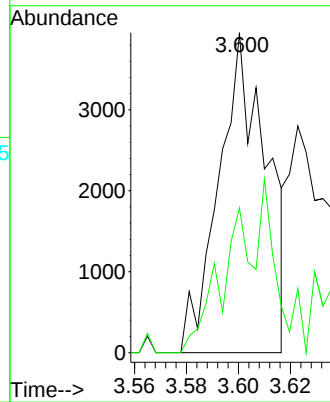
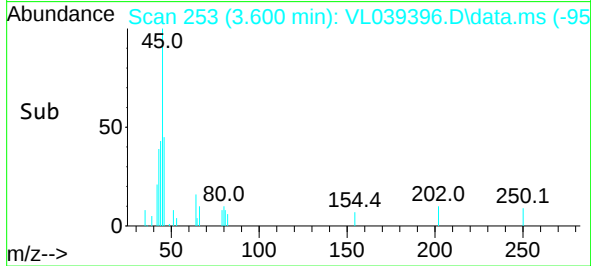
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



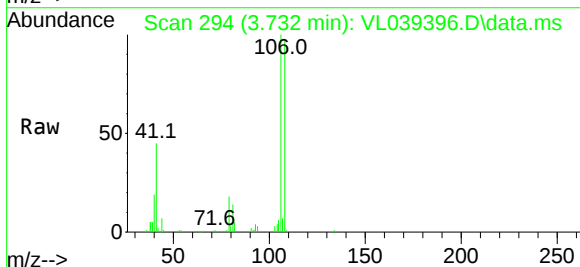
Tgt Ion: 45 Resp: 499
Ion Ratio Lower Upper
45 100
46 65.2 22.8 91.2

Manual Integrations
APPROVED

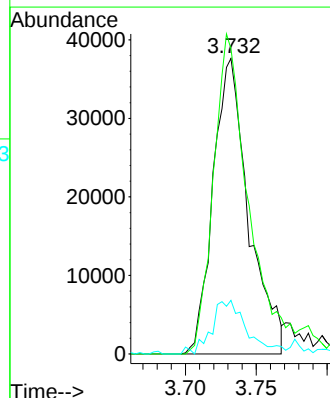
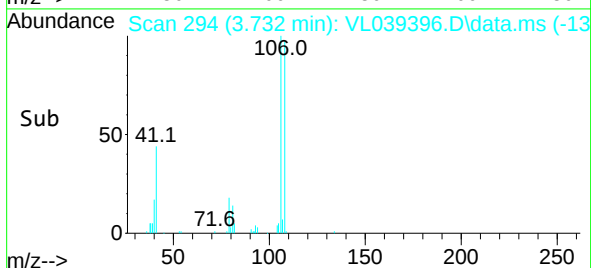
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

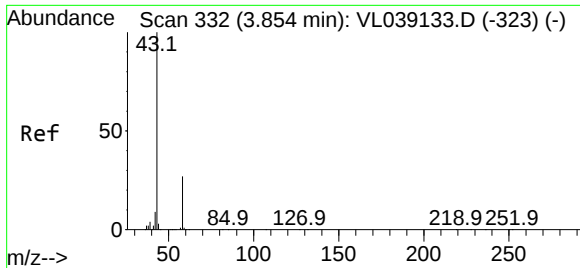


#14
Bromoethene
Concen: 1.077 ppbv
RT: 3.732 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



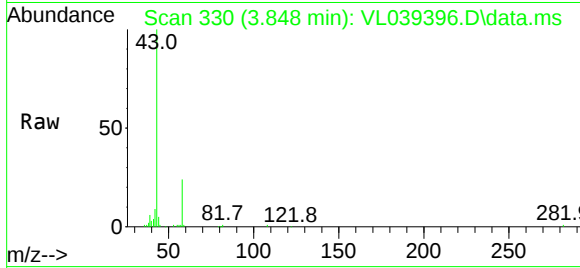
Tgt Ion:108 Resp: 65473
Ion Ratio Lower Upper
108 100
106 115.3 87.1 130.7
79 18.2 14.6 22.0





#15
Acetone
Concen: 1.261 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

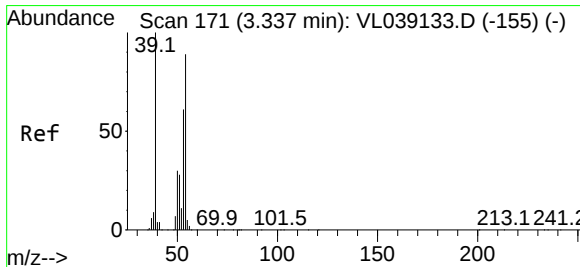
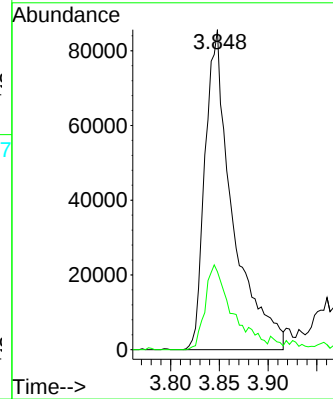
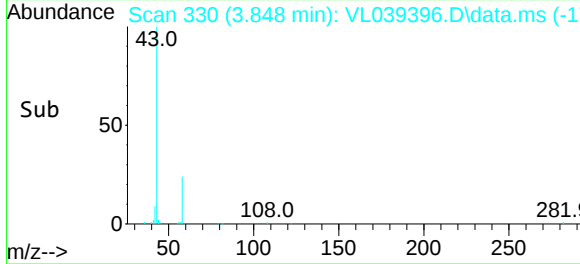
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 168929
Ion Ratio Lower Upper
43 100
58 28.7 21.0 31.6

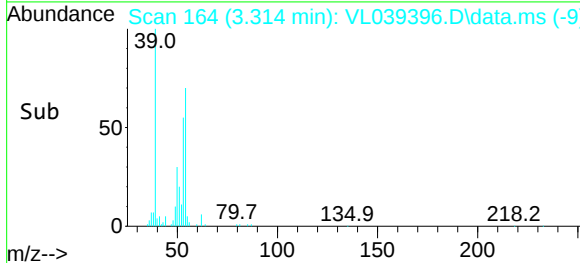
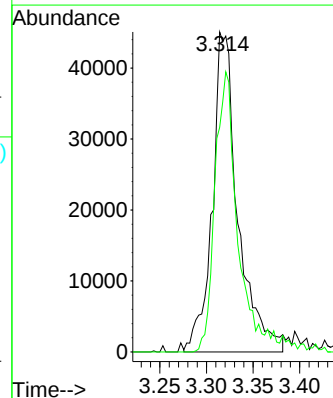
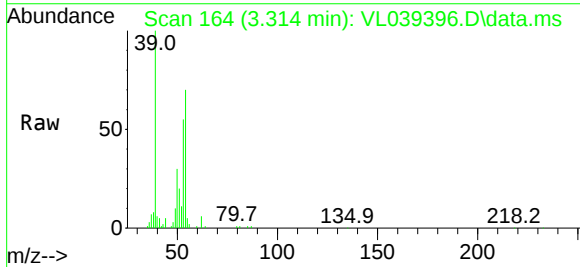
Manual Integrations
APPROVED

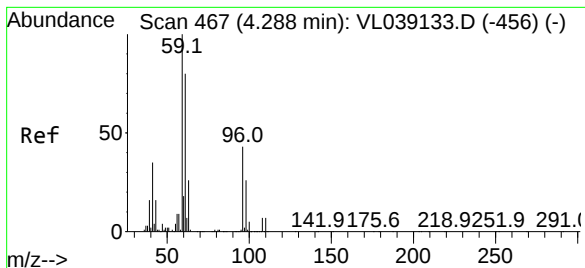
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#16
1,3-Butadiene
Concen: 1.193 ppbv m
RT: 3.314 min Scan# 164
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 39 Resp: 85956
Ion Ratio Lower Upper
39 100
54 0.0 63.7 95.5#





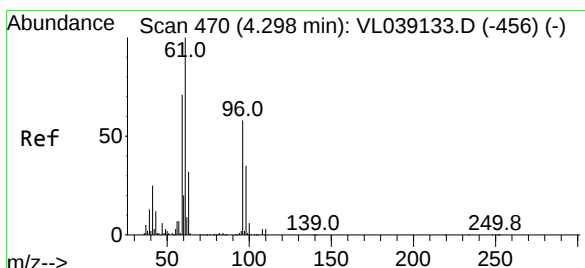
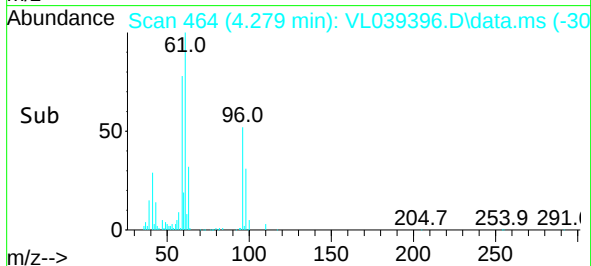
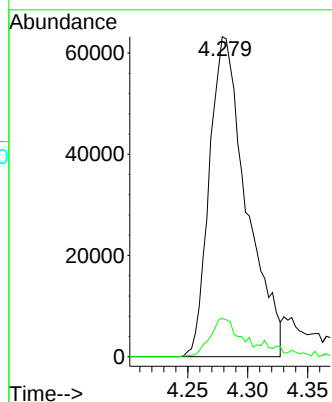
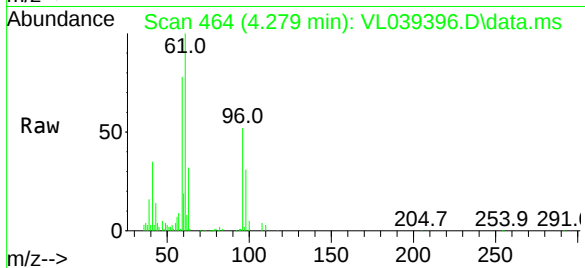
#17
tert-Butyl alcohol
Concen: 1.305 ppbv
RT: 4.279 min Scan# 464
Delta R.T. 0.010 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 13568
Ion Ratio Lower Upper
59 100
57 13.5 8.7 13.1

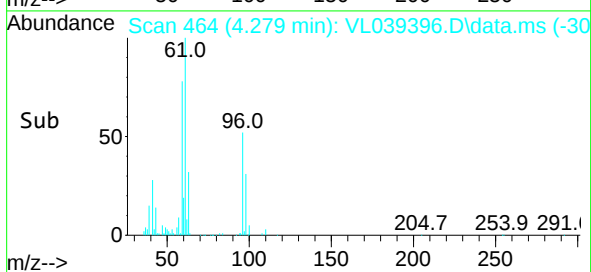
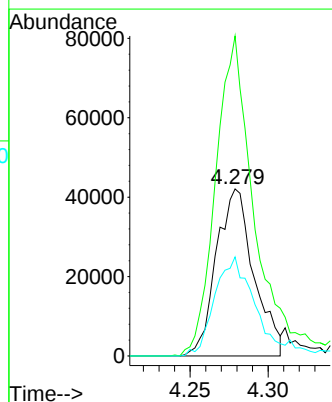
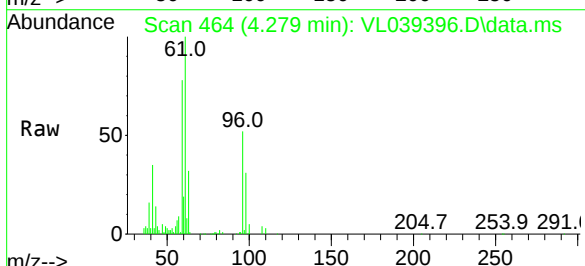
Manual Integrations
APPROVED

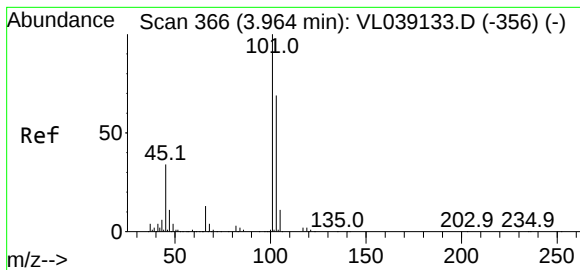
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#18
1,1-Dichloroethene
Concen: 1.163 ppbv
RT: 4.279 min Scan# 464
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

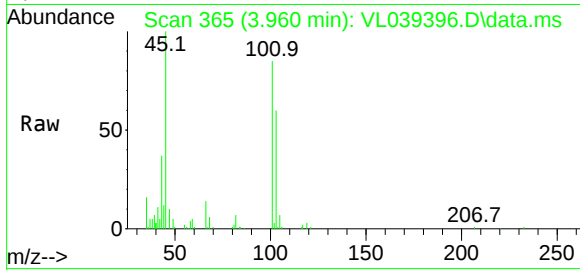
Tgt Ion: 96 Resp: 70549
Ion Ratio Lower Upper
96 100
61 191.6 152.2 228.4
98 59.3 51.8 77.6





#19
Isopropyl Alcohol
Concen: 1.273 ppbv
RT: 3.960 min Scan# 304
Delta R.T. 0.013 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

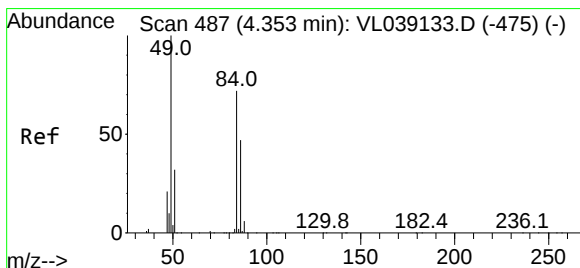
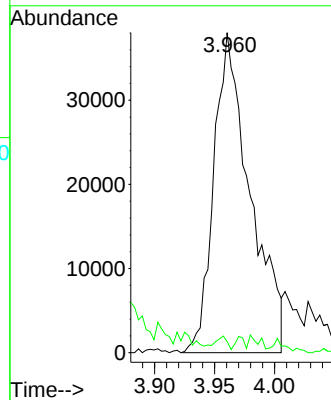
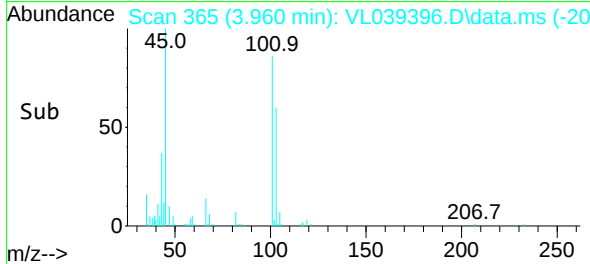
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



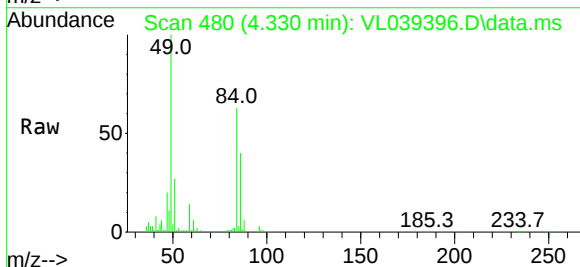
Tgt Ion: 45 Resp: 8004
Ion Ratio Lower Upper
45 100
58 2.9 3.2 4.8

Manual Integrations
APPROVED

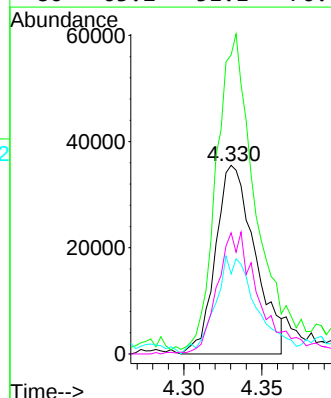
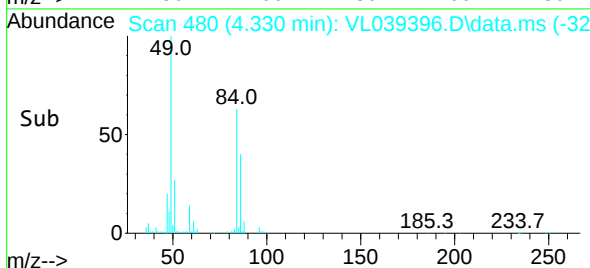
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

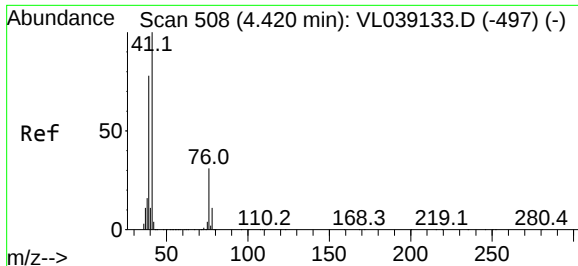


#20
Methylene Chloride
Concen: 1.108 ppbv
RT: 4.330 min Scan# 480
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



Tgt Ion: 84 Resp: 62554
Ion Ratio Lower Upper
84 100
49 156.2 123.1 184.7
51 42.4 34.4 51.6
86 63.2 51.1 76.7





#21

Allyl Chloride

Concen: 1.214 ppbv

RT: 4.404 min Scan# 508

Delta R.T. 0.006 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 10976

Ion Ratio Lower Upper

41 100

76 27.0 24.4 36.6

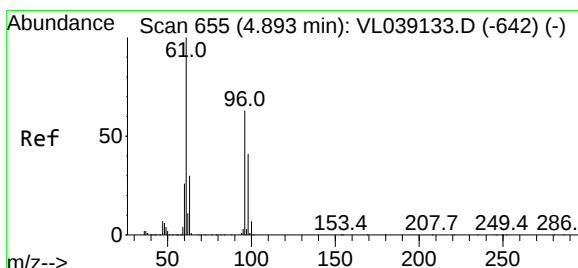
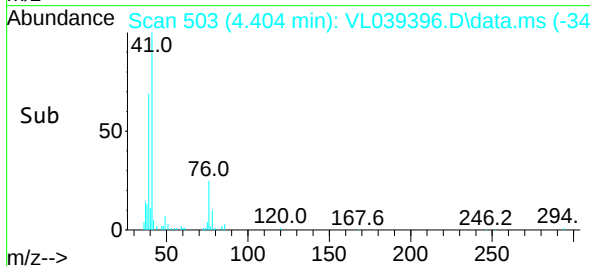
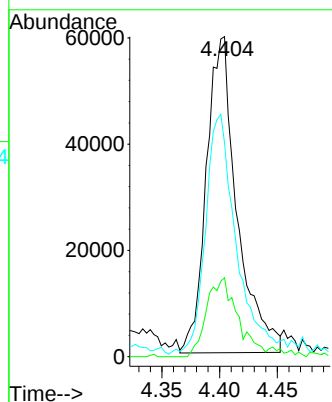
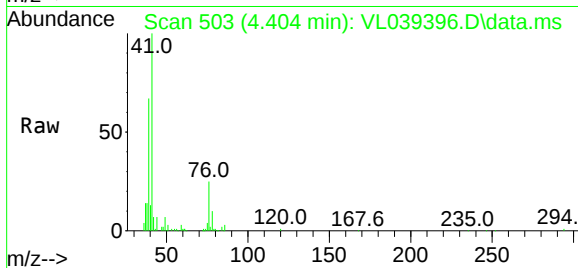
39 79.0 63.5 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#22

trans-1,2-Dichloroethene

Concen: 1.127 ppbv

RT: 4.870 min Scan# 648

Delta R.T. 0.000 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

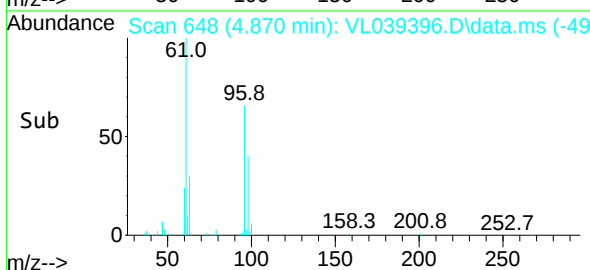
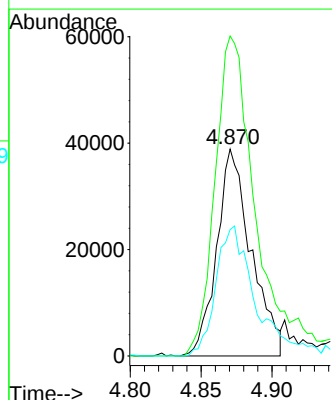
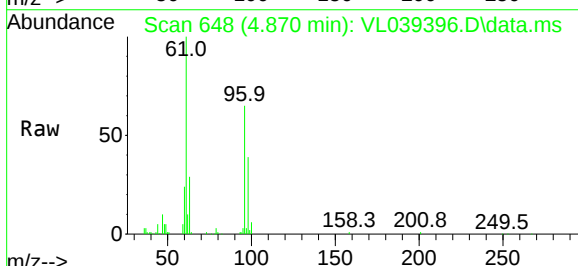
Tgt Ion: 96 Resp: 65815

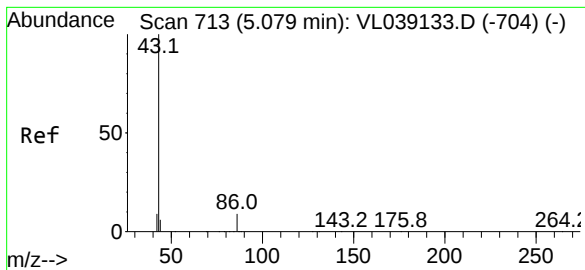
Ion Ratio Lower Upper

96 100

61 154.7 130.6 195.8

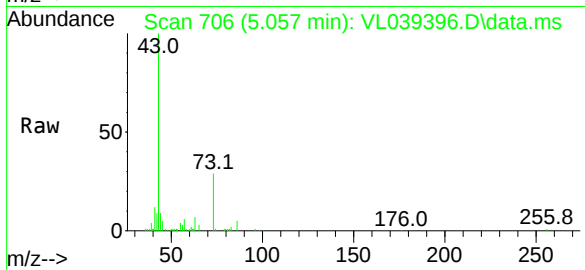
98 61.1 53.4 80.0





#23
 Vinyl Acetate
 Concen: 0.852 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

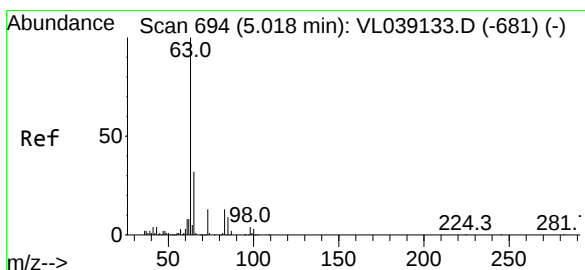
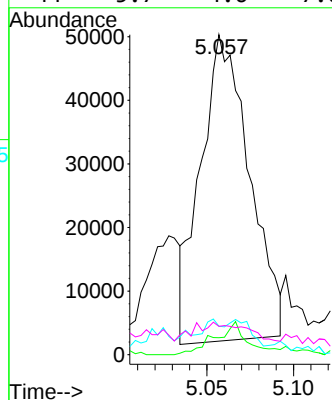
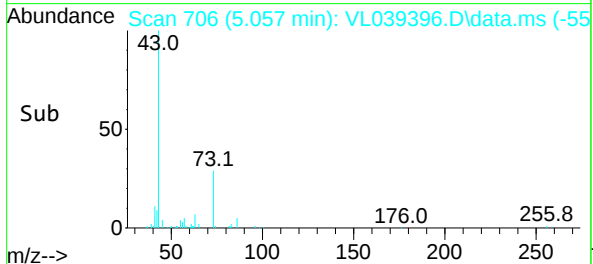


Tgt Ion: 43 Resp: 94430

Ion	Ratio	Lower	Upper
43	100		
86	6.0	5.0	7.6
42	5.8	7.7	11.5
44	5.7	4.6	7.0

Manual Integrations
 APPROVED

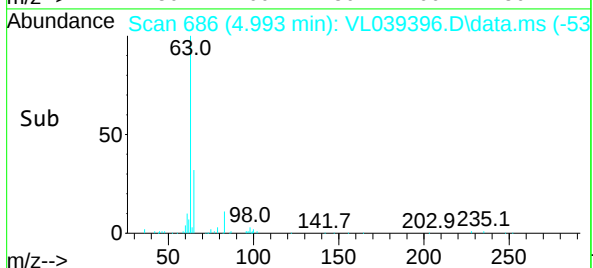
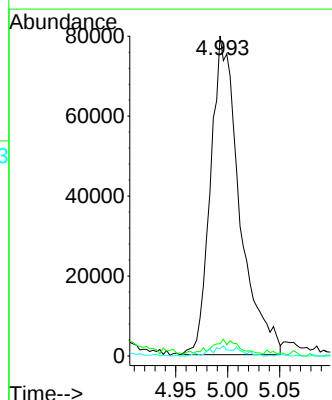
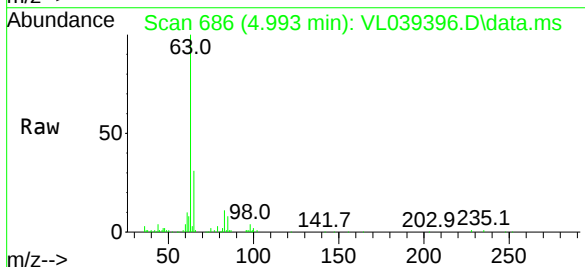
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

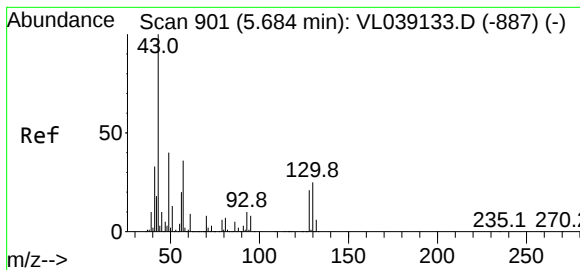


#24
 1,1-Dichloroethane
 Concen: 1.019 ppbv
 RT: 4.993 min Scan# 686
 Delta R.T. -0.003 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

Tgt Ion: 63 Resp: 154811

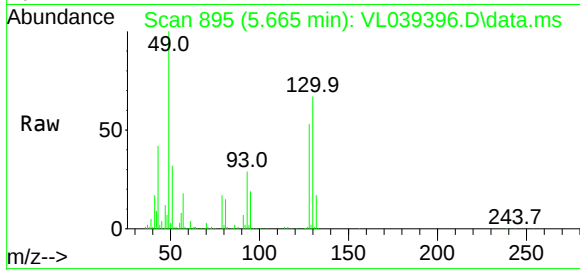
Ion	Ratio	Lower	Upper
63	100		
98	3.2	1.8	5.3
100	2.3	1.5	4.4





#25
Ethyl Acetate
Concen: 0.995 ppbv
RT: 5.665 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

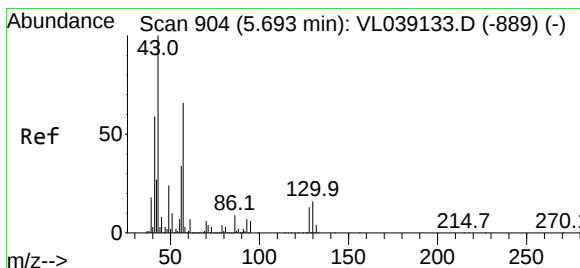
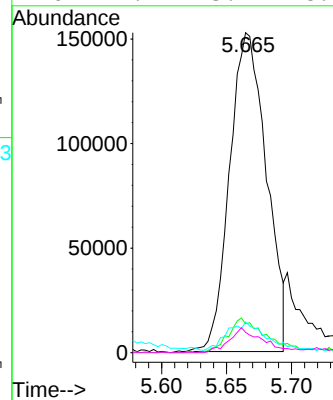
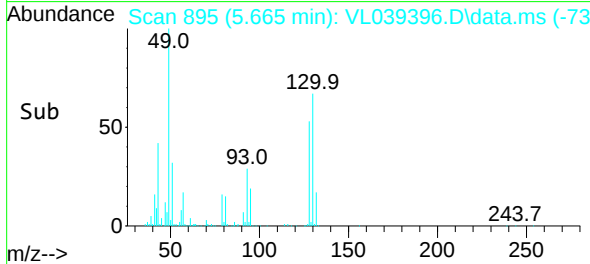
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



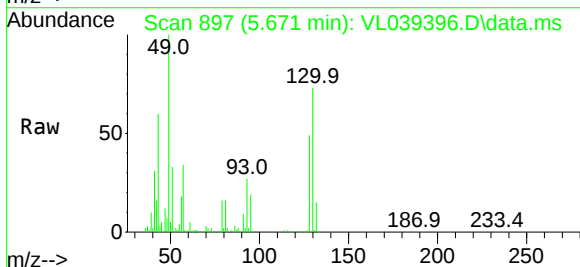
Tgt Ion: 43 Resp: 300532
Ion Ratio Lower Upper
43 100
45 12.2 8.2 12.4
61 12.0 8.3 12.5
70 7.2 5.9 8.9

Manual Integrations
APPROVED

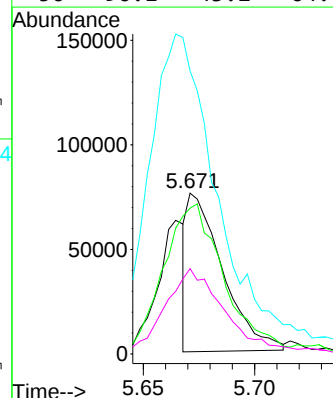
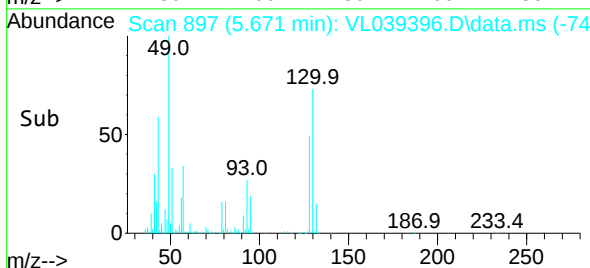
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

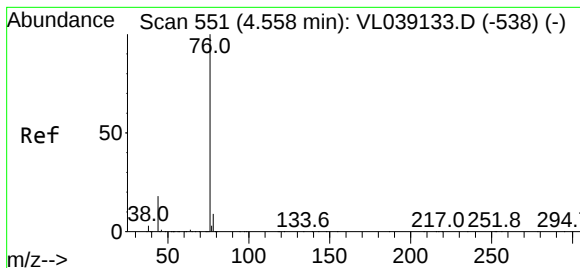


#26
Hexane
Concen: 0.630 ppbv
RT: 5.671 min Scan# 897
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



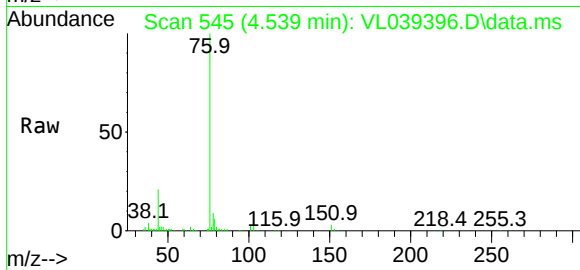
Tgt Ion: 57 Resp: 83675
Ion Ratio Lower Upper
57 100
41 174.9 76.9 115.3#
43 0.0 191.0 286.6#
56 96.1 43.2 64.8#





#27
Carbon Disulfide
Concen: 1.049 ppbv
RT: 4.539 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

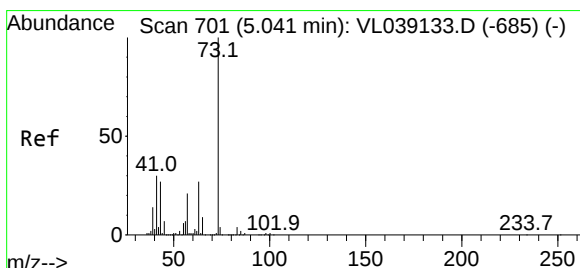
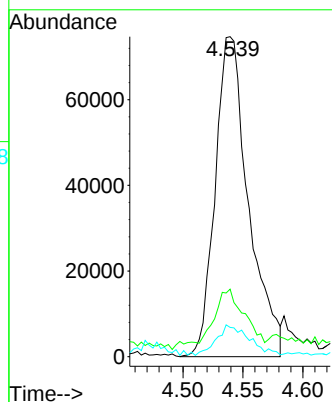
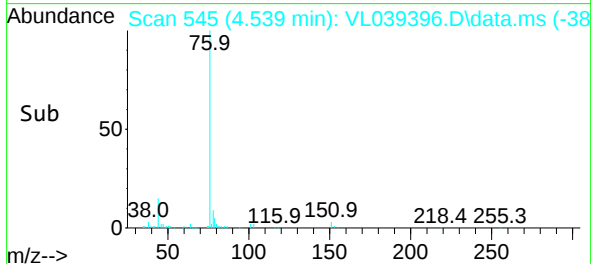
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 144292
Ion Ratio Lower Upper
76 100
44 20.6 14.6 21.8
78 11.4 7.8 11.6

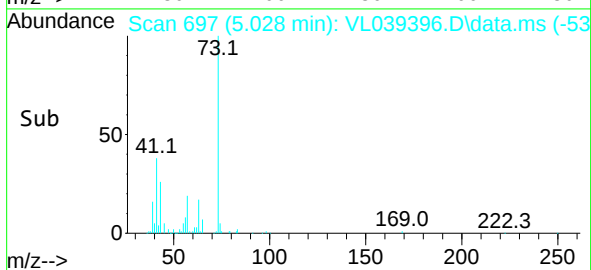
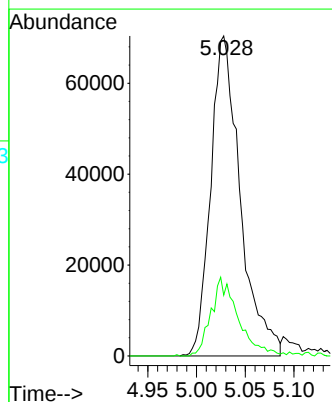
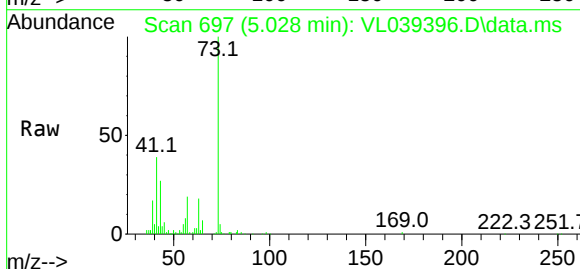
Manual Integrations
APPROVED

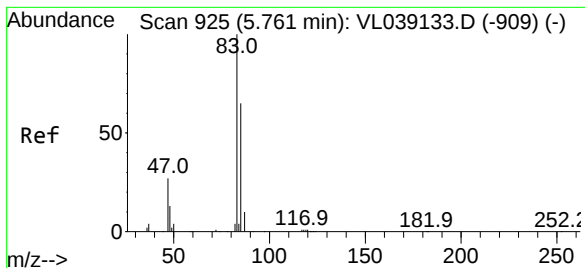
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#28
Methyl tert-Butyl Ether
Concen: 1.015 ppbv
RT: 5.028 min Scan# 697
Delta R.T. 0.010 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

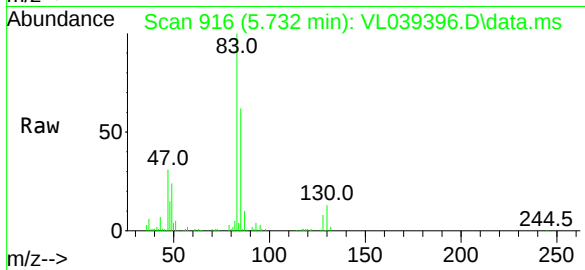
Tgt Ion: 73 Resp: 148678
Ion Ratio Lower Upper
73 100
57 23.5 19.8 29.8





#29
Chloroform
Concen: 1.052 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

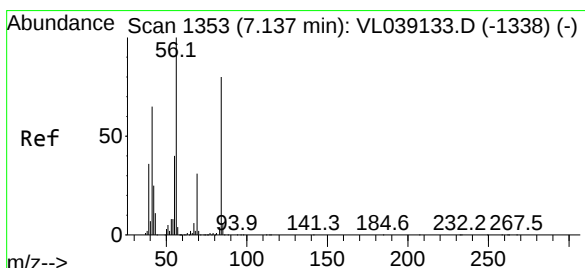
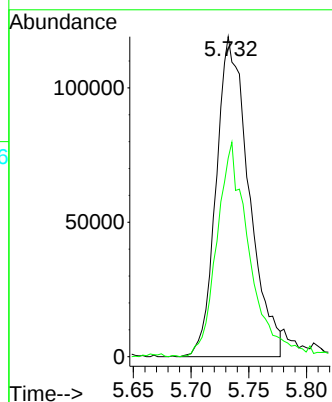
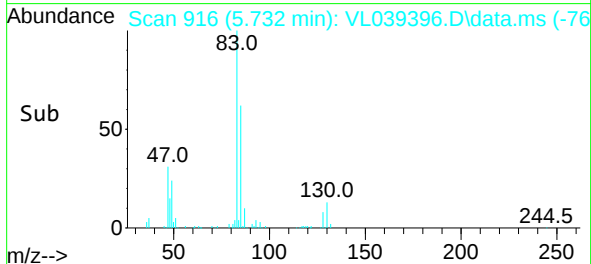
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



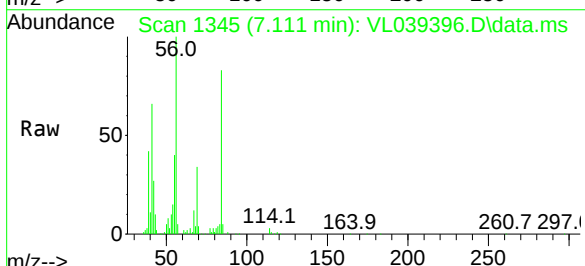
Tgt Ion: 83 Resp: 23505
Ion Ratio Lower Upper
83 100
85 62.1 52.8 79.2

Manual Integrations
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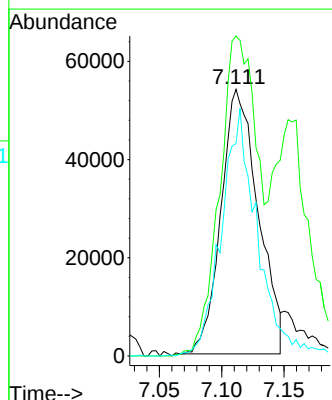
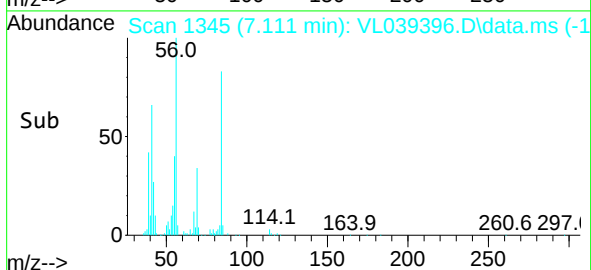
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

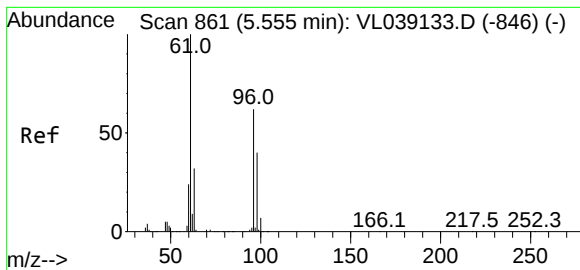


#30
Cyclohexane
Concen: 1.004 ppbv
RT: 7.111 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



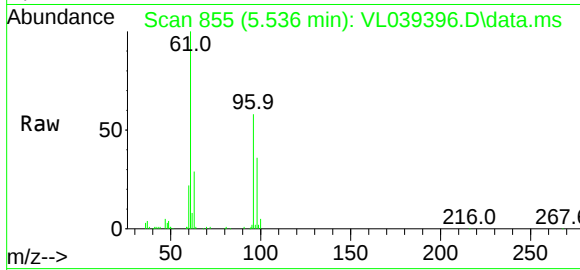
Tgt Ion: 84 Resp: 111951
Ion Ratio Lower Upper
84 100
56 131.9 107.7 161.5
41 90.9 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 1.022 ppbv
 RT: 5.536 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

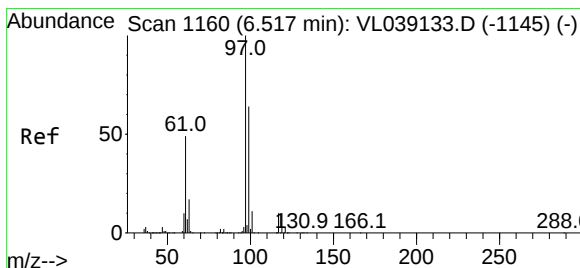
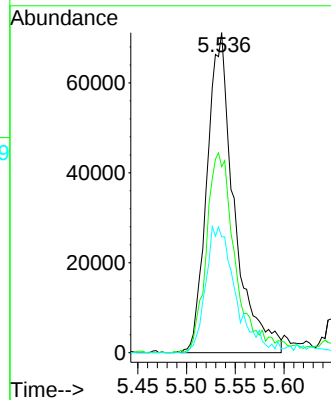
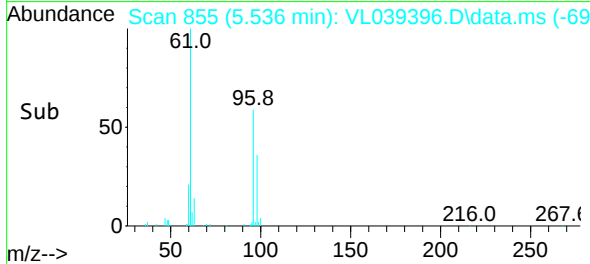
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



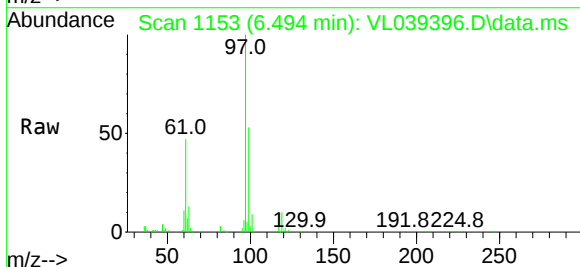
Tgt Ion: 61 Resp: 138378
 Ion Ratio Lower Upper
 61 100
 96 57.4 54.1 81.1
 98 36.2 34.6 52.0

Manual Integrations
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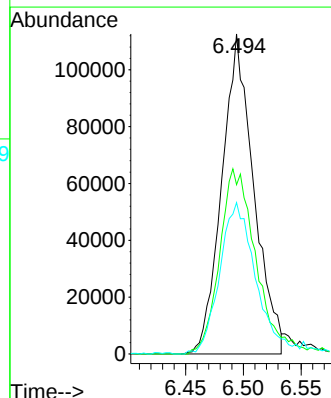
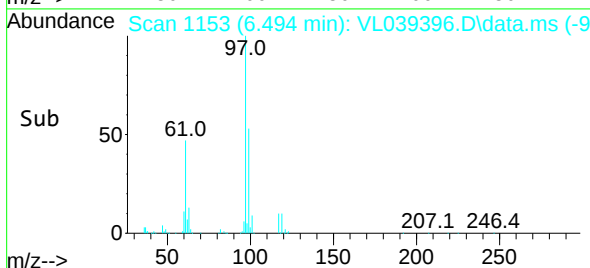
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

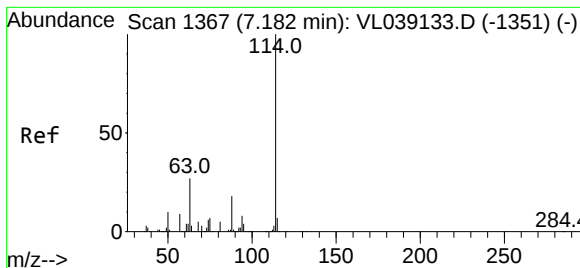


#32
 1,1,1-Trichloroethane
 Concen: 0.989 ppbv
 RT: 6.494 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06



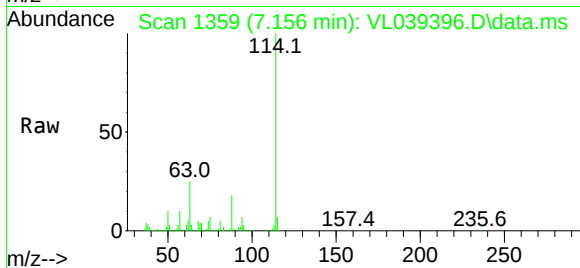
Tgt Ion: 97 Resp: 216143
 Ion Ratio Lower Upper
 97 100
 99 67.2 52.3 78.5
 61 55.7 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

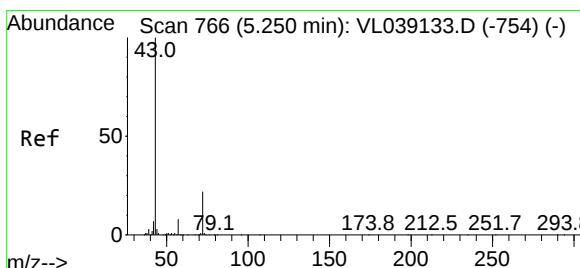
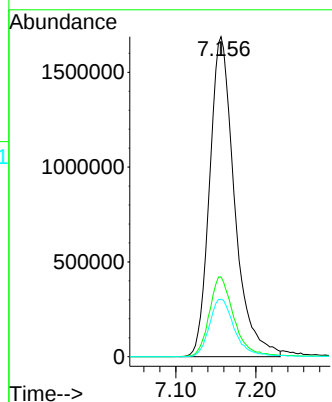
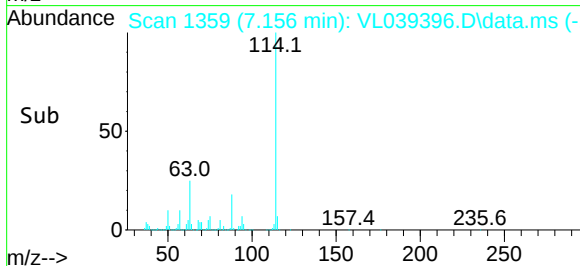
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



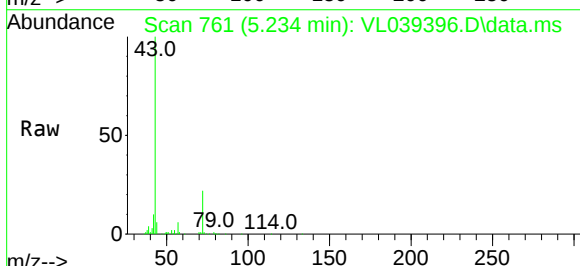
Tgt Ion:114 Resp: 365184
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.5 14.5 21.7

Manual Integrations
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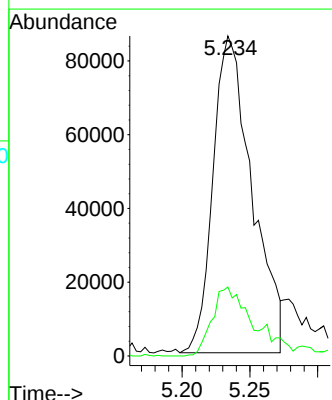
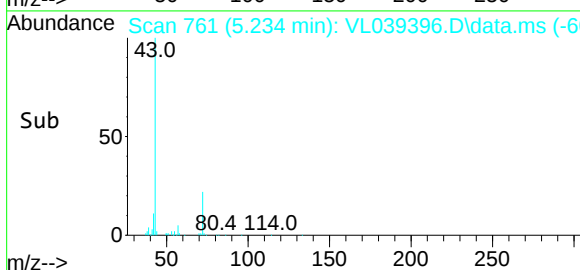
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

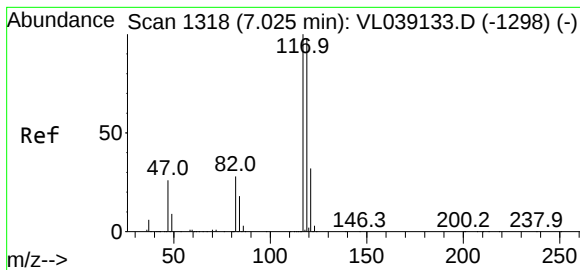


#34
2-Butanone
Concen: 0.866 ppbv
RT: 5.234 min Scan# 761
Delta R.T. 0.010 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



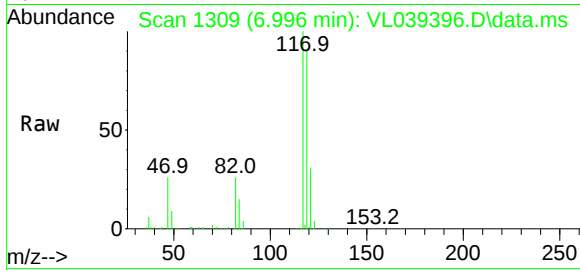
Tgt Ion: 43 Resp: 171900
Ion Ratio Lower Upper
43 100
72 26.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.843 ppbv
RT: 6.996 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

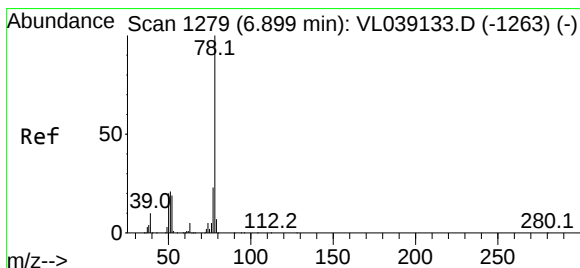
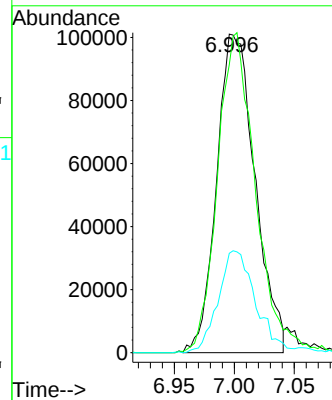
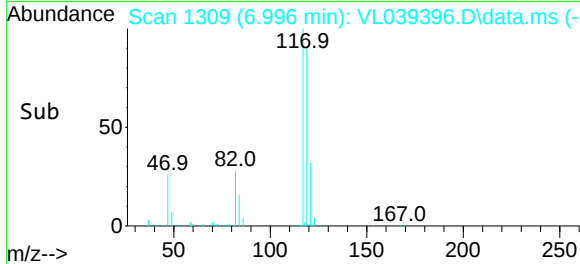
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 22462
Ion Ratio Lower Upper
117 100
119 90.0 75.4 113.2
121 31.2 24.2 36.2

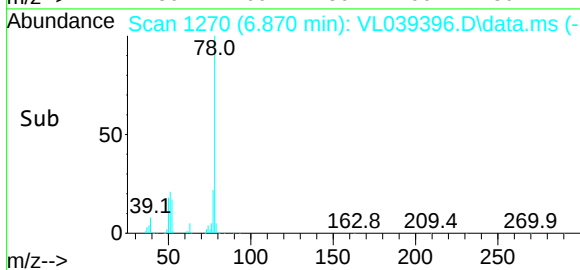
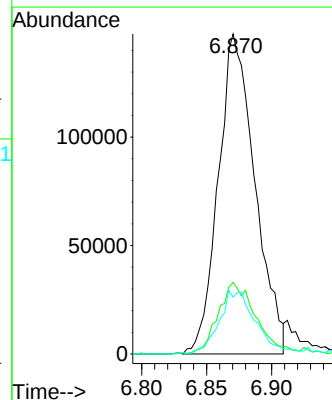
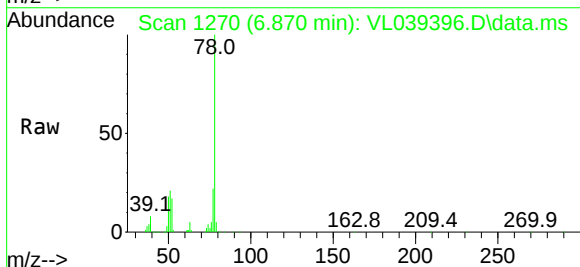
Manual Integrations
APPROVED

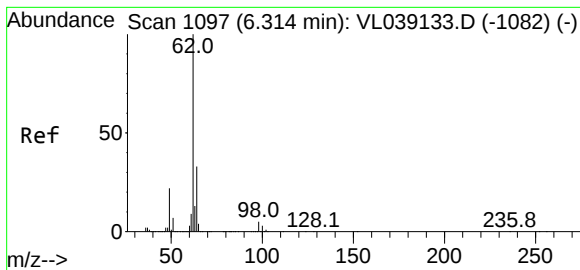
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#36
Benzene
Concen: 0.977 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

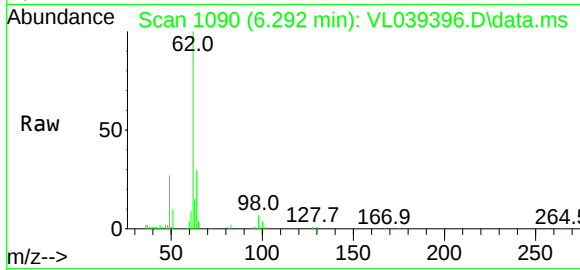
Tgt Ion: 78 Resp: 289516
Ion Ratio Lower Upper
78 100
77 22.1 20.3 30.5
50 17.1 15.5 23.3





#37
1,2-Dichloroethane
Concen: 0.927 ppbv m
RT: 6.292 min Scan# 1097
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

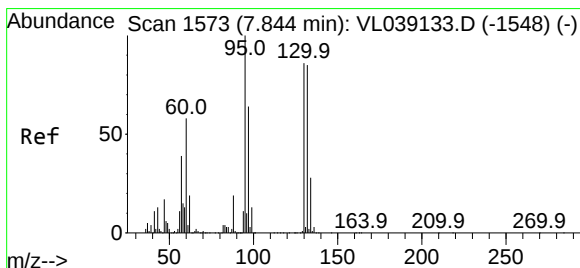
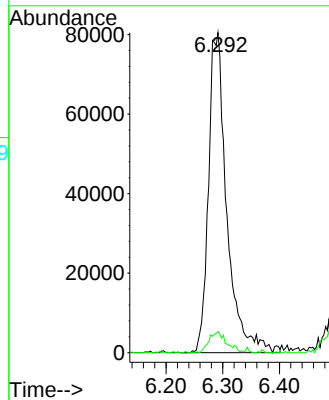
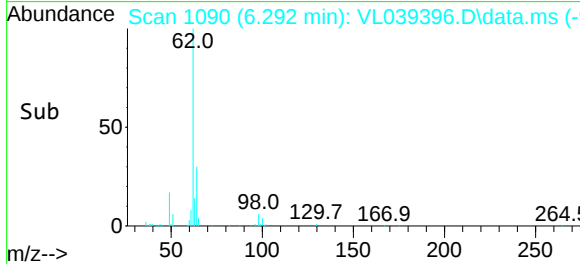
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 62 Resp: 180798
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

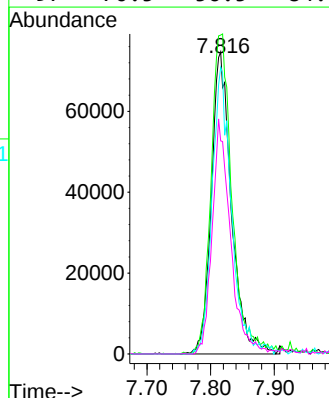
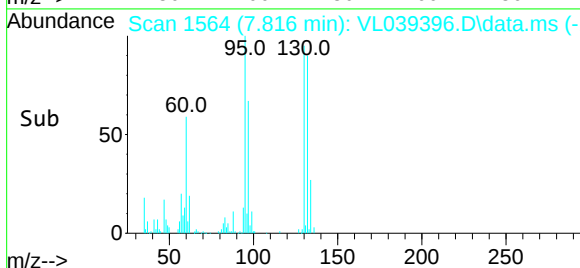
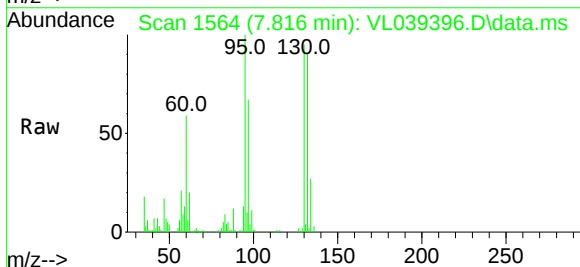
Manual Integrations
APPROVED

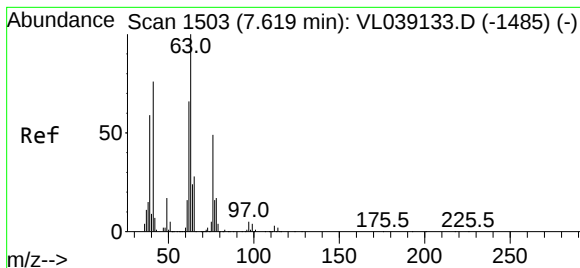
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 1.204 ppbv m
RT: 7.816 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

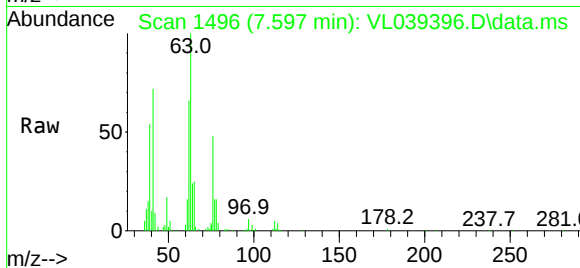
Tgt Ion:130 Resp: 163995
Ion Ratio Lower Upper
130 100
95 105.6 87.3 130.9
132 94.9 76.7 115.1
97 70.5 56.5 84.7





#39
1,2-Dichloropropane
Concen: 0.937 ppbv
RT: 7.597 min Scan# 1496
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

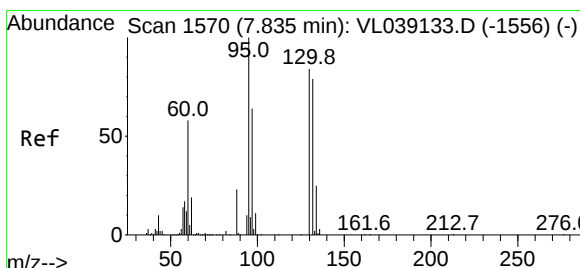
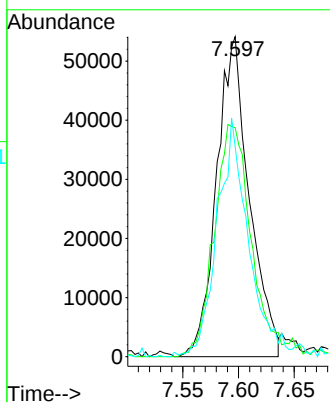
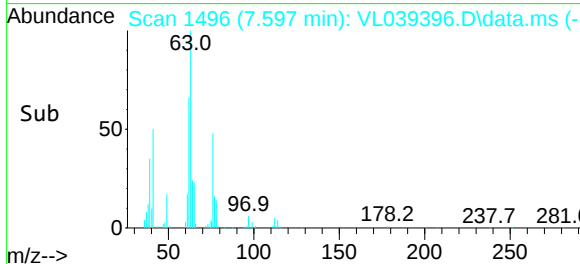
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 63 Resp: 11051
Ion Ratio Lower Upper
63 100
41 71.5 59.6 89.4
62 64.9 51.4 77.0

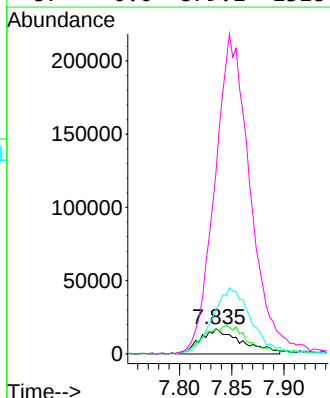
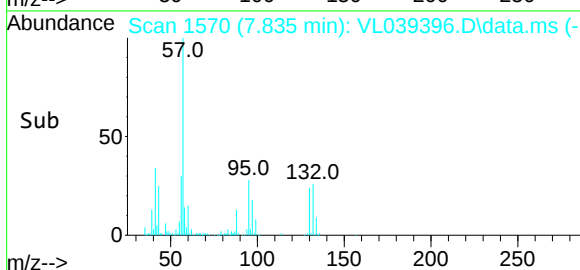
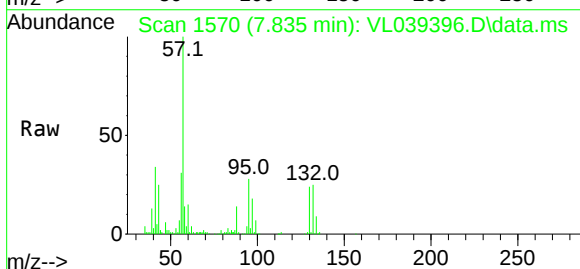
Manual Integrations
APPROVED

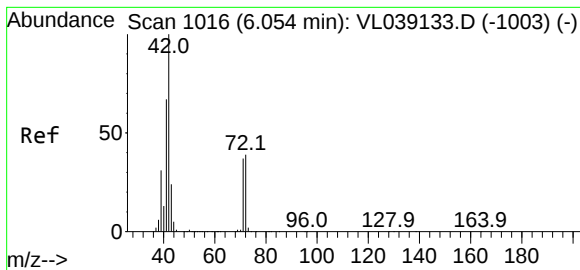
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#40
1,4-Dioxane
Concen: 1.221 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. 0.026 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

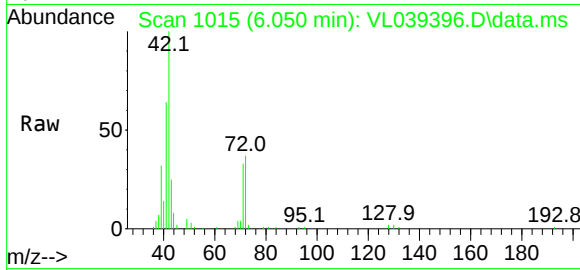
Tgt Ion: 88 Resp: 47388
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 0.883 ppbv
RT: 6.050 min Scan# 1016
Delta R.T. 0.023 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

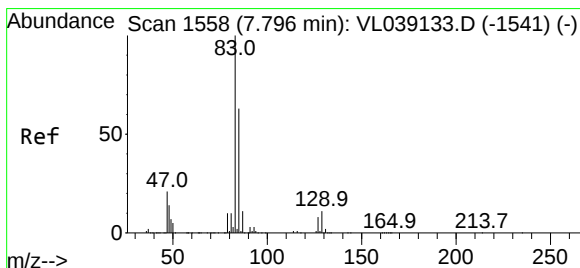
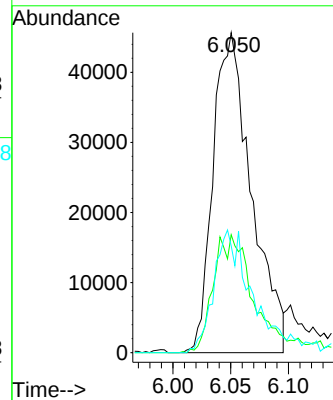
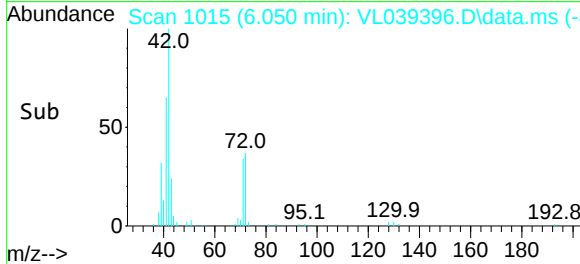
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 10535
Ion Ratio Lower Upper
42 100
72 42.2 31.8 47.8
71 41.5 31.8 47.8

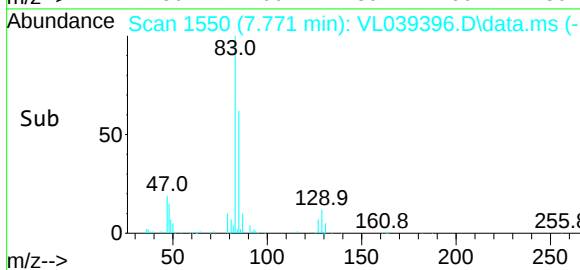
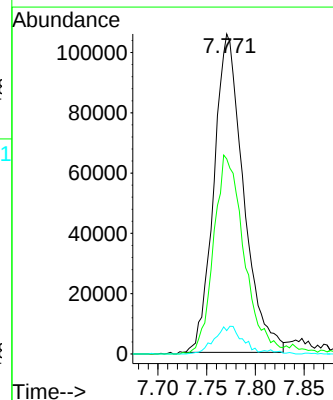
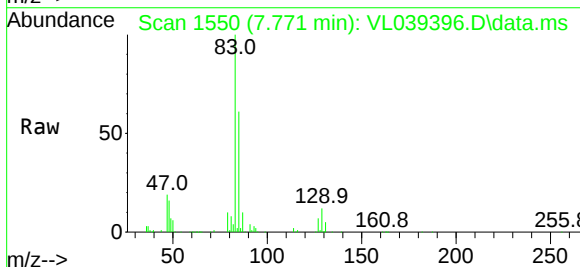
Manual Integrations
APPROVED

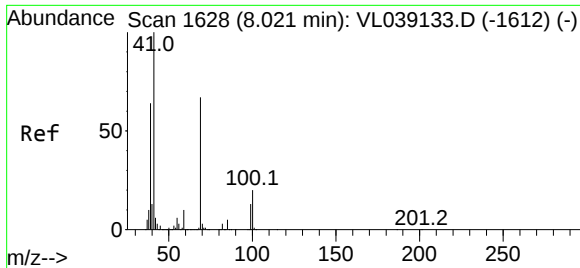
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#42
Bromodichloromethane
Concen: 0.825 ppbv
RT: 7.771 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 83 Resp: 223511
Ion Ratio Lower Upper
83 100
85 60.8 50.7 76.1
127 7.3 6.6 9.8





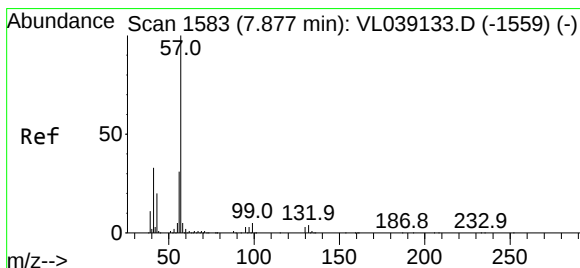
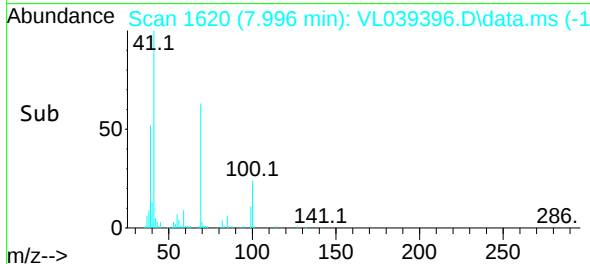
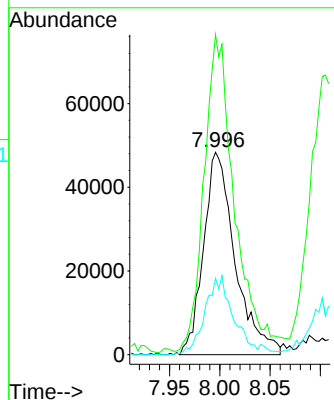
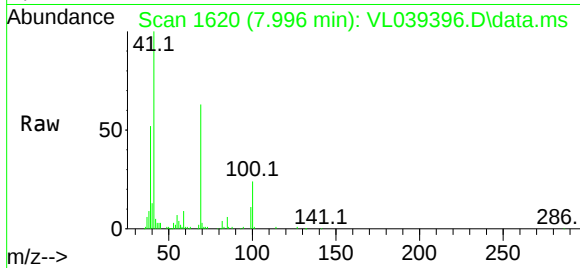
#43
Methyl Methacrylate
Concen: 0.916 ppbv
RT: 7.996 min Scan# 105774
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 105774
Ion Ratio Lower Upper
69 100
41 153.4 120.8 181.2
100 35.9 27.8 41.6

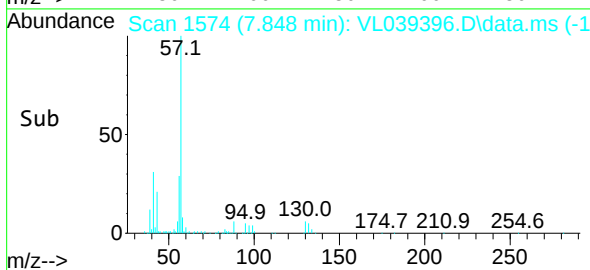
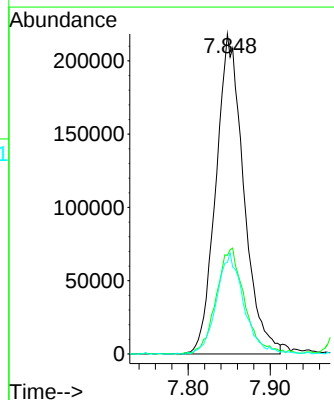
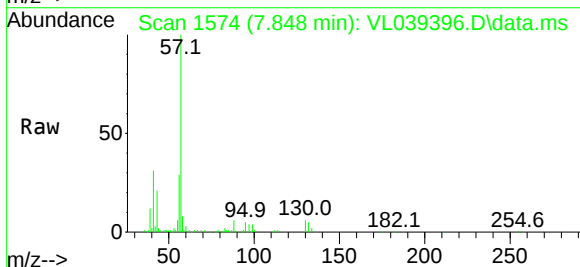
Manual Integrations
APPROVED

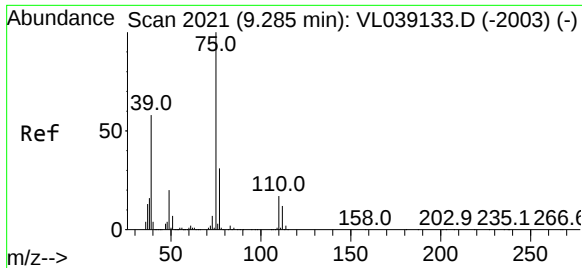
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#44
2,2,4-Trimethylpentane
Concen: 0.990 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 57 Resp: 513565
Ion Ratio Lower Upper
57 100
41 34.1 27.4 41.2
56 31.1 24.5 36.7





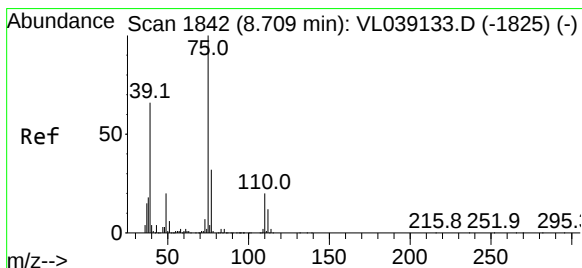
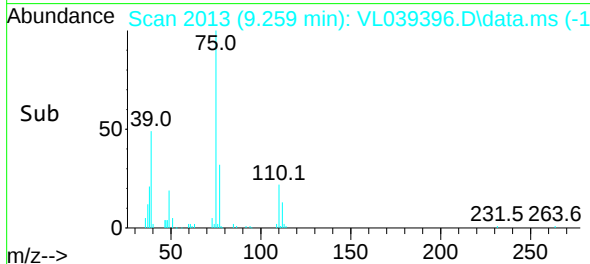
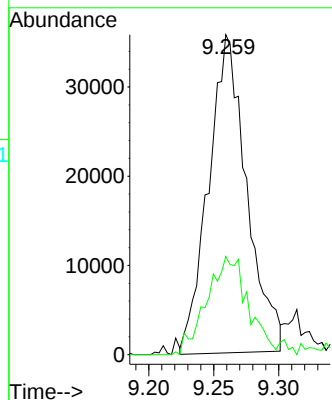
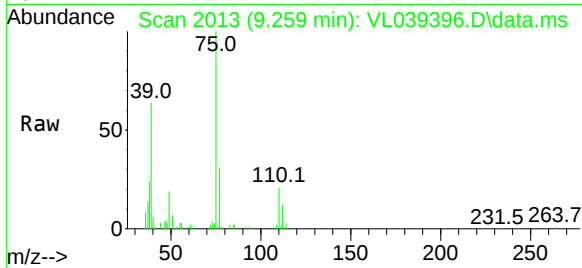
#45
t-1,3-Dichloropropene
Concen: 0.608 ppbv
RT: 9.259 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 7308
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8

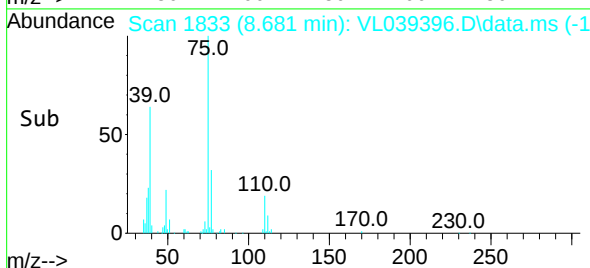
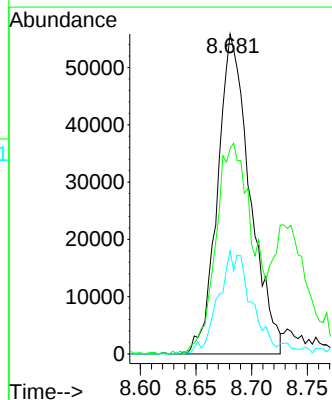
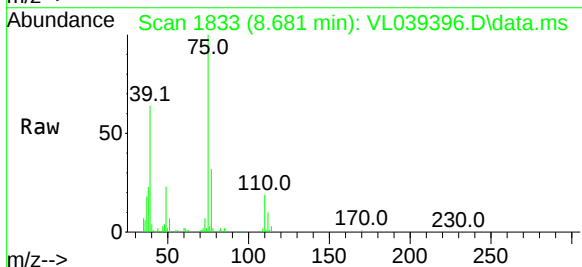
Manual Integrations
APPROVED

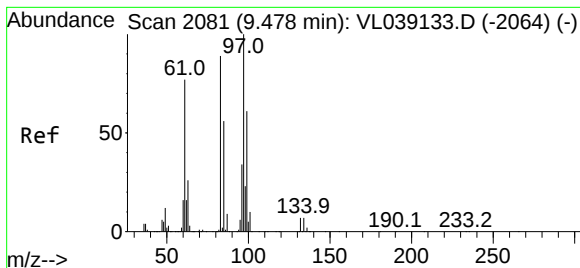
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#46
cis-1,3-Dichloropropene
Concen: 0.709 ppbv
RT: 8.681 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

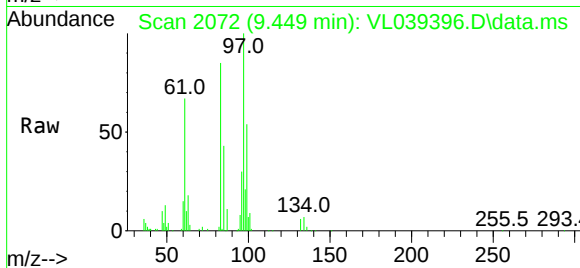
Tgt Ion: 75 Resp: 112634
Ion Ratio Lower Upper
75 100
39 63.3 55.0 82.4
77 32.2 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 1.018 ppbv m
RT: 9.449 min Scan# 2081
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

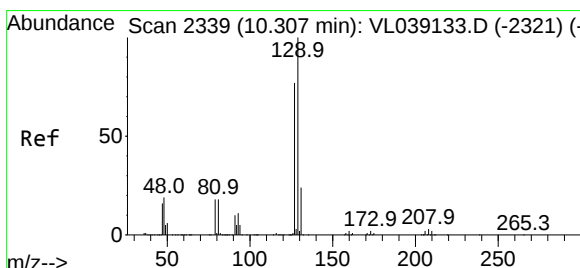
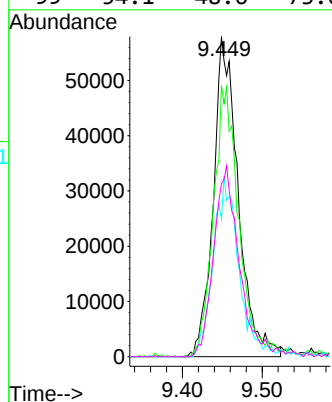
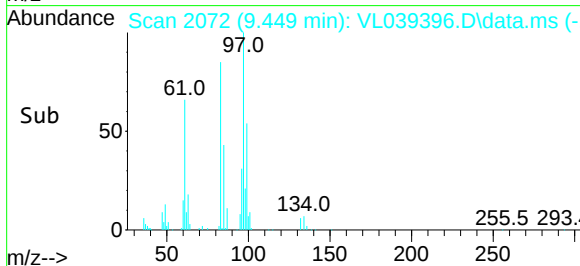
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



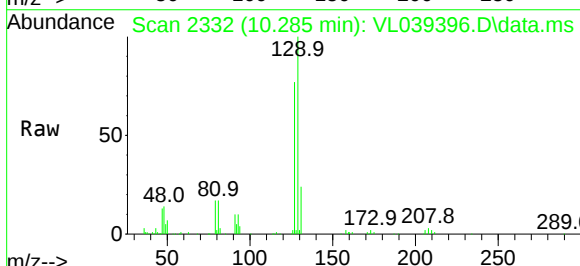
Tgt Ion: 97 Resp: 12520
Ion Ratio Lower Upper
97 100
83 84.7 67.4 101.0
85 43.1 45.1 67.7
99 54.1 48.6 73.0

Manual Integrations
APPROVED

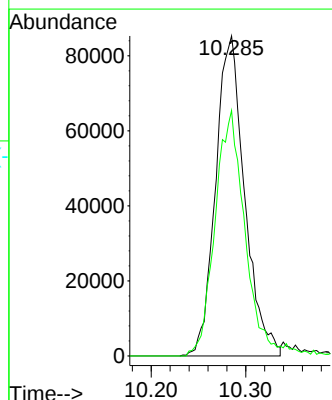
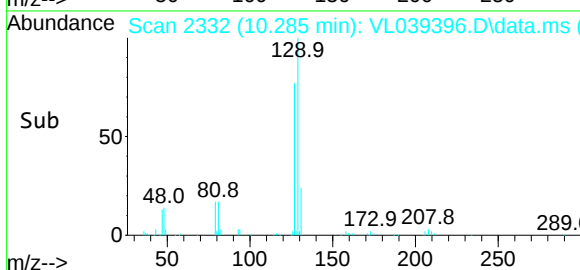
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

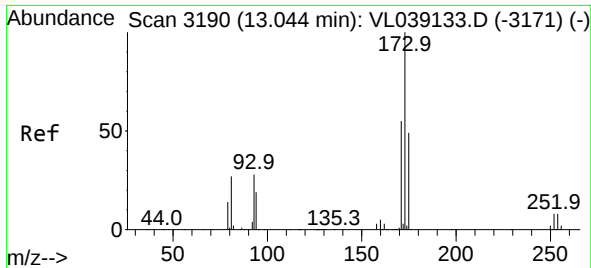


#48
Dibromochloromethane
Concen: 0.828 ppbv
RT: 10.285 min Scan# 2332
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



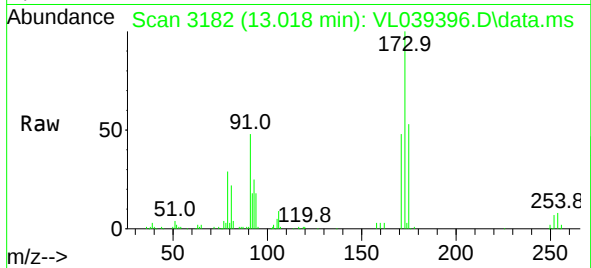
Tgt Ion:129 Resp: 181908
Ion Ratio Lower Upper
129 100
127 80.2 39.3 117.9





#49
Bromoform
Concen: 0.735 ppbv
RT: 13.018 min Scan# 3190
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

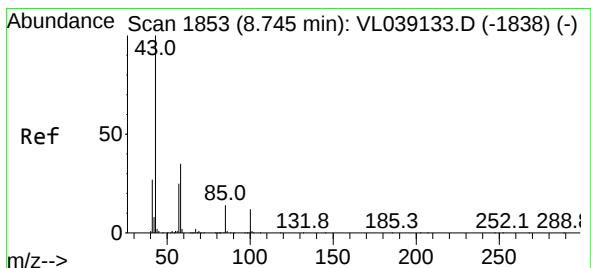
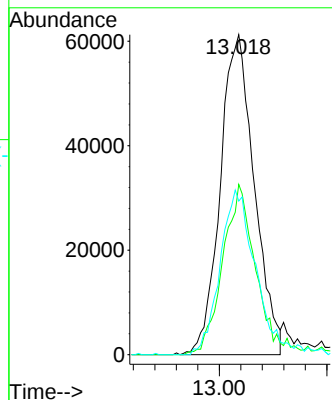
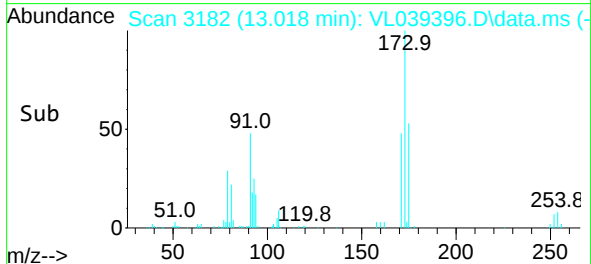
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



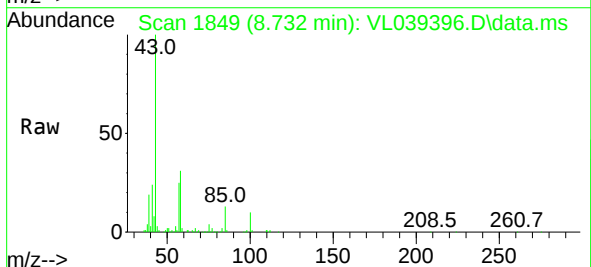
Tgt Ion:173 Resp: 134640
Ion Ratio Lower Upper
173 100
175 52.0 40.3 60.5
171 54.7 42.9 64.3

Manual Integrations
APPROVED

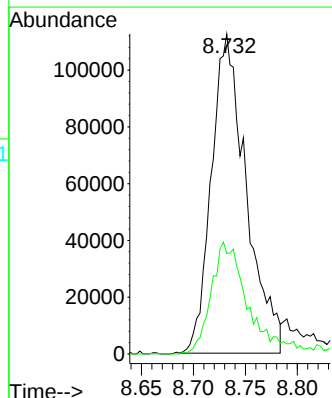
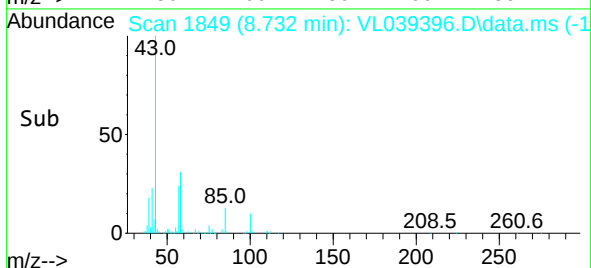
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

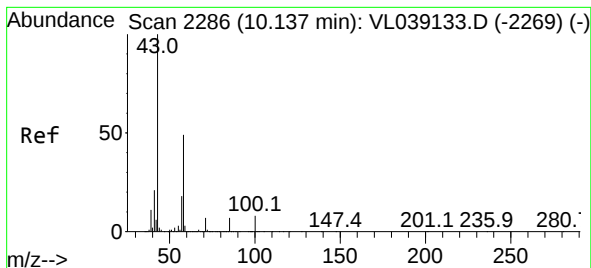


#50
4-Methyl-2-Pentanone
Concen: 0.883 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. 0.013 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



Tgt Ion: 43 Resp: 262341
Ion Ratio Lower Upper
43 100
58 37.7 28.8 43.2





#51

2-Hexanone

Concen: 0.892 ppbv m

RT: 10.124 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 20614

Ion Ratio Lower Upper

43 100

58 44.7 38.4 57.6

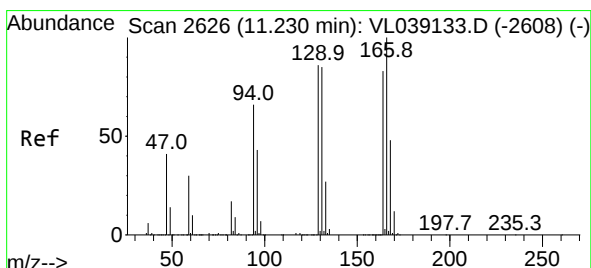
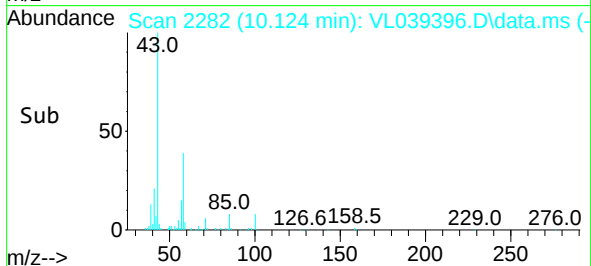
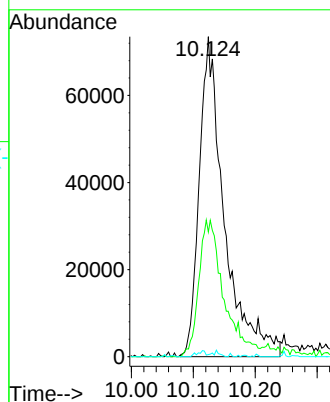
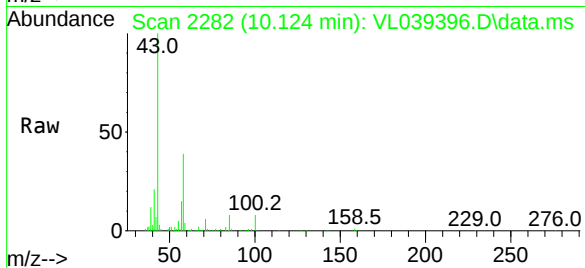
98 0.1 0.3 0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#52

Tetrachloroethene

Concen: 0.989 ppbv

RT: 11.201 min Scan# 2617

Delta R.T. 0.003 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Tgt Ion:164 Resp: 114512

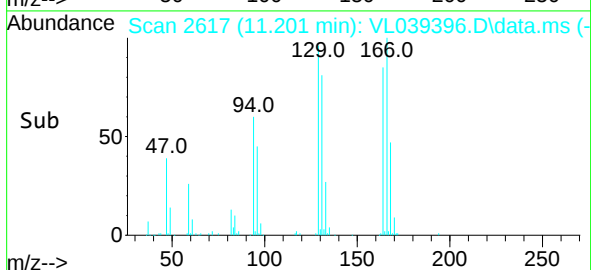
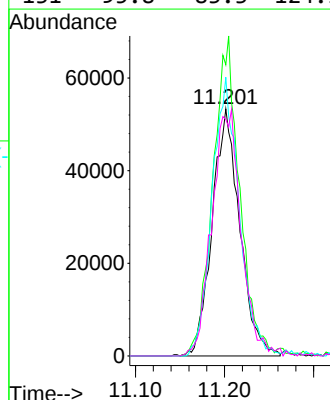
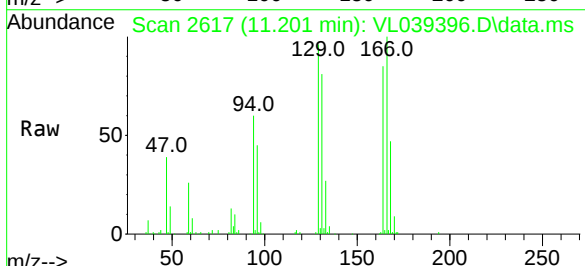
Ion Ratio Lower Upper

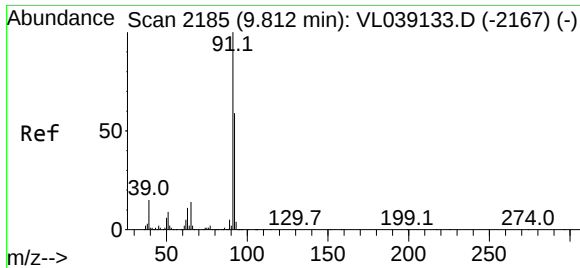
164 100

166 117.9 102.2 153.2

129 112.8 85.8 128.8

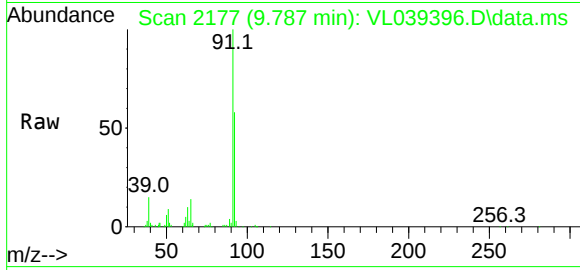
131 95.8 83.3 124.9





#53
Toluene
Concen: 0.959 ppbv
RT: 9.787 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

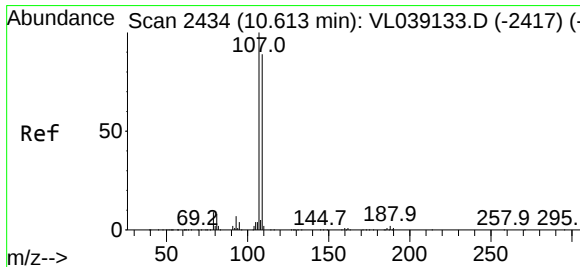
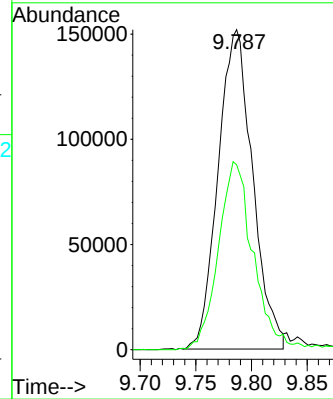
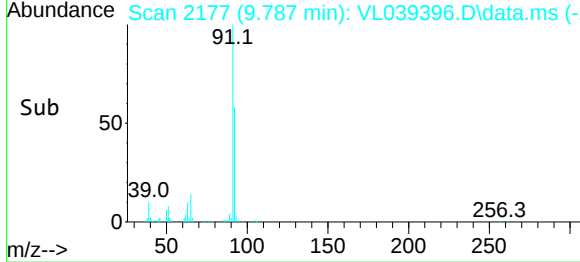
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



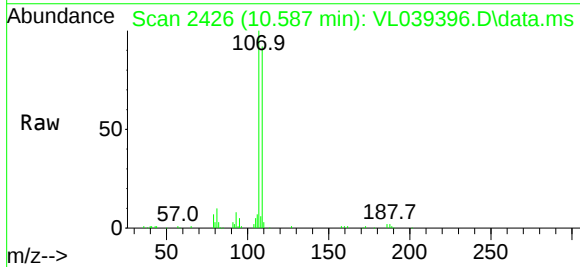
Tgt Ion: 91 Resp: 32734
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.2

Manual Integrations
APPROVED

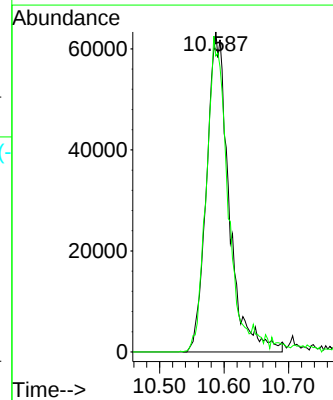
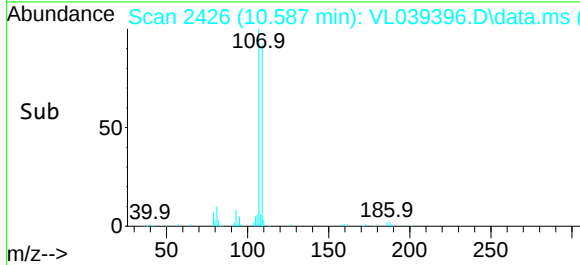
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

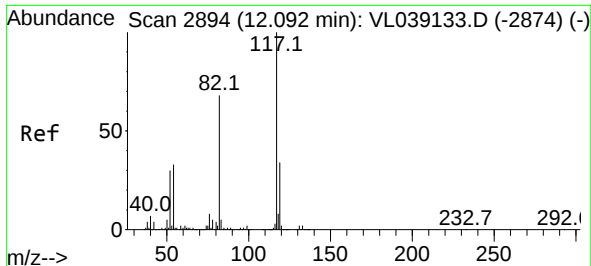


#54
1,2-Dibromoethane
Concen: 0.934 ppbv m
RT: 10.587 min Scan# 2426
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



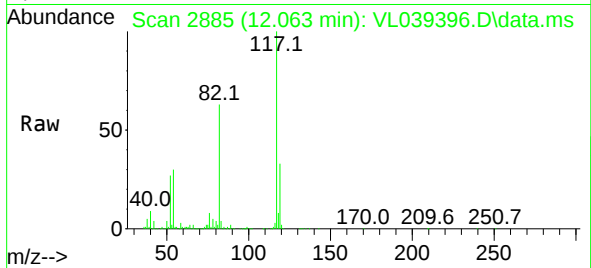
Tgt Ion:107 Resp: 154435
Ion Ratio Lower Upper
107 100
109 92.5 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

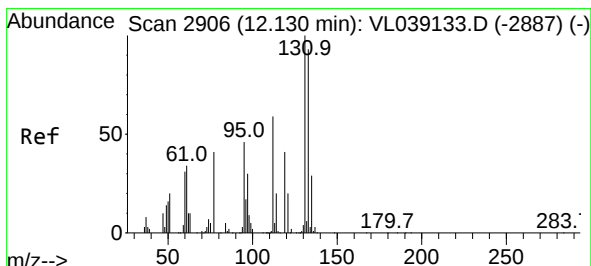
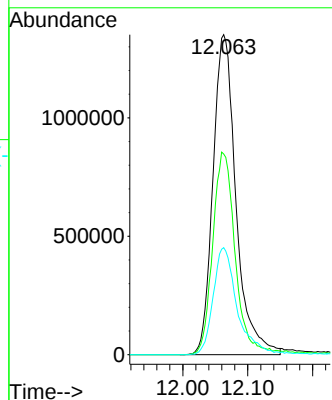
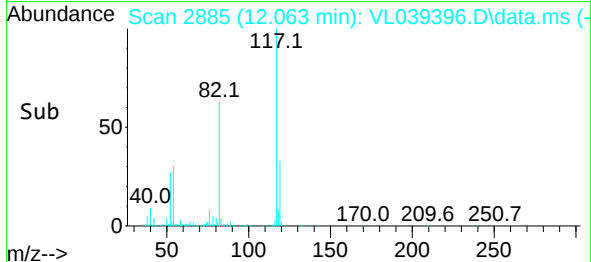
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



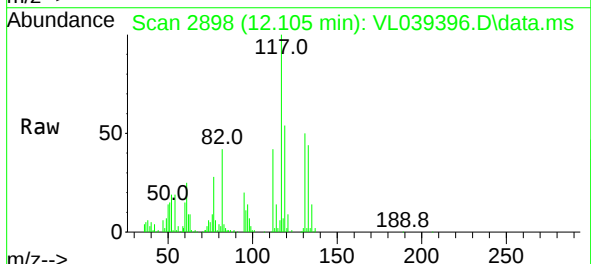
Tgt Ion:117 Resp: 332405
Ion Ratio Lower Upper
117 100
82 62.9 50.8 76.2
119 35.4 24.1 36.1

Manual Integrations
APPROVED

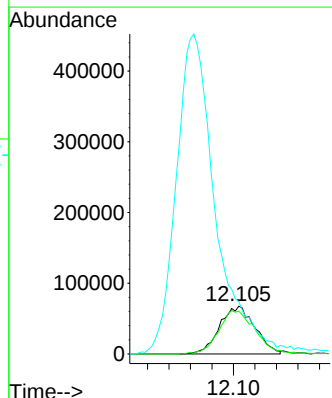
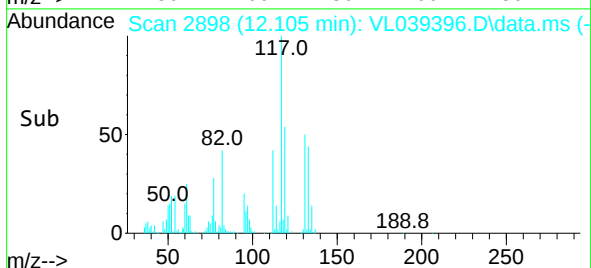
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

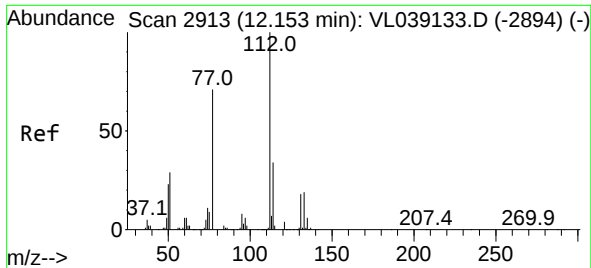


#56
1,1,1,2-Tetrachloroethane
Concen: 0.979 ppbv
RT: 12.105 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



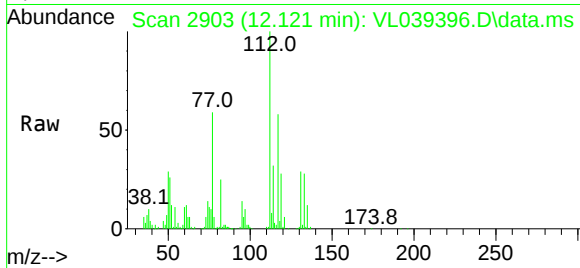
Tgt Ion:131 Resp: 153937
Ion Ratio Lower Upper
131 100
133 95.2 76.8 115.2
119 765.2 46.2 69.4#





#57
Chlorobenzene
Concen: 1.113 ppbv
RT: 12.121 min Scan# 2913
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

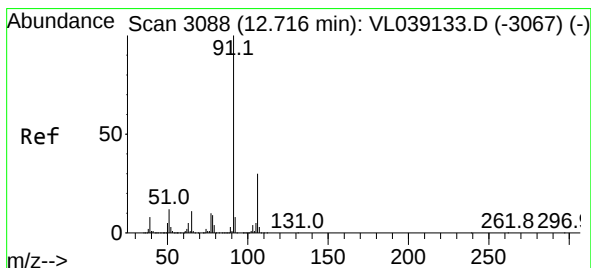
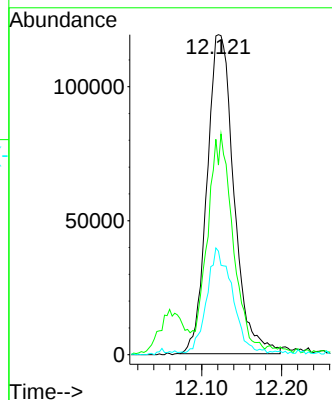
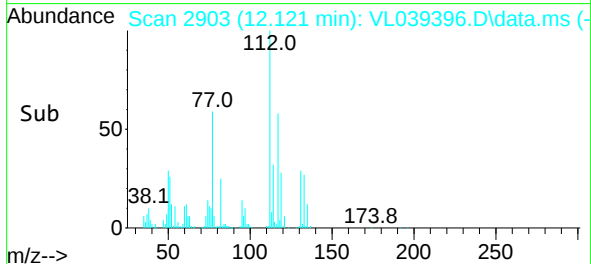
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



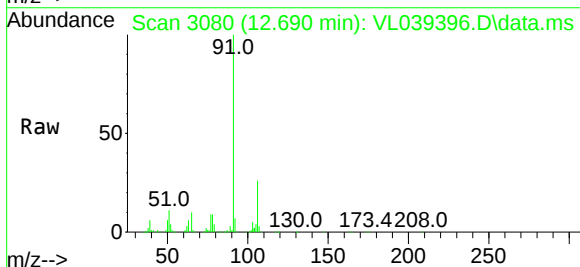
Tgt Ion:112 Resp: 278352
Ion Ratio Lower Upper
112 100
77 57.0 51.0 76.4
114 31.7 27.5 33.6

Manual Integrations
APPROVED

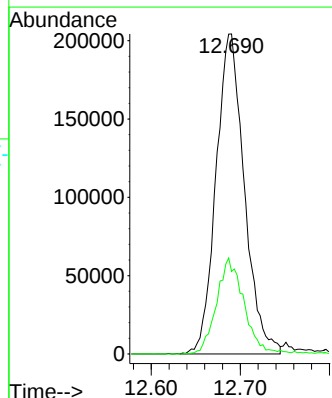
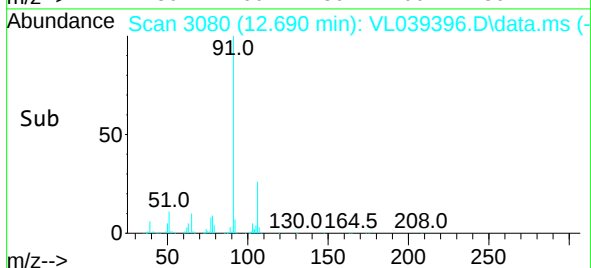
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

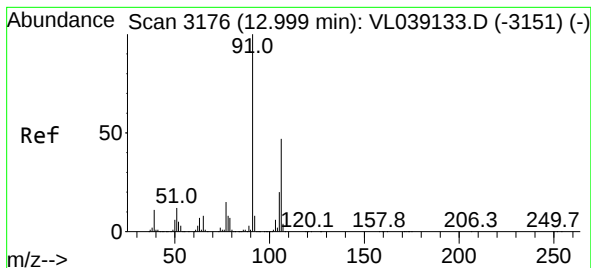


#58
Ethyl Benzene
Concen: 0.985 ppbv
RT: 12.690 min Scan# 3080
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



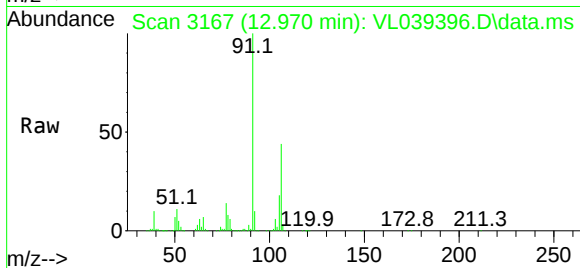
Tgt Ion: 91 Resp: 451143
Ion Ratio Lower Upper
91 100
106 25.8 25.4 38.0





#59
m/p-Xylene
Concen: 2.002 ppbv m
RT: 12.970 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

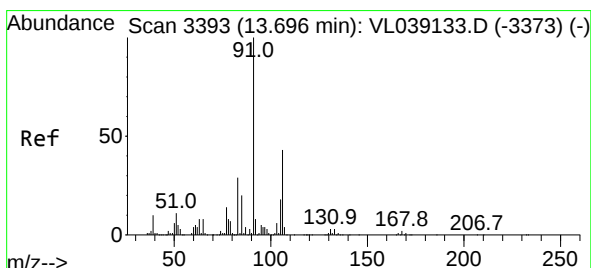
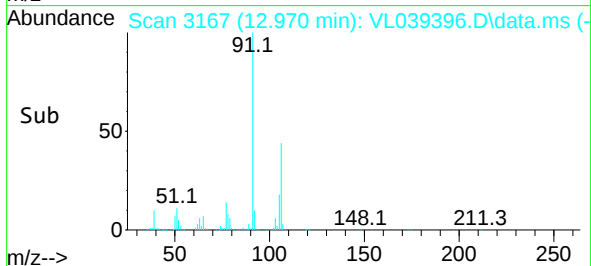
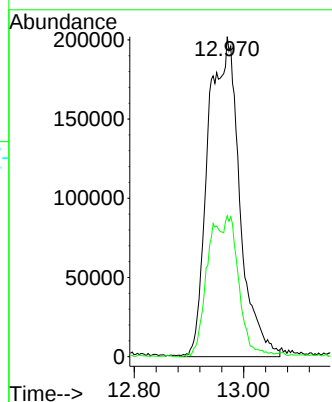
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 80740
Ion Ratio Lower Upper
91 100
106 43.7 35.4 53.2

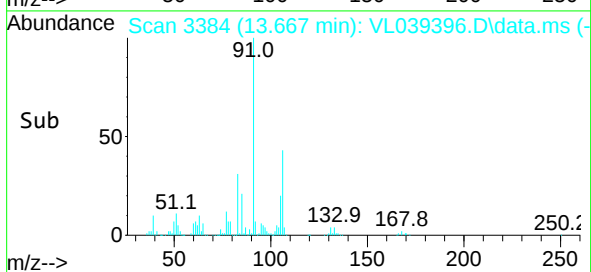
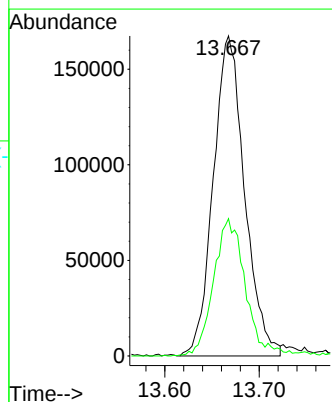
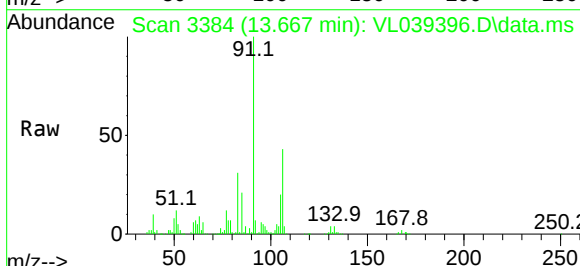
Manual Integrations
APPROVED

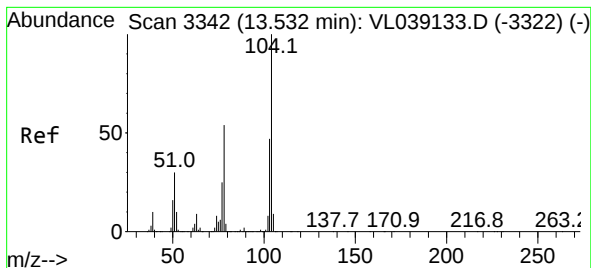
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#60
o-Xylene
Concen: 1.018 ppbv
RT: 13.667 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 91 Resp: 385550
Ion Ratio Lower Upper
91 100
106 44.4 22.4 67.3





#61

Styrene

Concen: 0.906 ppbv

RT: 13.503 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

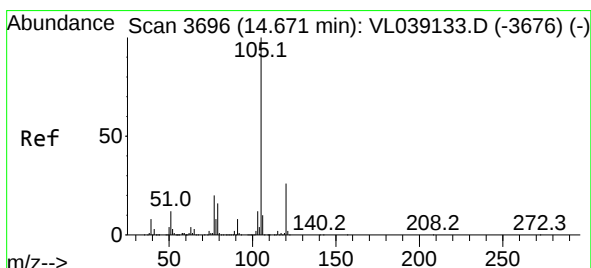
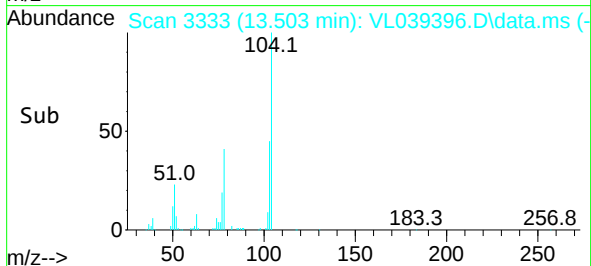
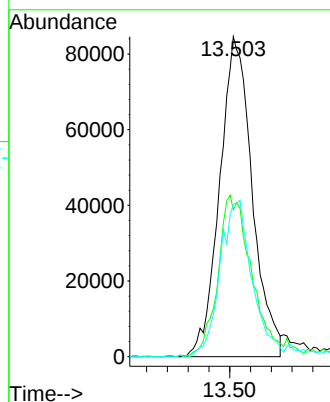
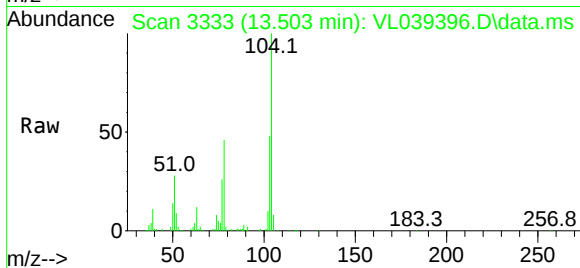
VSTDICC001

Tgt Ion:104	Resp: 18378
Ion Ratio	Lower Upper
104	100
78	55.9 41.2 61.8
103	51.1 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#62

Isopropylbenzene

Concen: 1.057 ppbv

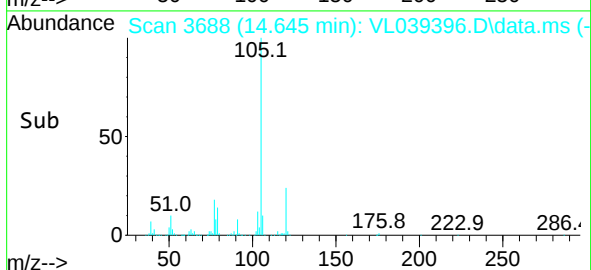
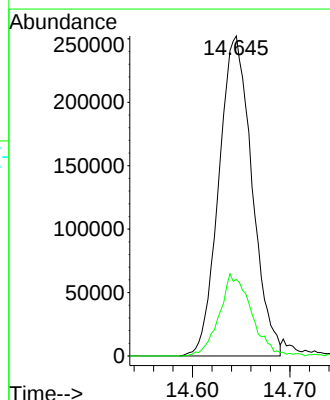
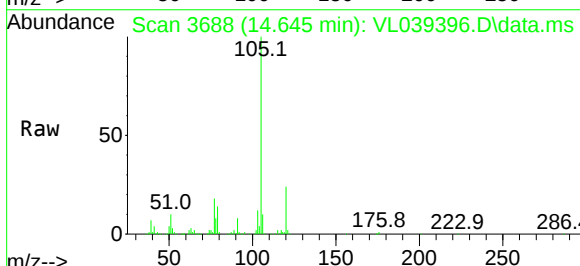
RT: 14.645 min Scan# 3688

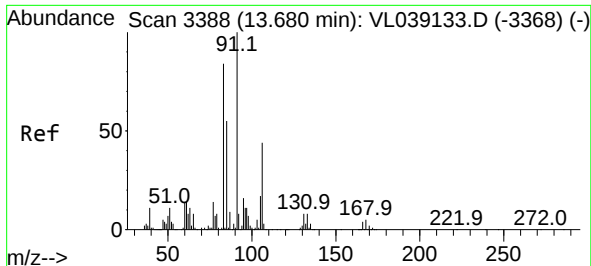
Delta R.T. 0.000 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

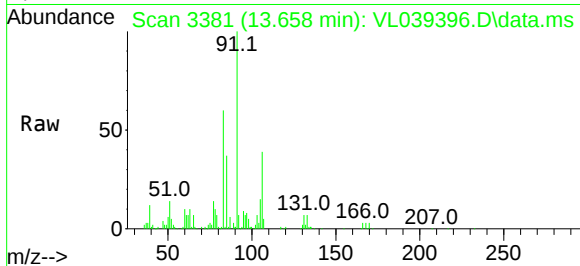
Tgt Ion:105	Resp: 595405
Ion Ratio	Lower Upper
105	100
120	25.3 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.850 ppbv
RT: 13.658 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

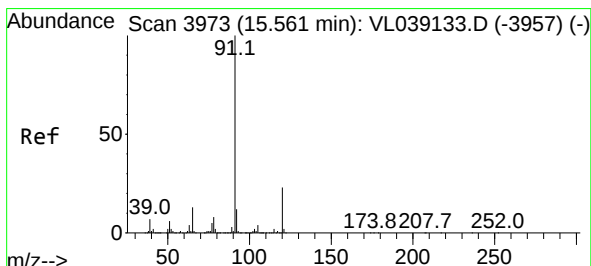
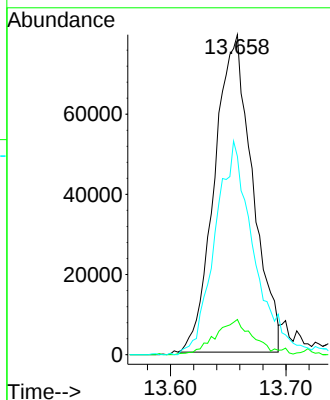
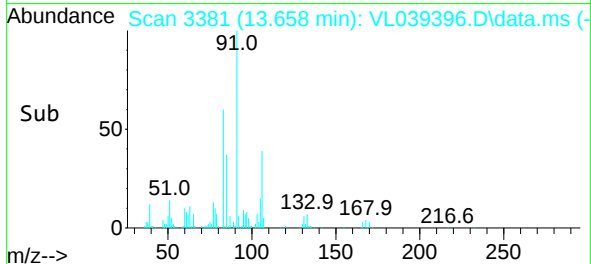
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



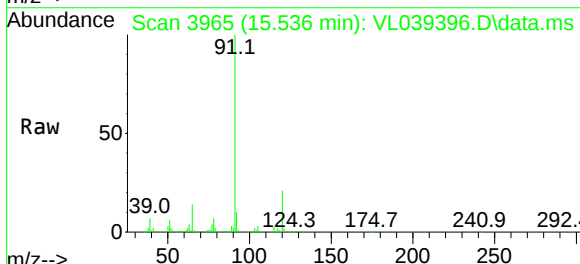
Tgt Ion: 83 Resp: 180734
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 70.3 33.1 99.5

Manual Integrations
APPROVED

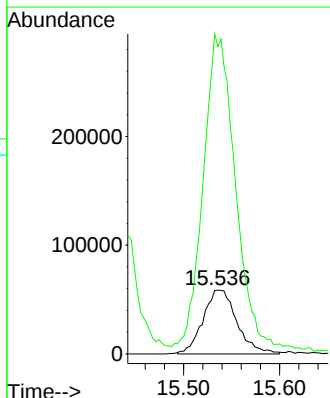
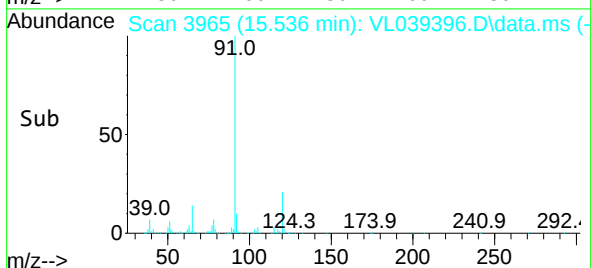
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

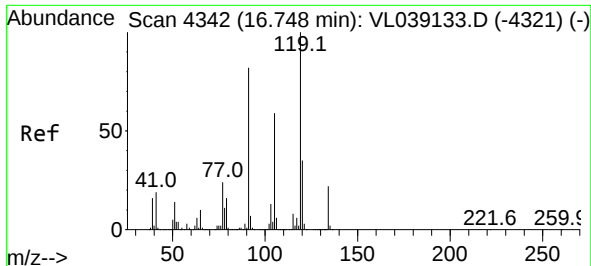


#64
n-propylbenzene
Concen: 1.039 ppbv m
RT: 15.536 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



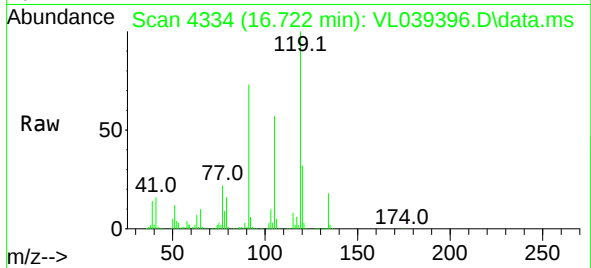
Tgt Ion:120 Resp: 143783
Ion Ratio Lower Upper
120 100
91 497.1 367.2 550.8





#65
tert-Butylbenzene
Concen: 1.079 ppbv
RT: 16.722 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

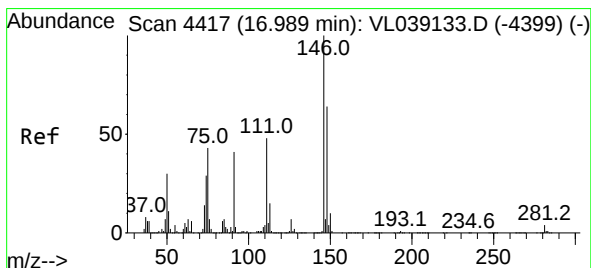
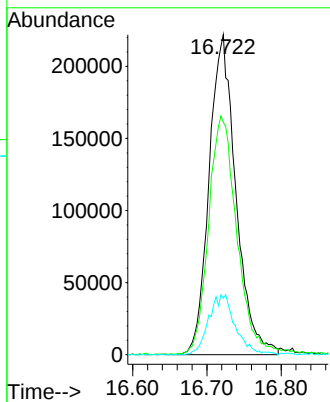
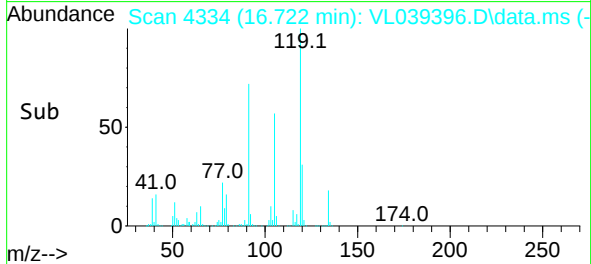
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



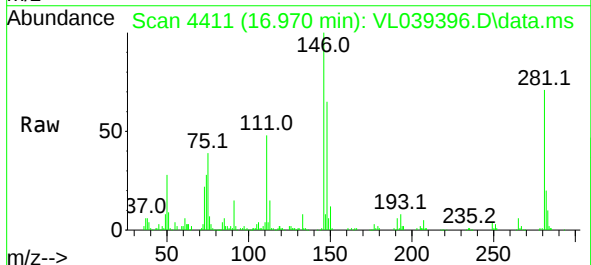
Tgt Ion: 119 Resp: 55585
Ion Ratio Lower Upper
119 100
91 80.0 63.4 95.2
134 18.9 15.9 23.9

Manual Integrations
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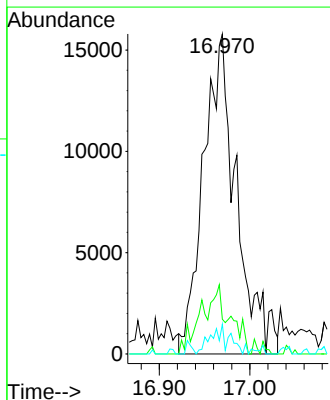
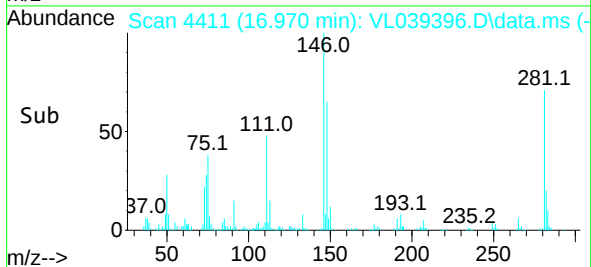
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

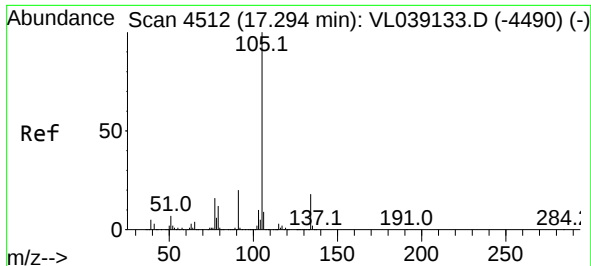


#66
Benzyl Chloride
Concen: 0.599 ppbv m
RT: 16.970 min Scan# 4411
Delta R.T. 0.006 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



Tgt Ion: 91 Resp: 40087
Ion Ratio Lower Upper
91 100
126 19.6 13.1 19.7
128 6.6 4.4 6.6#





#67

sec-Butylbenzene

Concen: 1.054 ppbv

RT: 17.269 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039396.D

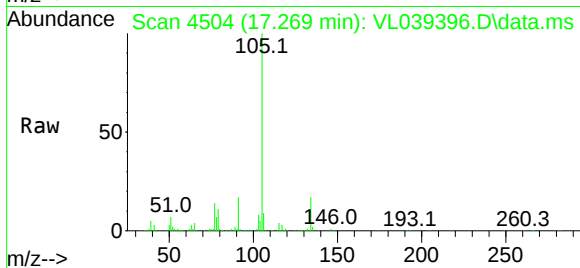
Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:105 Resp: 740240

Ion Ratio Lower Upper

105 100

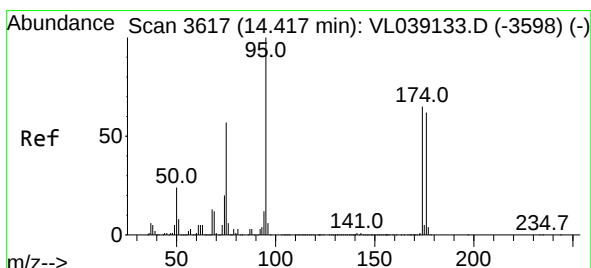
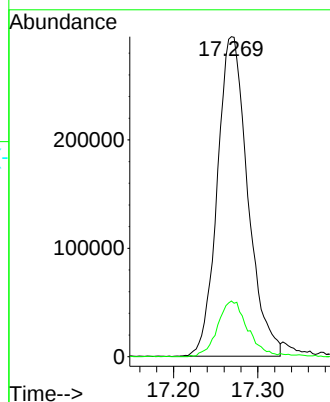
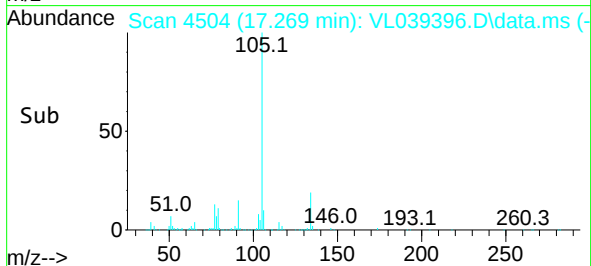
134 17.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 8.960 ppbv

RT: 14.391 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

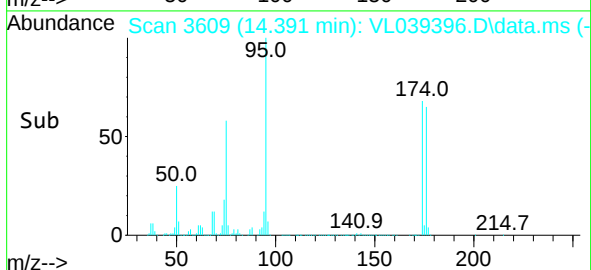
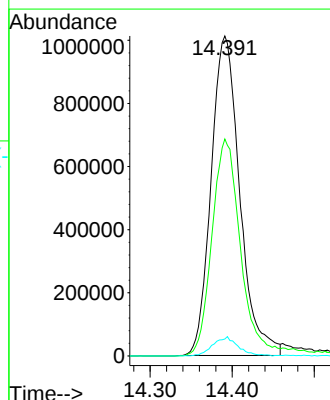
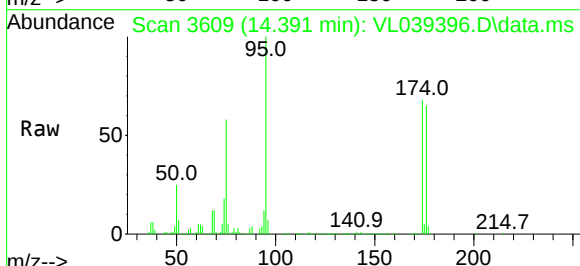
Tgt Ion: 95 Resp: 2462252

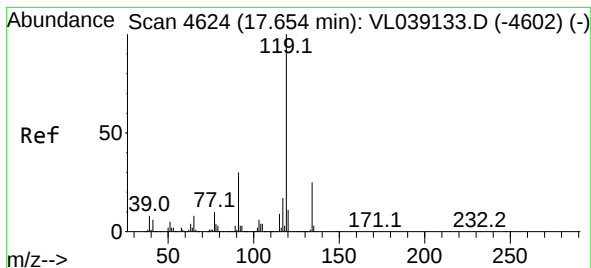
Ion Ratio Lower Upper

95 100

174 70.9 55.9 83.9

175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 1.022 ppbv

RT: 17.625 min Scan# 4615

Delta R.T. 0.000 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:119 Resp: 60610

Ion Ratio Lower Upper

119 100

134 25.4 20.3 30.5

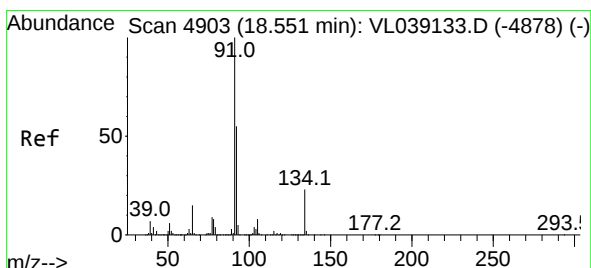
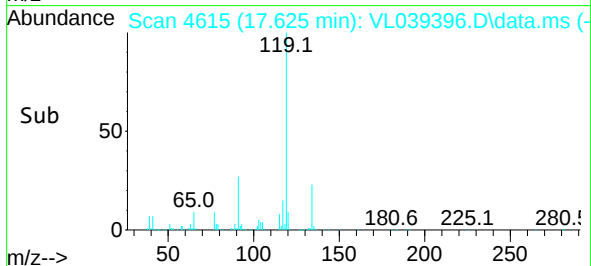
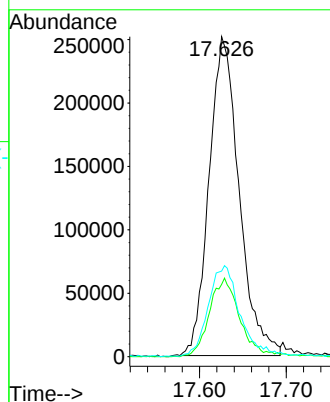
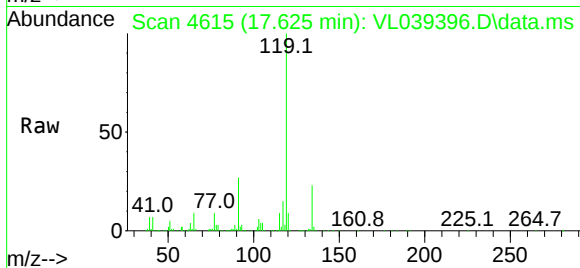
91 30.5 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#70

n-Butylbenzene

Concen: 0.963 ppbv

RT: 18.526 min Scan# 4895

Delta R.T. 0.003 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

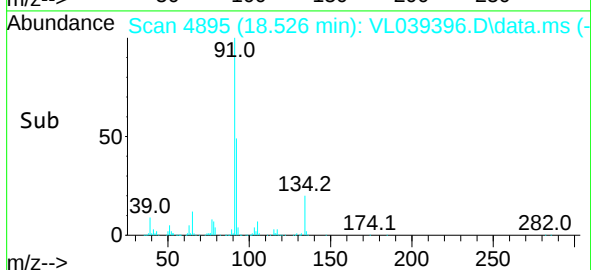
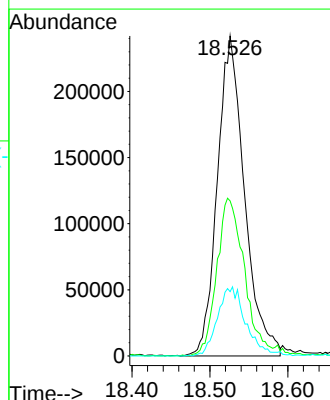
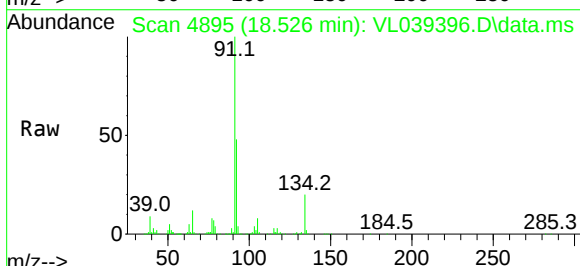
Tgt Ion: 91 Resp: 585696

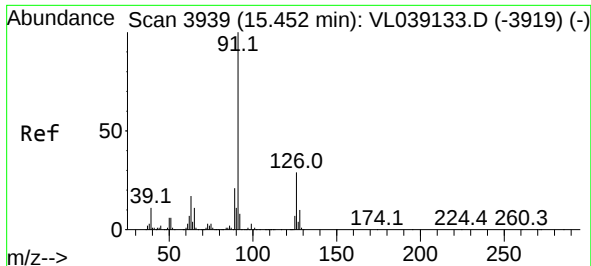
Ion Ratio Lower Upper

91 100

92 51.4 43.4 65.2

134 22.7 18.9 28.3





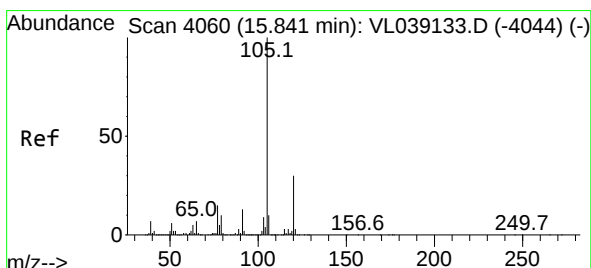
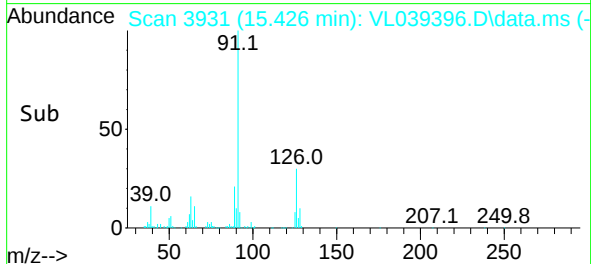
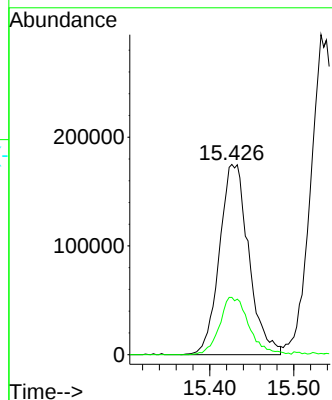
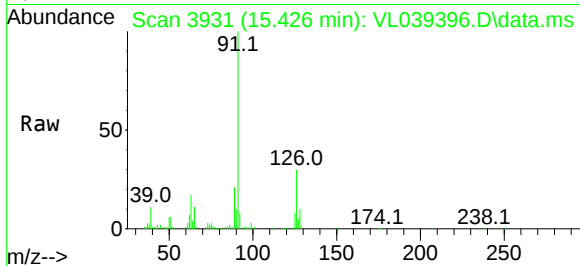
#71
2-Chlorotoluene
Concen: 0.987 ppbv
RT: 15.426 min Scan# 3939
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 42382
Ion Ratio Lower Upper
91 100
126 31.5 13.0 51.8

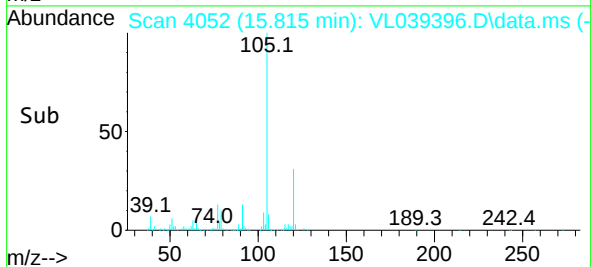
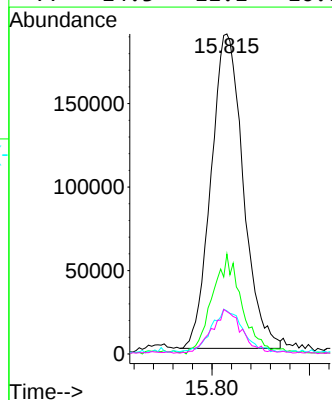
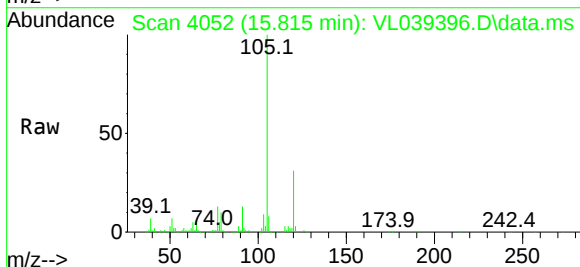
Manual Integrations
APPROVED

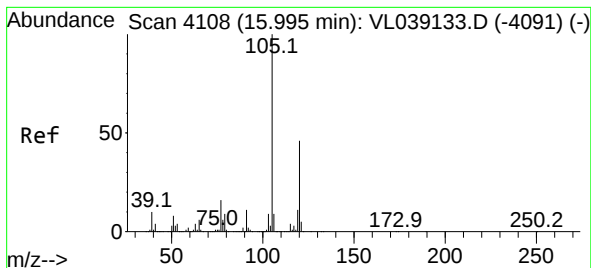
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#72
4-Ethyltoluene
Concen: 0.971 ppbv
RT: 15.815 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:105 Resp: 431302
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 13.7 10.2 15.4
77 14.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 0.988 ppbv

RT: 15.970 min Scan# 4108

Delta R.T. -0.003 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 395860

Ion Ratio Lower Upper

105 100

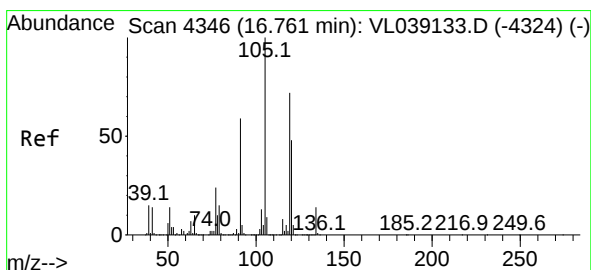
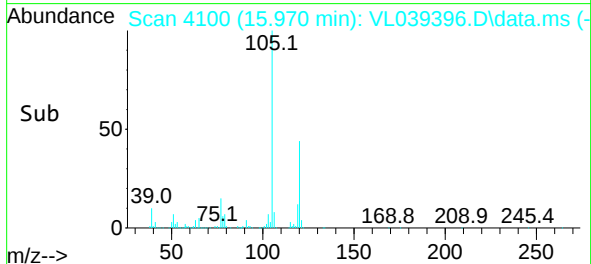
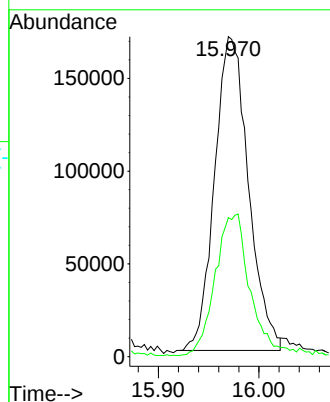
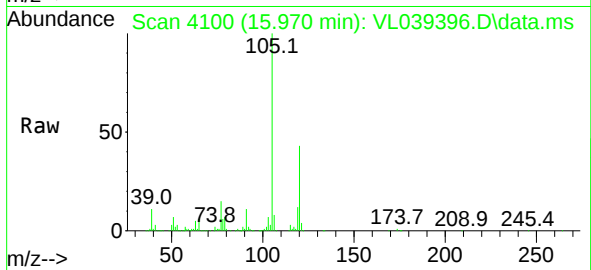
120 43.9 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#74

1,2,4-Trimethylbenzene

Concen: 1.021 ppbv

RT: 16.735 min Scan# 4338

Delta R.T. -0.003 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Tgt Ion:105 Resp: 456258

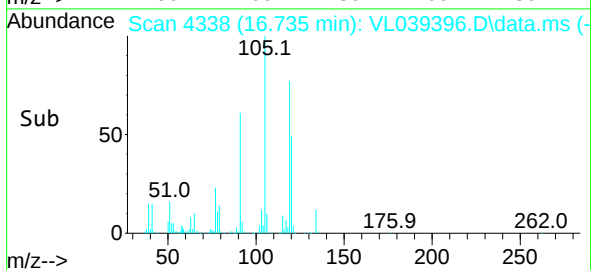
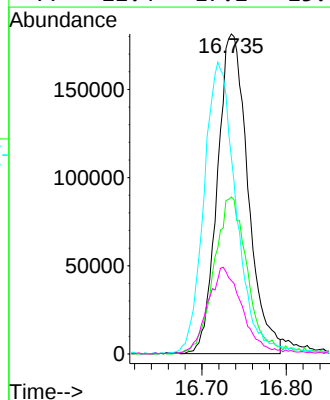
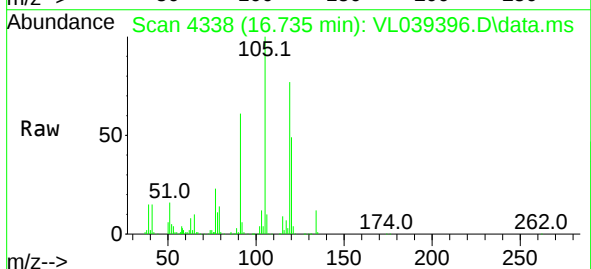
Ion Ratio Lower Upper

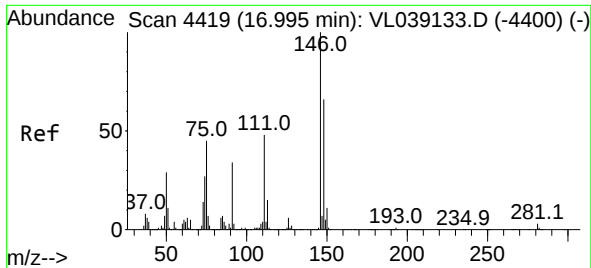
105 100

120 48.9 39.5 59.3

91 60.1 39.2 58.8#

77 22.4 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 1.023 ppbv

RT: 16.966 min Scan# 4419

Delta R.T. -0.003 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 25878

Ion Ratio Lower Upper

146 100

111 48.5 22.9 68.7

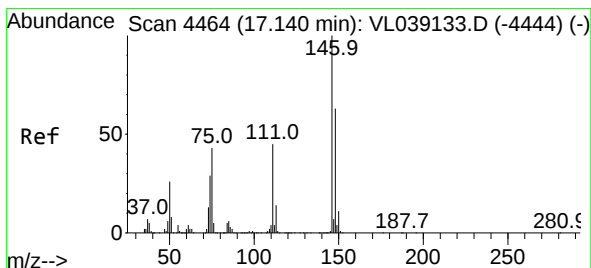
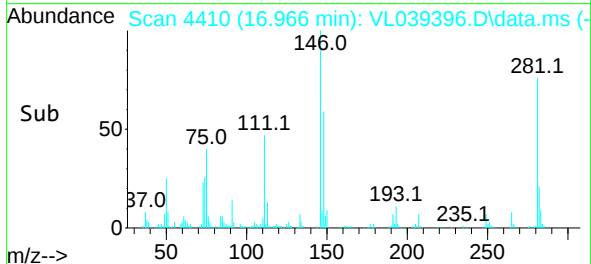
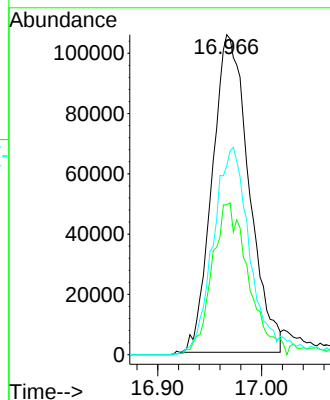
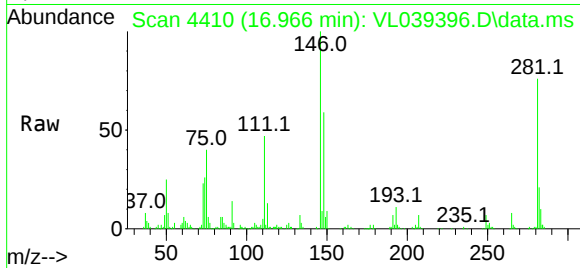
148 66.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#76

1,4-Dichlorobenzene

Concen: 1.081 ppbv m

RT: 17.111 min Scan# 4455

Delta R.T. 0.000 min

Lab File: VL039396.D

Acq: 29 Jun 2022 13:06

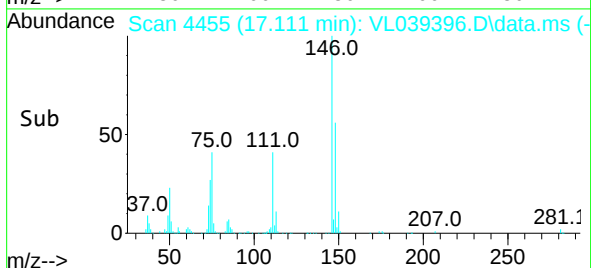
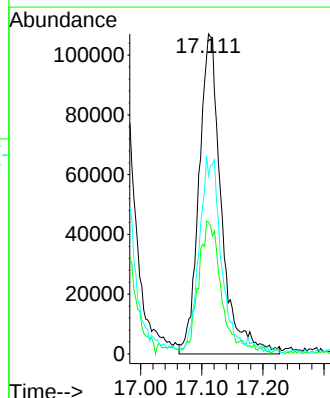
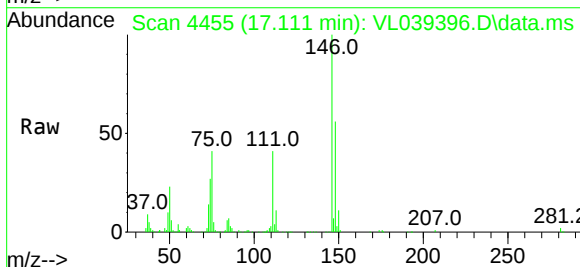
Tgt Ion:146 Resp: 272974

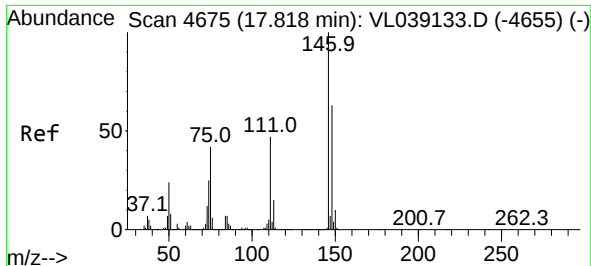
Ion Ratio Lower Upper

146 100

111 42.9 22.9 68.8

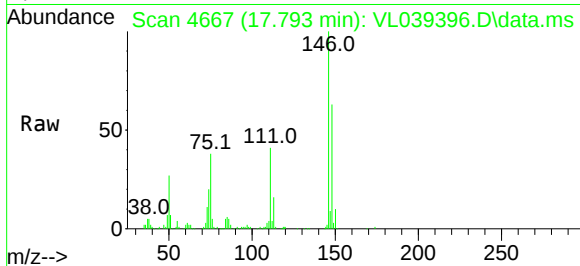
148 62.0 33.6 100.8





#77
 1,2-Dichlorobenzene
 Concen: 1.035 ppbv
 RT: 17.793 min Scan# 4667
 Delta R.T. 0.000 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06

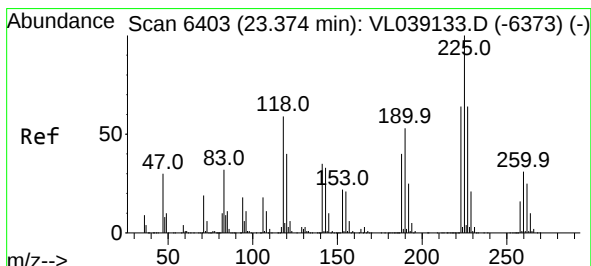
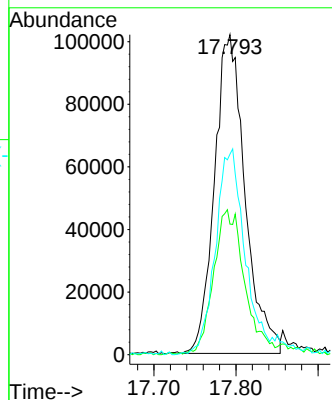
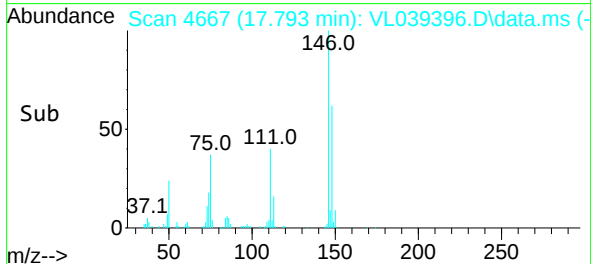
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



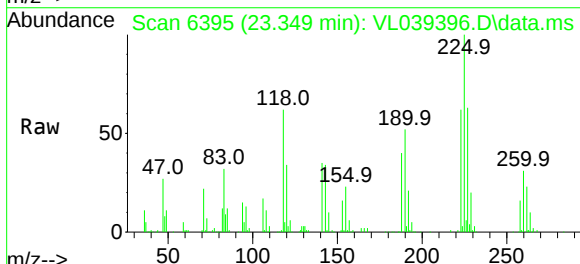
Tgt Ion:146 Resp: 263920
 Ion Ratio Lower Upper
 146 100
 111 49.1 23.8 71.5
 148 65.1 32.3 96.8

Manual Integrations
 APPROVED

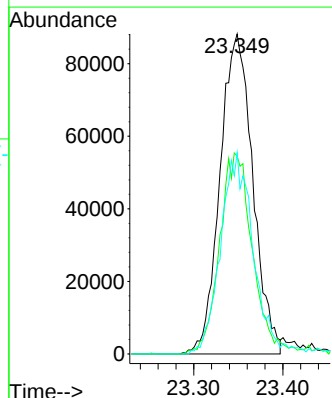
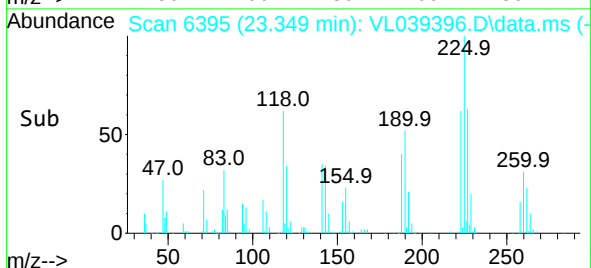
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

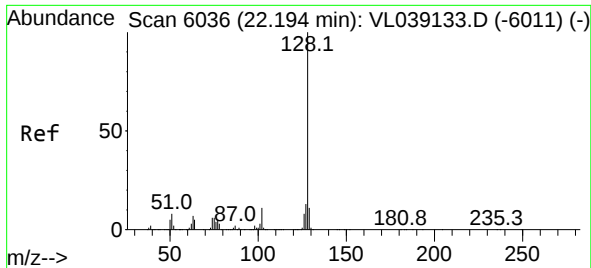


#78
 Hexachloro-1,3-Butadiene
 Concen: 0.966 ppbv
 RT: 23.349 min Scan# 6395
 Delta R.T. 0.003 min
 Lab File: VL039396.D
 Acq: 29 Jun 2022 13:06



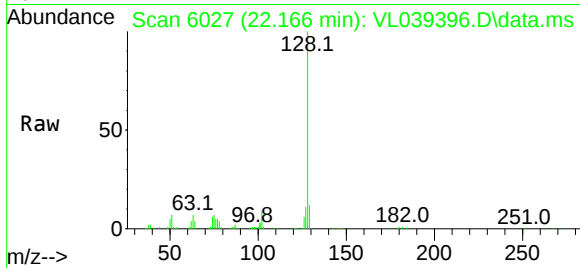
Tgt Ion:225 Resp: 225288
 Ion Ratio Lower Upper
 225 100
 223 63.1 51.8 77.6
 227 65.1 51.4 77.2





#79
Naphthalene
Concen: 0.862 ppbv
RT: 22.166 min Scan# 6036
Delta R.T. 0.006 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

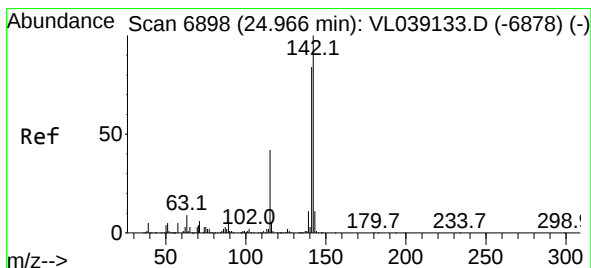
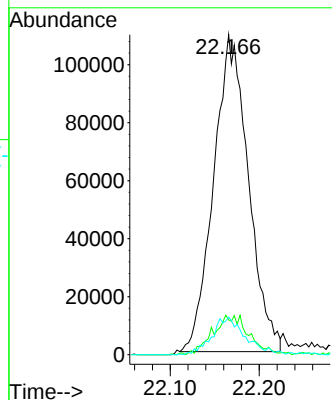
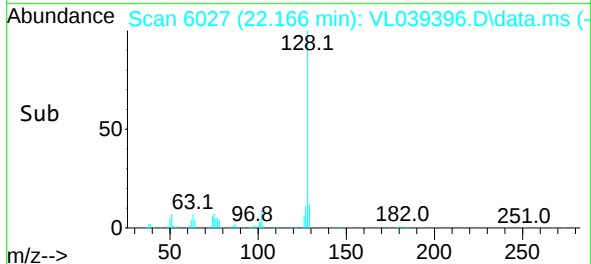
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



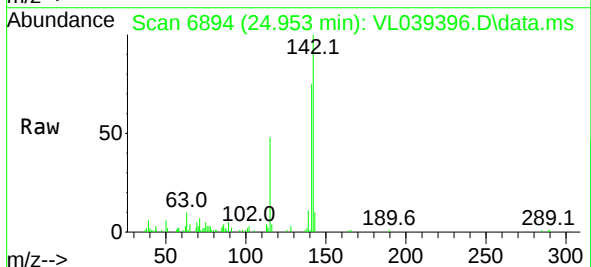
Tgt Ion:128 Resp: 29671
Ion Ratio Lower Upper
128 100
127 10.4 10.6 15.8
129 11.7 8.8 13.2

Manual Integrations
APPROVED

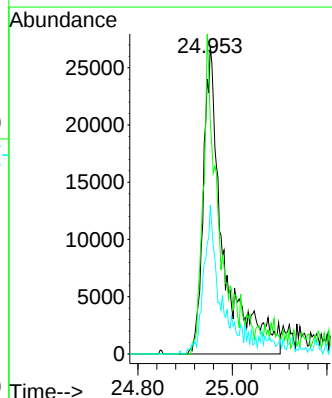
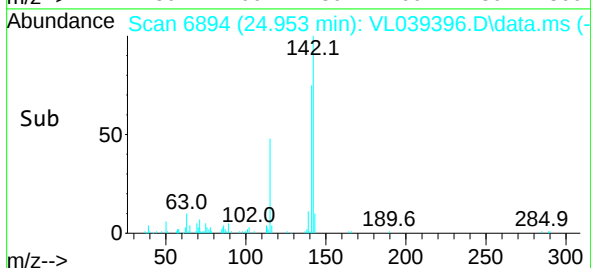
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

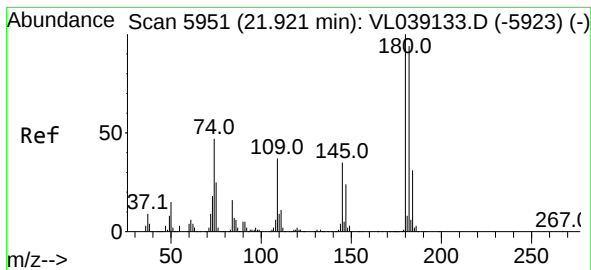


#80
Naphthalene,2-methyl-
Concen: 0.617 ppbv
RT: 24.953 min Scan# 6894
Delta R.T. 0.010 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06



Tgt Ion:142 Resp: 78922
Ion Ratio Lower Upper
142 100
141 87.6 68.9 103.3
115 41.6 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.880 ppbv

RT: 21.892 min Scan# 5942

Delta R.T. 0.003 min

Lab File: VL039396.D

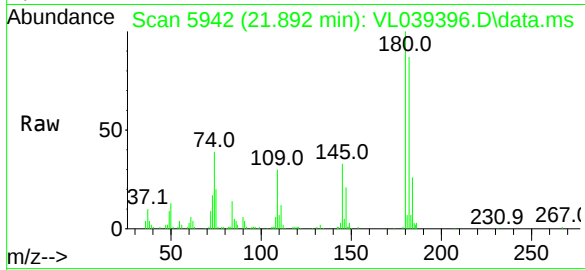
Acq: 29 Jun 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 191864

Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

184 29.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022

