

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039482.D
 Acq On : 19 Jul 2022 14:38
 Operator : SY/AP
 Sample : VL0719ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01

Quant Time: Jul 20 05:39:50 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/20/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Bromochloromethane	5.677	49	1180835	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3289809	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.101	117	3237000	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.429 95 2497968 10.402 ppbv 0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.000%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.057	85	1095648m	6.433	ppbv	
3) Chlorodifluoromethane	2.996	51	1430671	9.550	ppbv	99
4) Chloromethane	3.147	50	784524	9.575	ppbv	97
5) Vinyl Chloride	3.266	62	735984	9.109	ppbv	100
6) Bromomethane	3.484	94	343623	10.105	ppbv	99
7) Chloroethane	3.568	64	274200	9.541	ppbv	98
8) Dichlorotetrafluoroethane	3.195	85	1564639	8.410	ppbv	98
9) Propene	3.018	41	629591	9.306	ppbv	98
10) Heptane	8.134	43	1610234	10.162	ppbv	99
11) Trichlorofluoromethane	3.960	101	1817047	9.573	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.494	101	1321549	9.340	ppbv	99
13) Ethanol	3.607	45	19543	4.979	ppbv #	45
14) Bromoethene	3.748	108	587787	9.881	ppbv	99
15) Acetone	3.854	43	1375913	9.849	ppbv	100
16) 1,3-Butadiene	3.336	39	726279	10.020	ppbv	100
17) tert-Butyl alcohol	4.291	59	1344667	11.341	ppbv	100
18) 1,1-Dichloroethene	4.298	96	610161	9.519	ppbv	96
19) Isopropyl Alcohol	3.967	45	799798	10.733	ppbv #	97
20) Methylene Chloride	4.353	84	517206	9.288	ppbv	96
21) Allyl Chloride	4.420	41	957412	9.895	ppbv	99
22) trans-1,2-Dichloroethene	4.896	96	604725	9.746	ppbv	94
23) Vinyl Acetate	5.082	43	1063083	11.387	ppbv	98
24) 1,1-Dichloroethane	5.025	63	1382174	10.483	ppbv	97
25) Ethyl Acetate	5.687	43	2946405	10.286	ppbv	99
26) Hexane	5.697	57	1240124	10.740	ppbv	99
27) Carbon Disulfide	4.562	76	1479762	10.617	ppbv	100
28) Methyl tert-Butyl Ether	5.044	73	1354488	10.971	ppbv	97
29) Chloroform	5.764	83	1983569	9.879	ppbv	99
30) Cyclohexane	7.147	84	1060662	10.090	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	1248393	10.190	ppbv	98
32) 1,1,1-Trichloroethane	6.523	97	2019725	10.191	ppbv	99
34) 2-Butanone	5.250	43	1730814	10.452	ppbv	100
35) Carbon Tetrachloride	7.031	117	2138999	10.522	ppbv	99
36) Benzene	6.905	78	2615419	10.272	ppbv	99
37) 1,2-Dichloroethane	6.317	62	1522342	10.130	ppbv	100
38) Trichloroethene	7.848	130	1397468	10.148	ppbv	98
39) 1,2-Dichloropropane	7.626	63	968859	10.186	ppbv	96
40) 1,4-Dioxane	7.838	88	390992	10.315	ppbv #	1
41) Tetrahydrofuran	6.060	42	1016388	10.591	ppbv	99
42) Bromodichloromethane	7.806	83	2163902	10.679	ppbv	100
43) Methyl Methacrylate	8.024	69	1060598	10.955	ppbv	100
44) 2,2,4-Trimethylpentane	7.883	57	4324579	10.023	ppbv	99
45) t-1,3-Dichloropropene	9.291	75	1073813	12.457	ppbv	99

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/20/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 05:39:50 2022

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

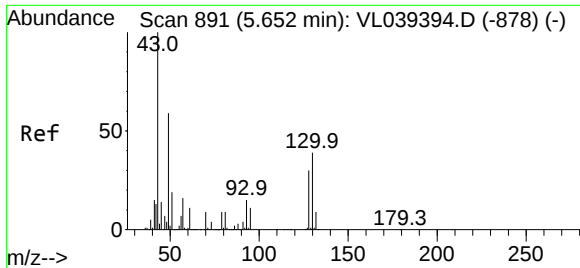
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 20 05:39:50 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

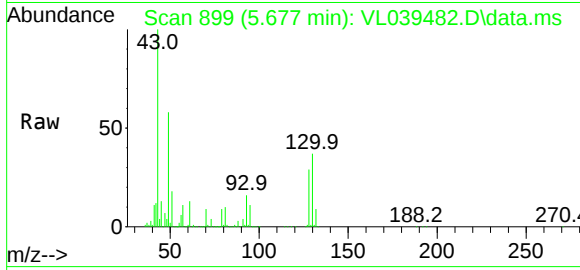
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1402143	11.818	ppbv	97
47) 1,1,2-Trichloroethane	9.487	97	1080637	10.125	ppbv	98
48) Dibromochloromethane	10.320	129	1923877	11.342	ppbv	100
49) Bromoform	13.053	173	1611101	11.773	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2697626	10.773	ppbv	100
51) 2-Hexanone	10.140	43	2182422m	11.523	ppbv	
52) Tetrachloroethene	11.236	164	1034707	10.095	ppbv	97
53) Toluene	9.819	91	3133291	10.669	ppbv	100
54) 1,2-Dibromoethane	10.626	107	1450453	10.922	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.140	131	1433389	10.024	ppbv	97
57) Chlorobenzene	12.163	112	2398014	9.555	ppbv	97
58) Ethyl Benzene	12.725	91	4222699	10.103	ppbv	100
59) m/p-Xylene	13.008	91	7296068m	19.800	ppbv	
60) o-Xylene	13.706	91	3492153	10.008	ppbv	99
61) Styrene	13.542	104	2080441	11.006	ppbv	99
62) Isopropylbenzene	14.680	105	5193843	9.774	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.690	83	1637722	8.954	ppbv	99
64) n-propylbenzene	15.574	120	1350528	10.027	ppbv	99
65) tert-Butylbenzene	16.754	119	4741806	9.657	ppbv	100
66) Benzyl Chloride	17.002	91	526376	11.281	ppbv	100
67) sec-Butylbenzene	17.307	105	6477875	9.794	ppbv	100
69) p-Isopropyltoluene	17.664	119	5591297	9.963	ppbv	100
70) n-Butylbenzene	18.561	91	5448360	10.003	ppbv	99
71) 2-Chlorotoluene	15.468	91	3786681	9.957	ppbv	100
72) 4-Ethyltoluene	15.850	105	4307693	10.500	ppbv	99
73) 1,3,5-Trimethylbenzene	16.011	105	3911159	10.380	ppbv	98
74) 1,2,4-Trimethylbenzene	16.776	105	4142772	9.939	ppbv	97
75) 1,3-Dichlorobenzene	17.008	146	2429845	9.772	ppbv	98
76) 1,4-Dichlorobenzene	17.149	146	2450353	9.943	ppbv	97
77) 1,2-Dichlorobenzene	17.828	146	2404129	9.755	ppbv	99
78) Hexachloro-1,3-Butadiene	23.381	225	1700560	8.579	ppbv	99
79) Naphthalene	22.207	128	3327024	11.598	ppbv	99
80) Naphthalene,2-methyl-	24.975	142	1259859	12.904	ppbv	98
81) 1,2,4-Trichlorobenzene	21.937	180	1925428	10.305	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

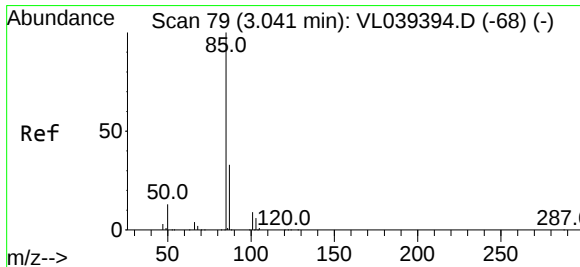
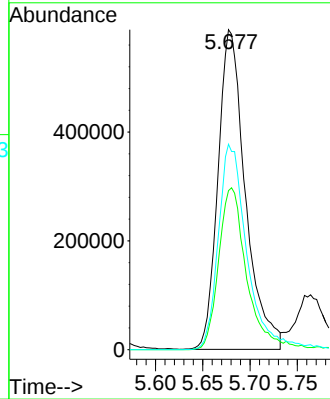
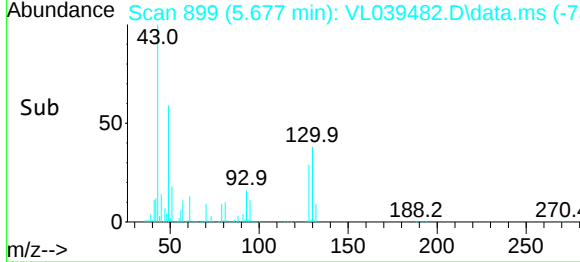
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



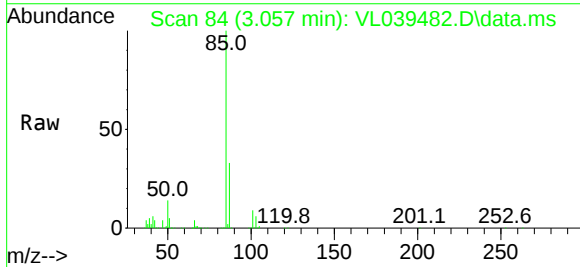
Tgt Ion: 49 Resp: 118083
Ion Ratio Lower Upper
49 100
128 53.2 26.7 80.0
130 68.9 34.3 102.8

Manual Integrations
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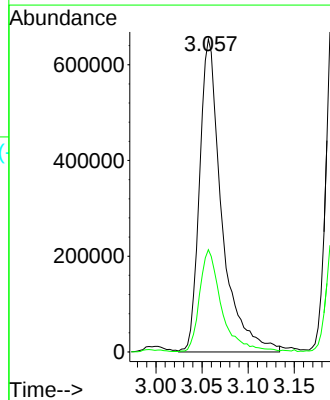
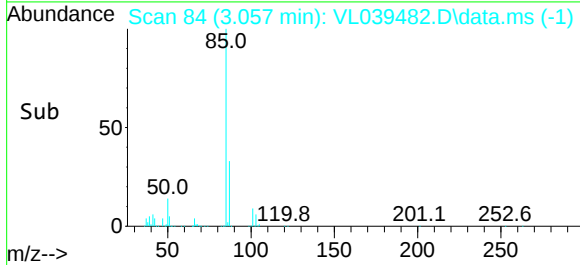
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

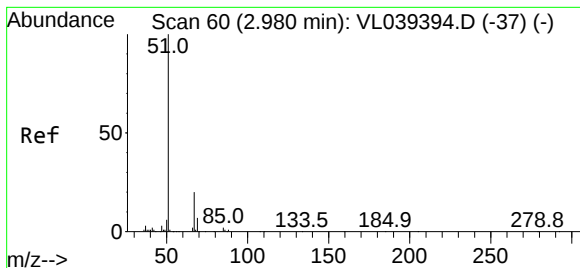


#2
Dichlorodifluoromethane
Concen: 6.433 ppbv m
RT: 3.057 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



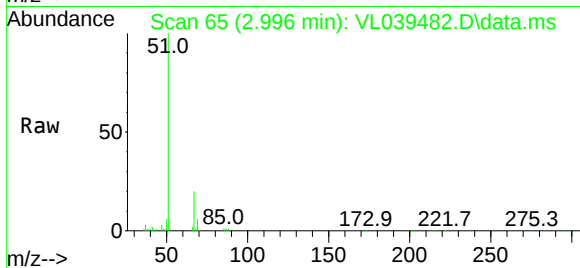
Tgt Ion: 85 Resp: 1095648
Ion Ratio Lower Upper
85 100
87 32.7 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.550 ppbv
RT: 2.996 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

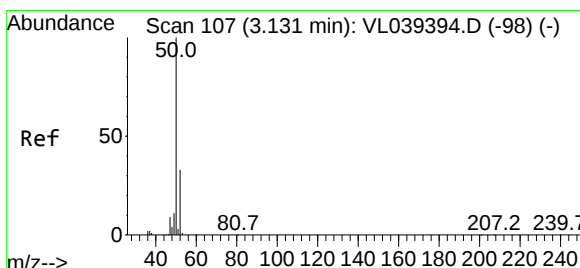
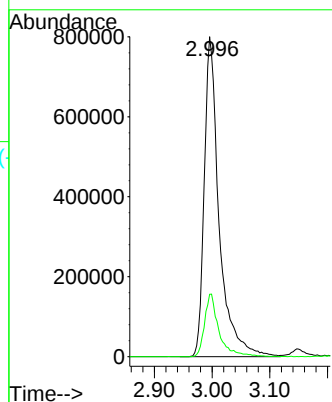
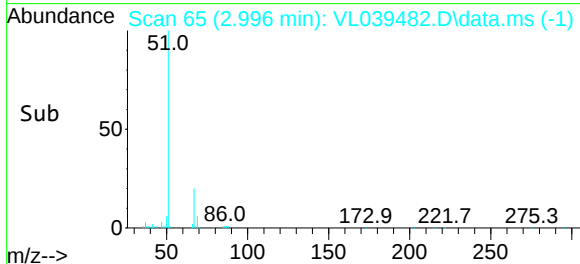
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



Tgt Ion: 51 Resp: 143067
Ion Ratio Lower Upper
51 100
67 19.1 15.7 23.5

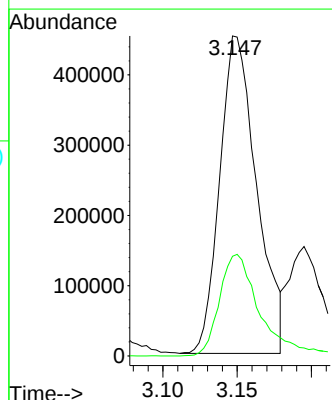
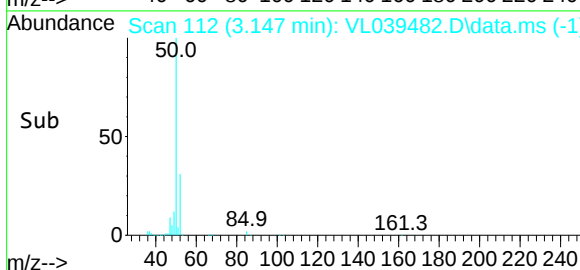
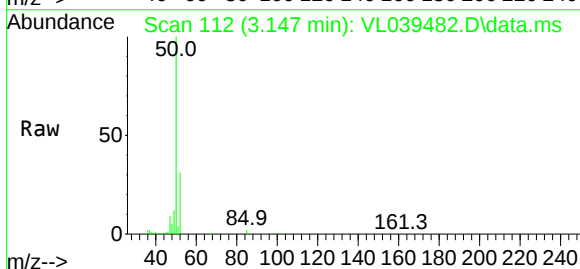
Manual Integrations
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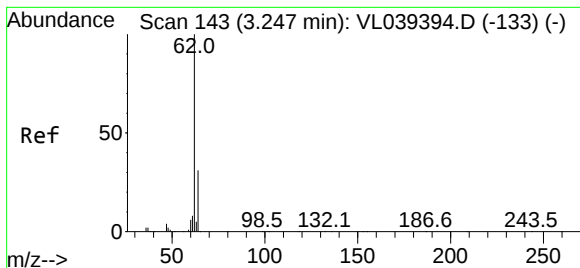
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 9.575 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion: 50 Resp: 784524
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7





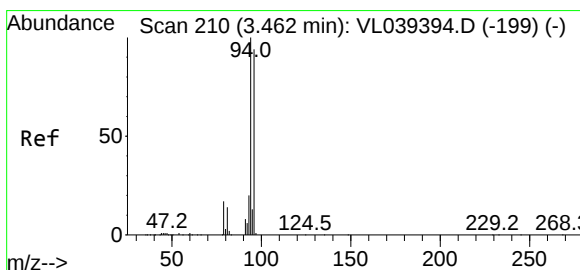
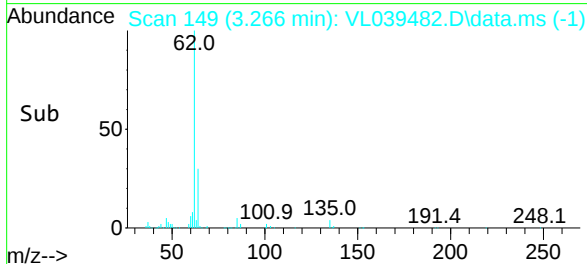
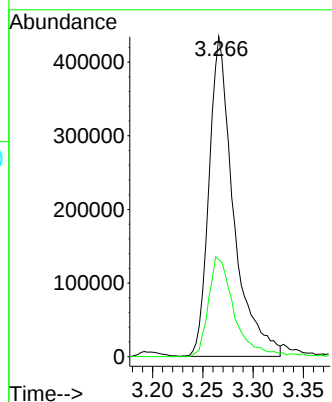
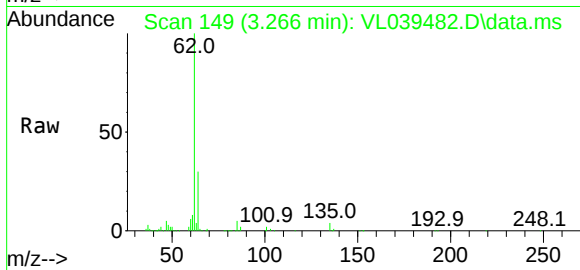
#5
 Vinyl Chloride
 Concen: 9.109 ppbv
 RT: 3.266 min Scan# 143
 Delta R.T. 0.019 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01

Tgt Ion: 62 Resp: 735984
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.6 36.8

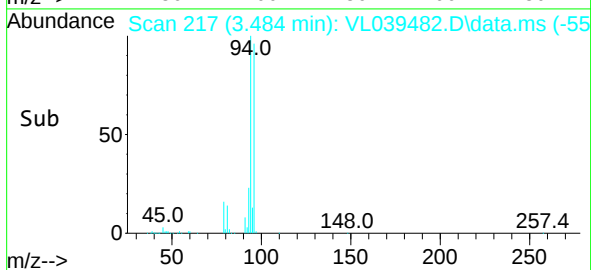
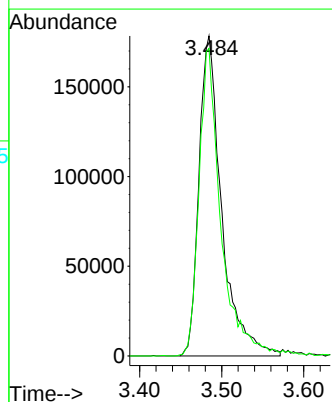
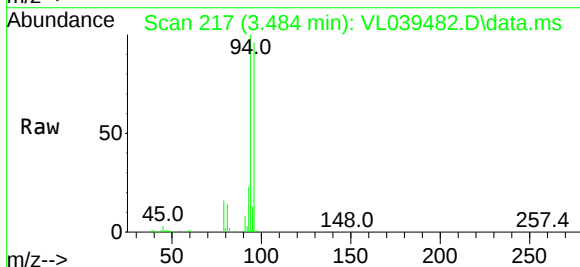
Manual Integrations
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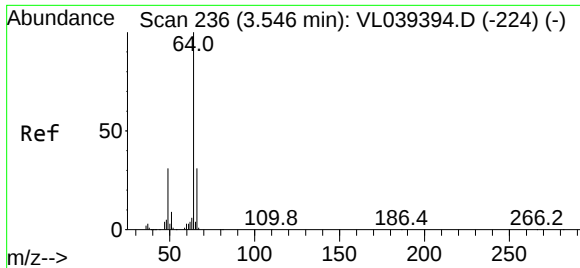
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#6
 Bromomethane
 Concen: 10.105 ppbv
 RT: 3.484 min Scan# 217
 Delta R.T. 0.022 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

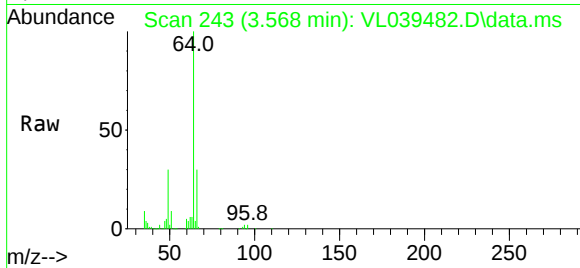
Tgt Ion: 94 Resp: 343623
 Ion Ratio Lower Upper
 94 100
 96 95.8 75.6 113.4





#7
Chloroethane
Concen: 9.541 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.022 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

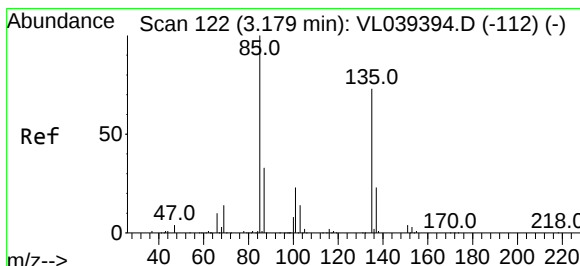
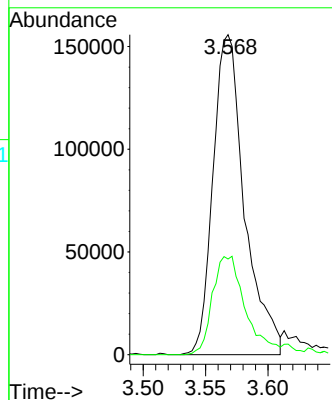
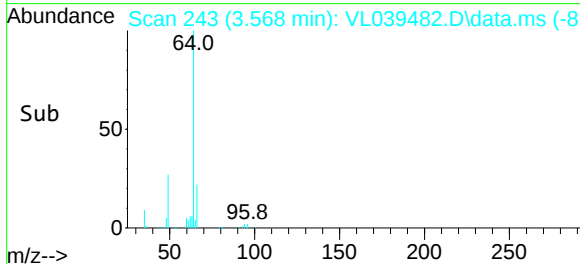
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



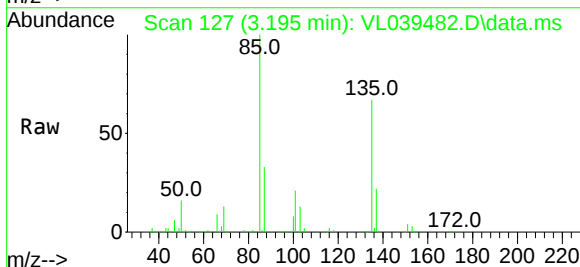
Tgt Ion: 64 Resp: 274200
Ion Ratio Lower Upper
64 100
66 29.9 24.7 37.1

Manual Integrations
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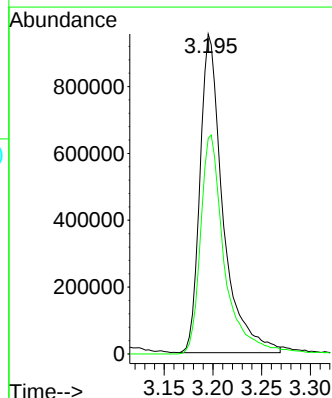
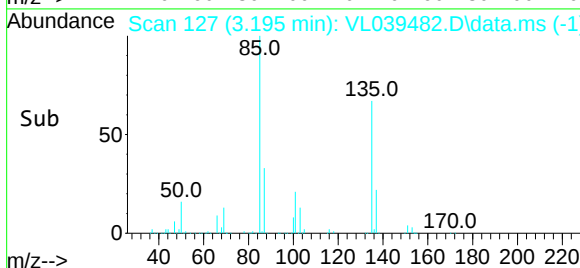
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

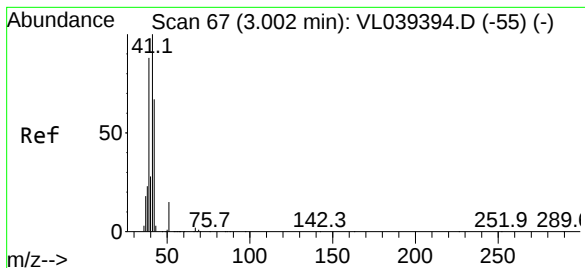


#8
Dichlorotetrafluoroethane
Concen: 8.410 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.016 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



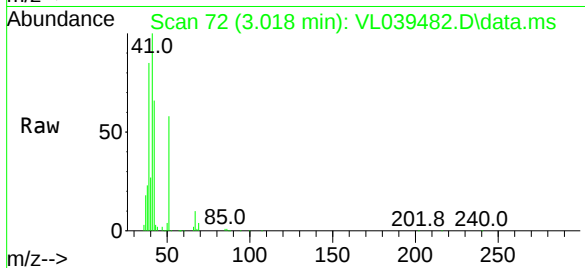
Tgt Ion: 85 Resp: 1564639
Ion Ratio Lower Upper
85 100
135 72.3 59.0 88.4





#9
 Propene
 Concen: 9.306 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

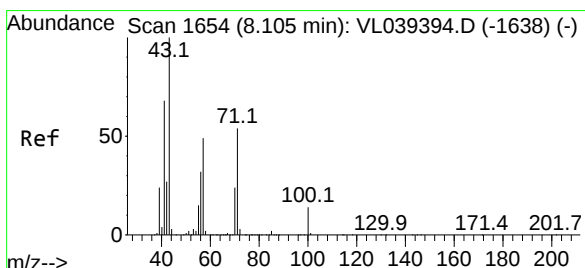
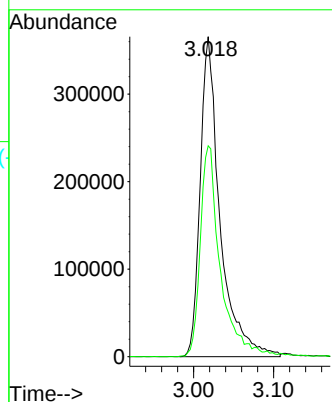
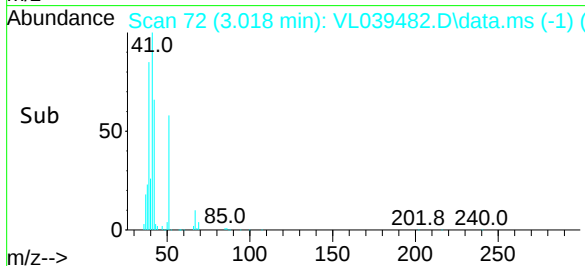
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01



Tgt Ion: 41 Resp: 62959
 Ion Ratio Lower Upper
 41 100
 42 67.6 55.2 82.8

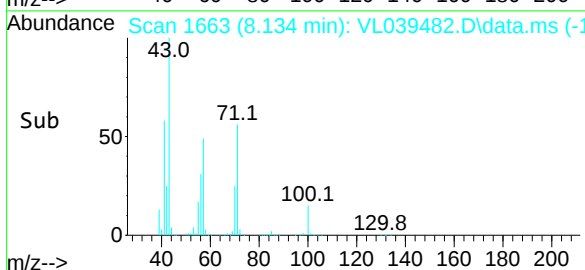
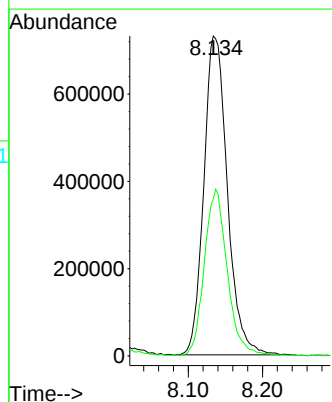
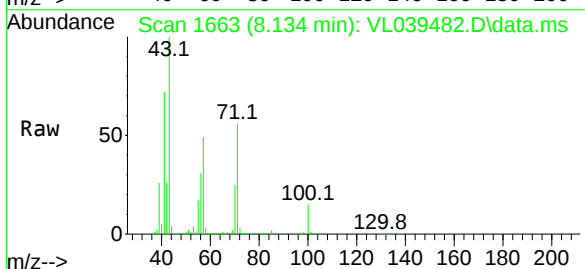
Manual Integrations
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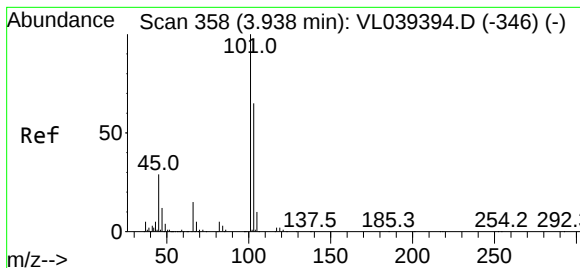
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#10
 Heptane
 Concen: 10.162 ppbv
 RT: 8.134 min Scan# 1663
 Delta R.T. 0.029 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

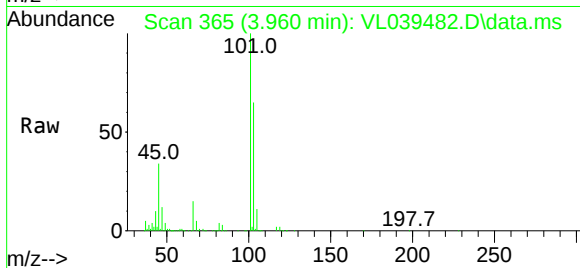
Tgt Ion: 43 Resp: 1610234
 Ion Ratio Lower Upper
 43 100
 57 51.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.573 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

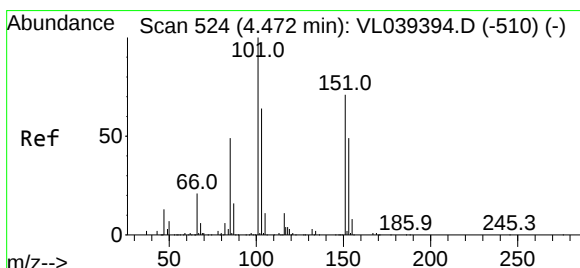
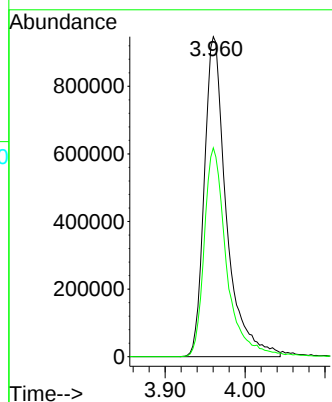
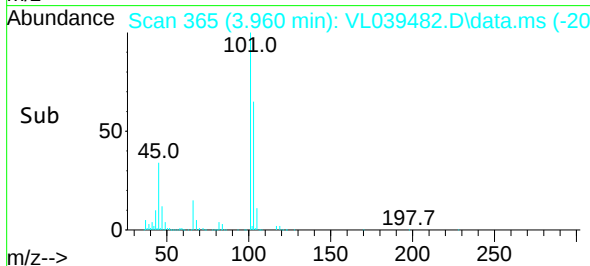
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



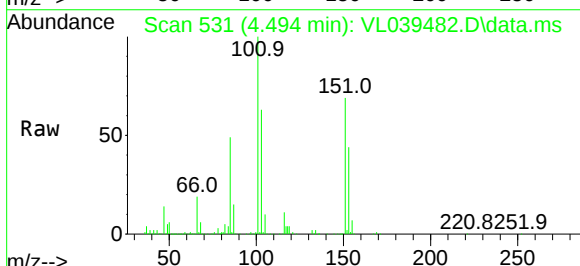
Tgt Ion:101 Resp: 181704
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

Manual Integrations
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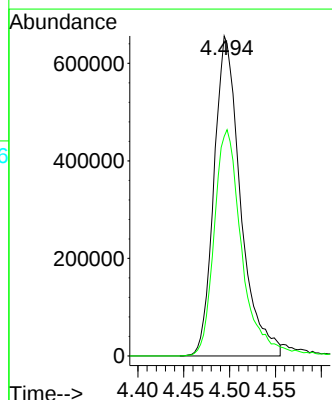
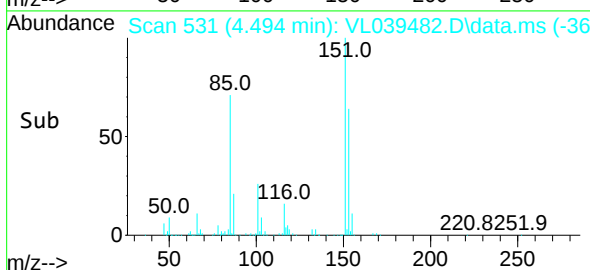
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

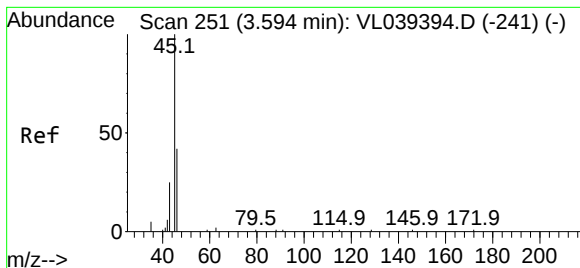


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.340 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.022 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



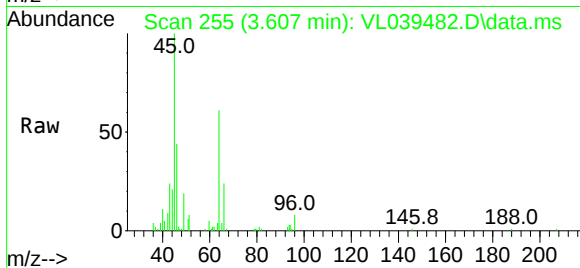
Tgt Ion:101 Resp: 1321549
Ion Ratio Lower Upper
101 100
151 74.6 58.9 88.3





#13
Ethanol
Concen: 4.979 ppbv
RT: 3.607 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

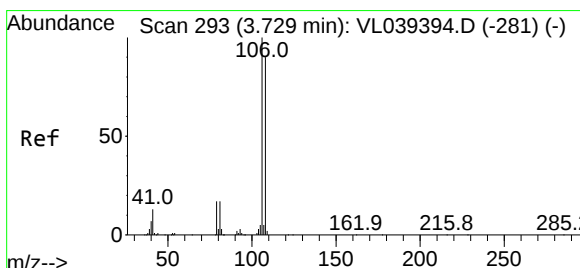
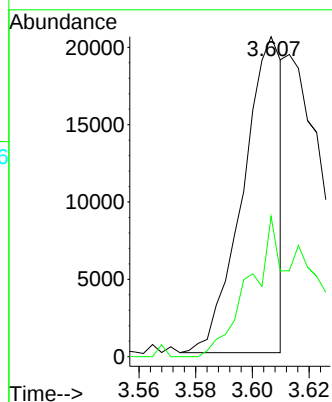
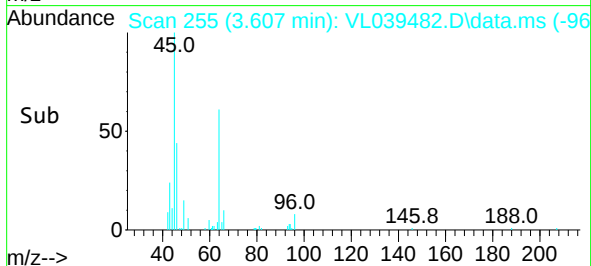
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



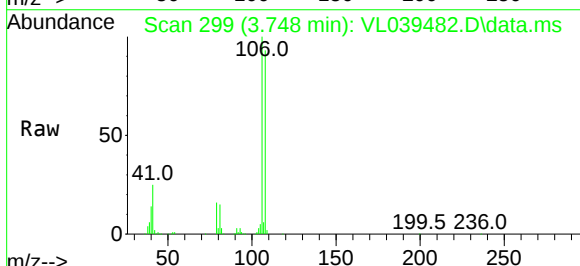
Tgt Ion: 45 Resp: 1954
Ion Ratio Lower Upper
45 100
46 97.8 22.8 91.2

Manual Integrations
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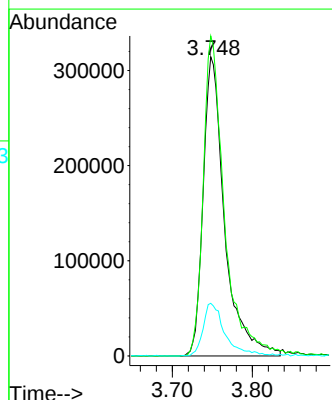
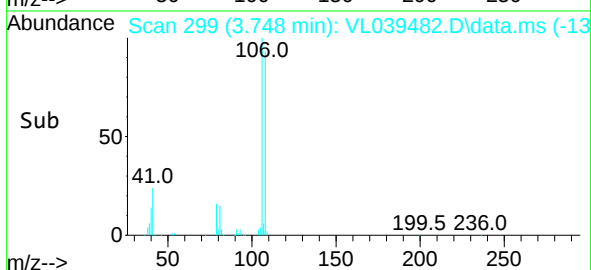
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

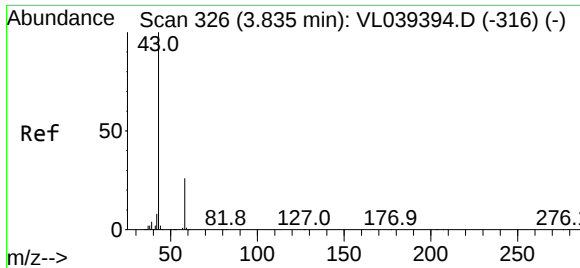


#14
Bromoethene
Concen: 9.881 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.019 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



Tgt Ion:108 Resp: 587787
Ion Ratio Lower Upper
108 100
106 107.2 87.1 130.7
79 18.5 14.6 22.0





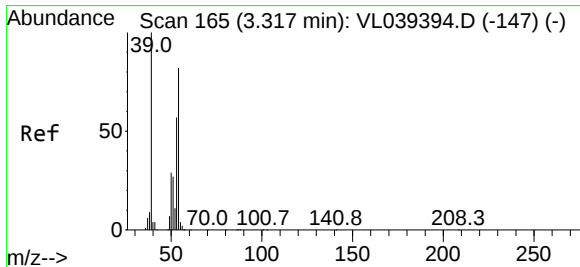
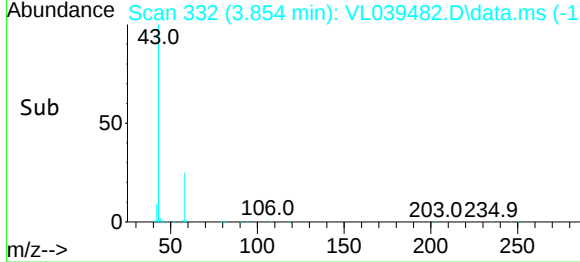
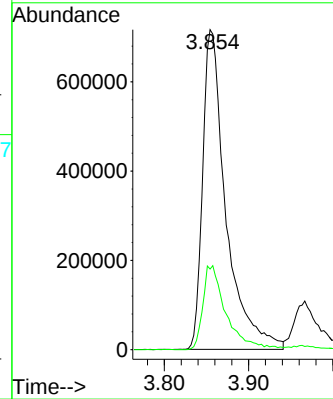
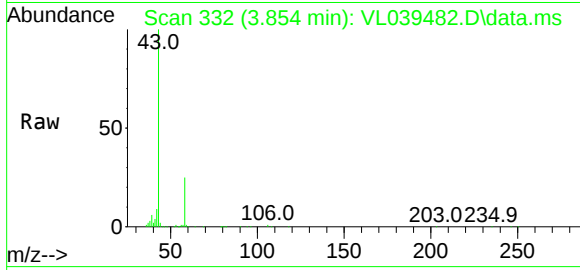
#15
Acetone
Concen: 9.849 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01

Tgt Ion: 43 Resp: 137591
Ion Ratio Lower Upper
43 100
58 26.5 21.0 31.6

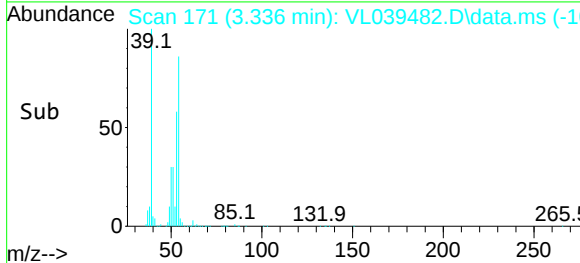
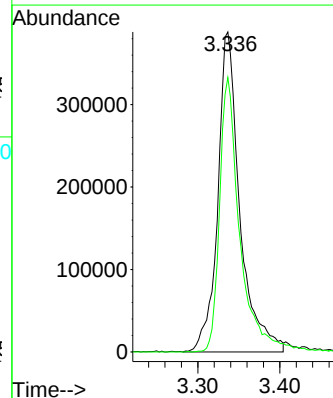
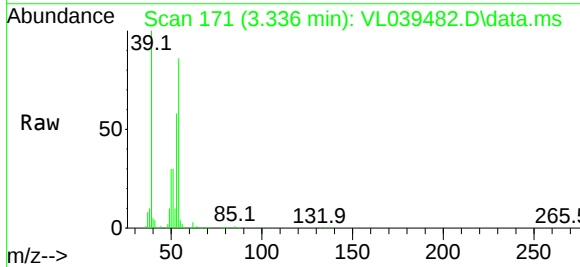
Manual Integrations
APPROVED

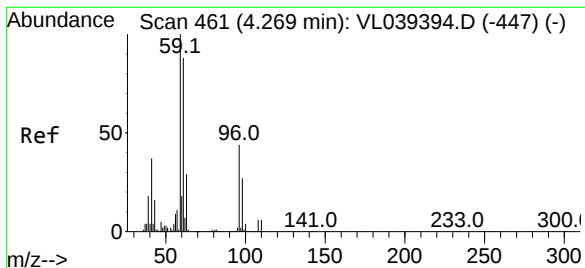
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
1,3-Butadiene
Concen: 10.020 ppbv
RT: 3.336 min Scan# 171
Delta R.T. 0.019 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion: 39 Resp: 726279
Ion Ratio Lower Upper
39 100
54 79.4 63.7 95.5





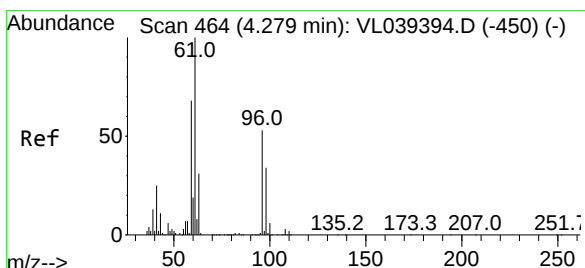
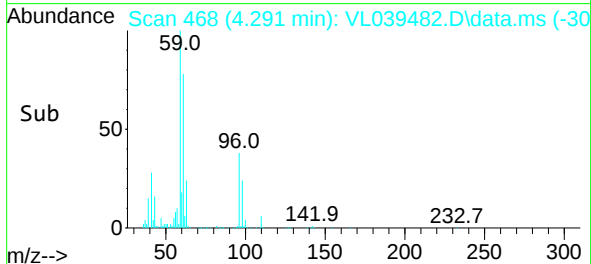
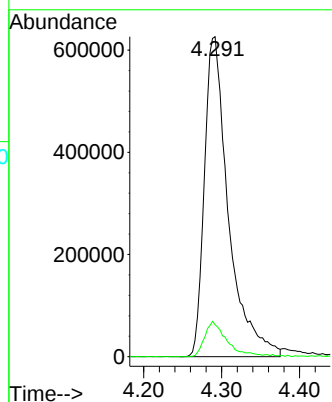
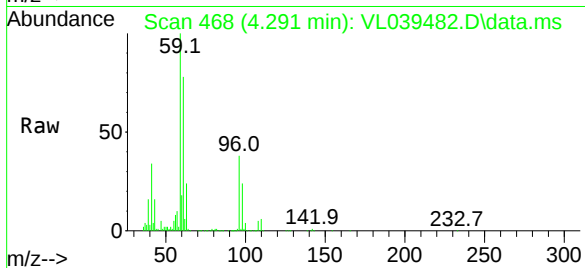
#17
tert-Butyl alcohol
Concen: 11.341 ppbv
RT: 4.291 min Scan# 40
Delta R.T. 0.022 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01

Tgt Ion: 59 Resp: 134466
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

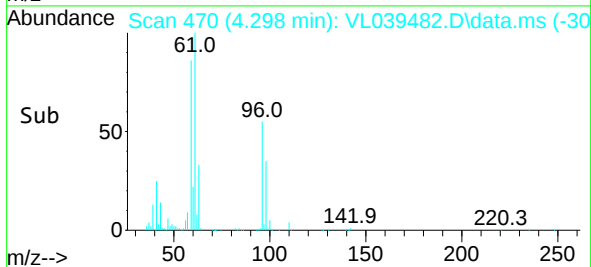
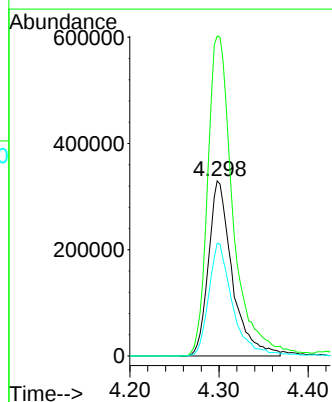
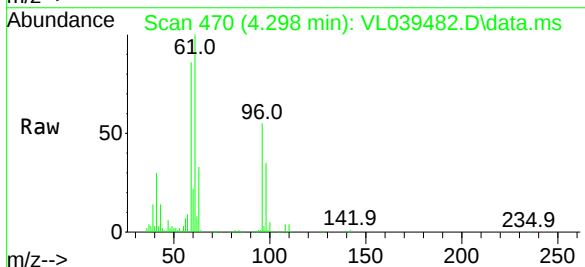
Manual Integrations
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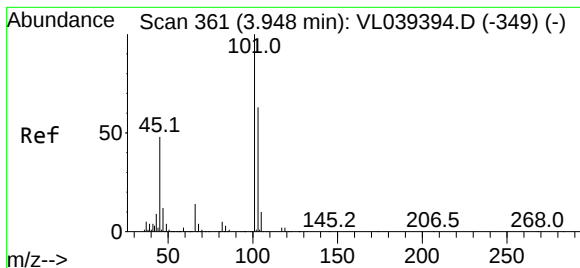
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#18
1,1-Dichloroethene
Concen: 9.519 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

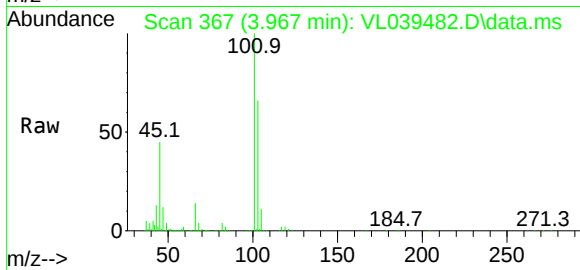
Tgt Ion: 96 Resp: 610161
Ion Ratio Lower Upper
96 100
61 182.8 152.2 228.4
98 64.4 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.733 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

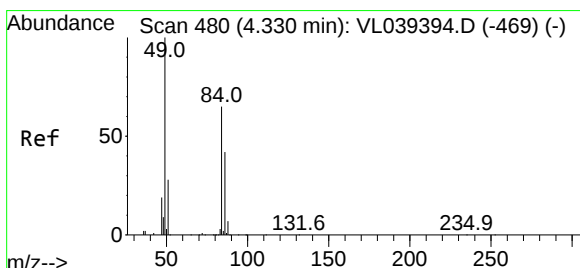
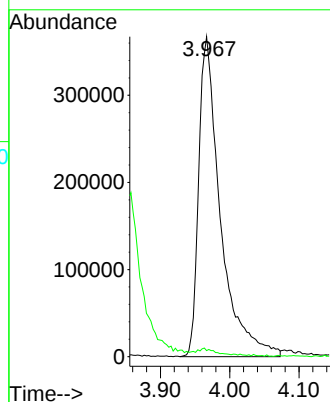
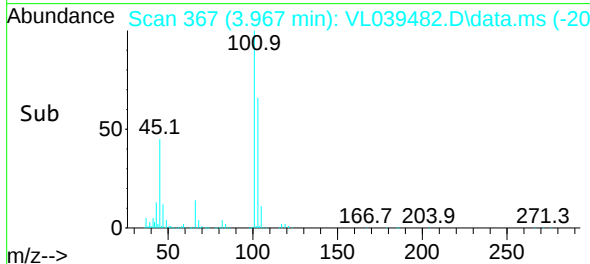
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



Tgt Ion: 45 Resp: 799798
Ion Ratio Lower Upper
45 100
58 3.1 3.2 4.8

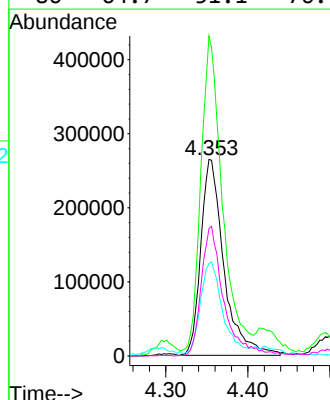
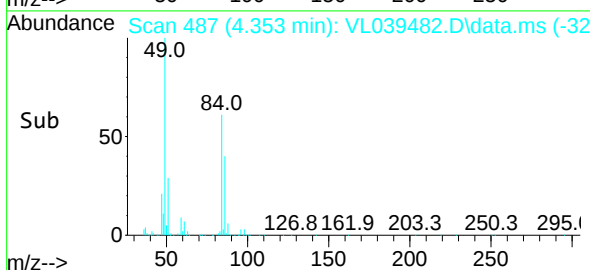
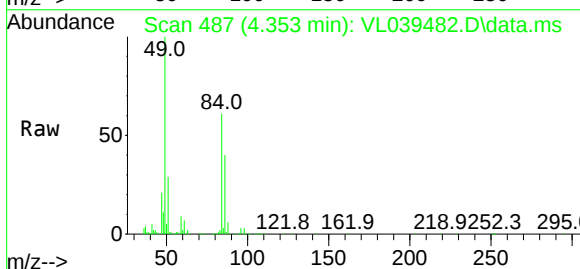
Manual Integrations
APPROVED

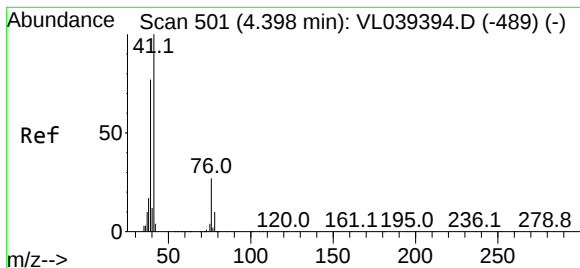
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 9.288 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion: 84 Resp: 517206
Ion Ratio Lower Upper
84 100
49 160.6 123.1 184.7
51 44.9 34.4 51.6
86 64.7 51.1 76.7





#21

Allyl Chloride

Concen: 9.895 ppbv

RT: 4.420 min Scan# 501

Delta R.T. 0.022 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion: 41 Resp: 95741

Ion Ratio Lower Upper

41 100

76 30.2 24.4 36.6

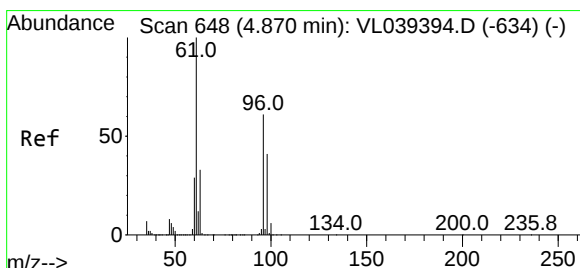
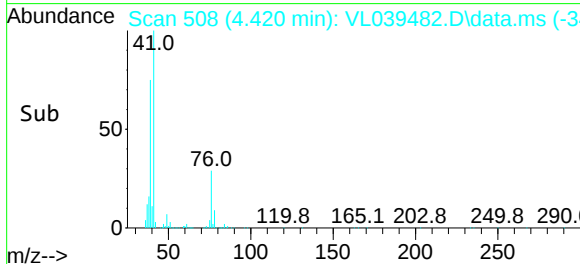
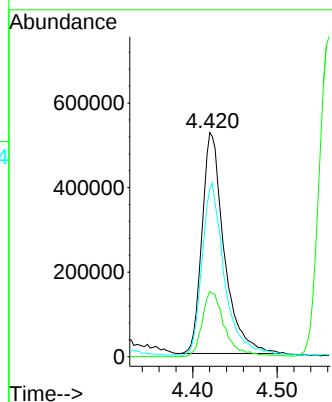
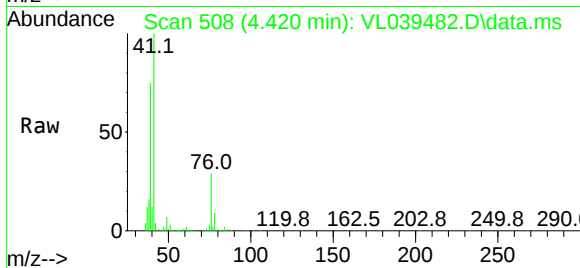
39 78.3 63.5 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#22

trans-1,2-Dichloroethene

Concen: 9.746 ppbv

RT: 4.896 min Scan# 656

Delta R.T. 0.026 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

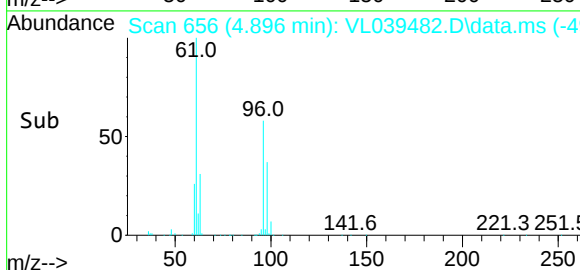
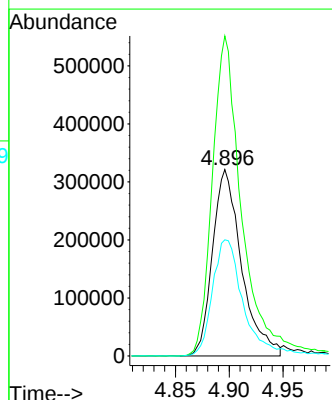
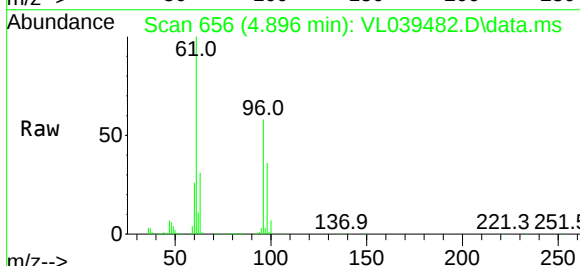
Tgt Ion: 96 Resp: 604725

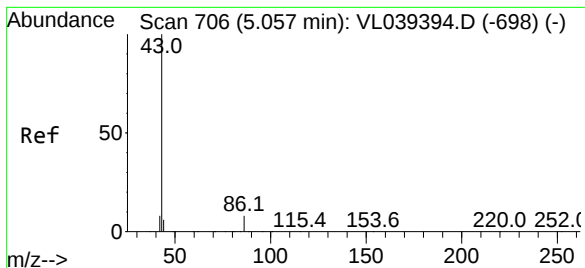
Ion Ratio Lower Upper

96 100

61 171.6 130.6 195.8

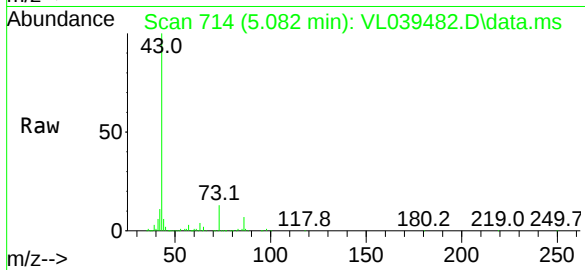
98 62.4 53.4 80.0





#23
 Vinyl Acetate
 Concen: 11.387 ppbv
 RT: 5.082 min Scan# 714
 Delta R.T. 0.026 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01

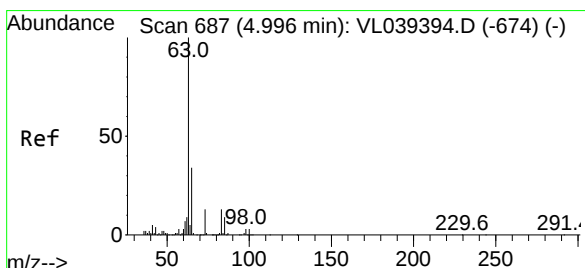
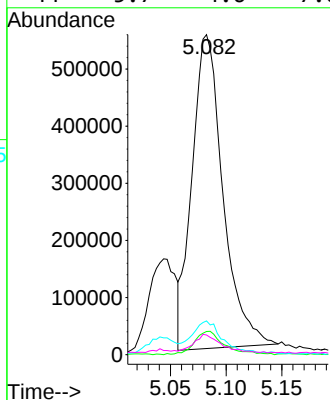
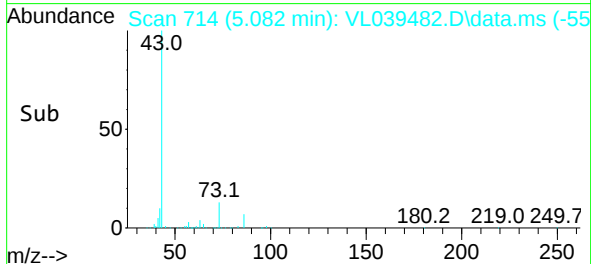


Tgt Ion: 43 Resp: 106308

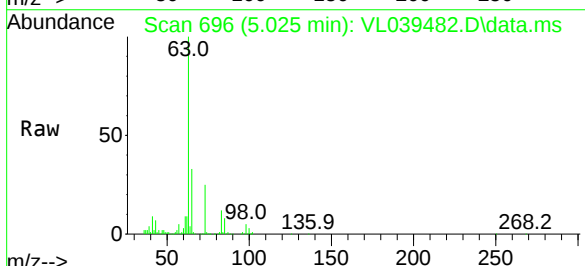
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.0	7.6
42	10.6	7.7	11.5
44	5.7	4.6	7.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

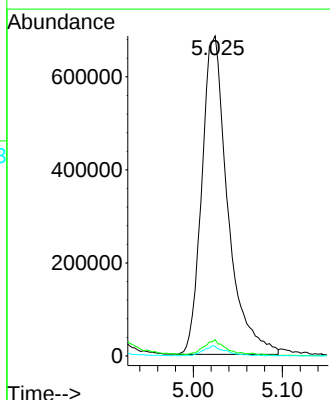
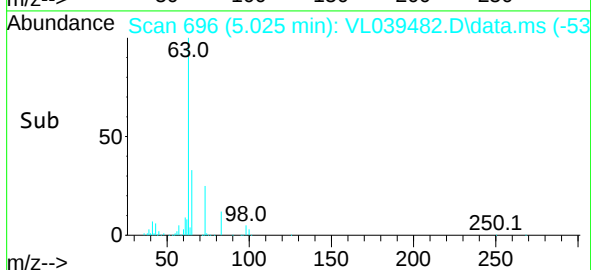


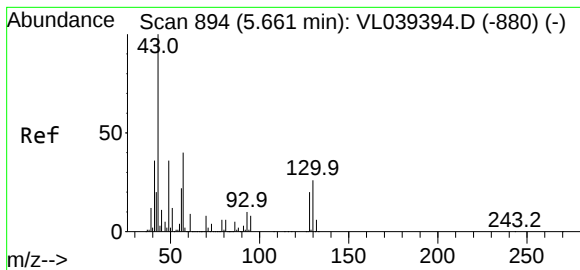
#24
 1,1-Dichloroethane
 Concen: 10.483 ppbv
 RT: 5.025 min Scan# 696
 Delta R.T. 0.029 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38



Tgt Ion: 63 Resp: 1382174

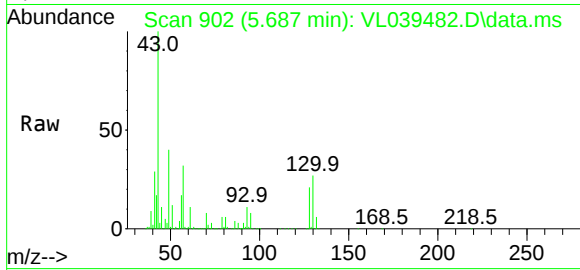
Ion	Ratio	Lower	Upper
63	100		
98	5.0	1.8	5.3
100	3.0	1.5	4.4





#25
Ethyl Acetate
Concen: 10.286 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

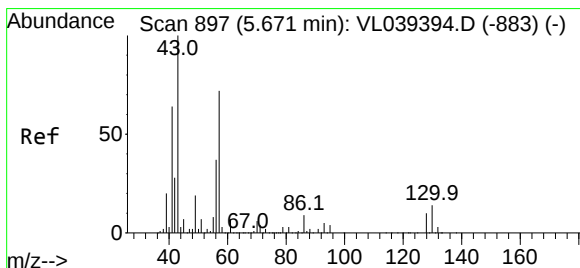
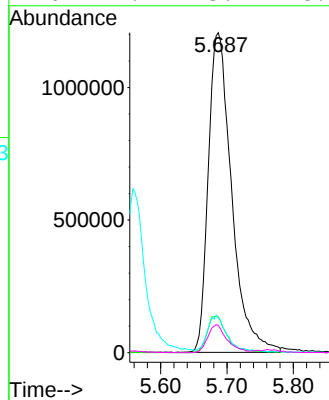
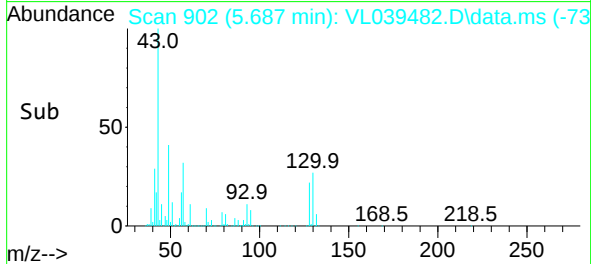
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



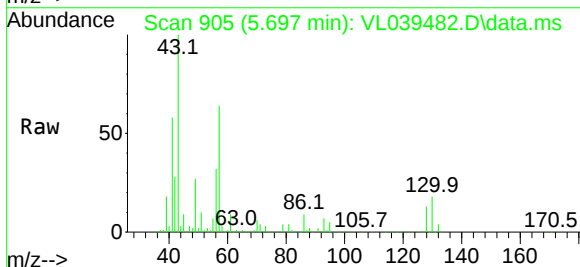
Tgt Ion: 43 Resp: 2946409
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 9.7 8.3 12.5
70 7.2 5.9 8.9

Manual Integrations
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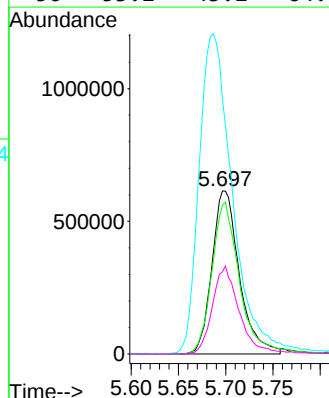
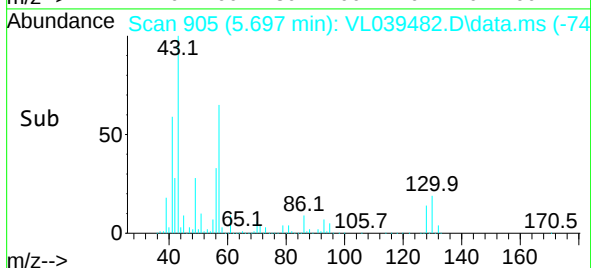
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

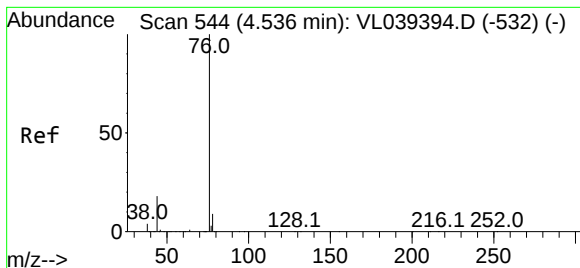


#26
Hexane
Concen: 10.740 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



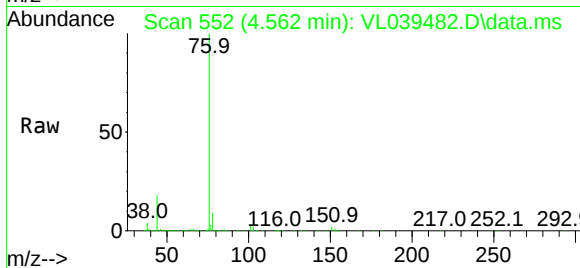
Tgt Ion: 57 Resp: 1240124
Ion Ratio Lower Upper
57 100
41 94.9 76.9 115.3
43 241.3 191.0 286.6
56 53.2 43.2 64.8





#27
Carbon Disulfide
Concen: 10.617 ppbv
RT: 4.562 min Scan# 51
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

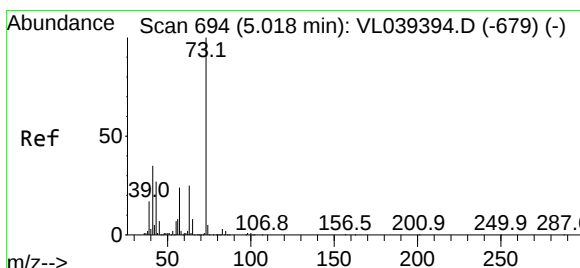
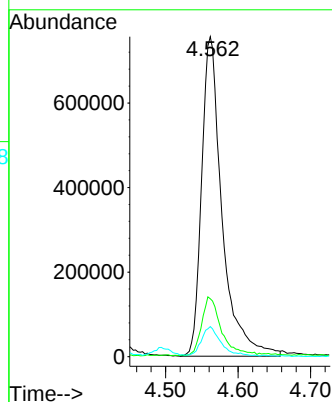
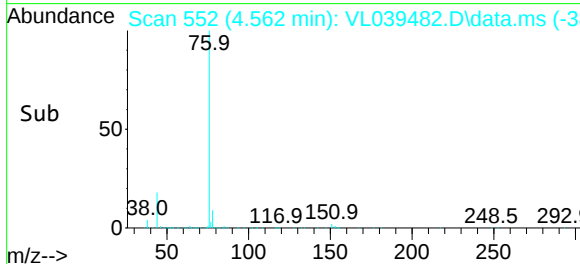
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



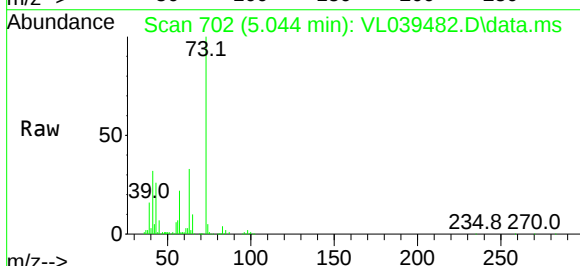
Tgt Ion: 76 Resp: 1479762
Ion Ratio Lower Upper
76 100
44 18.1 14.6 21.8
78 10.0 7.8 11.6

Manual Integrations
APPROVED

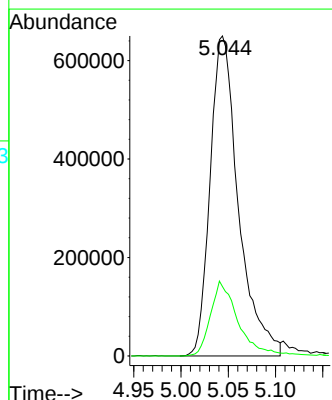
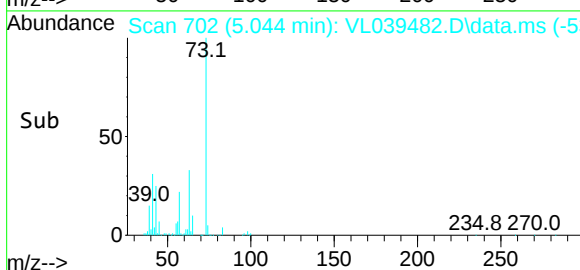
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

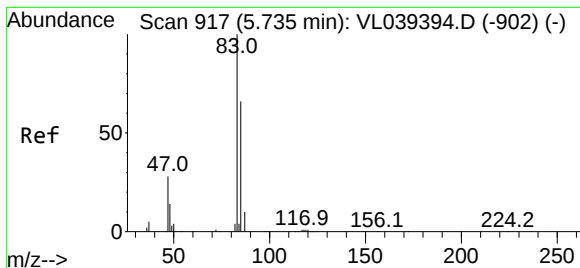


#28
Methyl tert-Butyl Ether
Concen: 10.971 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



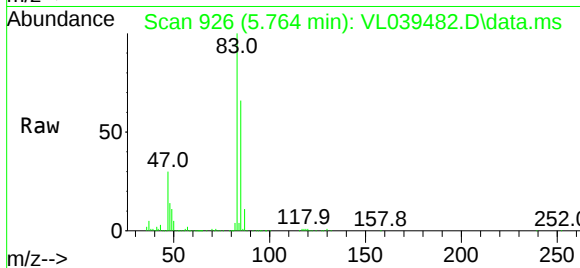
Tgt Ion: 73 Resp: 1354488
Ion Ratio Lower Upper
73 100
57 23.3 19.8 29.8





#29
Chloroform
Concen: 9.879 ppbv
RT: 5.764 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

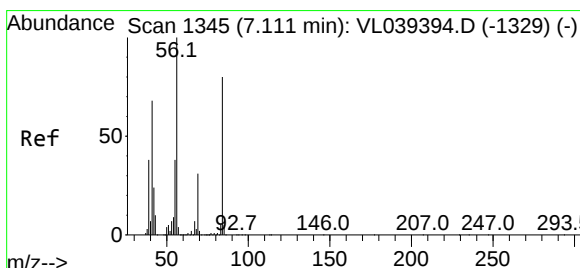
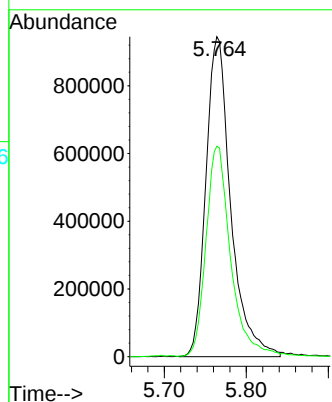
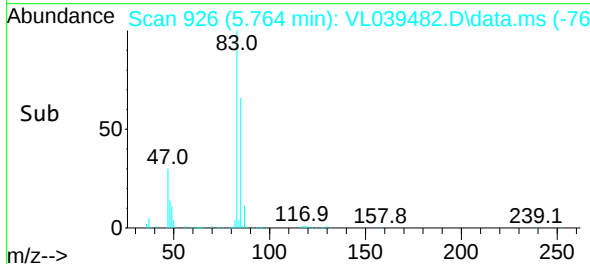
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



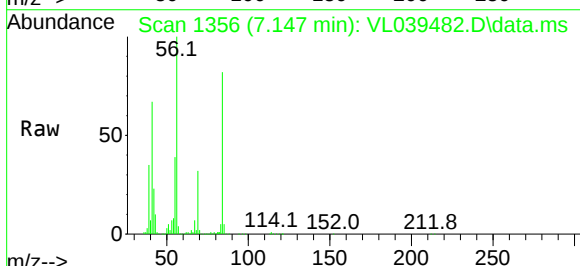
Tgt Ion: 83 Resp: 198356
Ion Ratio Lower Upper
83 100
85 65.5 52.8 79.2

Manual Integrations
APPROVED

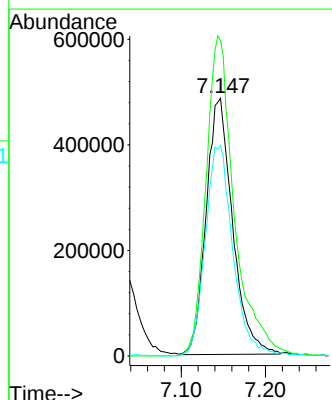
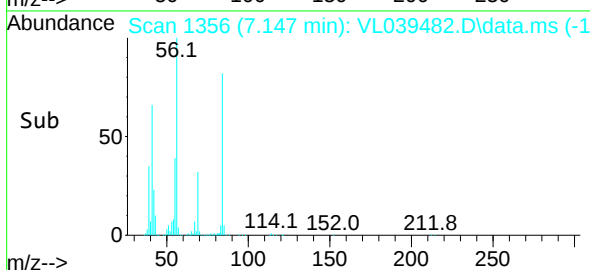
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

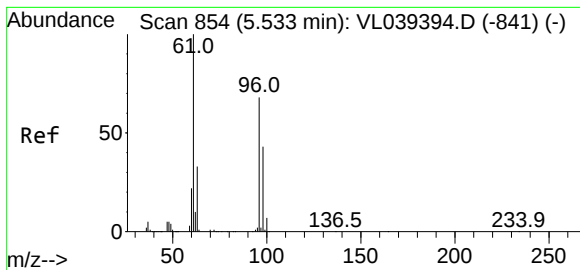


#30
Cyclohexane
Concen: 10.090 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



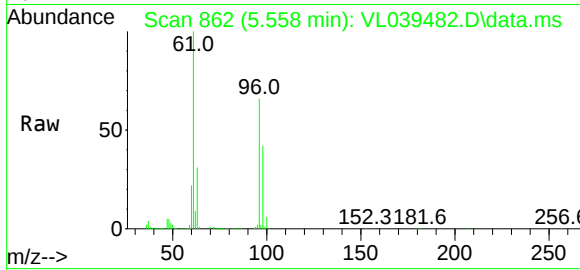
Tgt Ion: 84 Resp: 1060662
Ion Ratio Lower Upper
84 100
56 134.5 107.7 161.5
41 86.3 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.190 ppbv
RT: 5.558 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

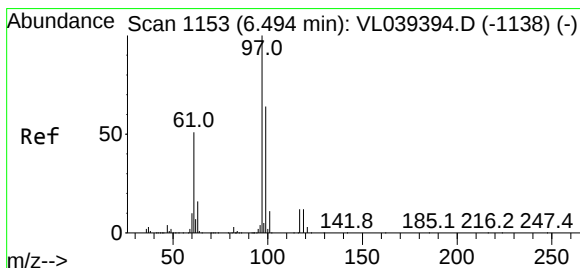
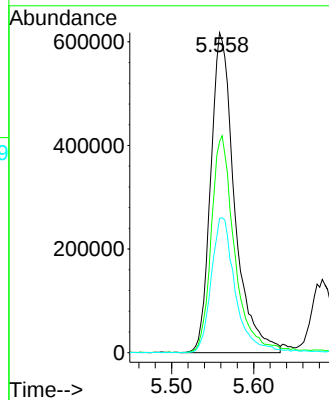
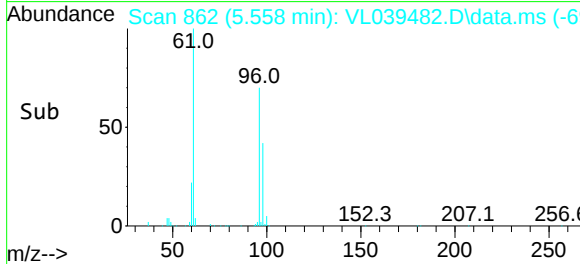
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



Tgt Ion: 61 Resp: 124839
Ion Ratio Lower Upper
61 100
96 65.8 54.1 81.1
98 42.0 34.6 52.0

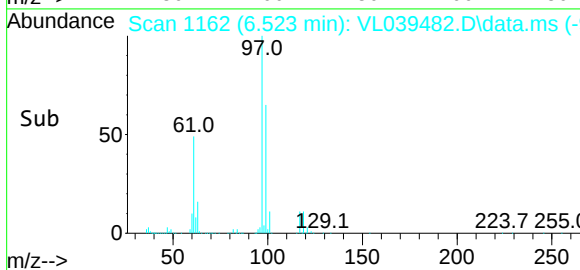
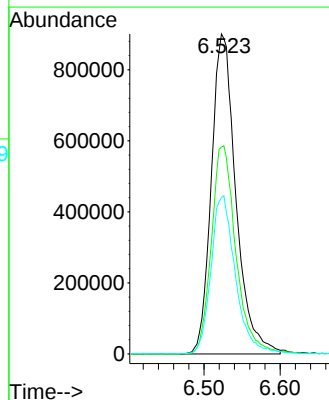
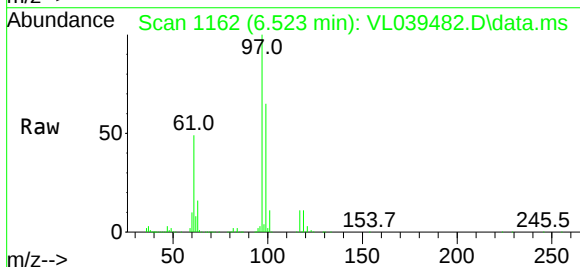
Manual Integrations
APPROVED

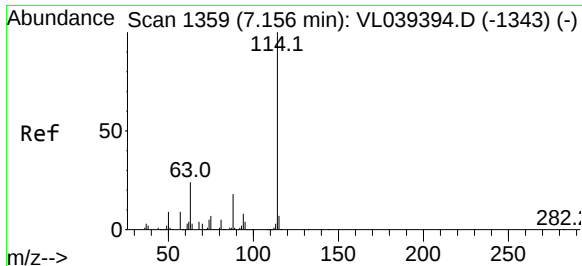
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#32
1,1,1-Trichloroethane
Concen: 10.191 ppbv
RT: 6.523 min Scan# 1162
Delta R.T. 0.029 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

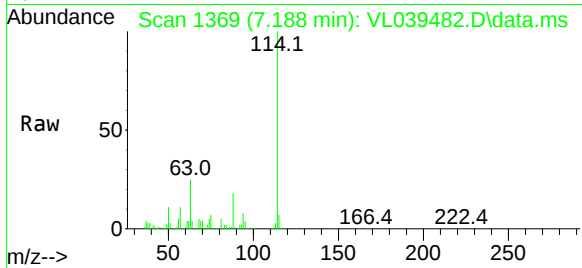
Tgt Ion: 97 Resp: 2019725
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 49.5 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 114
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

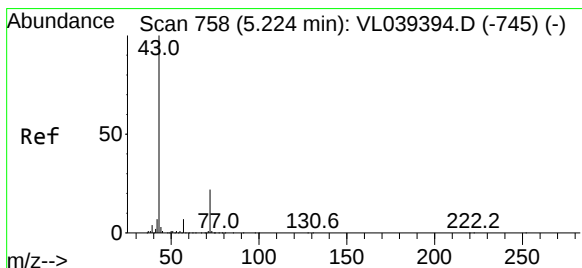
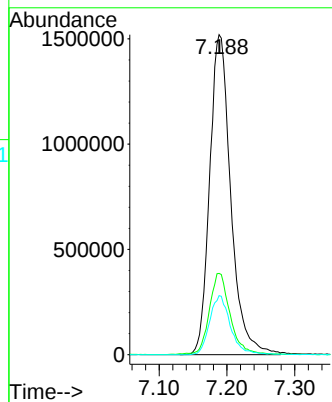
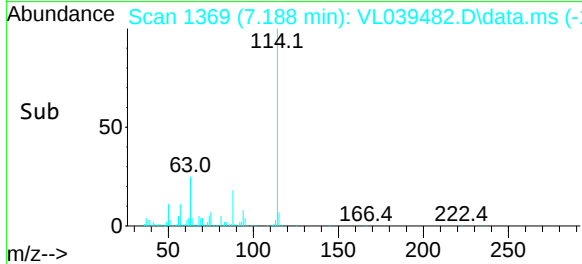
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



Tgt Ion:114 Resp: 3289809
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.3 14.5 21.7

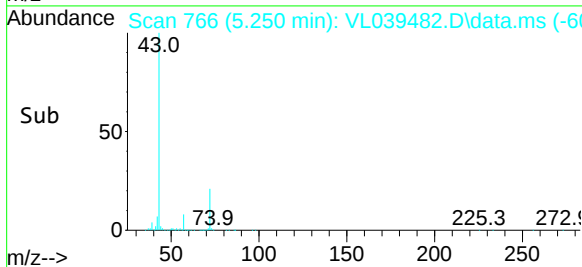
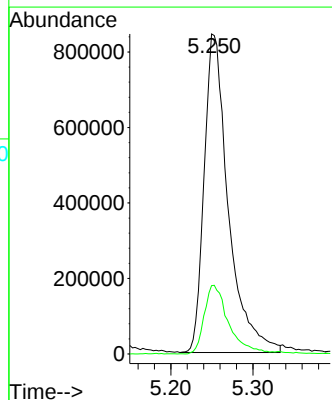
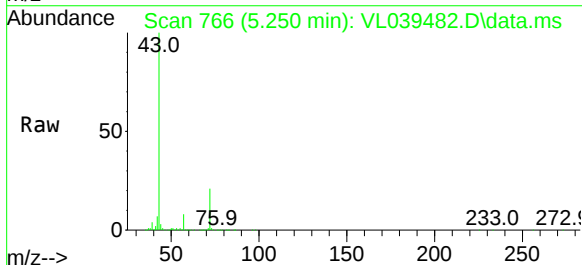
Manual Integrations
APPROVED

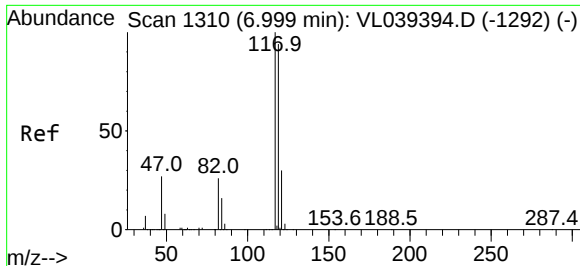
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 10.452 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

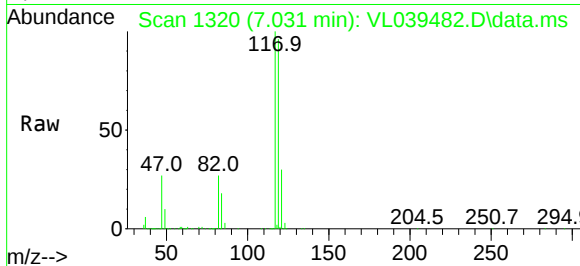
Tgt Ion: 43 Resp: 1730814
Ion Ratio Lower Upper
43 100
72 22.4 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.522 ppbv
RT: 7.031 min Scan# 11
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

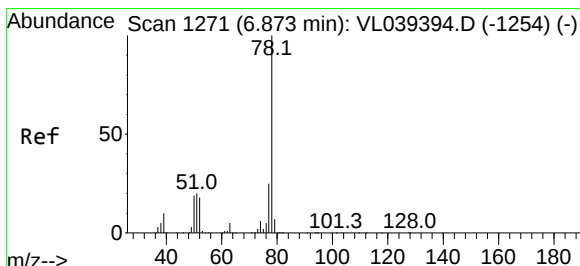
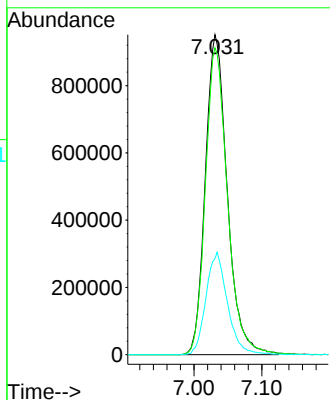
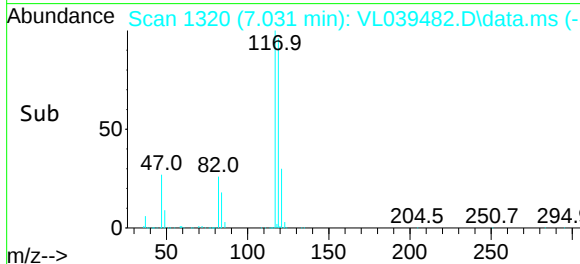
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



Tgt Ion: 117 Resp: 213899
Ion Ratio Lower Upper
117 100
119 95.9 75.4 113.2
121 30.0 24.2 36.2

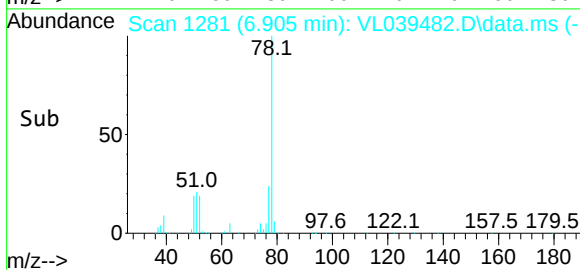
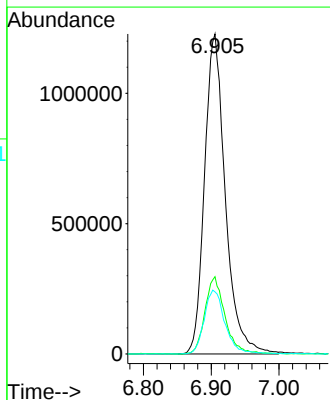
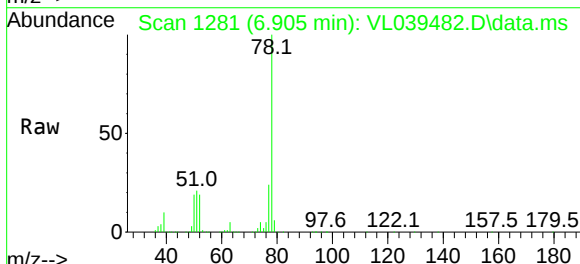
Manual Integrations
APPROVED

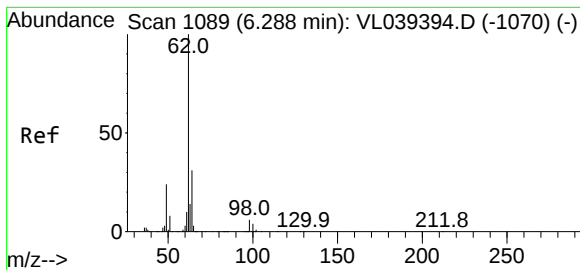
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#36
Benzene
Concen: 10.272 ppbv
RT: 6.905 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion: 78 Resp: 2615419
Ion Ratio Lower Upper
78 100
77 24.2 20.3 30.5
50 19.4 15.5 23.3





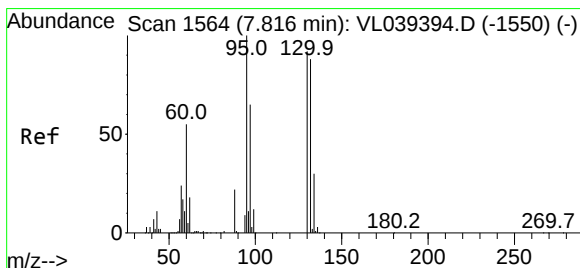
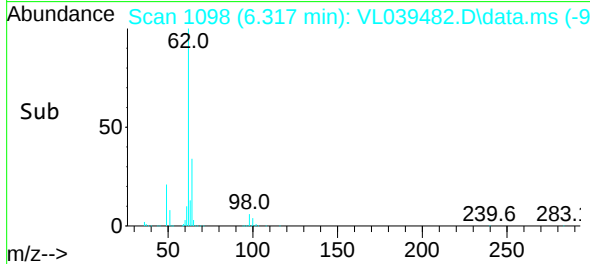
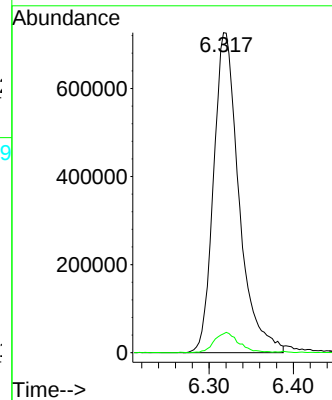
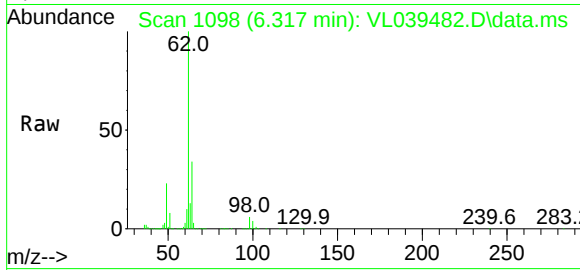
#37
1,2-Dichloroethane
Concen: 10.130 ppbv
RT: 6.317 min Scan# 1089
Delta R.T. 0.029 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01

Tgt Ion: 62 Resp: 152234
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

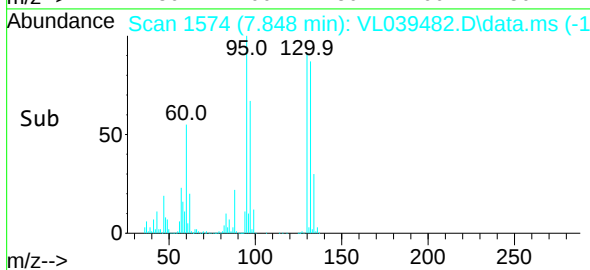
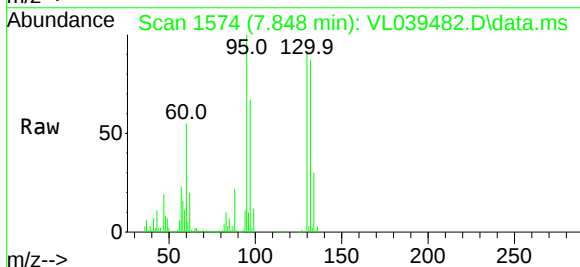
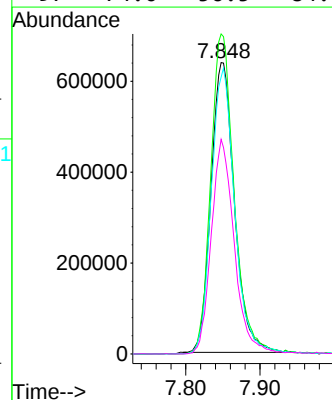
Manual Integrations
APPROVED

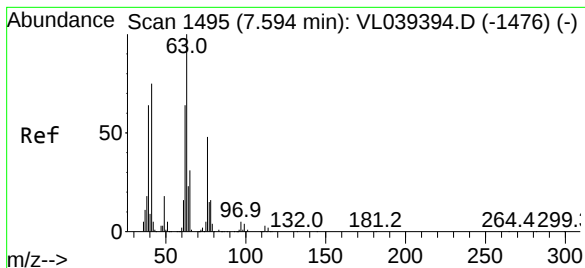
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#38
Trichloroethene
Concen: 10.148 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

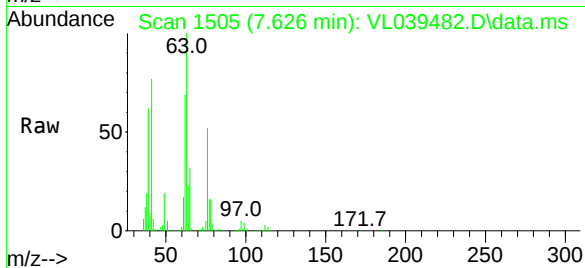
Tgt Ion:130 Resp: 1397468
Ion Ratio Lower Upper
130 100
95 110.3 87.3 130.9
132 95.4 76.7 115.1
97 74.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.186 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

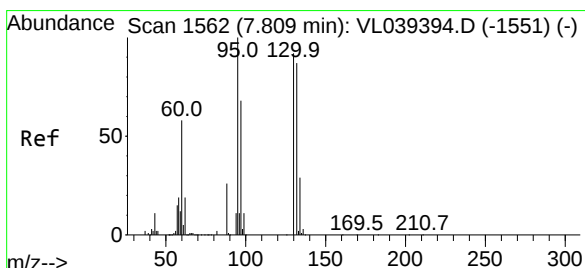
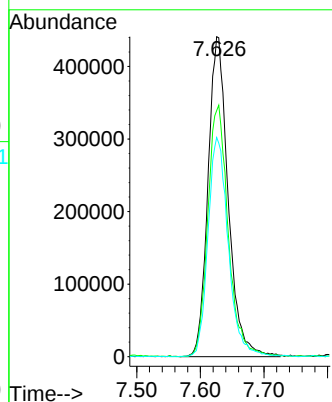
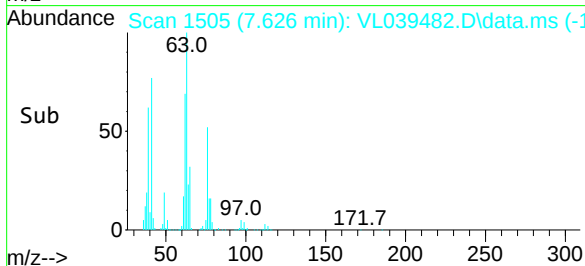
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



Tgt Ion: 63 Resp: 96885
Ion Ratio Lower Upper
63 100
41 76.9 59.6 89.4
62 68.4 51.4 77.0

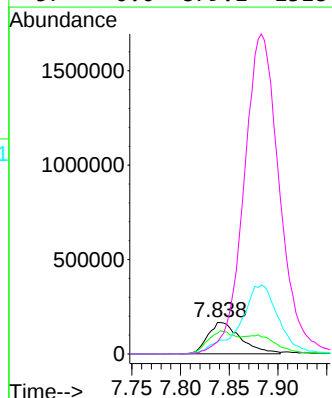
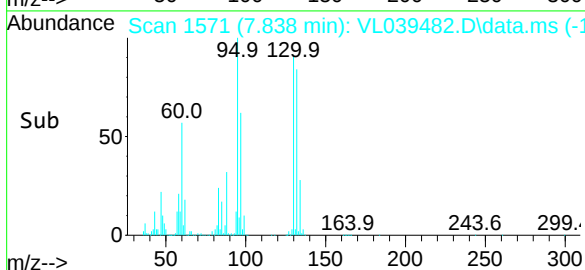
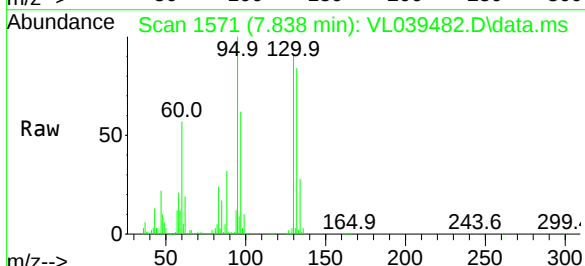
Manual Integrations
APPROVED

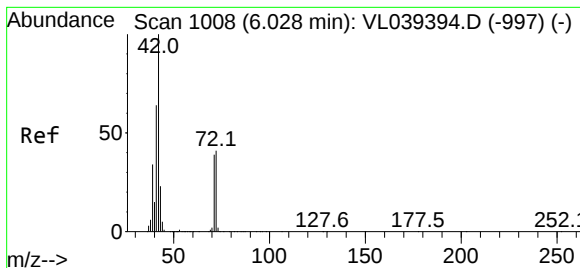
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#40
1,4-Dioxane
Concen: 10.315 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

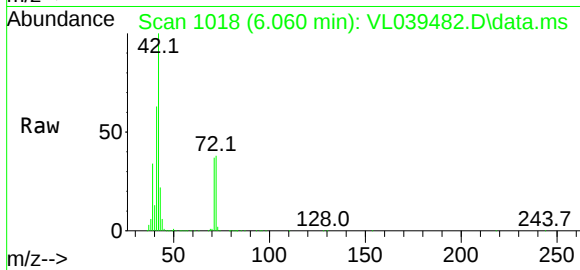
Tgt Ion: 88 Resp: 390992
Ion Ratio Lower Upper
88 100
58 124.6 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.591 ppbv
RT: 6.060 min Scan# 1018
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

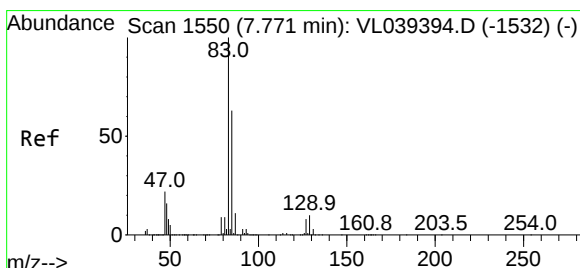
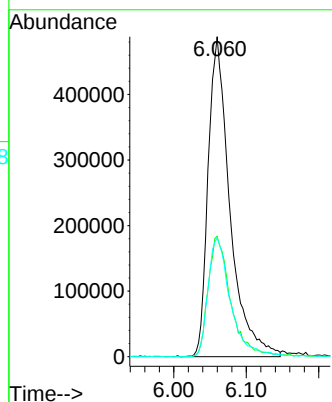
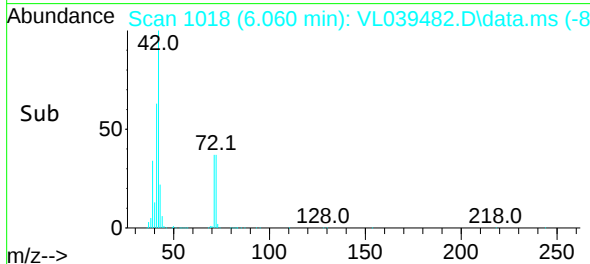
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



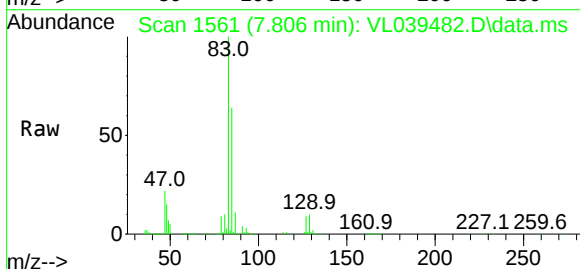
Tgt Ion: 42 Resp: 101638
Ion Ratio Lower Upper
42 100
72 39.3 31.8 47.8
71 38.9 31.8 47.8

Manual Integrations
APPROVED

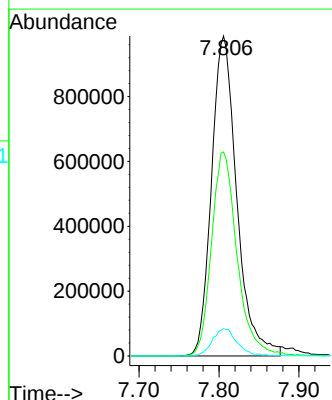
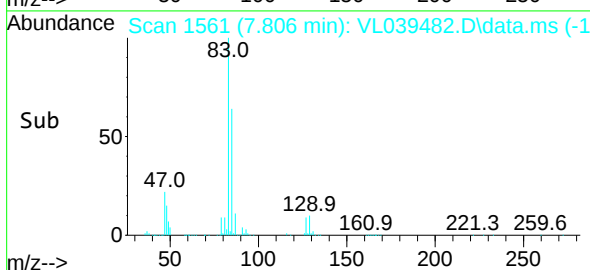
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

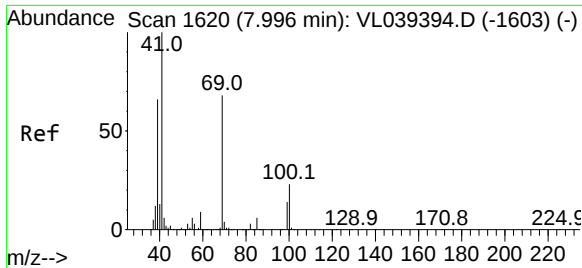


#42
Bromodichloromethane
Concen: 10.679 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



Tgt Ion: 83 Resp: 2163902
Ion Ratio Lower Upper
83 100
85 63.7 50.7 76.1
127 8.6 6.6 9.8





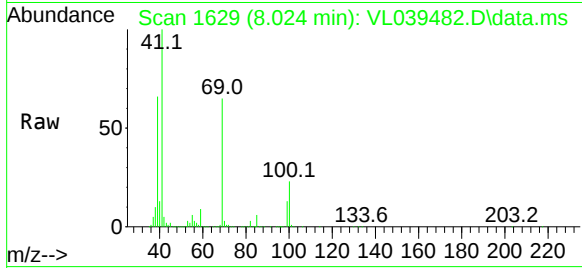
#43
Methyl Methacrylate
Concen: 10.955 ppbv
RT: 8.024 min Scan# 1060598
Delta R.T. 0.029 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

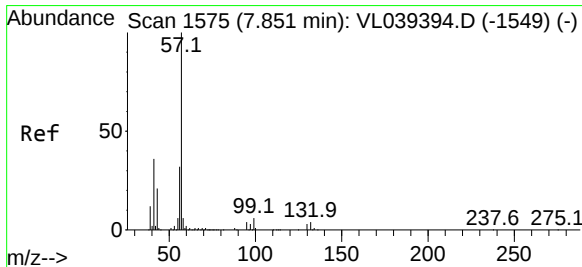
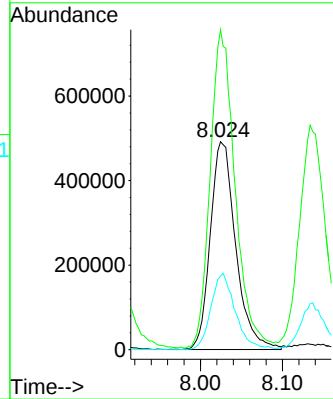
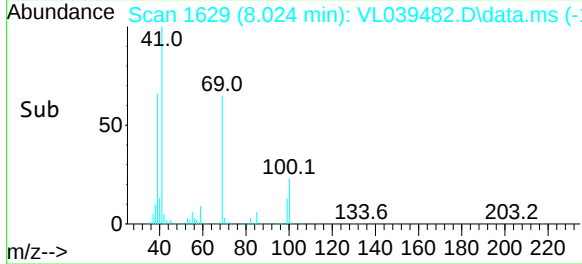
VL0719ABS01



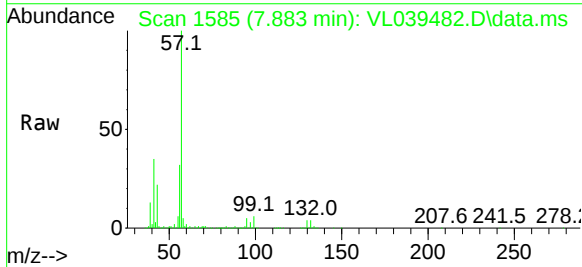
Tgt Ion: 69 Resp: 1060598
Ion Ratio Lower Upper
69 100
41 150.7 120.8 181.2
100 35.1 27.8 41.6

Manual Integrations
APPROVED

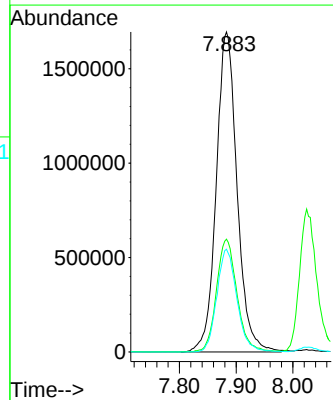
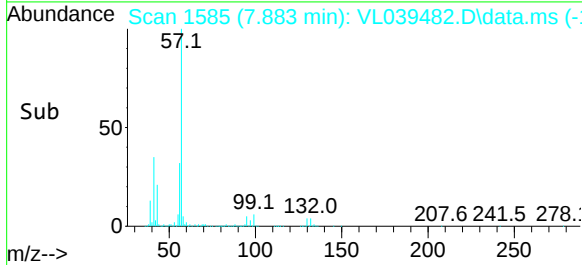
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

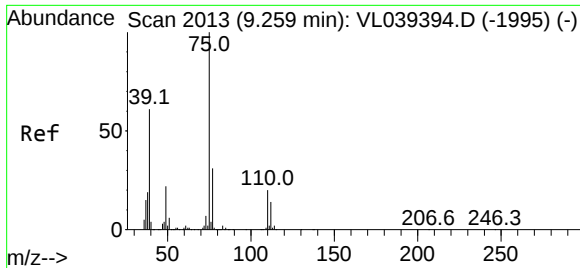


#44
2,2,4-Trimethylpentane
Concen: 10.023 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



Tgt Ion: 57 Resp: 4324579
Ion Ratio Lower Upper
57 100
41 34.6 27.4 41.2
56 31.1 24.5 36.7





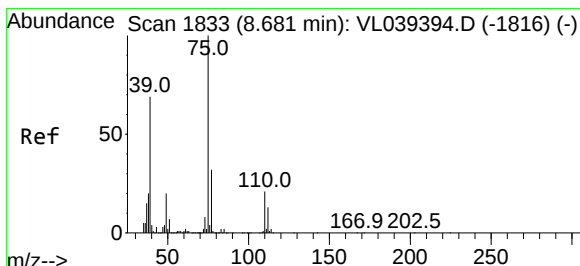
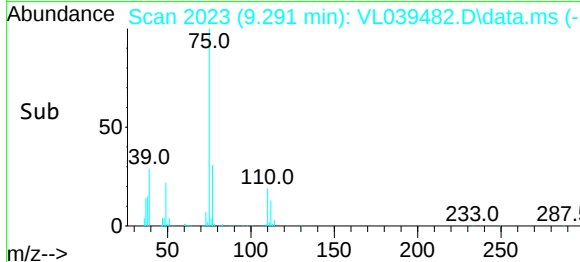
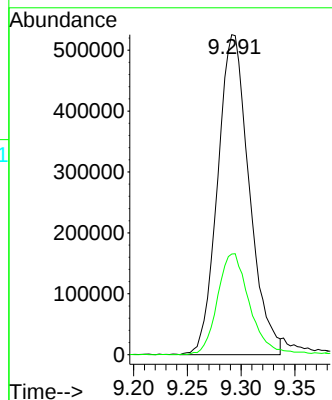
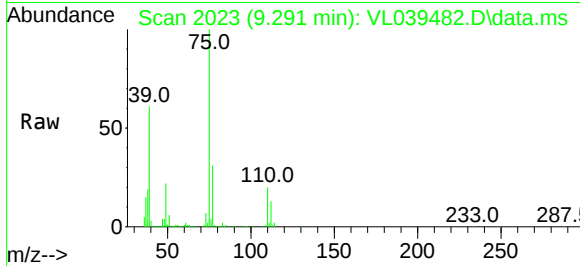
#45
 t-1,3-Dichloropropene
 Concen: 12.457 ppbv
 RT: 9.291 min Scan# 2013
 Delta R.T. 0.032 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01

Tgt Ion: 75 Resp: 107381
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8

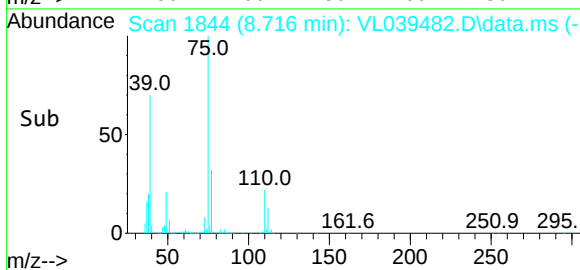
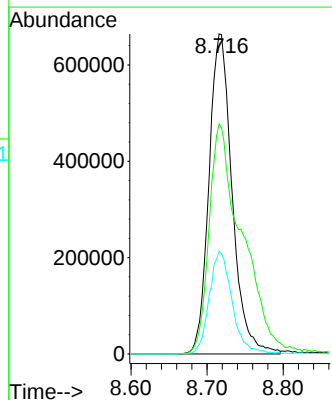
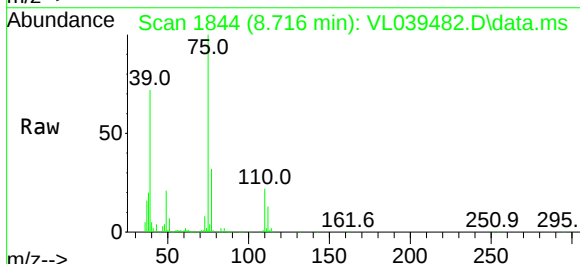
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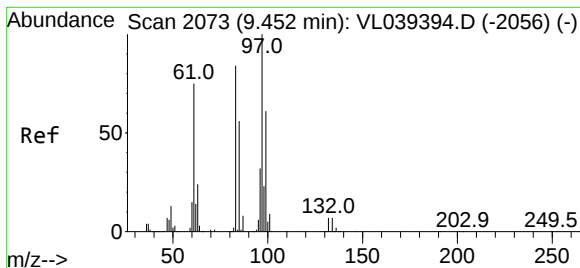
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#46
 cis-1,3-Dichloropropene
 Concen: 11.818 ppbv
 RT: 8.716 min Scan# 1844
 Delta R.T. 0.035 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

Tgt Ion: 75 Resp: 1402143
 Ion Ratio Lower Upper
 75 100
 39 71.8 55.0 82.4
 77 32.1 25.7 38.5





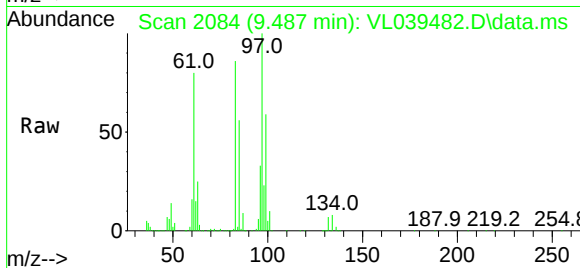
#47
1,1,2-Trichloroethane
Concen: 10.125 ppbv
RT: 9.487 min Scan# 2073
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01



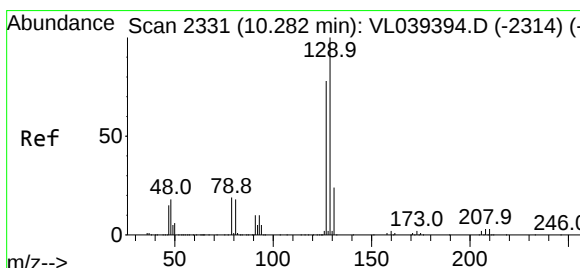
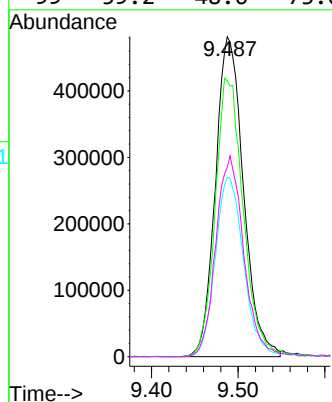
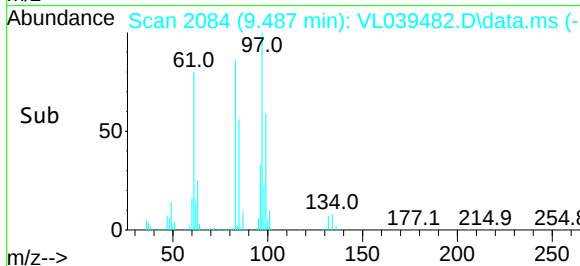
Tgt Ion: 97 Resp: 108063

Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.4	101.0
85	56.0	45.1	67.7
99	59.2	48.6	73.0

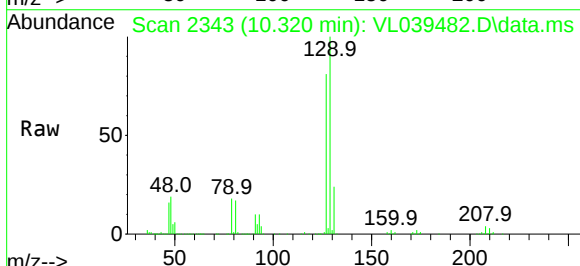
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Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

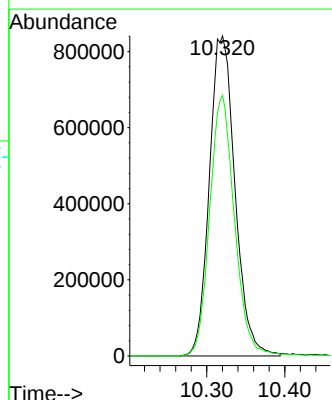
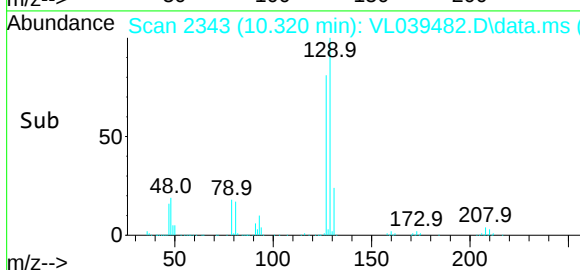


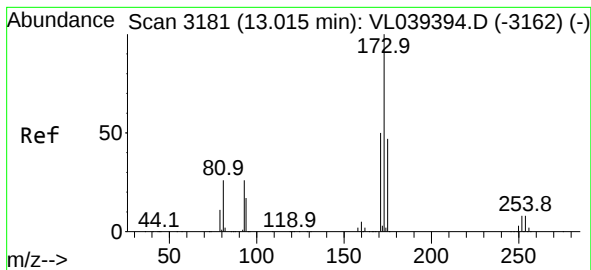
#48
Dibromochloromethane
Concen: 11.342 ppbv
RT: 10.320 min Scan# 2343
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



Tgt Ion:129 Resp: 1923877

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.3	117.9





#49

Bromoform

Concen: 11.773 ppbv

RT: 13.053 min Scan# 3181

Delta R.T. 0.038 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion:173 Resp: 161110

Ion Ratio Lower Upper

173 100

175 50.7 40.3 60.5

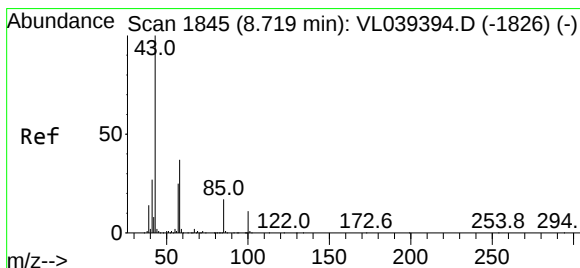
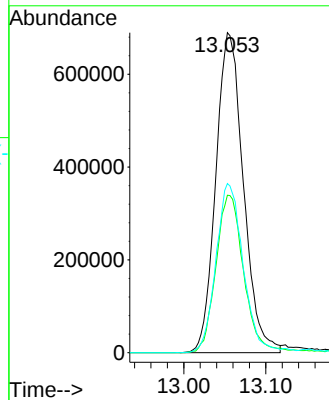
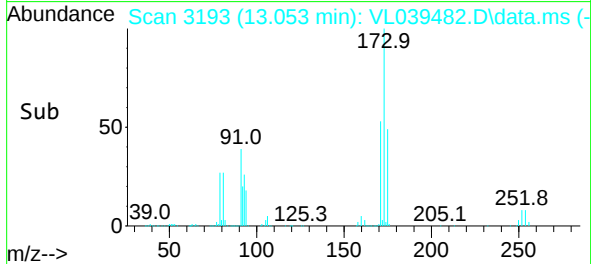
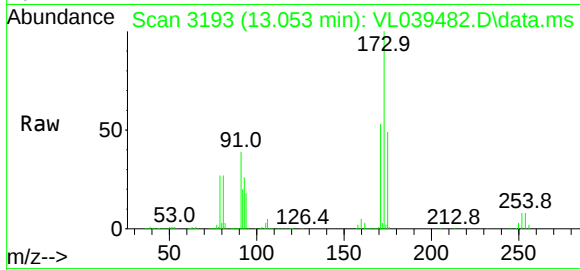
171 54.1 42.9 64.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#50

4-Methyl-2-Pentanone

Concen: 10.773 ppbv

RT: 8.751 min Scan# 1855

Delta R.T. 0.032 min

Lab File: VL039482.D

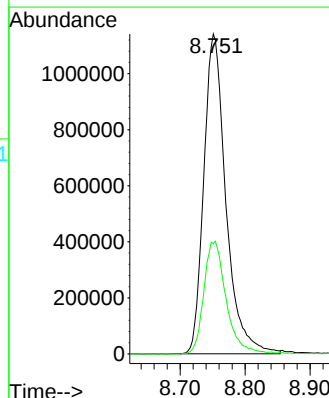
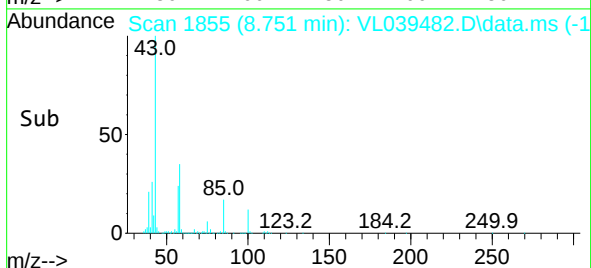
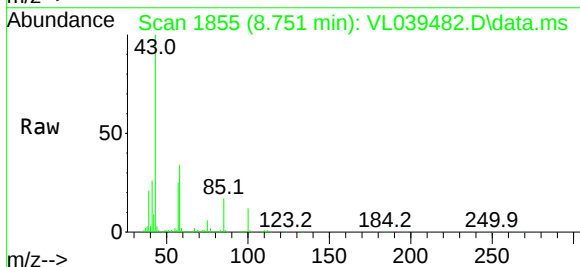
Acq: 19 Jul 2022 14:38

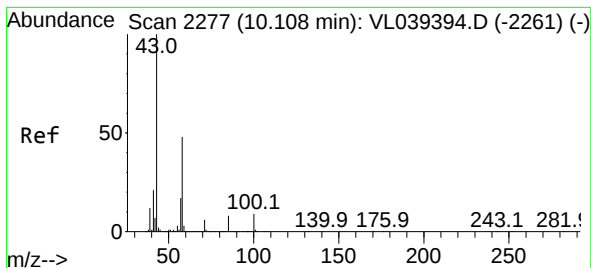
Tgt Ion: 43 Resp: 2697626

Ion Ratio Lower Upper

43 100

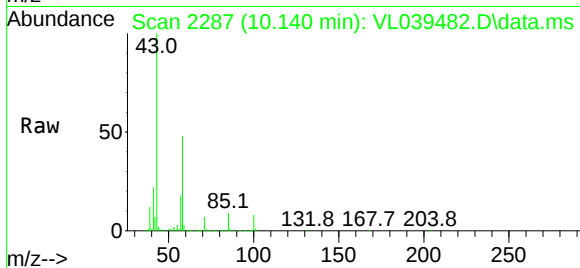
58 36.0 28.8 43.2





#51
2-Hexanone
Concen: 11.523 ppbv m
RT: 10.140 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

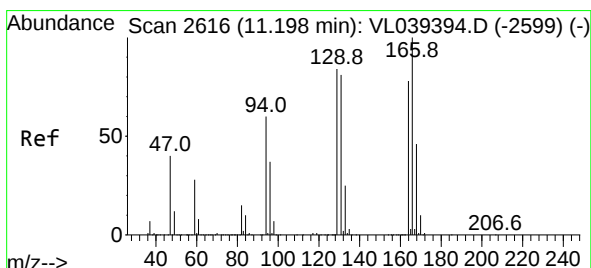
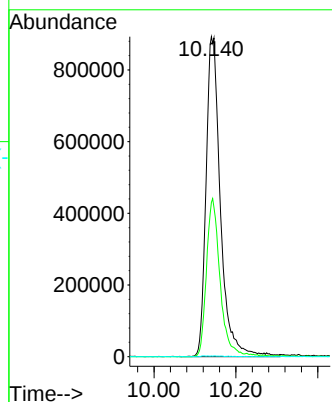
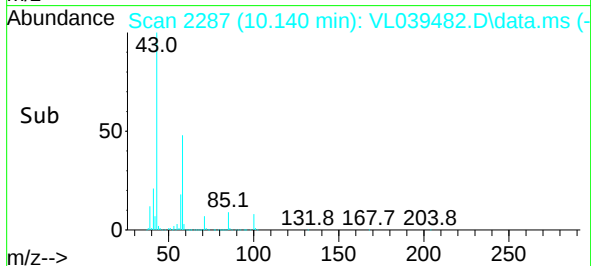
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



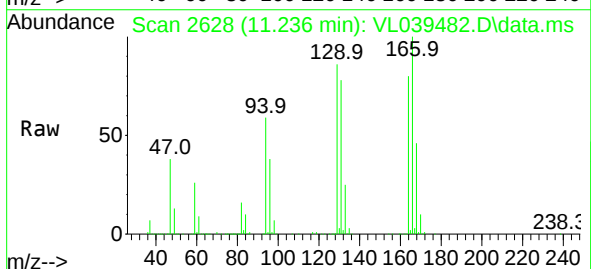
Tgt Ion: 43 Resp: 218242
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6
98 0.4 0.3 0.5

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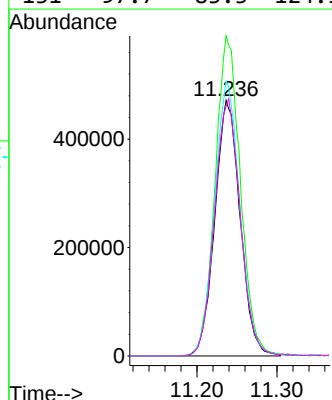
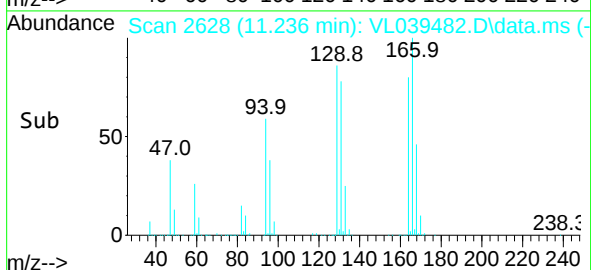
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

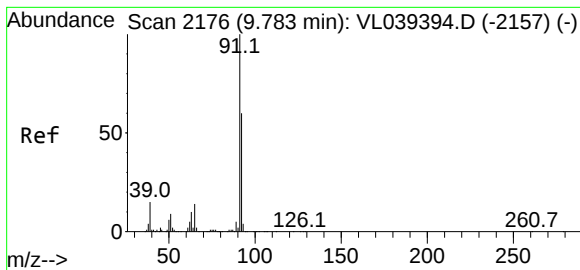


#52
Tetrachloroethene
Concen: 10.095 ppbv
RT: 11.236 min Scan# 2628
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



Tgt Ion:164 Resp: 1034707
Ion Ratio Lower Upper
164 100
166 125.2 102.2 153.2
129 107.6 85.8 128.8
131 97.7 83.3 124.9





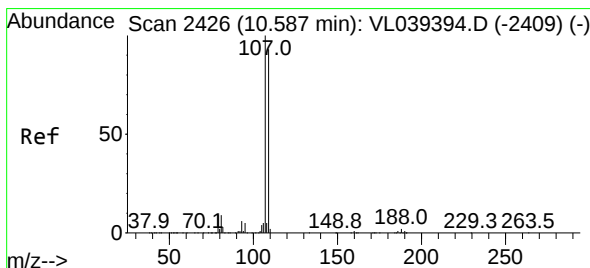
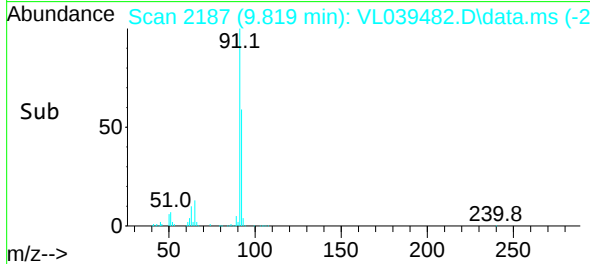
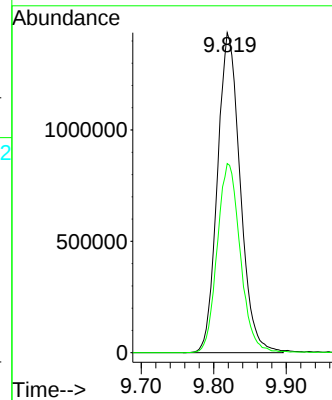
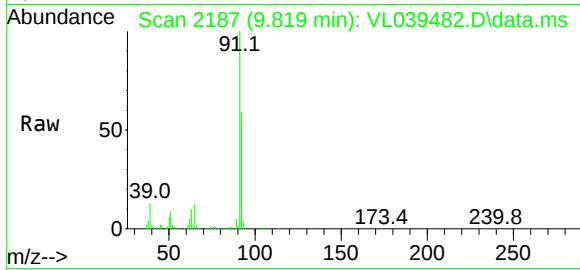
#53
Toluene
Concen: 10.669 ppbv
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01

Tgt Ion: 91 Resp: 313329
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.2

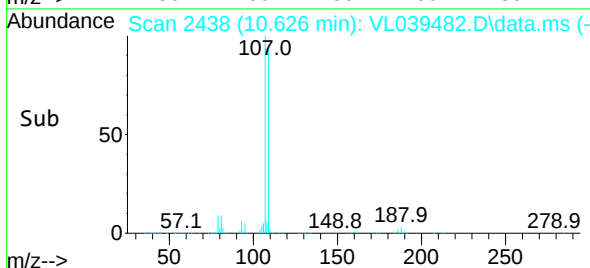
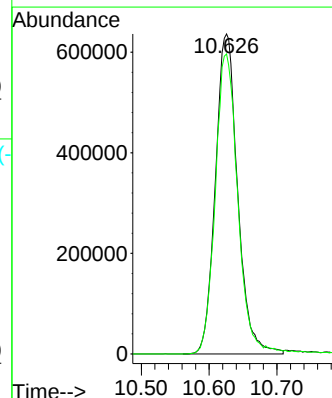
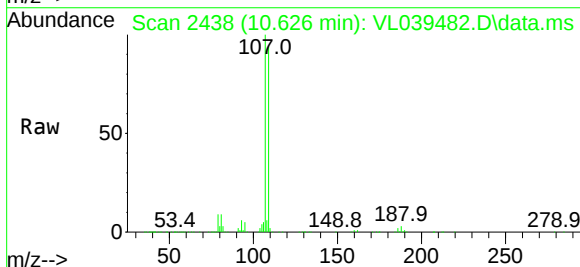
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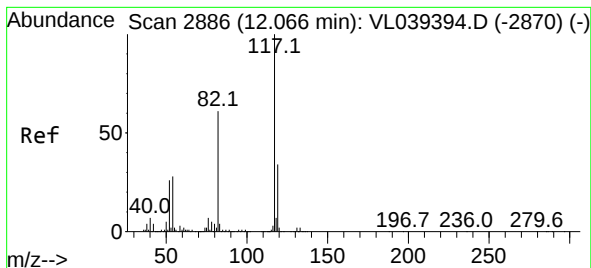
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#54
1,2-Dibromoethane
Concen: 10.922 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion:107 Resp: 1450453
Ion Ratio Lower Upper
107 100
109 93.8 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.101 min Scan# 2886

Delta R.T. 0.035 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion:117 Resp: 3237000

Ion Ratio Lower Upper

117 100

82 62.8 50.8 76.2

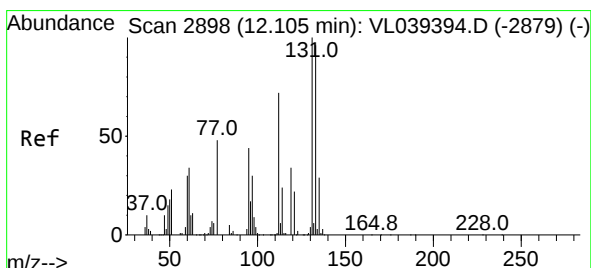
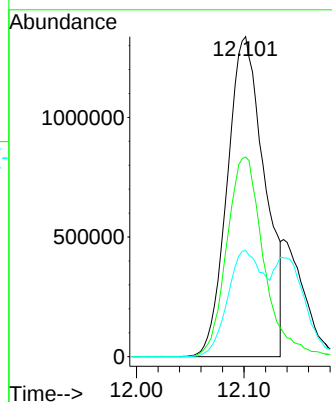
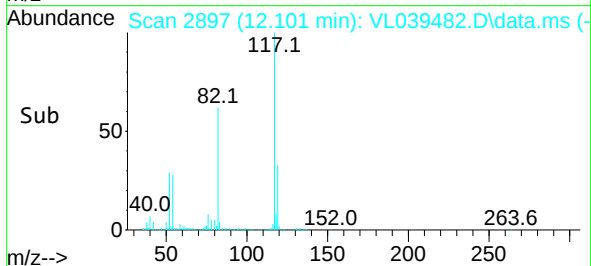
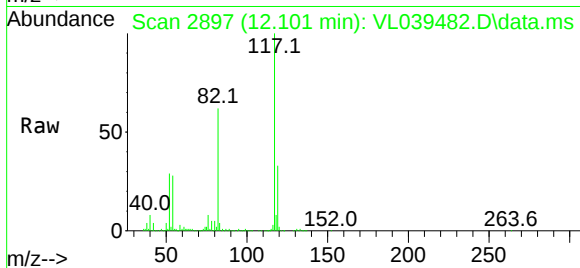
119 30.5 24.1 36.1

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.024 ppbv

RT: 12.140 min Scan# 2909

Delta R.T. 0.035 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

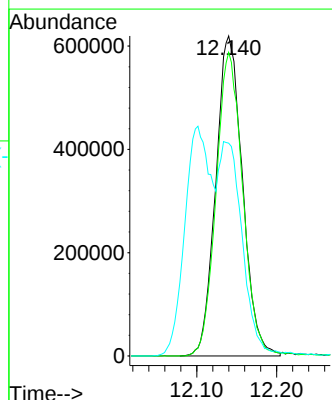
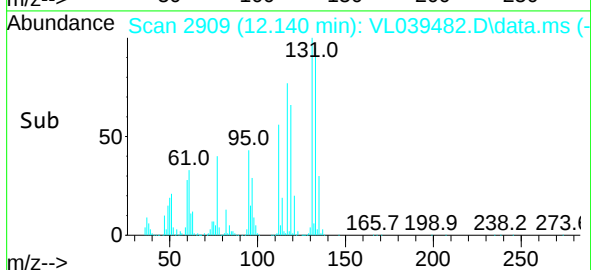
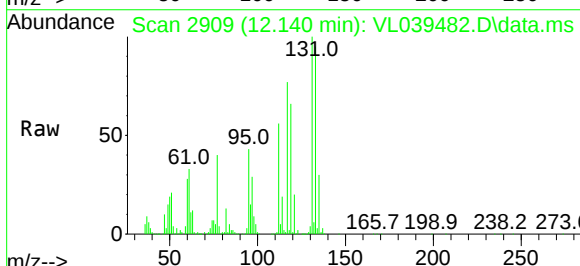
Tgt Ion:131 Resp: 1433389

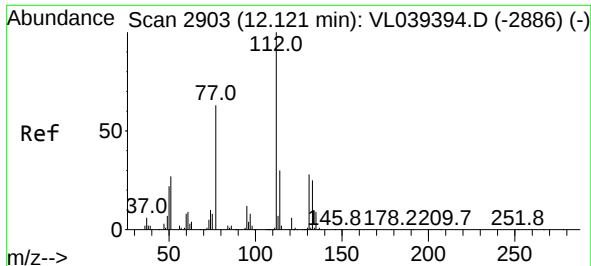
Ion Ratio Lower Upper

131 100

133 95.3 76.8 115.2

119 63.8 46.2 69.4





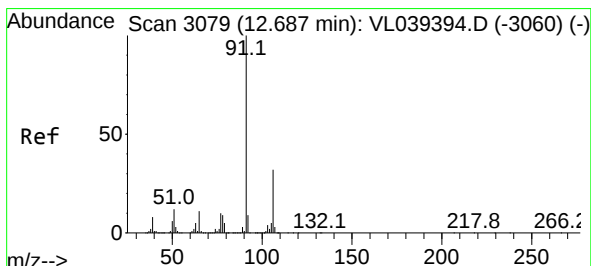
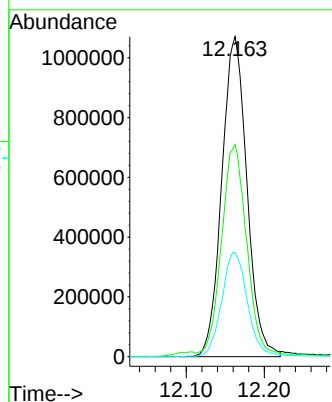
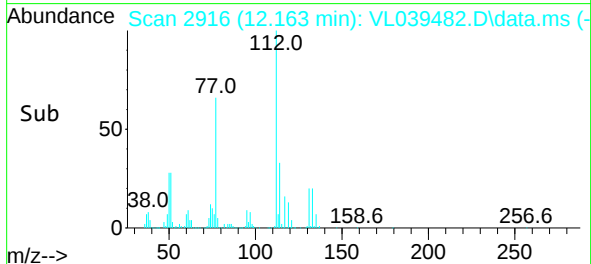
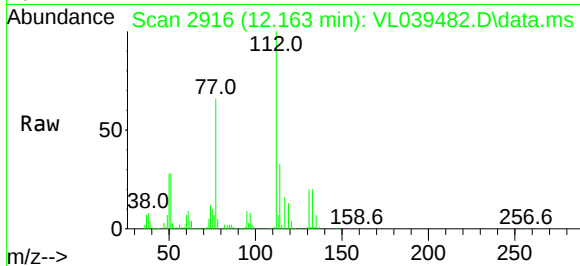
#57
Chlorobenzene
Concen: 9.555 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.042 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01

Tgt Ion:112 Resp: 2398014
Ion Ratio Lower Upper
112 100
77 65.3 51.0 76.4
114 32.5 27.5 33.6

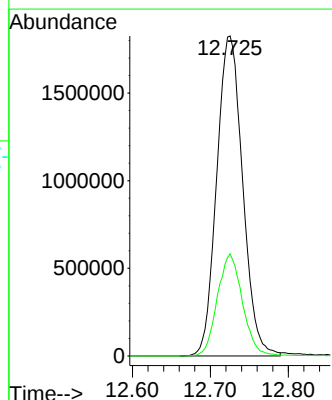
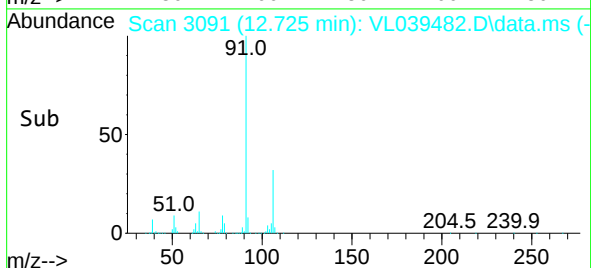
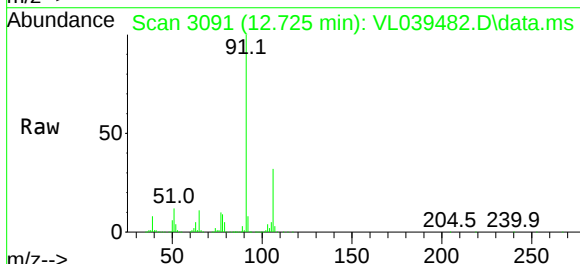
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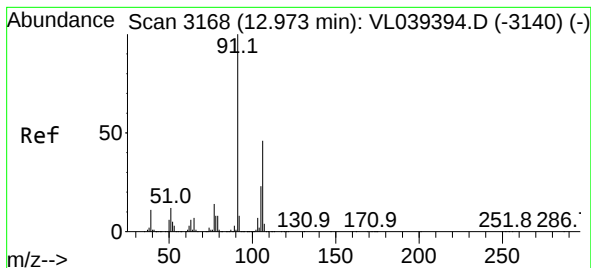
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#58
Ethyl Benzene
Concen: 10.103 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion: 91 Resp: 4222699
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0





#59

m/p-Xylene

Concen: 19.800 ppbv m

RT: 13.008 min Scan# 3168

Delta R.T. 0.035 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion: 91 Resp: 729606

Ion Ratio Lower Upper

91 100

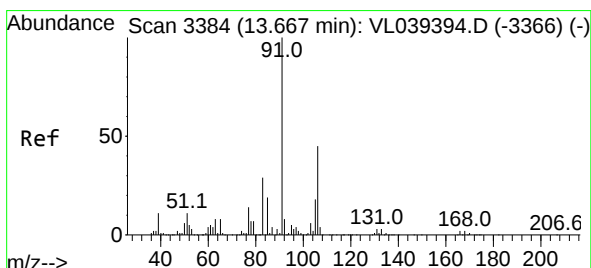
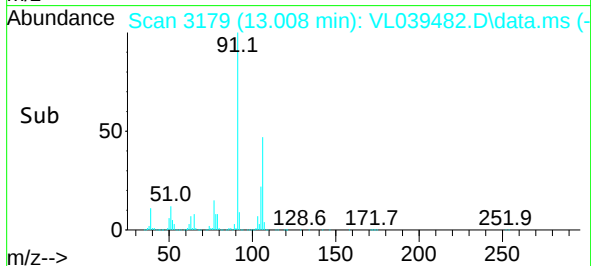
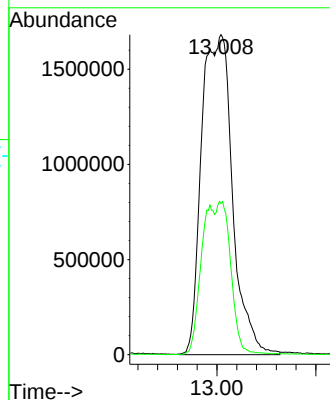
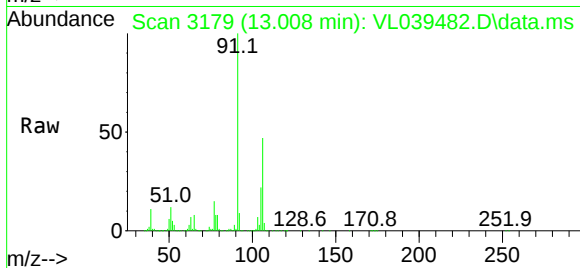
106 44.7 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#60

o-Xylene

Concen: 10.008 ppbv

RT: 13.706 min Scan# 3396

Delta R.T. 0.038 min

Lab File: VL039482.D

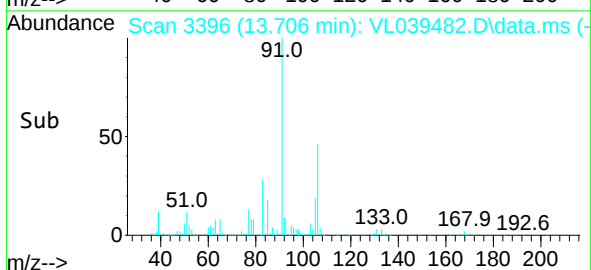
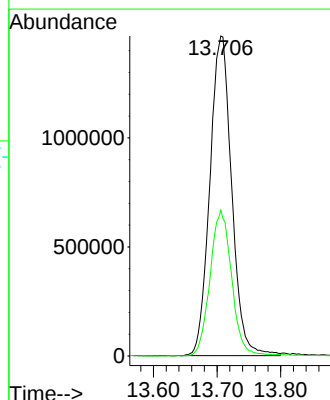
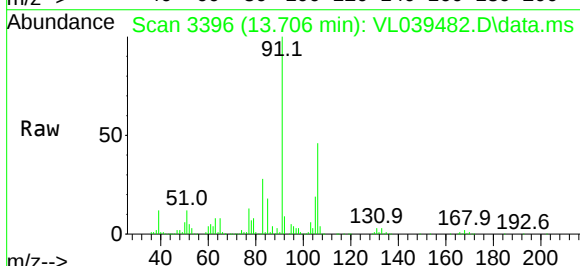
Acq: 19 Jul 2022 14:38

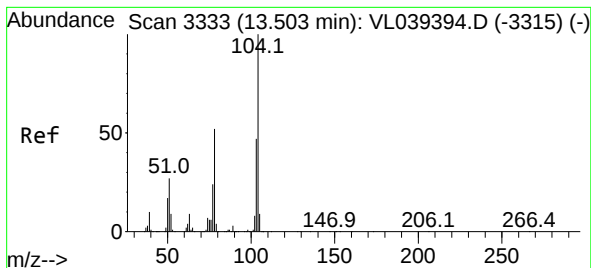
Tgt Ion: 91 Resp: 3492153

Ion Ratio Lower Upper

91 100

106 45.6 22.4 67.3





#61

Styrene

Concen: 11.006 ppbv

RT: 13.542 min Scan# 31

Delta R.T. 0.038 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion:104 Resp: 208044

Ion Ratio Lower Upper

104 100

78 51.7 41.2 61.8

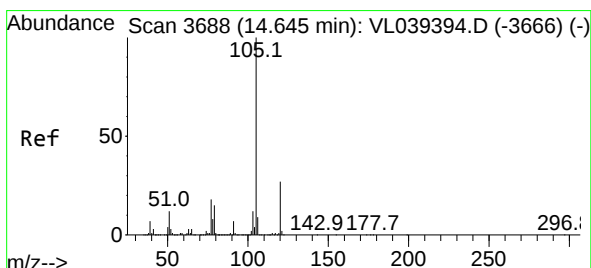
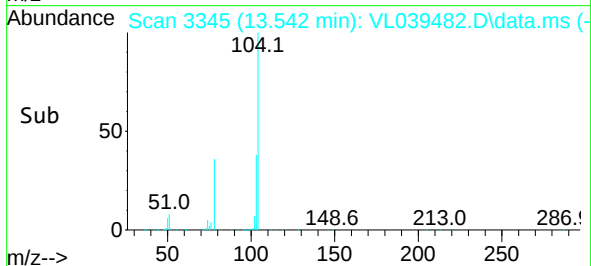
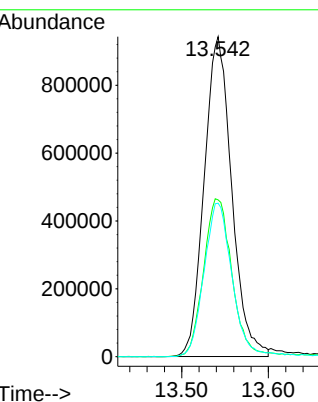
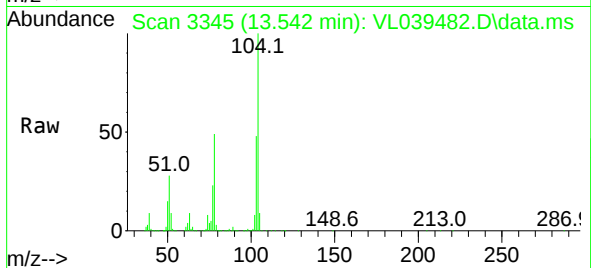
103 49.5 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#62

Isopropylbenzene

Concen: 9.774 ppbv

RT: 14.680 min Scan# 3699

Delta R.T. 0.035 min

Lab File: VL039482.D

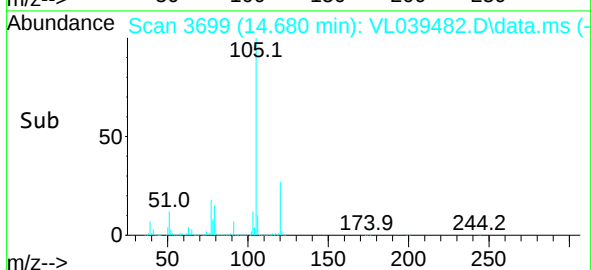
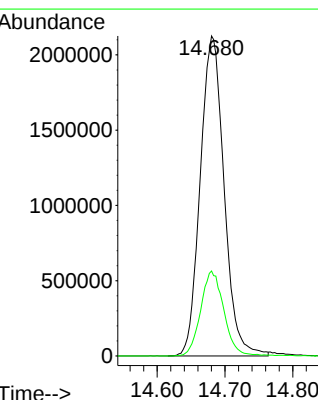
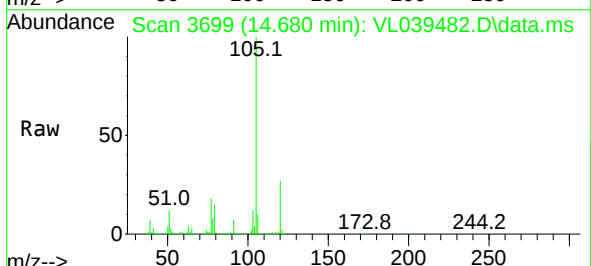
Acq: 19 Jul 2022 14:38

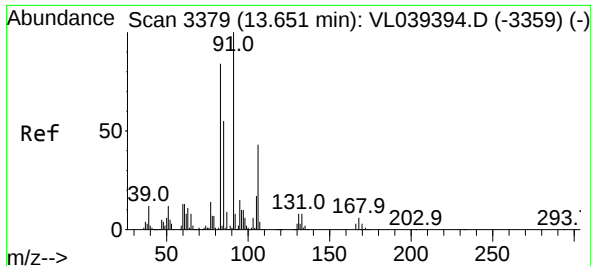
Tgt Ion:105 Resp: 5193843

Ion Ratio Lower Upper

105 100

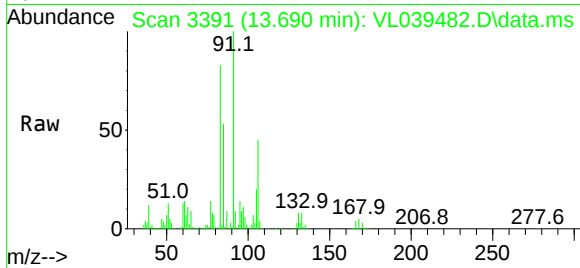
120 26.0 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.954 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

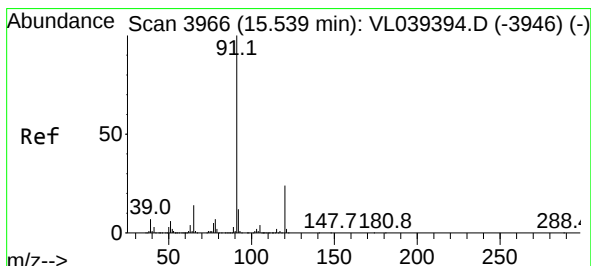
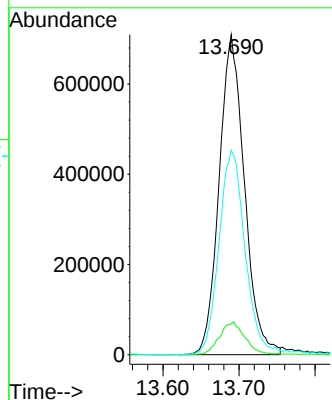
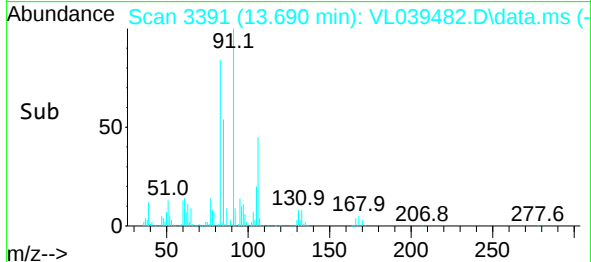
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



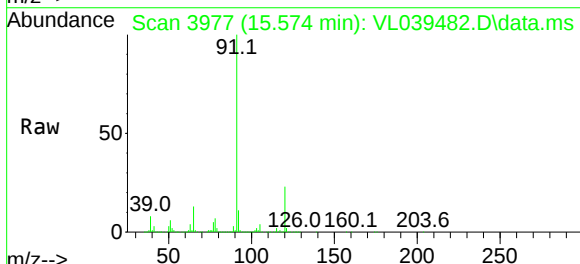
Tgt Ion: 83 Resp: 163772
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 67.4 33.1 99.5

Manual Integrations
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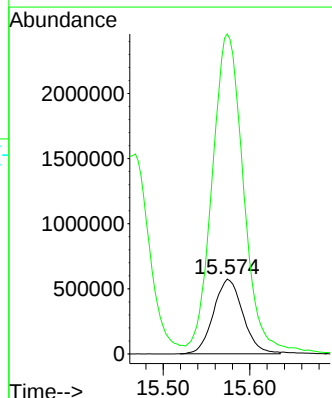
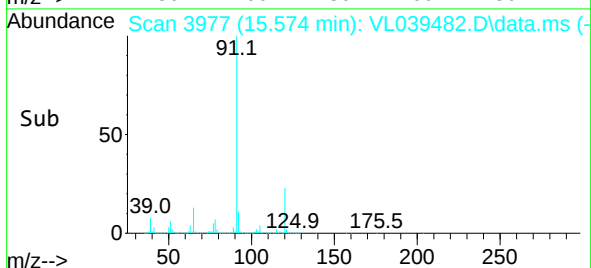
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

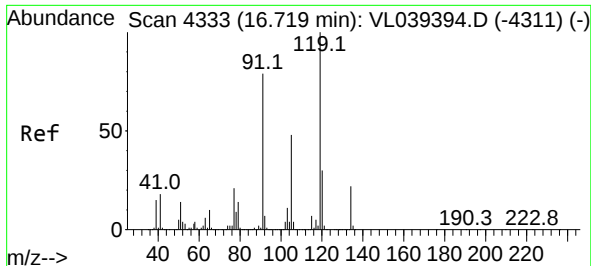


#64
n-propylbenzene
Concen: 10.027 ppbv
RT: 15.574 min Scan# 3977
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



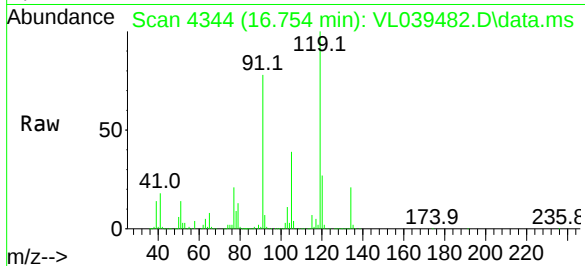
Tgt Ion:120 Resp: 1350528
Ion Ratio Lower Upper
120 100
91 461.3 367.2 550.8





#65
tert-Butylbenzene
Concen: 9.657 ppbv
RT: 16.754 min Scan# 41
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

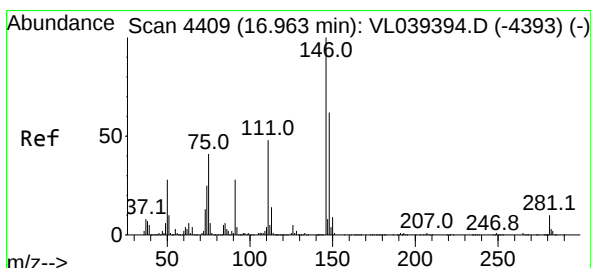
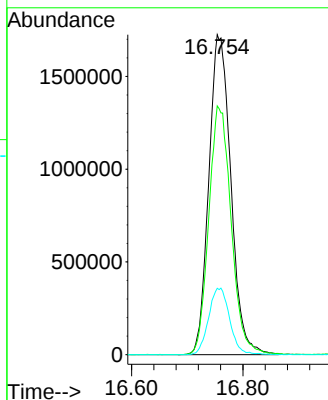
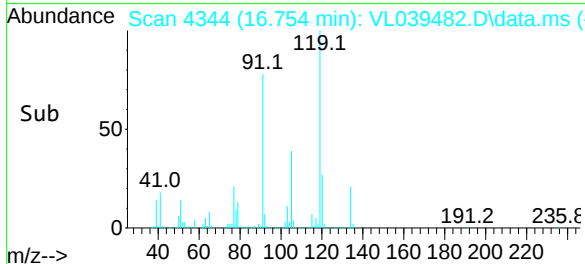
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



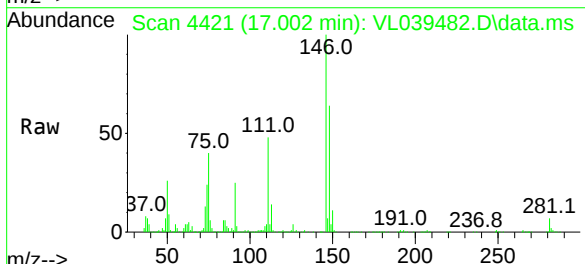
Tgt Ion: 119 Resp: 4741800
Ion Ratio Lower Upper
119 100
91 79.0 63.4 95.2
134 20.0 15.9 23.9

Manual Integrations
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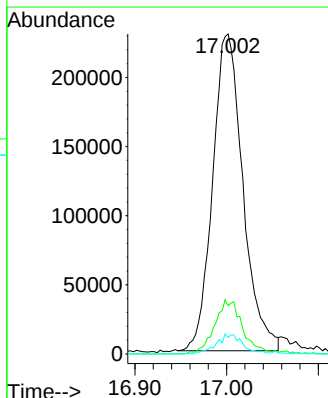
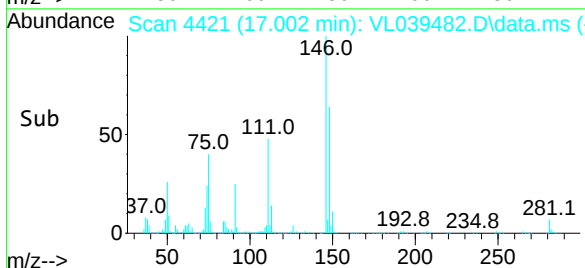
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

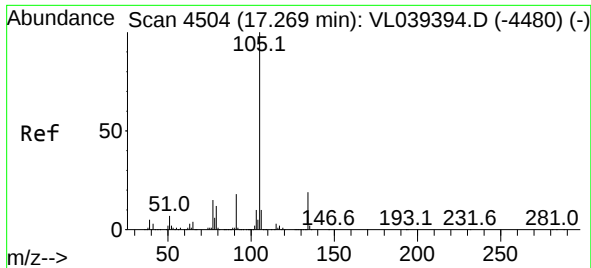


#66
Benzyl Chloride
Concen: 11.281 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



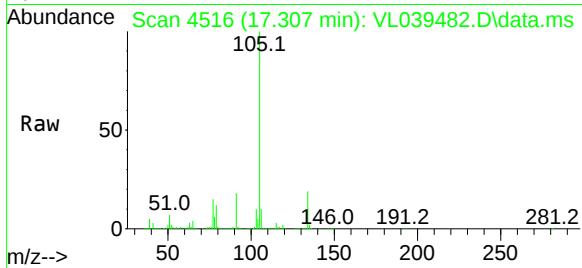
Tgt Ion: 91 Resp: 526376
Ion Ratio Lower Upper
91 100
126 16.2 13.1 19.7
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.794 ppbv
 RT: 17.307 min Scan# 41
 Delta R.T. 0.038 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

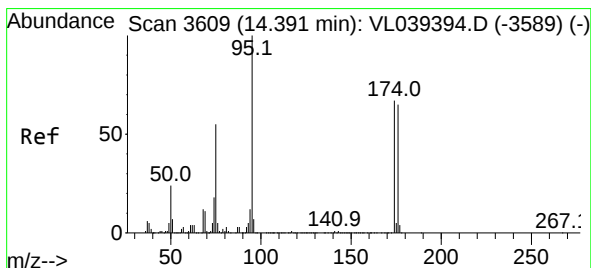
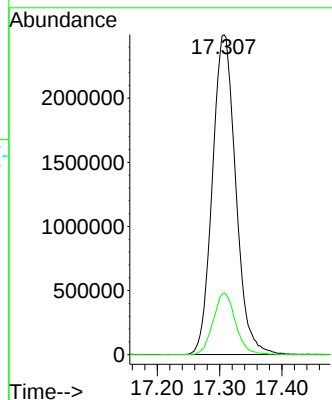
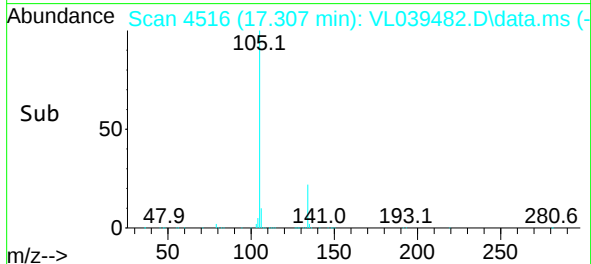
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01



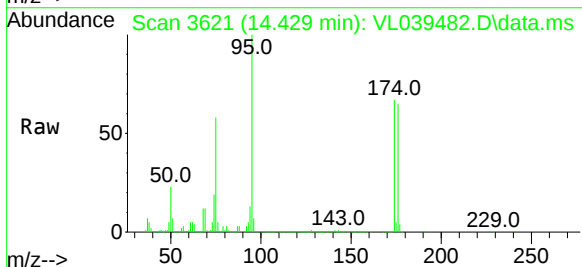
Tgt Ion:105 Resp: 6477875
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2

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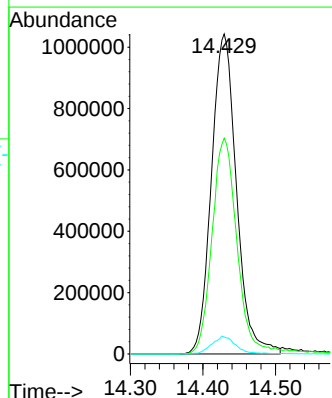
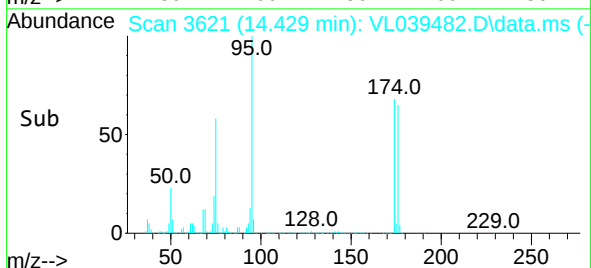
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

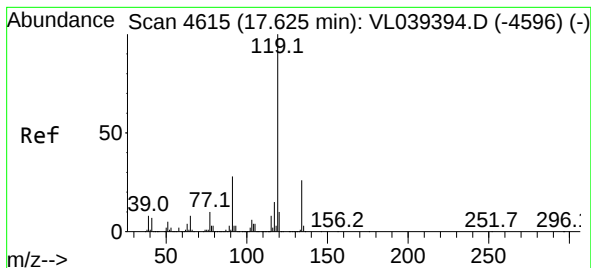


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.402 ppbv
 RT: 14.429 min Scan# 3621
 Delta R.T. 0.038 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38



Tgt Ion: 95 Resp: 2497968
 Ion Ratio Lower Upper
 95 100
 174 68.7 55.9 83.9
 175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.963 ppbv

RT: 17.664 min Scan# 406

Delta R.T. 0.038 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion:119 Resp: 559129

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

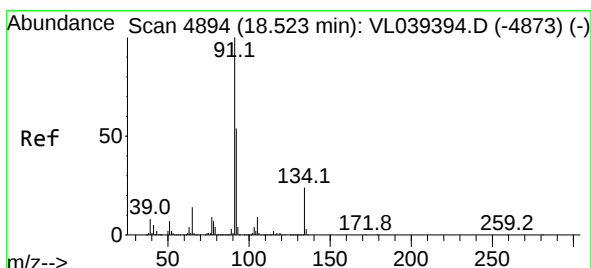
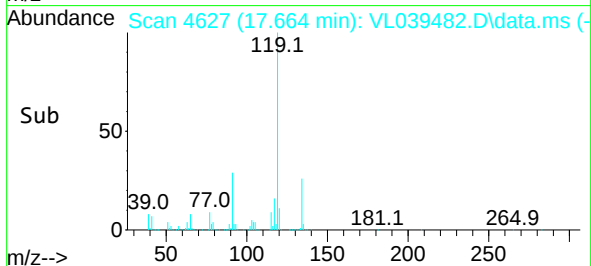
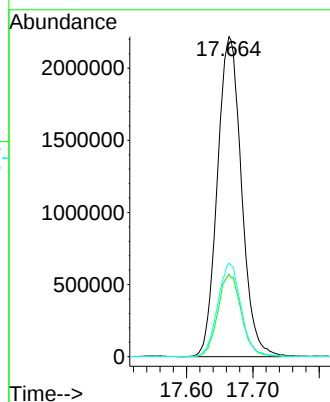
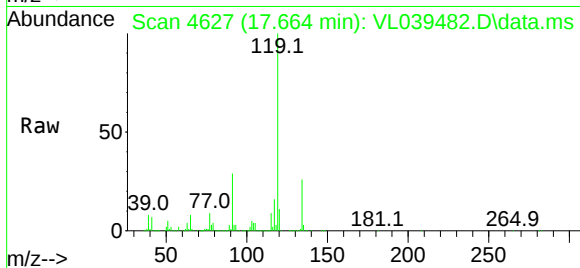
91 28.4 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#70

n-Butylbenzene

Concen: 10.003 ppbv

RT: 18.561 min Scan# 4906

Delta R.T. 0.038 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

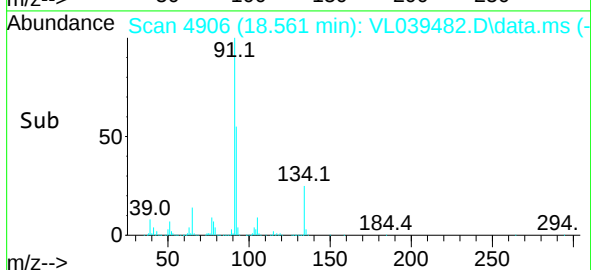
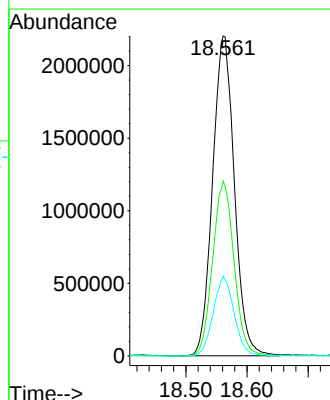
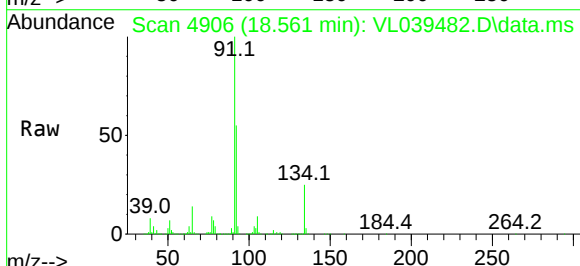
Tgt Ion: 91 Resp: 5448360

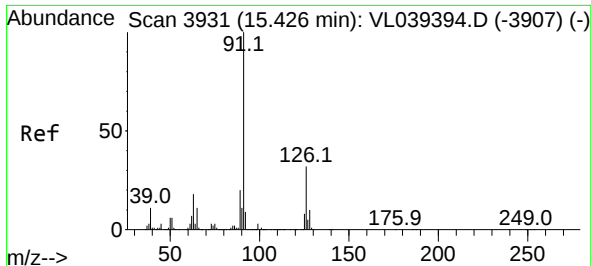
Ion Ratio Lower Upper

91 100

92 53.9 43.4 65.2

134 24.0 18.9 28.3





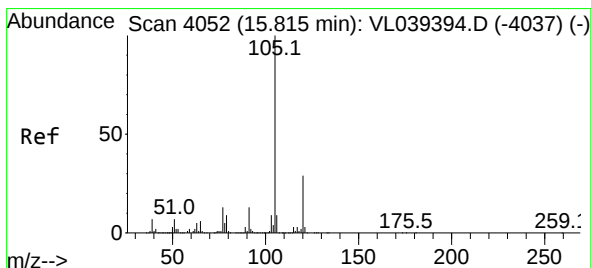
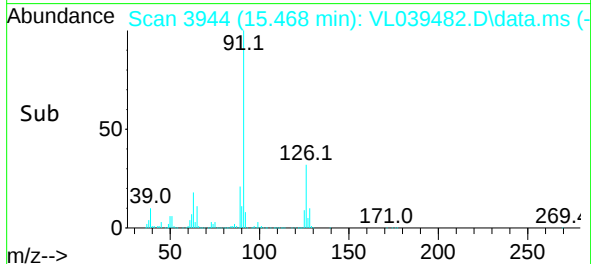
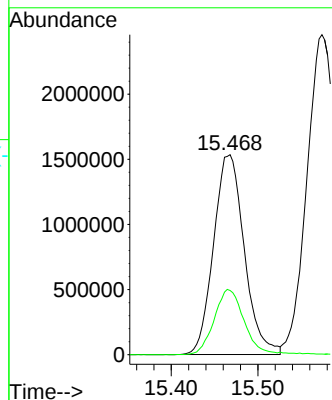
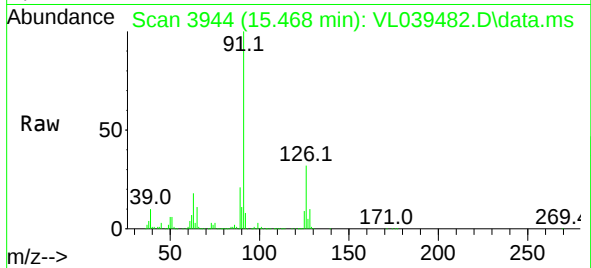
#71
2-Chlorotoluene
Concen: 9.957 ppbv
RT: 15.468 min Scan# 3931
Delta R.T. 0.042 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument : MSVOA_L
ClientSampleId : VL0719ABS01

Tgt Ion: 91 Resp: 378668
Ion Ratio Lower Upper
91 100
126 32.5 13.0 51.8

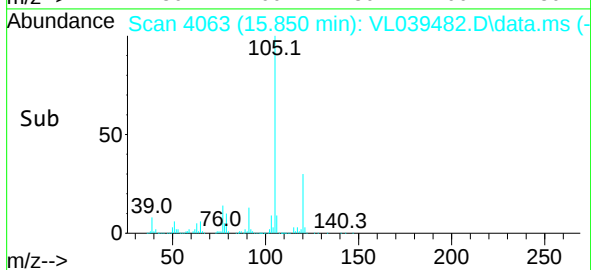
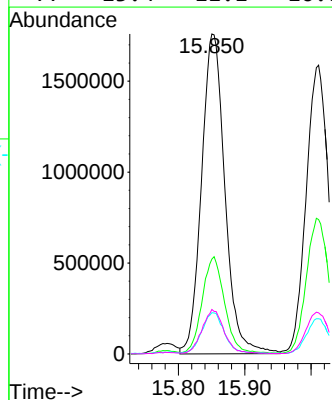
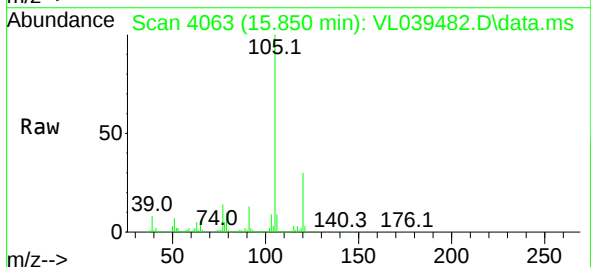
Manual Integrations
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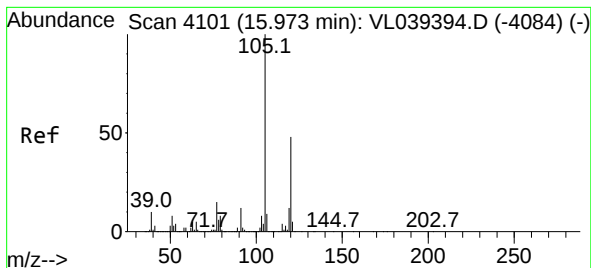
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#72
4-Ethyltoluene
Concen: 10.500 ppbv
RT: 15.850 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion:105 Resp: 4307693
Ion Ratio Lower Upper
105 100
120 29.4 24.2 36.2
91 13.3 10.2 15.4
77 13.4 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.380 ppbv

RT: 16.011 min Scan# 4101

Delta R.T. 0.038 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion:105 Resp: 3911159

Ion Ratio Lower Upper

105 100

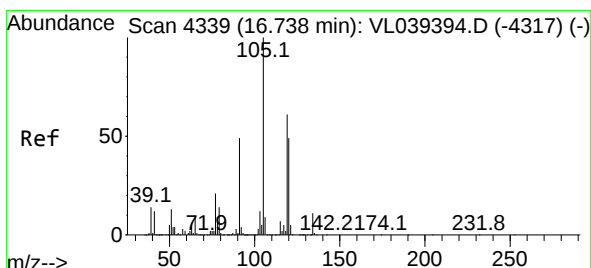
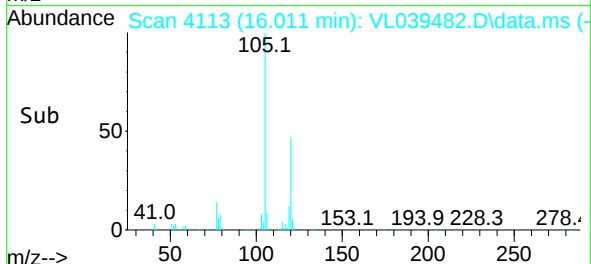
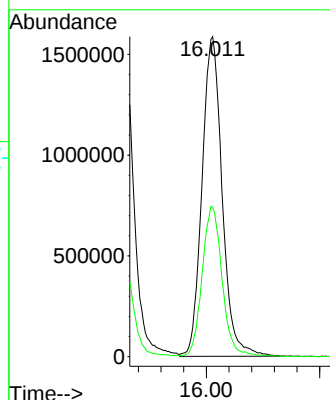
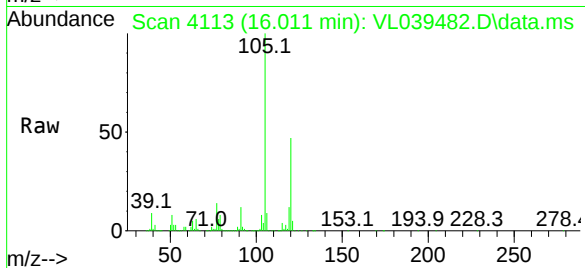
120 46.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.939 ppbv

RT: 16.776 min Scan# 4351

Delta R.T. 0.038 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Tgt Ion:105 Resp: 4142772

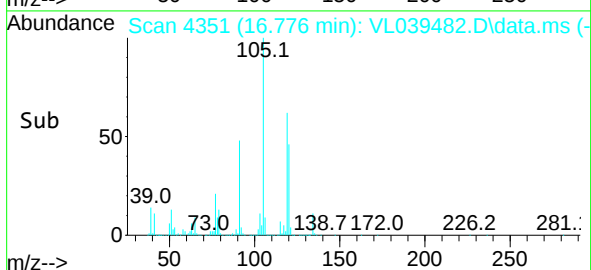
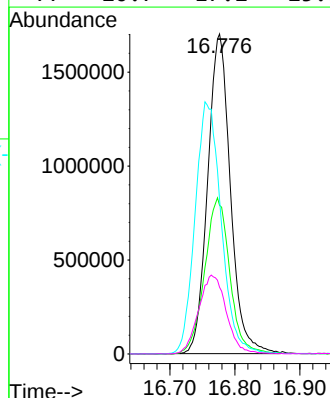
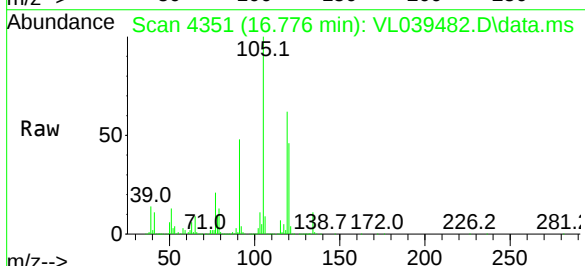
Ion Ratio Lower Upper

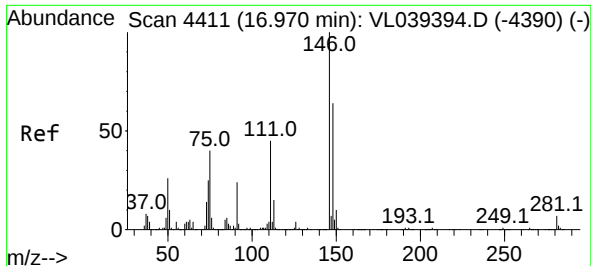
105 100

120 46.2 39.5 59.3

91 48.0 39.2 58.8

77 20.7 17.2 25.8





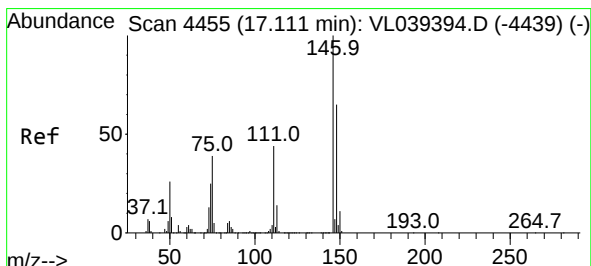
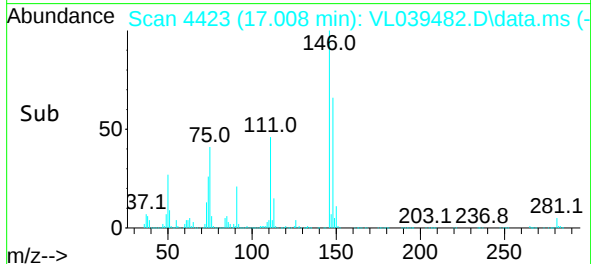
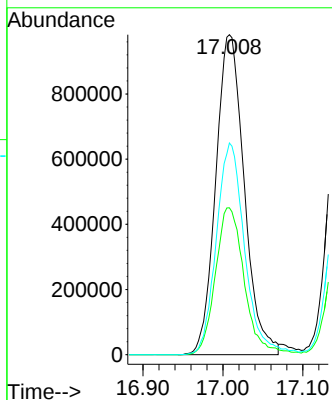
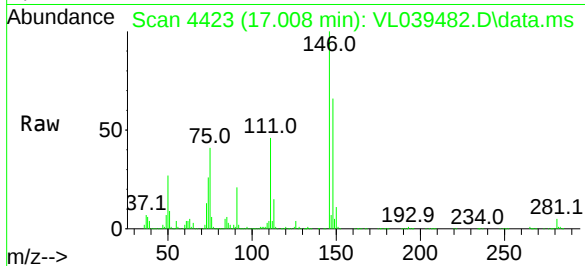
#75
1,3-Dichlorobenzene
Concen: 9.772 ppbv
RT: 17.008 min Scan# 4411
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01

Tgt Ion:146 Resp: 242984
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.7
148 65.9 32.1 96.5

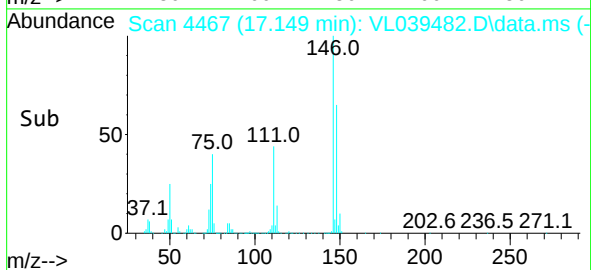
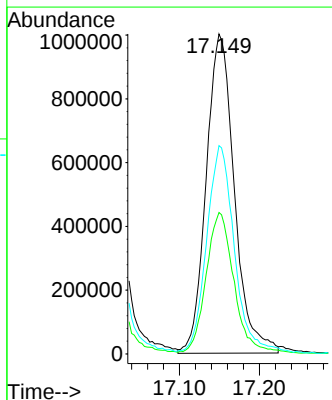
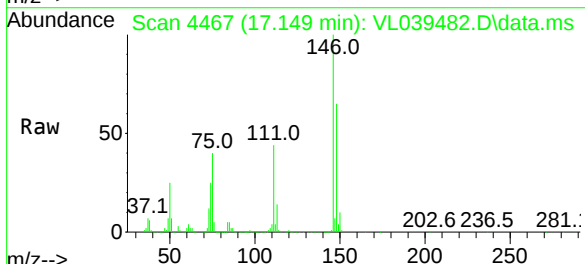
Manual Integrations
APPROVED

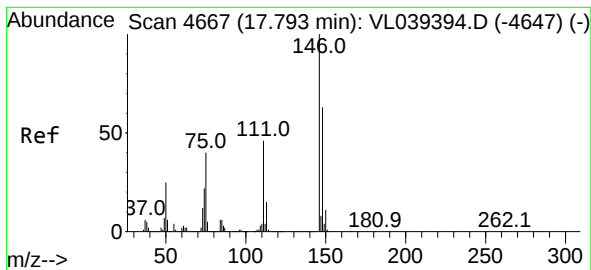
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#76
1,4-Dichlorobenzene
Concen: 9.943 ppbv
RT: 17.149 min Scan# 4467
Delta R.T. 0.038 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

Tgt Ion:146 Resp: 2450353
Ion Ratio Lower Upper
146 100
111 44.0 22.9 68.8
148 64.9 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.755 ppbv

RT: 17.828 min Scan# 40

Delta R.T. 0.035 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS01

Tgt Ion:146 Resp: 2404129

Ion Ratio Lower Upper

146 100

111 47.3 23.8 71.5

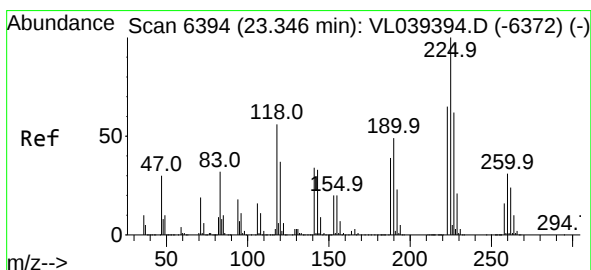
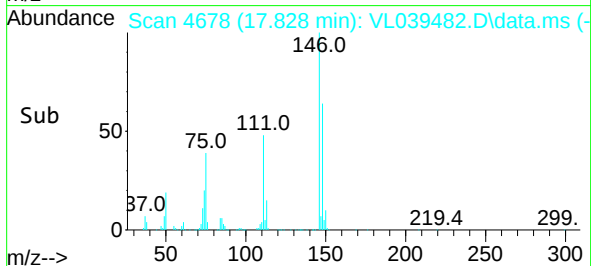
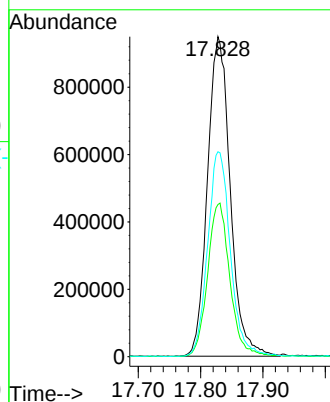
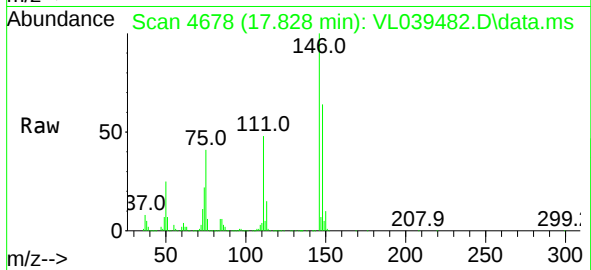
148 63.9 32.3 96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.579 ppbv

RT: 23.381 min Scan# 6405

Delta R.T. 0.035 min

Lab File: VL039482.D

Acq: 19 Jul 2022 14:38

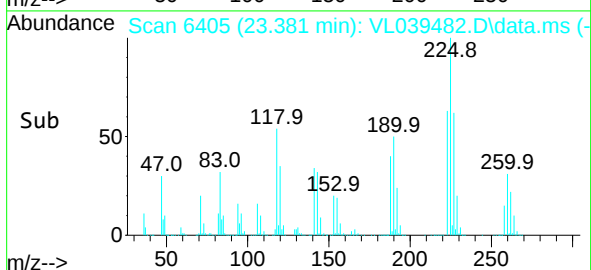
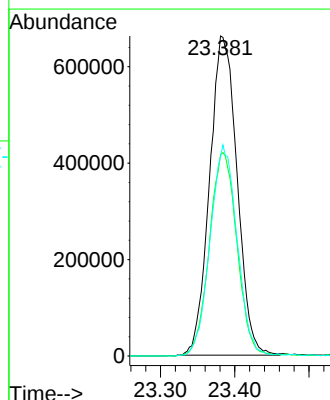
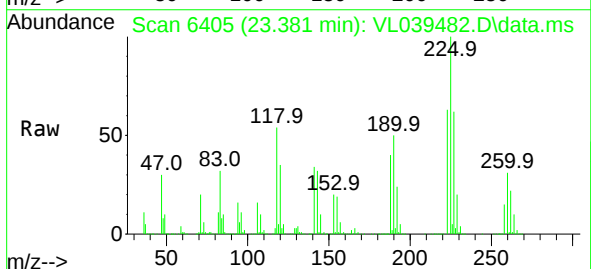
Tgt Ion:225 Resp: 1700560

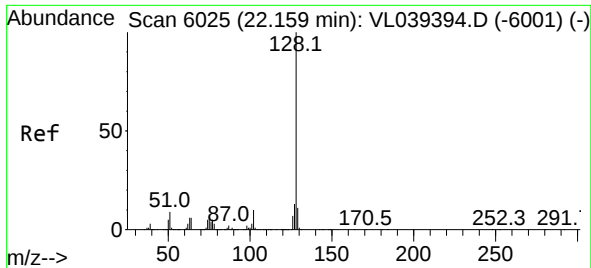
Ion Ratio Lower Upper

225 100

223 64.5 51.8 77.6

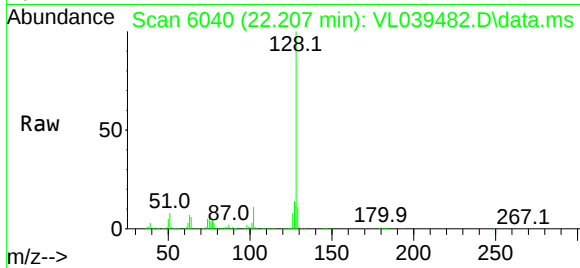
227 65.0 51.4 77.2





#79
Naphthalene
Concen: 11.598 ppbv
RT: 22.207 min Scan# 6025
Delta R.T. 0.048 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38

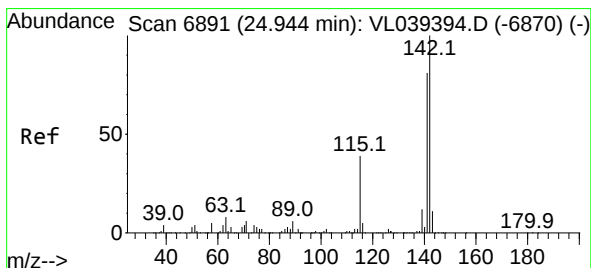
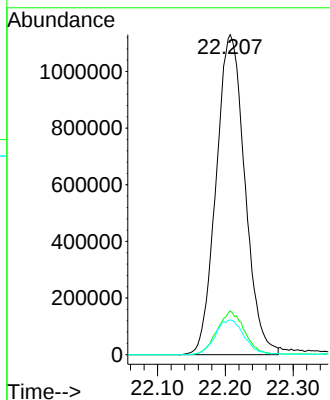
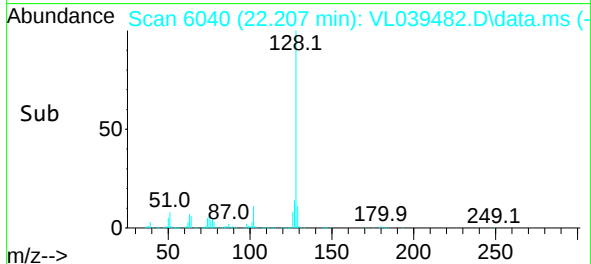
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS01



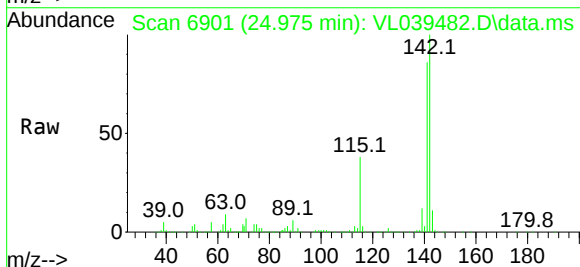
Tgt Ion:128 Resp: 3327024
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 10.8 8.8 13.2

Manual Integrations
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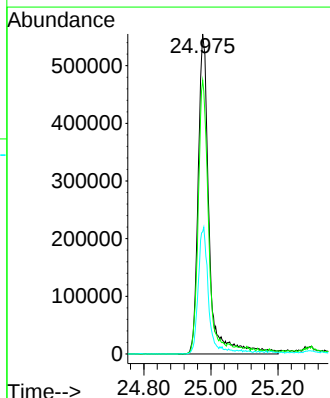
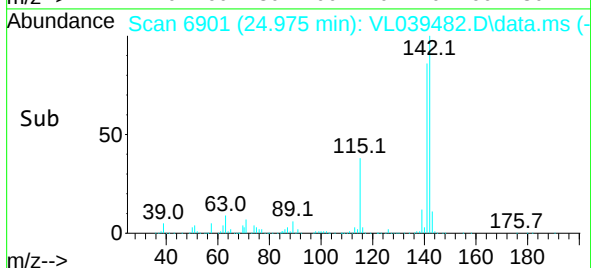
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

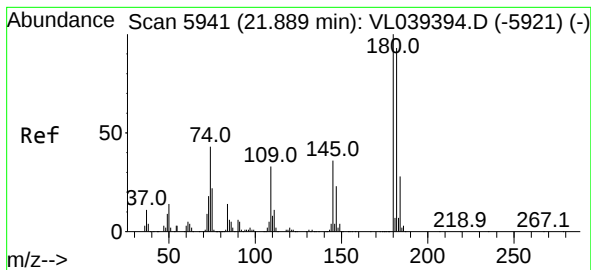


#80
Naphthalene,2-methyl-
Concen: 12.904 ppbv
RT: 24.975 min Scan# 6901
Delta R.T. 0.032 min
Lab File: VL039482.D
Acq: 19 Jul 2022 14:38



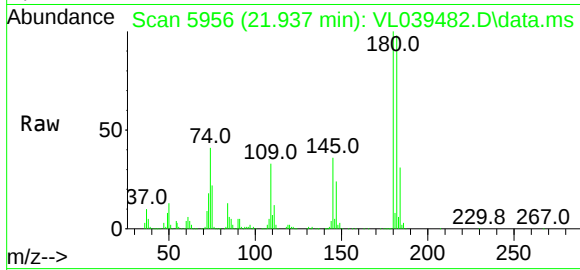
Tgt Ion:142 Resp: 1259859
Ion Ratio Lower Upper
142 100
141 83.7 68.9 103.3
115 38.2 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.305 ppbv
 RT: 21.937 min Scan# 5956
 Delta R.T. 0.048 min
 Lab File: VL039482.D
 Acq: 19 Jul 2022 14:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS01



Tgt Ion:180 Resp: 1925428
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.1 115.7
 184 30.6 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

