

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040372.D
 Acq On : 14 Apr 2023 00:31
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 08:38:56 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1097333	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2781564	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2688592	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2153311 9.685 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1796883	9.082	ppbv	99
3) Chlorodifluoromethane	2.661	51	1283214	8.949	ppbv	99
4) Chloromethane	2.800	50	807349	8.913	ppbv	97
5) Vinyl Chloride	2.909	62	717551	9.597	ppbv	98
6) Bromomethane	3.108	94	220452	8.949	ppbv	98
7) Chloroethane	3.186	64	252231	8.909	ppbv	99
8) Dichlorotetrafluoroethane	2.845	85	1714063	8.865	ppbv	98
9) Propene	2.681	41	549129	9.694	ppbv	98
10) Heptane	7.584	43	1312414	10.194	ppbv	98
11) Trichlorofluoromethane	3.555	101	1694090	8.458	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1199451	8.562	ppbv	98
13) Ethanol	3.237	45	32199	6.809	ppbv	94
14) Bromoethene	3.356	108	520460	9.086	ppbv	100
15) Acetone	3.459	43	1195320	7.691	ppbv	99
16) 1,3-Butadiene	2.973	39	623082	9.687	ppbv	99
17) tert-Butyl alcohol	3.867	59	1286991	9.017	ppbv	100
18) 1,1-Dichloroethene	3.874	96	557373	8.822	ppbv	94
19) Isopropyl Alcohol	3.565	45	591520	8.341	ppbv #	96
20) Methylene Chloride	3.925	84	488776	7.877	ppbv	97
21) Allyl Chloride	3.989	41	834499	9.449	ppbv	98
22) trans-1,2-Dichloroethene	4.440	96	552388	8.745	ppbv	93
23) Vinyl Acetate	4.620	43	382711m	9.671	ppbv	
24) 1,1-Dichloroethane	4.559	63	1158679	8.798	ppbv	100
25) Ethyl Acetate	5.202	43	2421965	9.261	ppbv	100
26) Hexane	5.208	57	1051194	9.534	ppbv	98
27) Carbon Disulfide	4.118	76	1353374	9.485	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1054440	9.265	ppbv	99
29) Chloroform	5.272	83	1772712	9.026	ppbv	98
30) Cyclohexane	6.603	84	874219	10.238	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1077603	9.861	ppbv	100
32) 1,1,1-Trichloroethane	6.005	97	1769134	9.271	ppbv	99
34) 2-Butanone	4.780	43	1448669	9.659	ppbv	99
35) Carbon Tetrachloride	6.494	117	1803259	9.209	ppbv	99
36) Benzene	6.372	78	2198993	9.690	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1364287	9.152	ppbv	99
38) Trichloroethene	7.295	130	1321118	10.228	ppbv	94
39) 1,2-Dichloropropane	7.076	63	851352	9.534	ppbv	98
40) 1,4-Dioxane	7.292	88	293357	8.578	ppbv #	46
41) Tetrahydrofuran	5.555	42	827718	10.076	ppbv	99
42) Bromodichloromethane	7.253	83	1901567	9.341	ppbv	97
43) Methyl Methacrylate	7.478	69	875598	10.388	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3582070	9.450	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	837580	11.124	ppbv	96

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 08:38:56 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1152231	10.995	ppbv	96
47) 1,1,2-Trichloroethane	8.906	97	913987	9.335	ppbv	98
48) Dibromochloromethane	9.719	129	1533050	9.723	ppbv	99
49) Bromoform	12.420	173	1188064	9.661	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2262099	9.947	ppbv	100
51) 2-Hexanone	9.558	43	1750548	10.417	ppbv	98
52) Tetrachloroethene	10.626	164	727471	10.248	ppbv	98
53) Toluene	9.227	91	2504922	10.411	ppbv	100
54) 1,2-Dibromoethane	10.018	107	995410	10.028	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	1095195	8.924	ppbv	99
57) Chlorobenzene	11.536	112	1888783	8.972	ppbv	97
58) Ethyl Benzene	12.102	91	3344324	10.112	ppbv	97
59) m/p-Xylene	12.385	91	5734611m	18.855	ppbv	
60) o-Xylene	13.069	91	2758460	9.450	ppbv	99
61) Styrene	12.912	104	1575846	10.777	ppbv	99
62) Isopropylbenzene	14.040	105	3872157	9.211	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	840310	7.866	ppbv	99
64) n-propylbenzene	14.928	120	988172	9.553	ppbv	98
65) tert-Butylbenzene	16.105	119	3406194	9.210	ppbv	99
66) Benzyl Chloride	16.346	91	214444	9.365	ppbv	99
67) sec-Butylbenzene	16.651	105	4902695	9.229	ppbv	100
69) p-Isopropyltoluene	17.008	119	3986582	9.611	ppbv	99
70) n-Butylbenzene	17.902	91	4479163	9.741	ppbv	99
71) 2-Chlorotoluene	14.815	91	2990687	9.267	ppbv	100
72) 4-Ethyltoluene	15.204	105	3168257	9.832	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2841850	9.547	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	3122999	9.179	ppbv	92
75) 1,3-Dichlorobenzene	16.349	146	1725642	9.260	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1689021	9.174	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1700840	9.230	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1403318	9.499	ppbv	100
79) Naphthalene	21.397	128	3140914	13.676	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	902054	13.195	ppbv	97
81) 1,2,4-Trichlorobenzene	21.156	180	1593721	11.293	ppbv	98

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

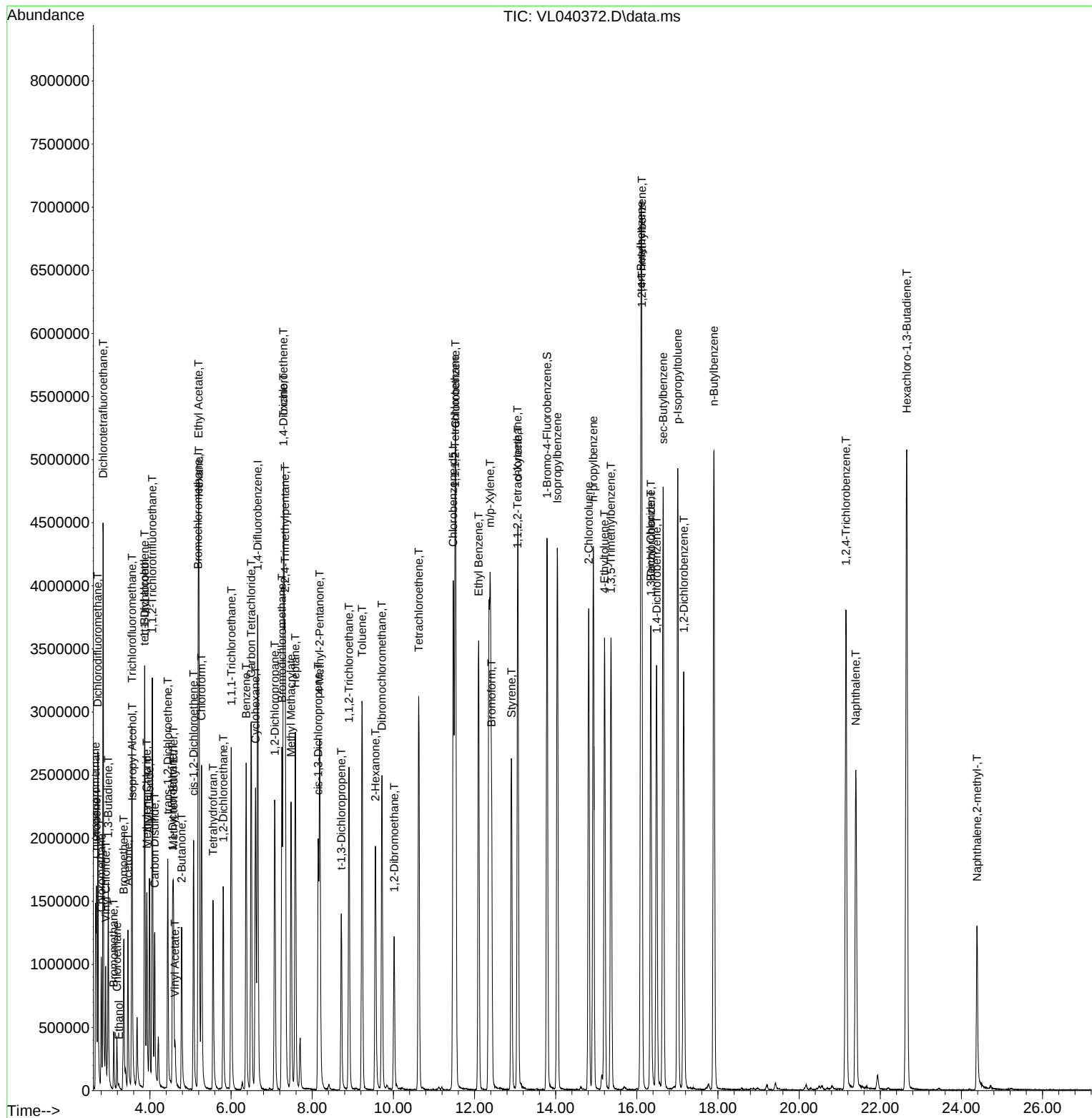
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
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 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

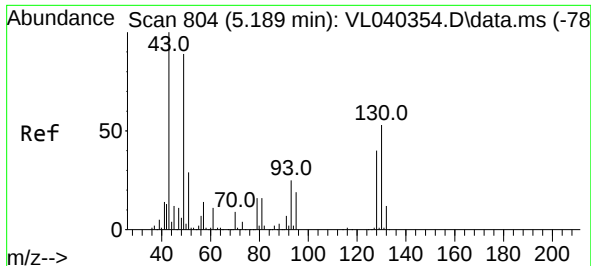
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

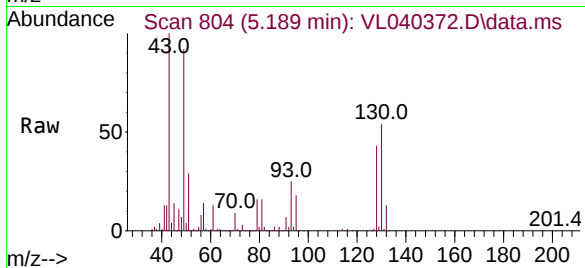
Quant Time: Apr 14 08:38:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

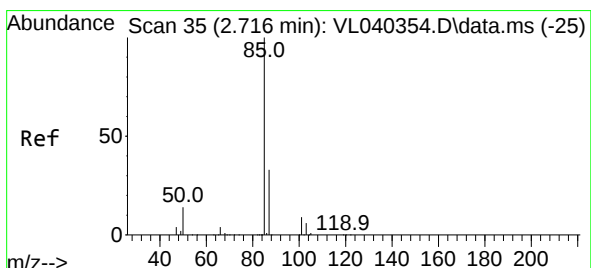
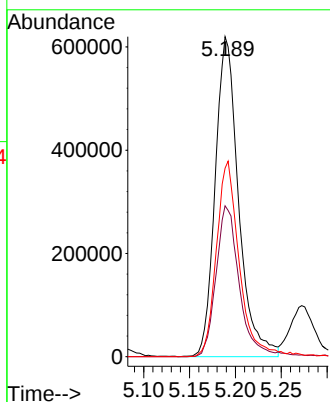
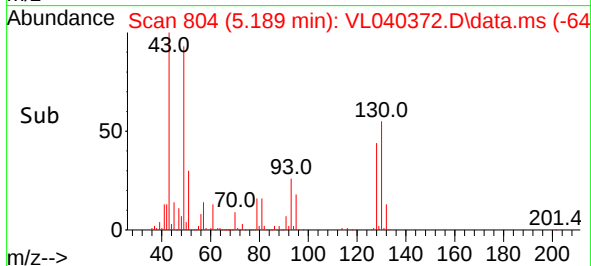
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



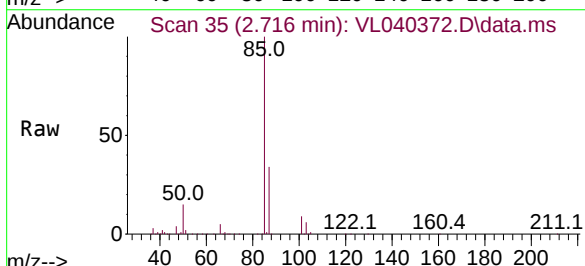
Tgt Ion: 49 Resp: 109733
Ion Ratio Lower Upper
49 100
128 47.6 23.7 71.1
130 60.8 29.9 89.8

Manual Integrations
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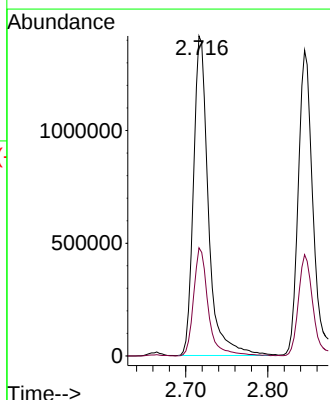
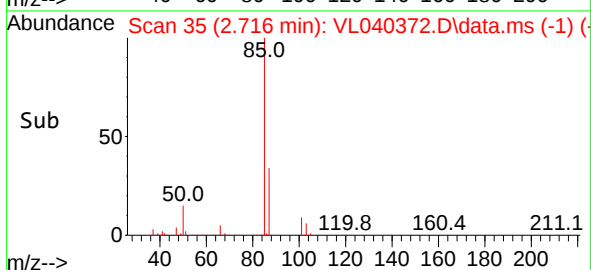
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

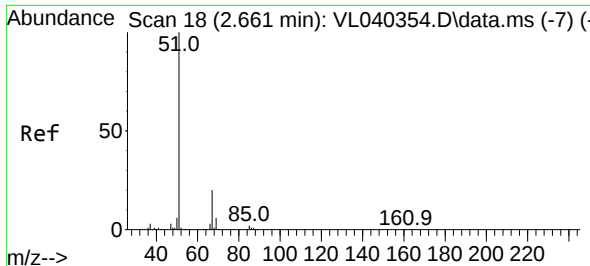


#2
Dichlorodifluoromethane
Concen: 9.082 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



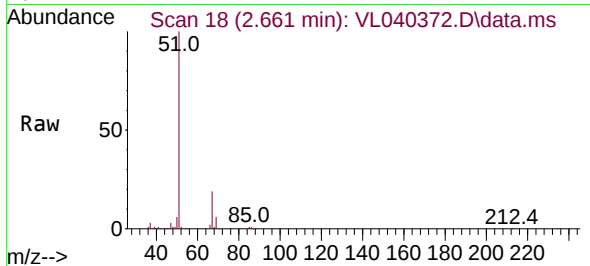
Tgt Ion: 85 Resp: 1796883
Ion Ratio Lower Upper
85 100
87 33.8 26.6 40.0





#3
Chlorodifluoromethane
Concen: 8.949 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

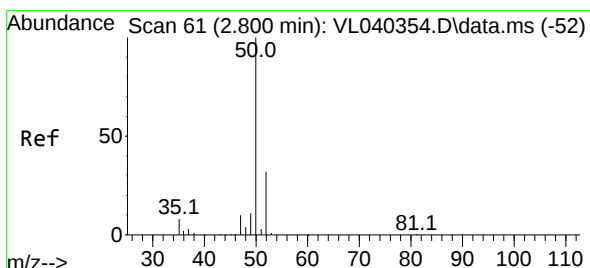
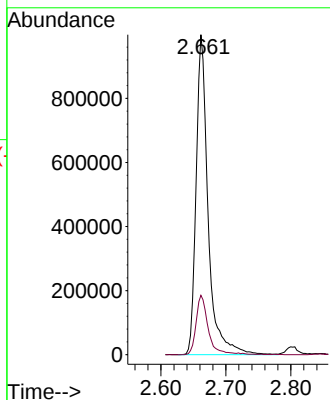
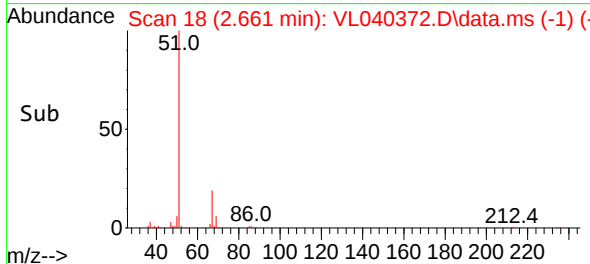
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



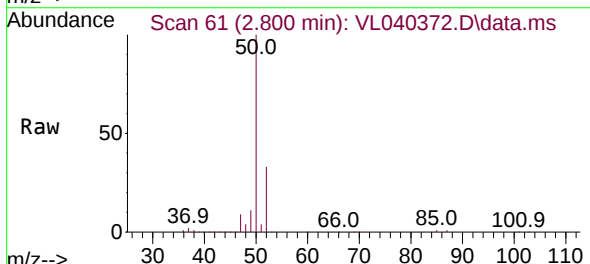
Tgt Ion: 51 Resp: 1283214
Ion Ratio Lower Upper
51 100
67 19.0 15.5 23.3

Manual Integrations
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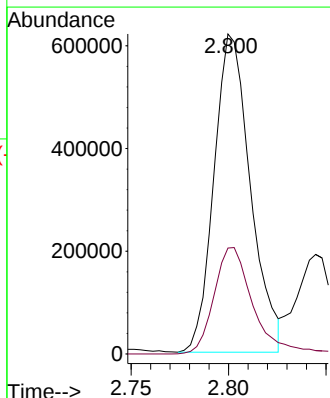
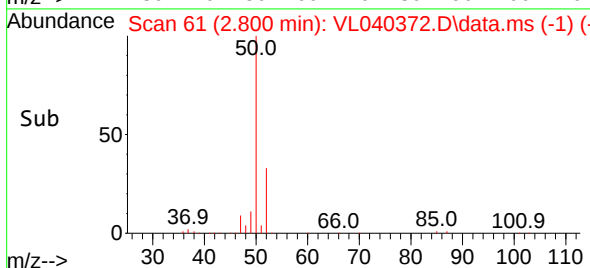
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

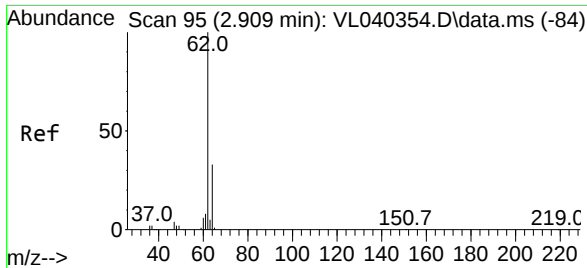


#4
Chloromethane
Concen: 8.913 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



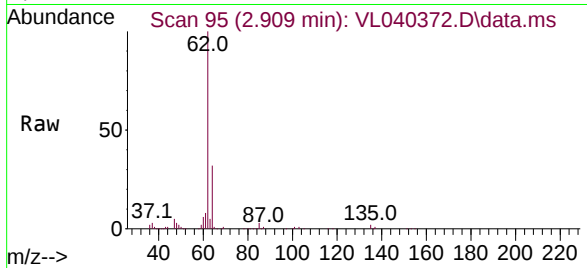
Tgt Ion: 50 Resp: 807349
Ion Ratio Lower Upper
50 100
52 33.3 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.597 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31

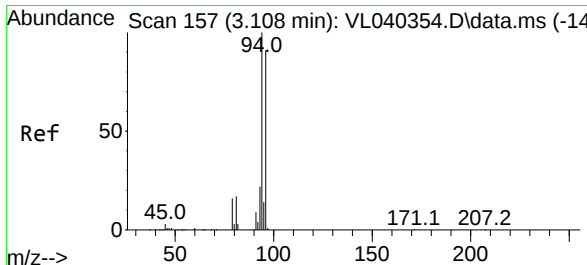
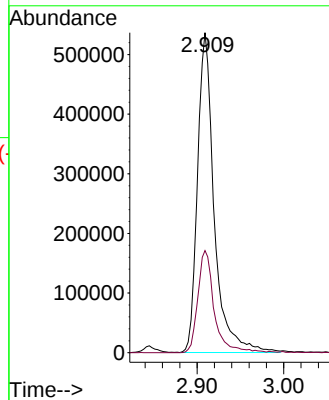
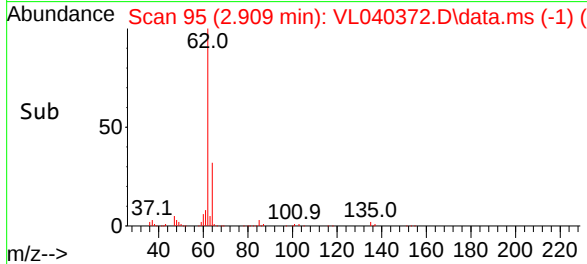
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



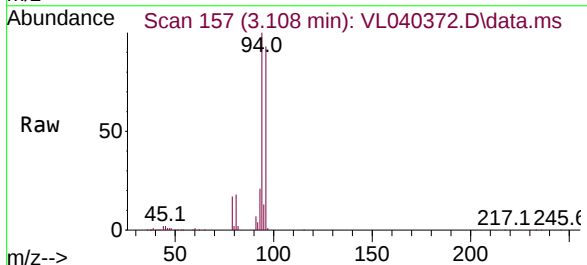
Tgt Ion: 62 Resp: 71755
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.3 39.5

Manual Integrations
 APPROVED

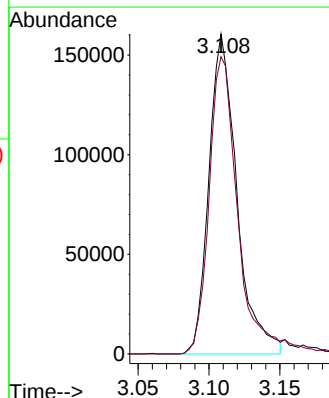
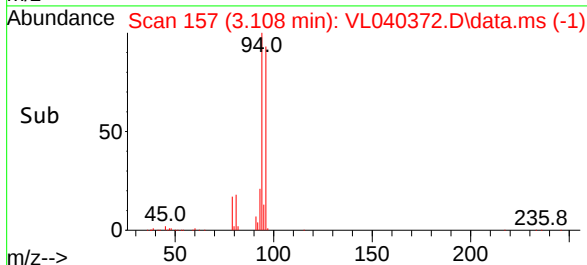
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

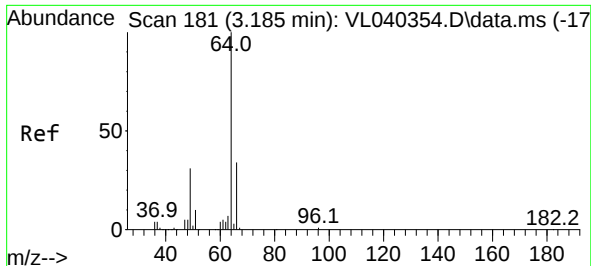


#6
 Bromomethane
 Concen: 8.949 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31



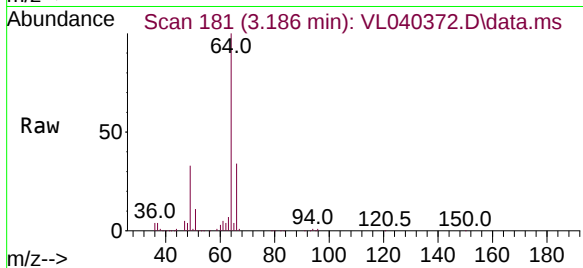
Tgt Ion: 94 Resp: 220452
 Ion Ratio Lower Upper
 94 100
 96 92.9 72.6 108.8





#7
Chloroethane
Concen: 8.909 ppbv
RT: 3.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

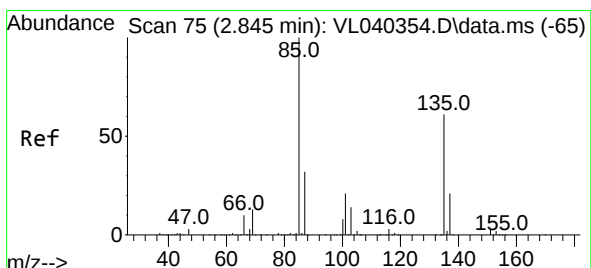
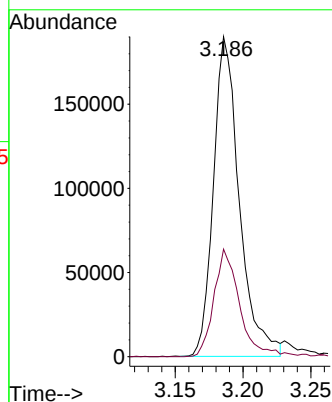
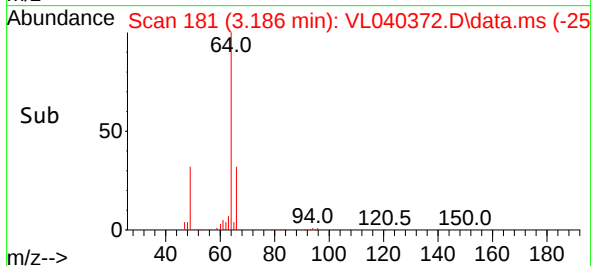
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 25223
Ion Ratio Lower Upper
64 100
66 33.6 27.5 41.3

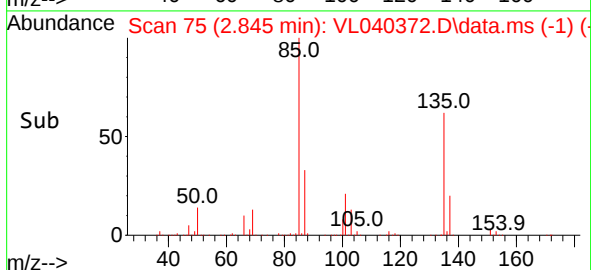
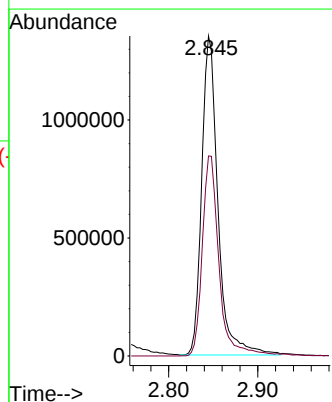
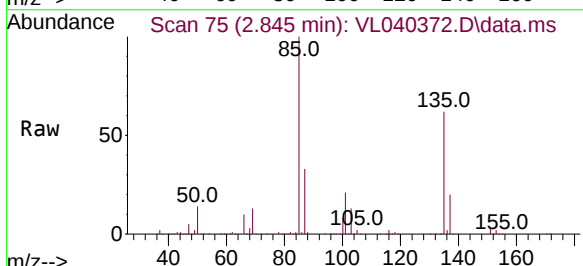
Manual Integrations
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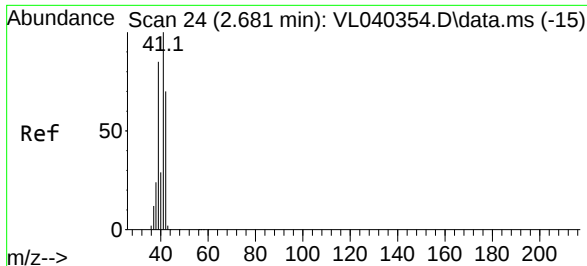
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Dichlorotetrafluoroethane
Concen: 8.865 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

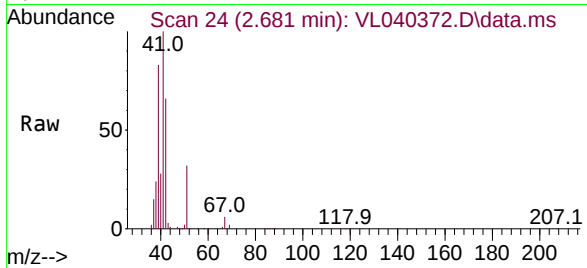
Tgt Ion: 85 Resp: 1714063
Ion Ratio Lower Upper
85 100
135 65.1 50.7 76.1





#9
 Propene
 Concen: 9.694 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31

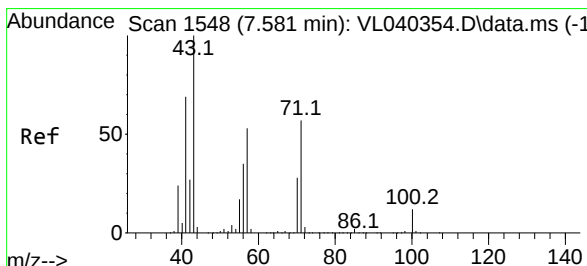
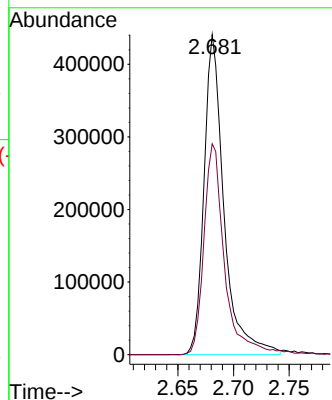
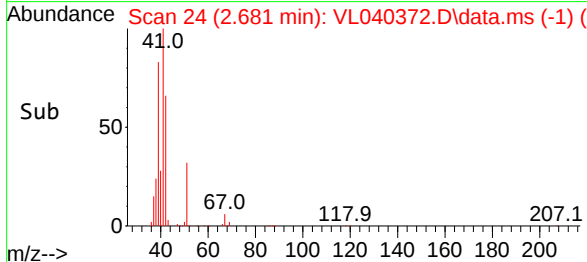
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



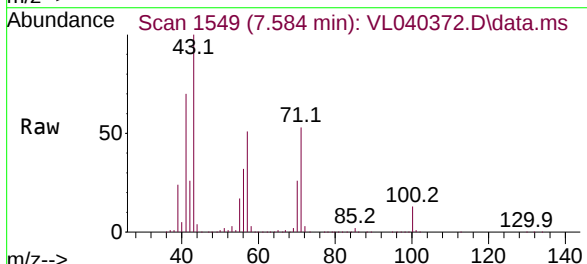
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 Ion Ratio Lower Upper
 41 100
 42 68.9 56.5 84.7

Manual Integrations
 APPROVED

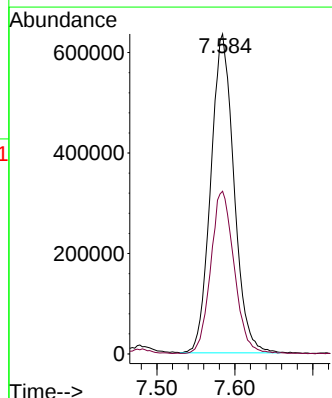
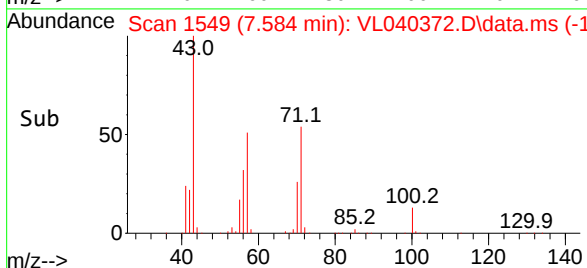
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

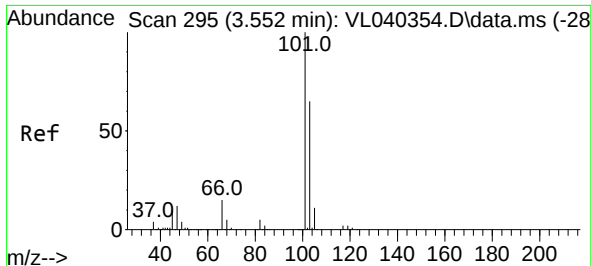


#10
 Heptane
 Concen: 10.194 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31



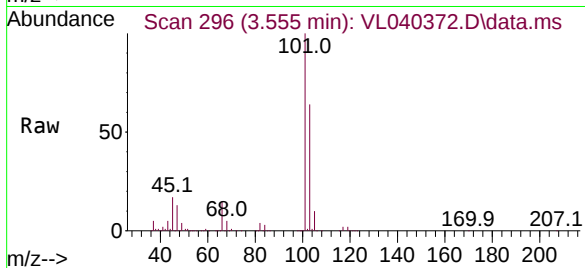
Tgt Ion: 43 Resp: 1312414
 Ion Ratio Lower Upper
 43 100
 57 51.6 42.2 63.4





#11
 Trichlorofluoromethane
 Concen: 8.458 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31

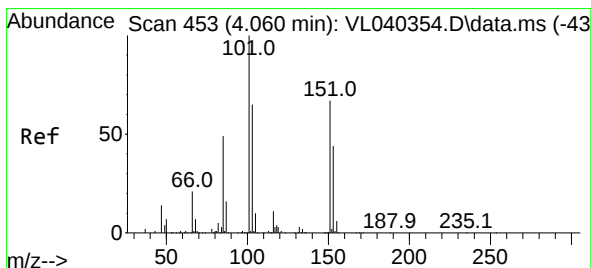
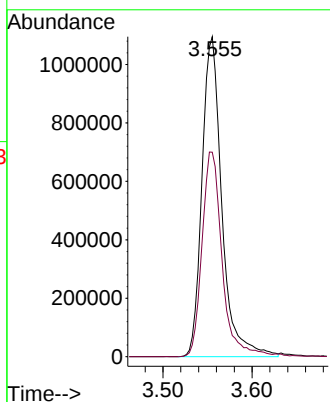
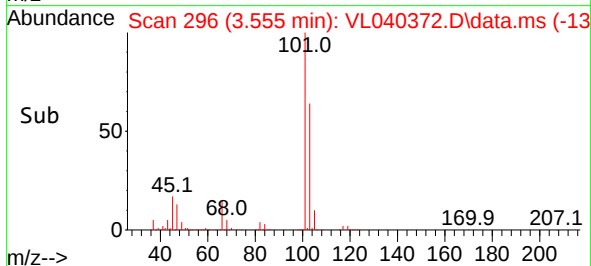
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



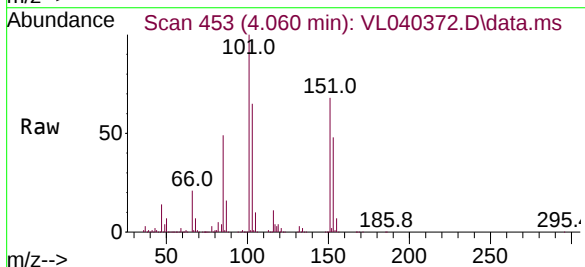
Tgt Ion:101 Resp: 1694090
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

Manual Integrations
 APPROVED

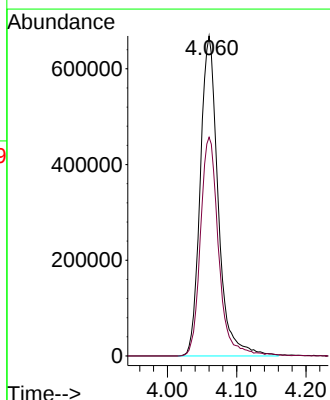
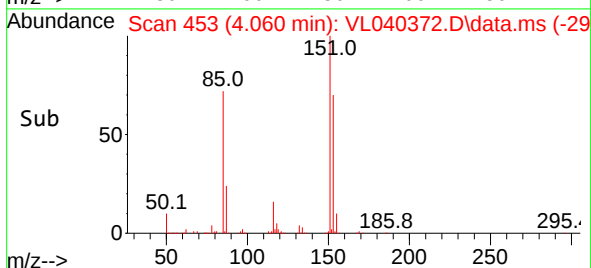
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

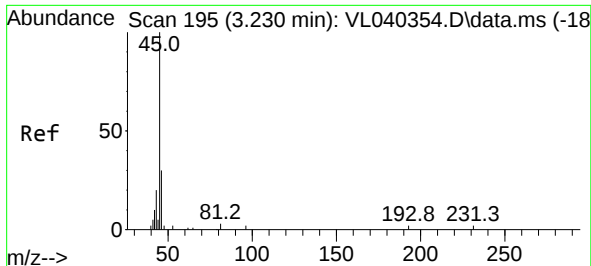


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.562 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31



Tgt Ion:101 Resp: 1199451
 Ion Ratio Lower Upper
 101 100
 151 69.6 54.7 82.1





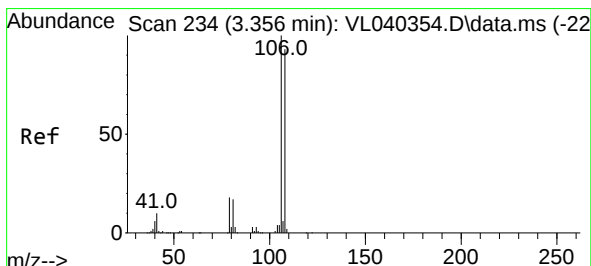
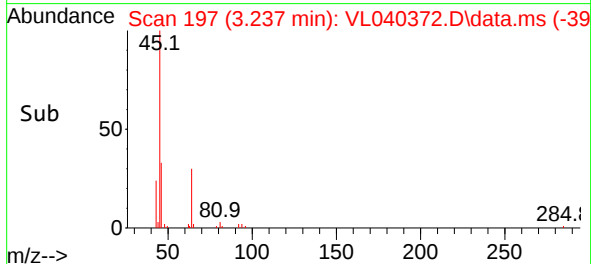
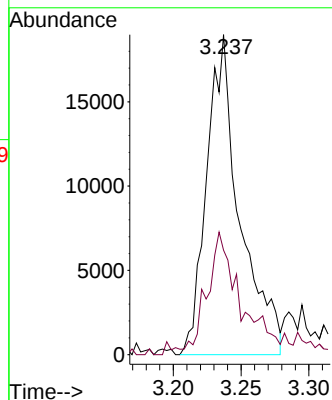
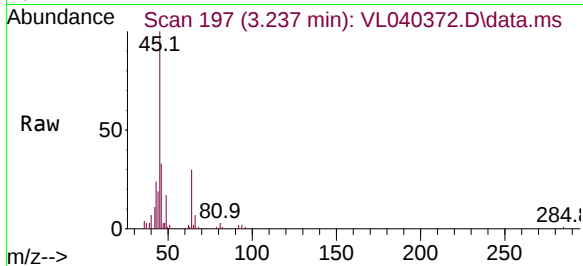
#13
Ethanol
Concen: 6.809 ppbv
RT: 3.237 min Scan# 195
Delta R.T. 0.007 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 32199
Ion Ratio Lower Upper
45 100
46 41.6 15.3 61.3

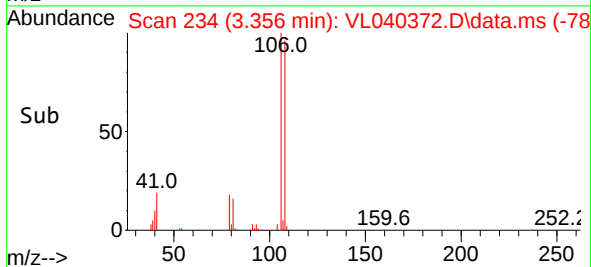
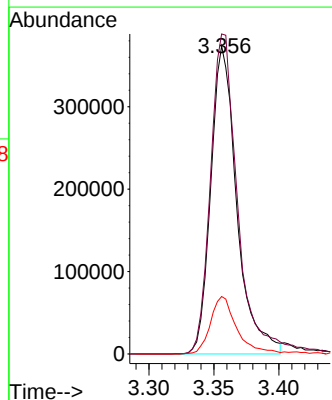
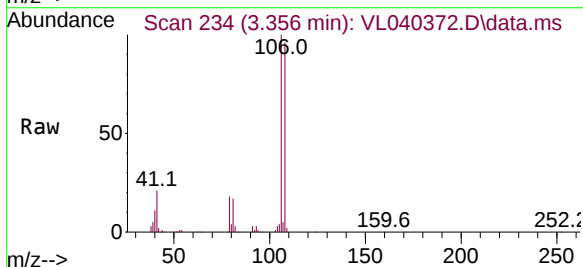
Manual Integrations
APPROVED

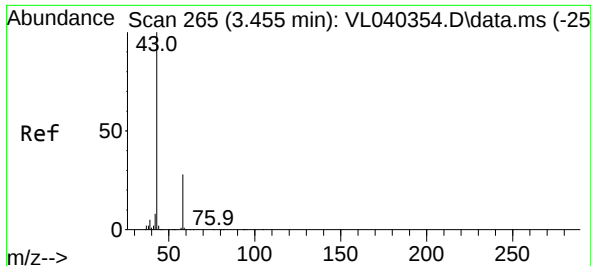
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Bromoethene
Concen: 9.086 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

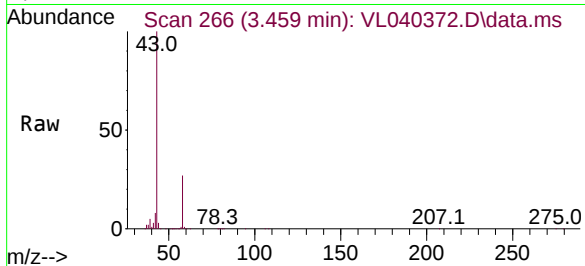
Tgt Ion:108 Resp: 520460
Ion Ratio Lower Upper
108 100
106 110.5 88.3 132.5
79 19.6 16.1 24.1





#15
Acetone
Concen: 7.691 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

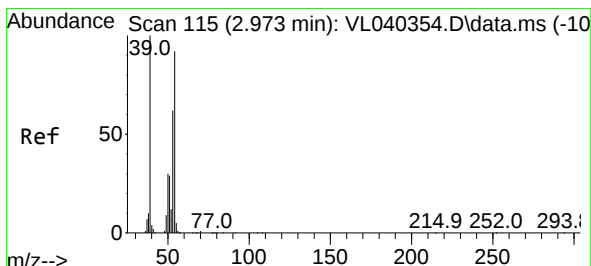
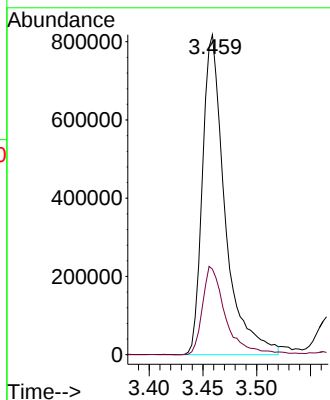
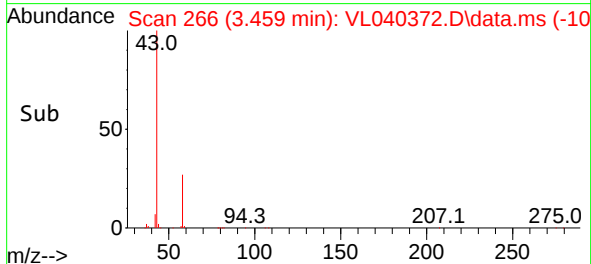
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



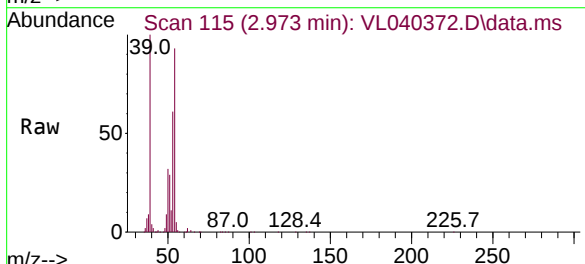
Tgt Ion: 43 Resp: 1195320
Ion Ratio Lower Upper
43 100
58 28.5 22.2 33.2

Manual Integrations
APPROVED

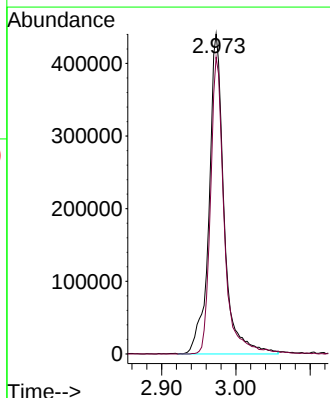
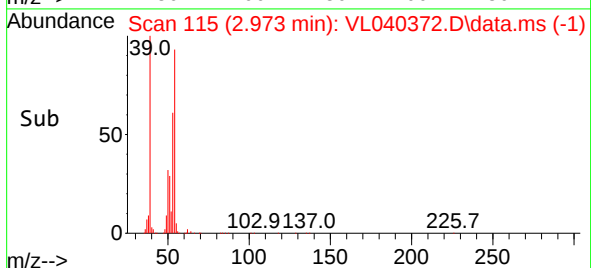
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

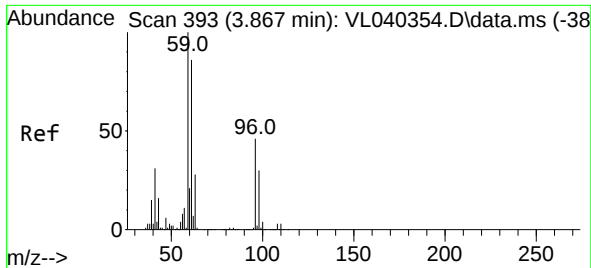


#16
1,3-Butadiene
Concen: 9.687 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



Tgt Ion: 39 Resp: 623082
Ion Ratio Lower Upper
39 100
54 84.8 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.017 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 128699

Ion Ratio Lower Upper

59 100

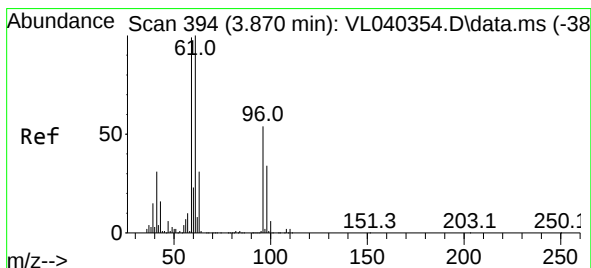
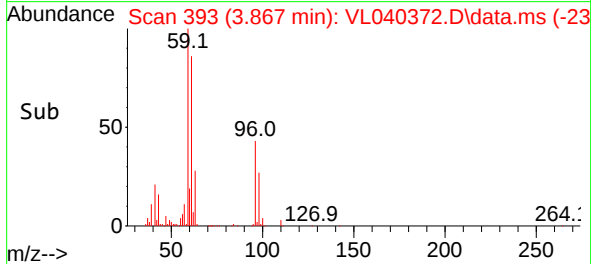
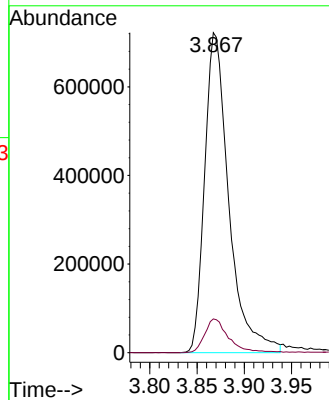
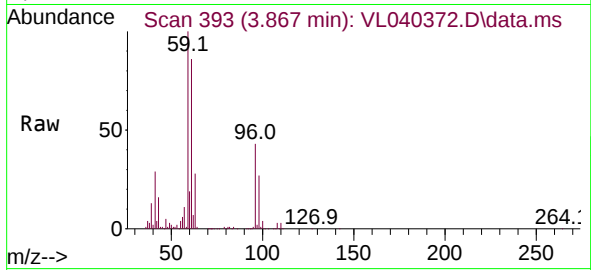
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#18

1,1-Dichloroethene

Concen: 8.822 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.003 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

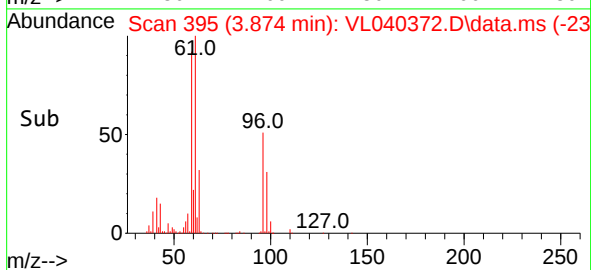
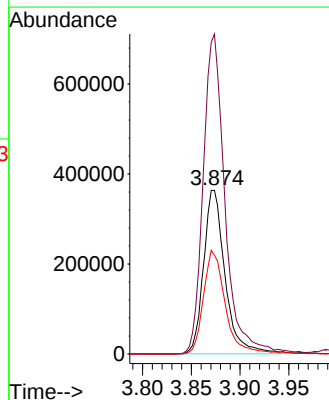
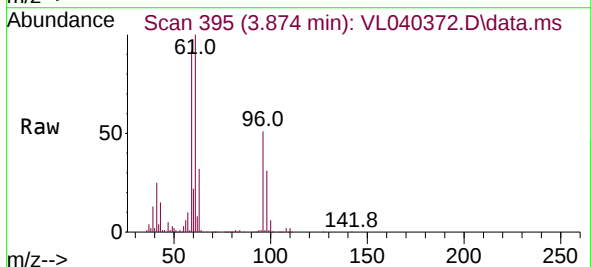
Tgt Ion: 96 Resp: 557373

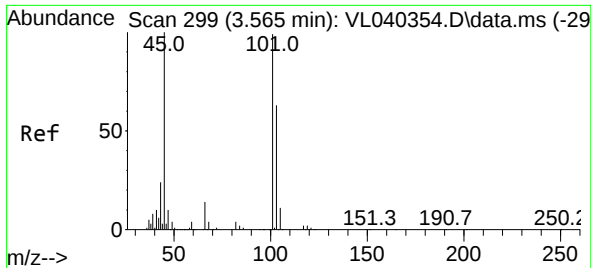
Ion Ratio Lower Upper

96 100

61 195.6 148.3 222.5

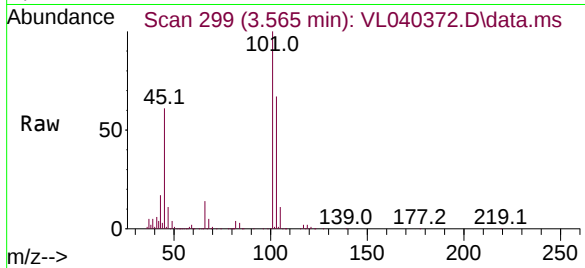
98 60.2 49.8 74.8





#19
Isopropyl Alcohol
Concen: 8.341 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

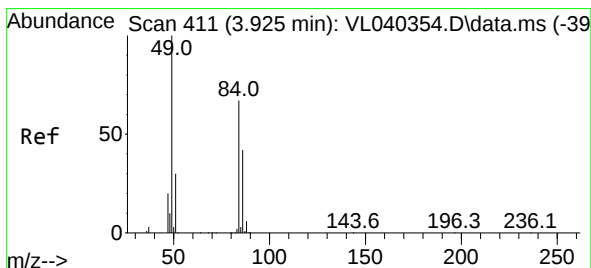
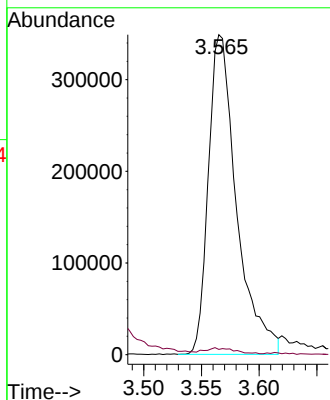
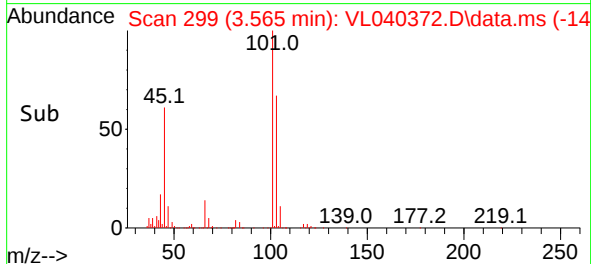
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



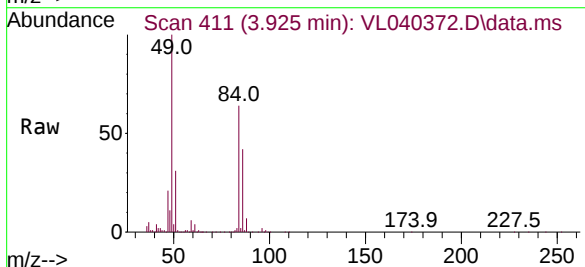
Tgt Ion: 45 Resp: 591520
Ion Ratio Lower Upper
45 100
58 1.9 2.6 4.0

Manual Integrations
APPROVED

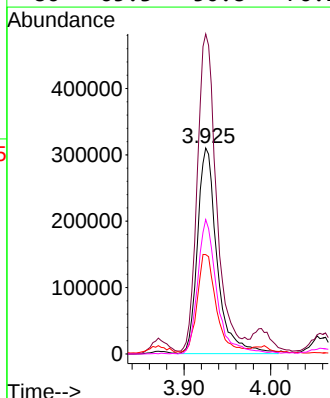
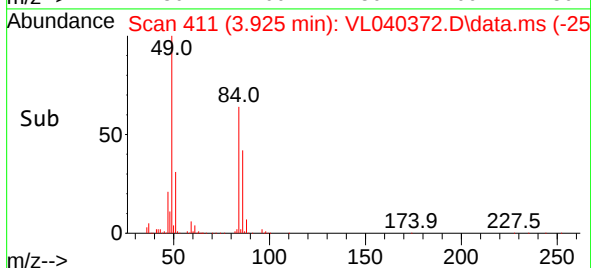
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

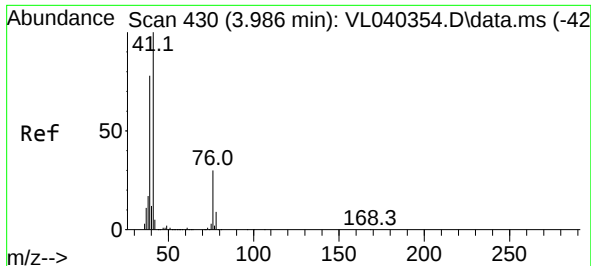


#20
Methylene Chloride
Concen: 7.877 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



Tgt Ion: 84 Resp: 488776
Ion Ratio Lower Upper
84 100
49 154.3 120.1 180.1
51 47.3 36.3 54.5
86 65.3 50.8 76.2





#21

Allyl Chloride

Concen: 9.449 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040372.D

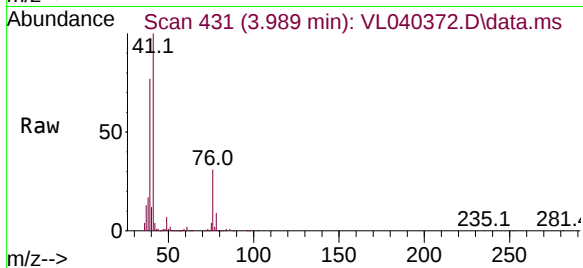
Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

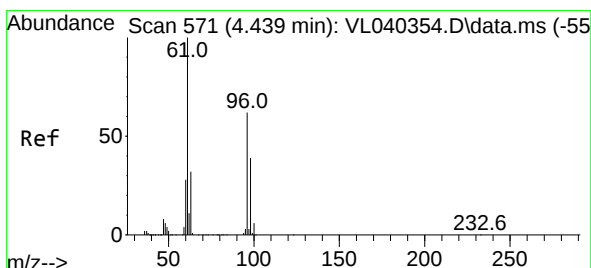
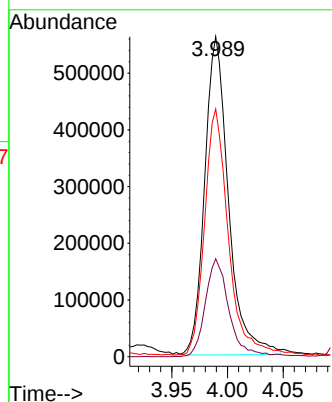
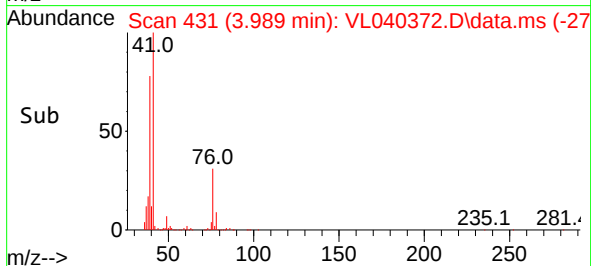


Tgt Ion:	41	Resp:	83449
Ion Ratio	Lower	Upper	
41	100		
76	30.9	25.5	38.3
39	78.3	64.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#22

trans-1,2-Dichloroethene

Concen: 8.745 ppbv

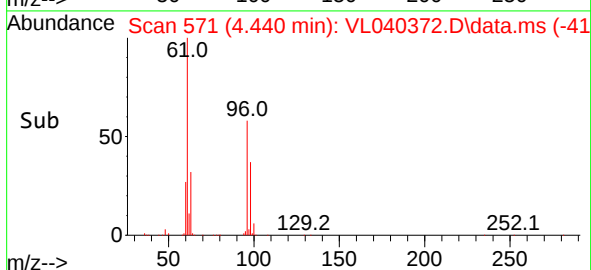
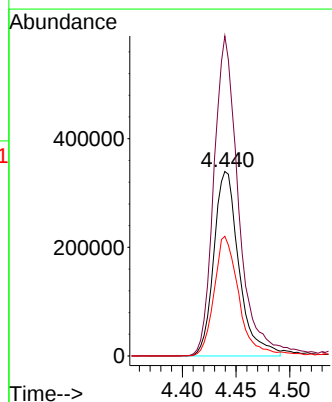
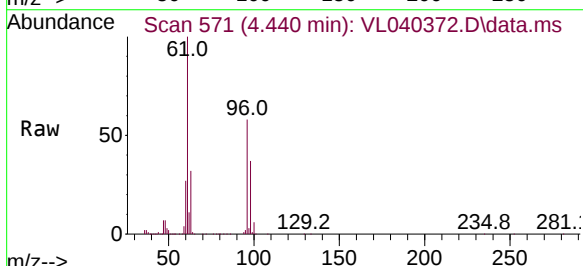
RT: 4.440 min Scan# 571

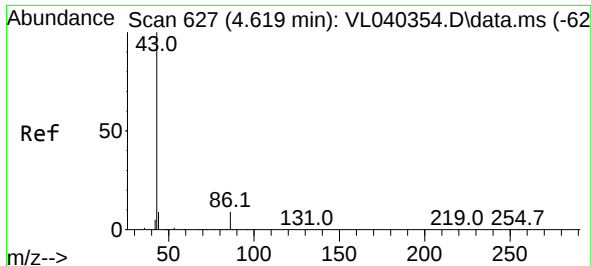
Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Tgt Ion:	96	Resp:	552388
Ion Ratio	Lower	Upper	
96	100		
61	173.4	129.4	194.2
98	64.9	51.0	76.4





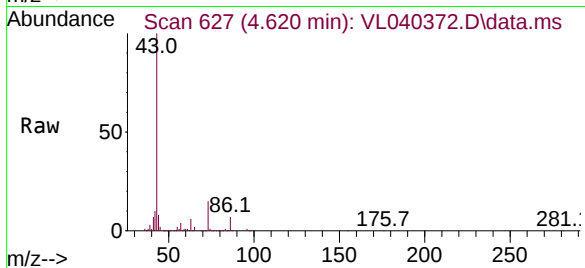
#23
 Vinyl Acetate
 Concen: 9.671 ppbv m
 RT: 4.620 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

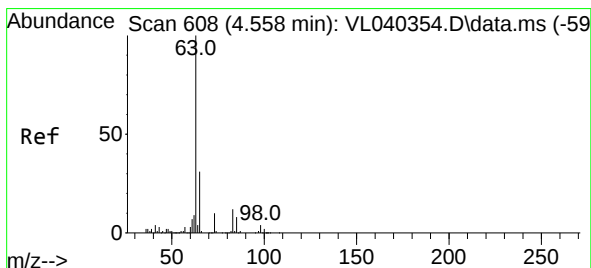
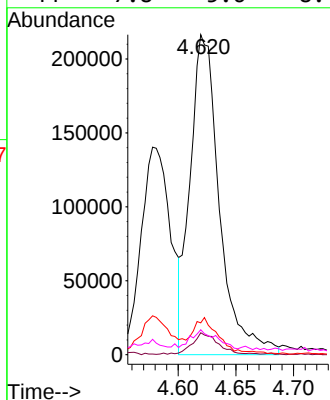
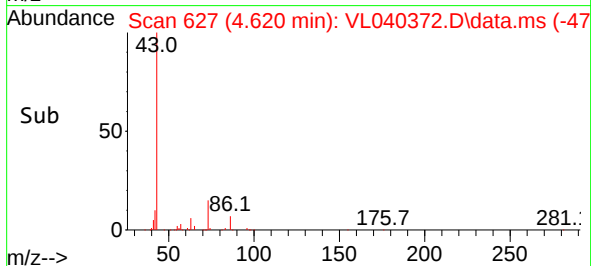


Tgt Ion: 43 Resp: 382711
 Ion Ratio Lower Upper
 43 100
 86 6.8 6.0 9.0
 42 10.0 6.4 9.6
 44 7.8 5.6 8.4

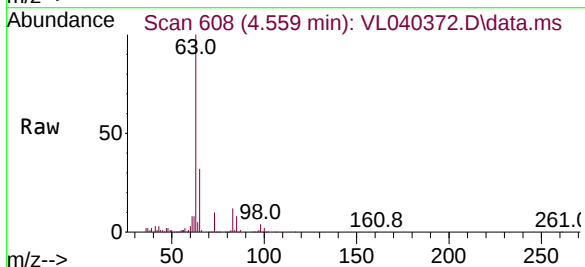
Manual Integrations

APPROVED

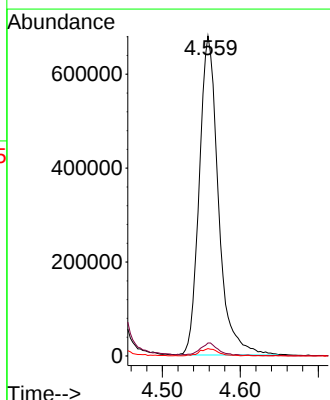
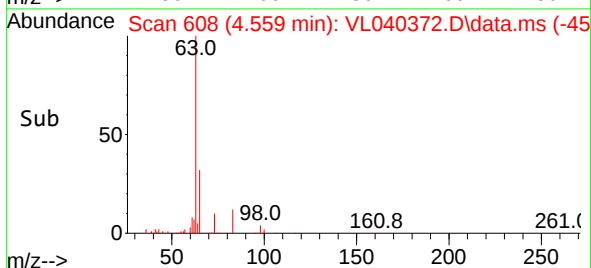
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

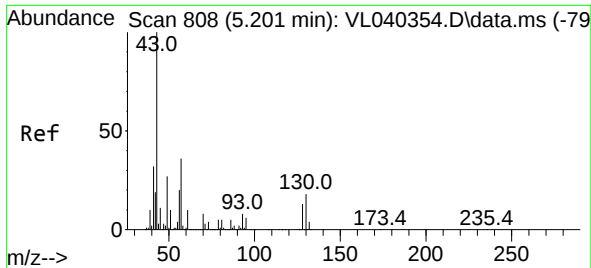


#24
 1,1-Dichloroethane
 Concen: 8.798 ppbv
 RT: 4.559 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31



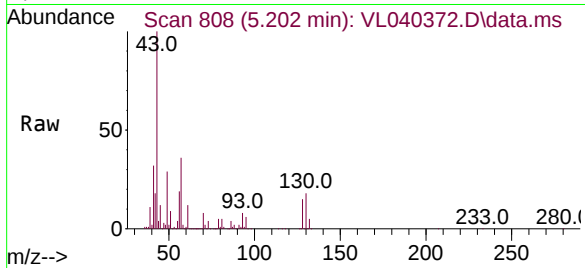
Tgt Ion: 63 Resp: 1158679
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.261 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

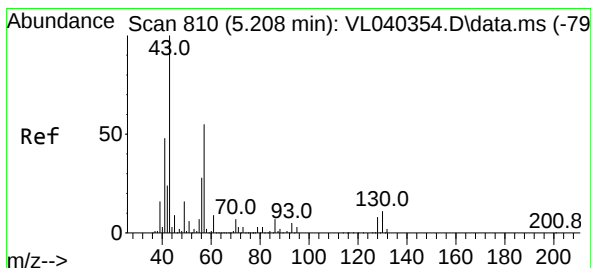
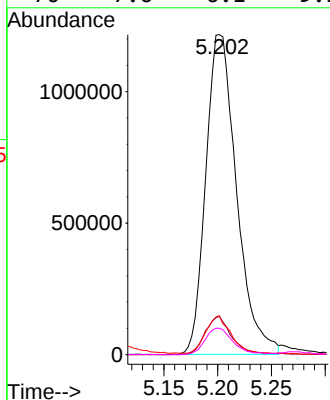
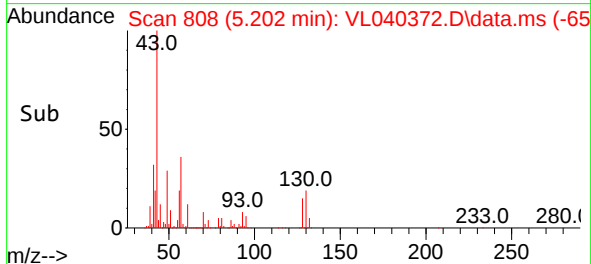
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



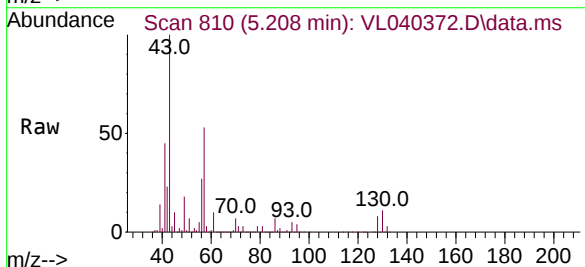
Tgt Ion: 43 Resp: 242196
Ion Ratio Lower Upper
43 100
45 10.6 8.5 12.7
61 10.7 8.5 12.7
70 7.6 6.1 9.1

Manual Integrations
APPROVED

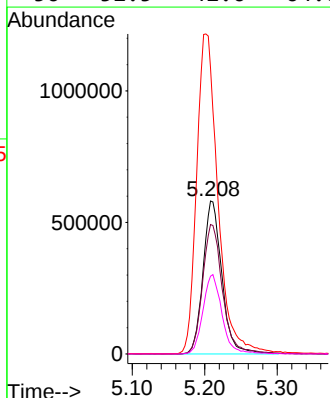
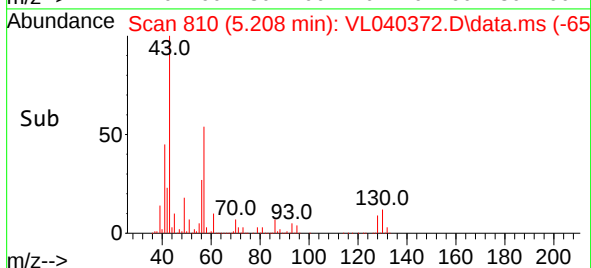
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

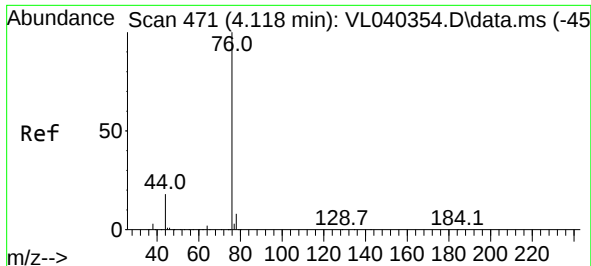


#26
Hexane
Concen: 9.534 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



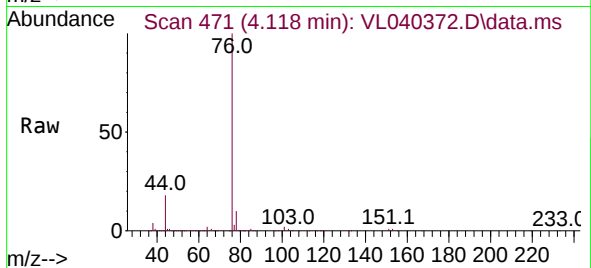
Tgt Ion: 57 Resp: 1051194
Ion Ratio Lower Upper
57 100
41 90.0 74.8 112.2
43 237.0 192.7 289.1
56 52.5 42.6 64.0





#27
Carbon Disulfide
Concen: 9.485 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

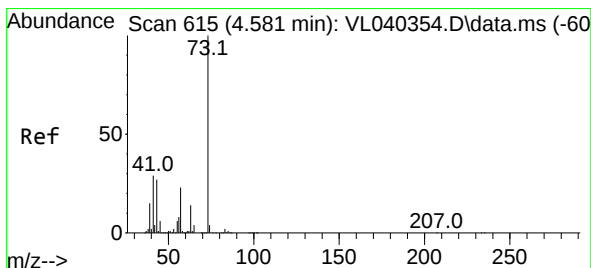
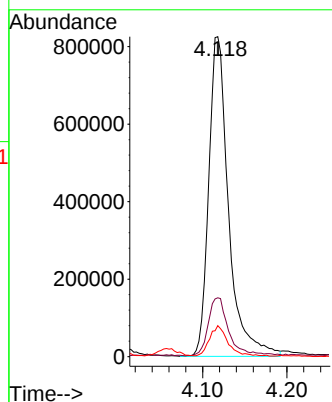
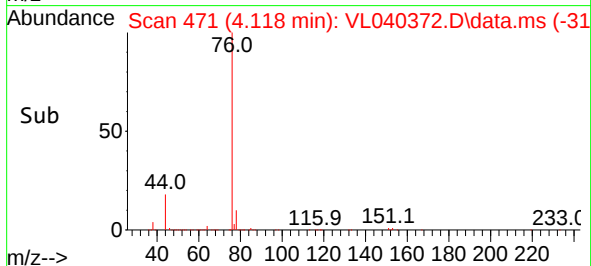
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1353374
Ion Ratio Lower Upper
76 100
44 19.0 14.7 22.1
78 9.7 7.7 11.5

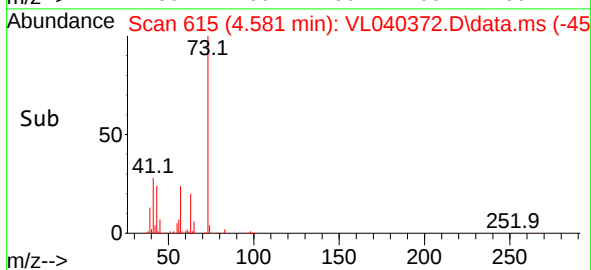
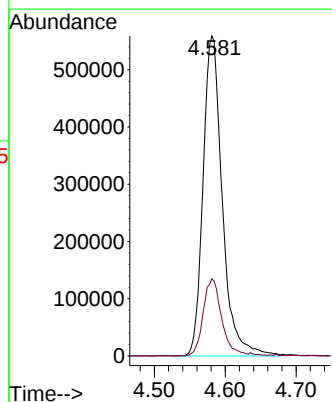
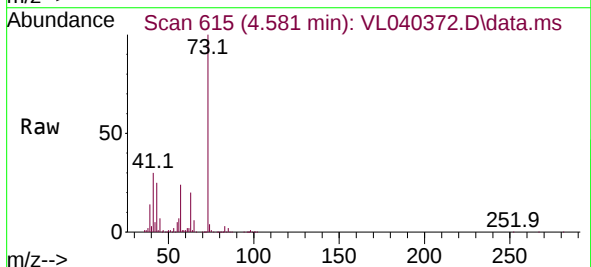
Manual Integrations
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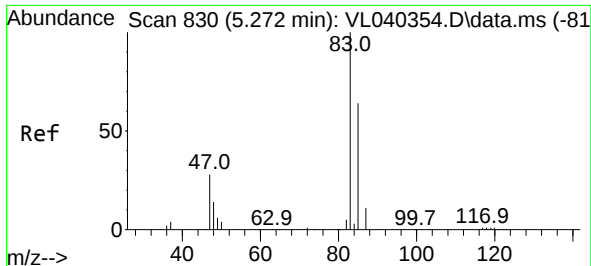
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#28
Methyl tert-Butyl Ether
Concen: 9.265 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Tgt Ion: 73 Resp: 1054440
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8





#29

Chloroform

Concen: 9.026 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 177271

Ion Ratio Lower Upper

83 100

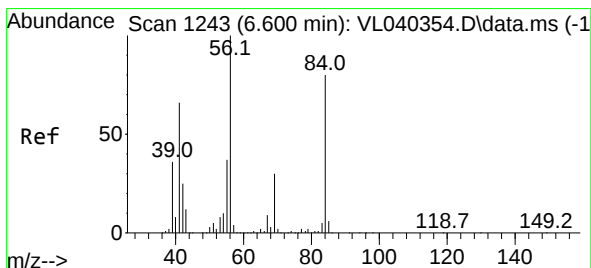
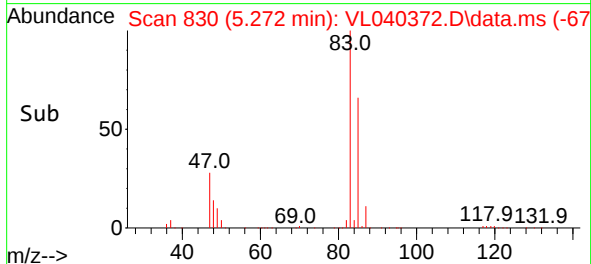
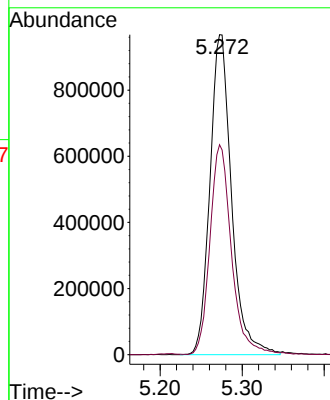
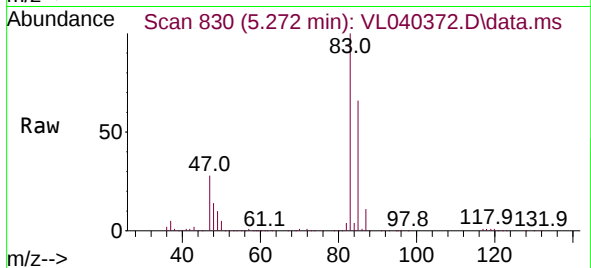
85 65.4 51.0 76.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Cyclohexane

Concen: 10.238 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

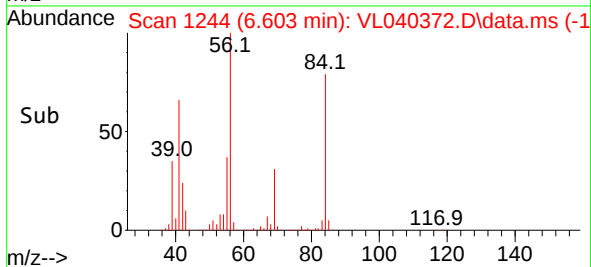
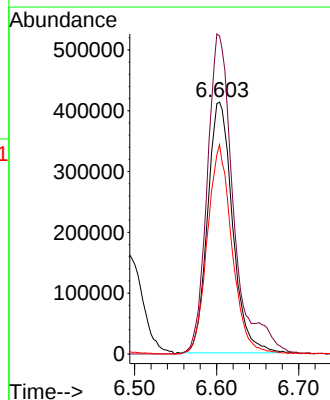
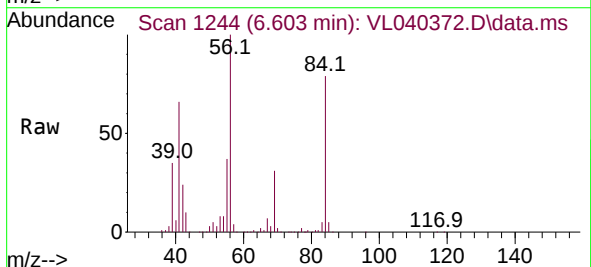
Tgt Ion: 84 Resp: 874219

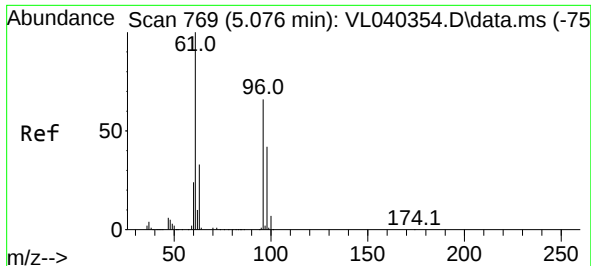
Ion Ratio Lower Upper

84 100

56 135.2 107.0 160.6

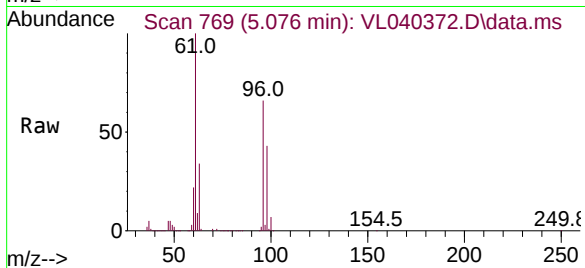
41 82.1 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 9.861 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31

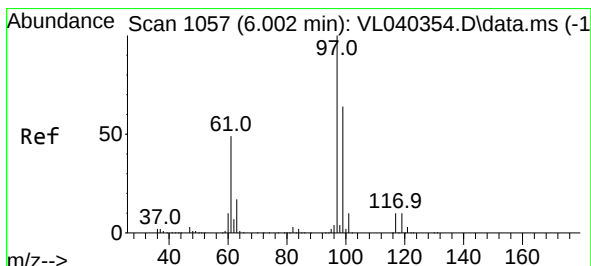
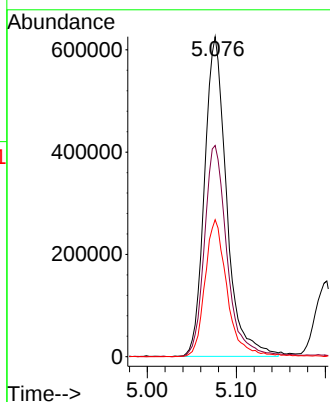
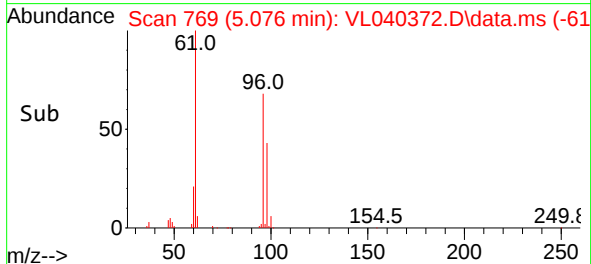
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



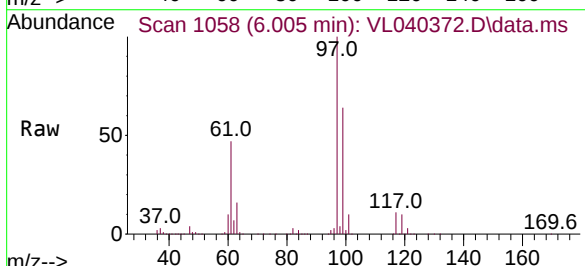
Tgt Ion: 61 Resp: 107760
 Ion Ratio Lower Upper
 61 100
 96 66.0 53.0 79.4
 98 42.8 33.8 50.8

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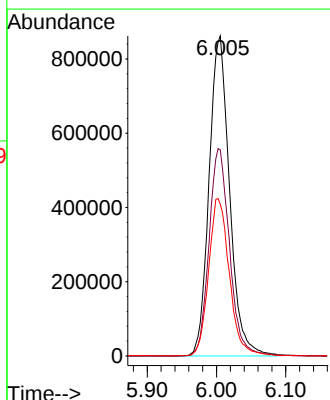
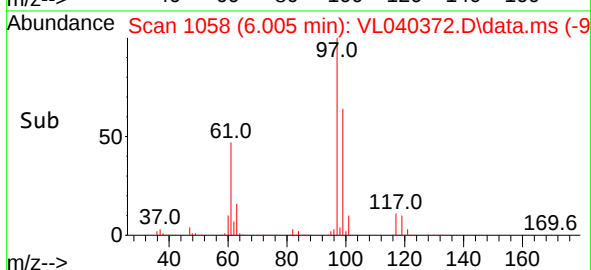
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

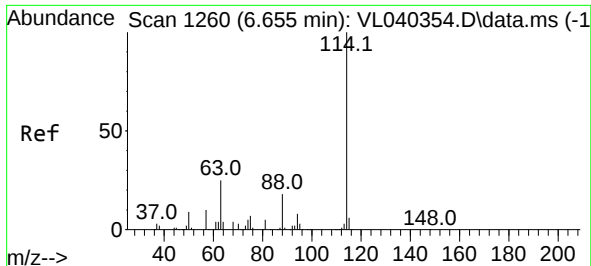


#32
 1,1,1-Trichloroethane
 Concen: 9.271 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31



Tgt Ion: 97 Resp: 1769134
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.8
 61 49.8 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 278156

Ion Ratio Lower Upper

114 100

63 25.9 21.4 32.0

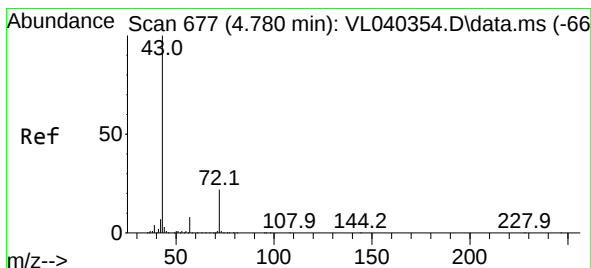
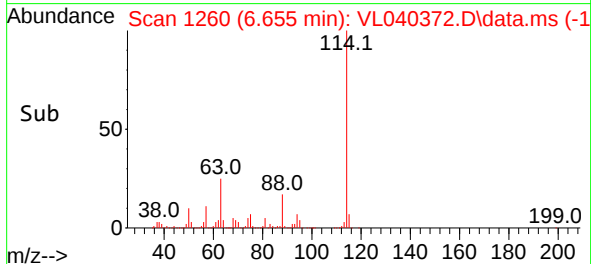
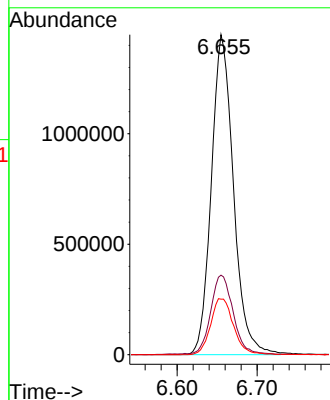
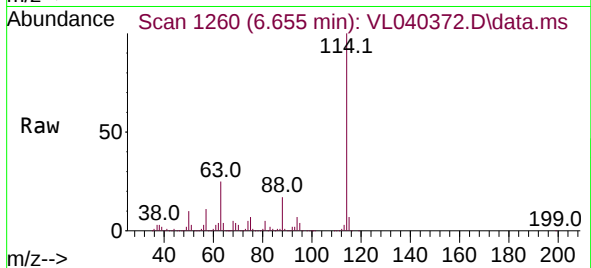
88 18.2 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

2-Butanone

Concen: 9.659 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL040372.D

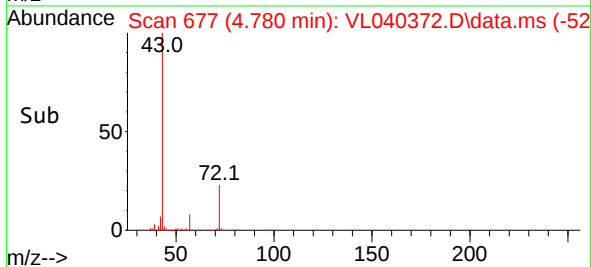
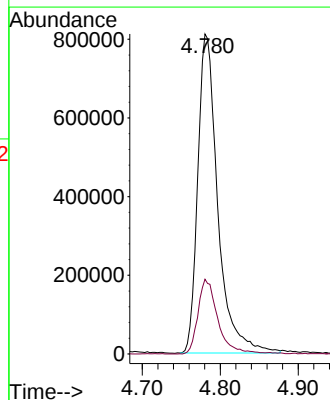
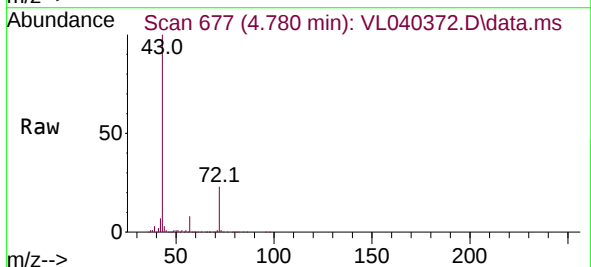
Acq: 14 Apr 2023 00:31

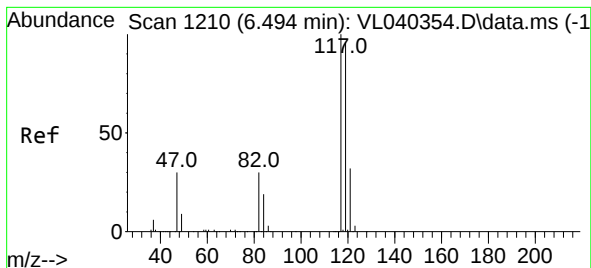
Tgt Ion: 43 Resp: 1448669

Ion Ratio Lower Upper

43 100

72 23.6 18.4 27.6





#35

Carbon Tetrachloride

Concen: 9.209 ppbv

RT: 6.494 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL040372.D

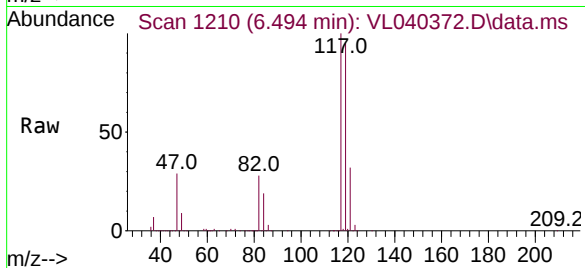
Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 117 Resp: 180325

Ion Ratio Lower Upper

117 100

119 94.6 76.6 114.8

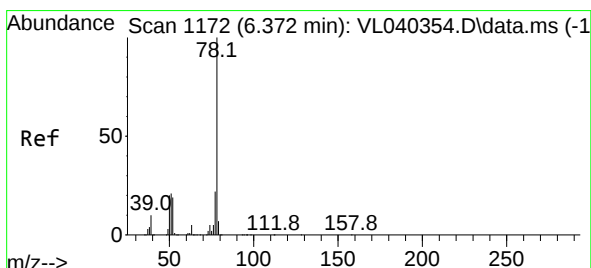
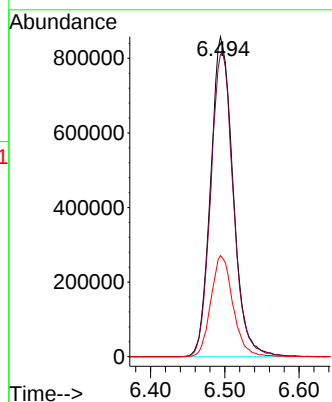
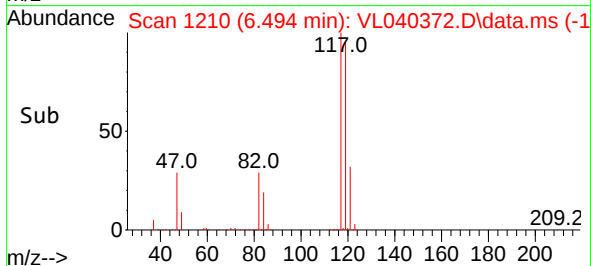
121 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#36

Benzene

Concen: 9.690 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

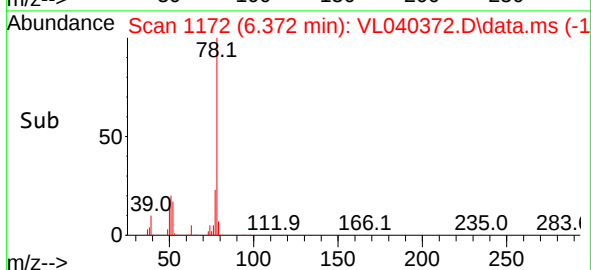
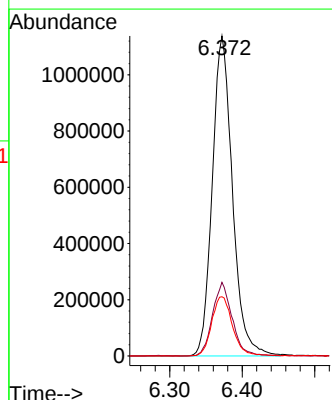
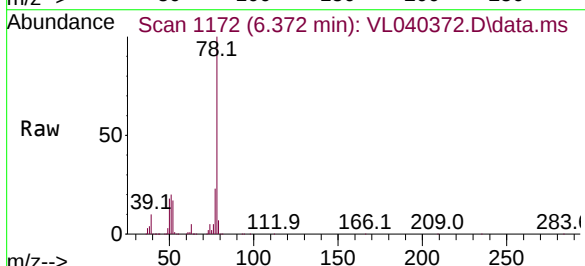
Tgt Ion: 78 Resp: 2198993

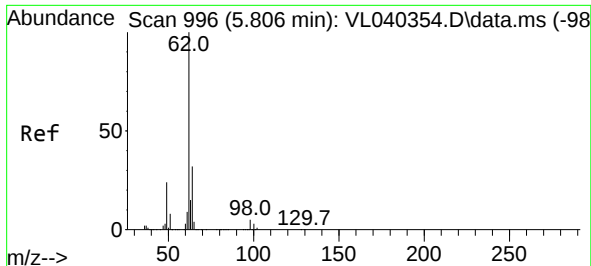
Ion Ratio Lower Upper

78 100

77 23.0 17.8 26.8

50 18.5 15.6 23.4





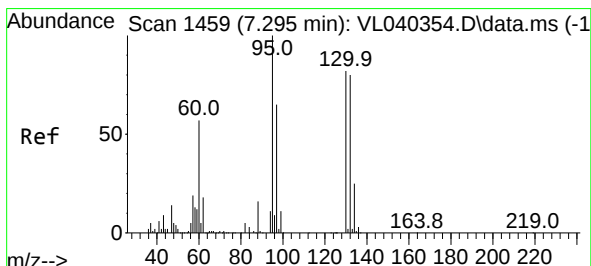
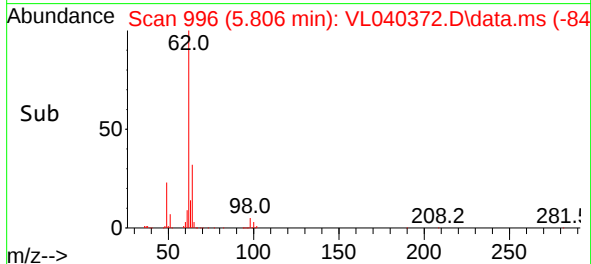
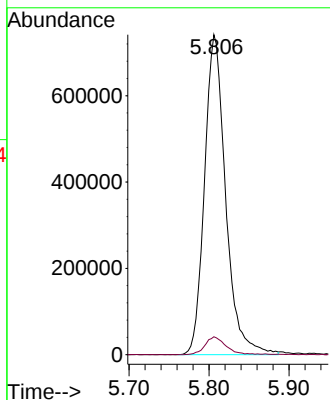
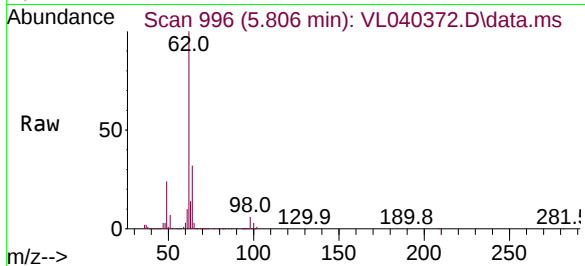
#37
1,2-Dichloroethane
Concen: 9.152 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 136428
Ion Ratio Lower Upper
62 100
98 5.8 4.4 6.6

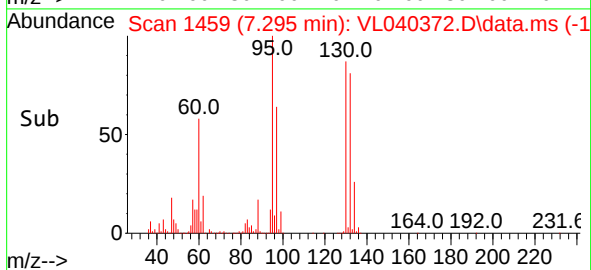
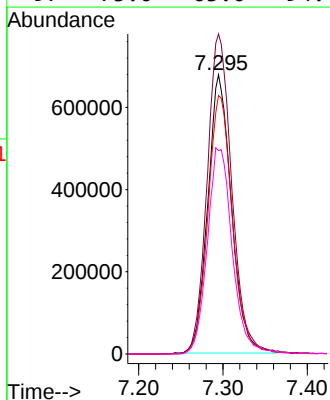
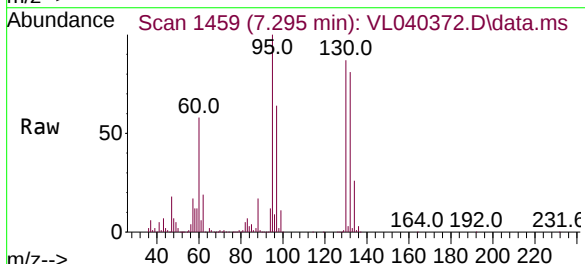
Manual Integrations
APPROVED

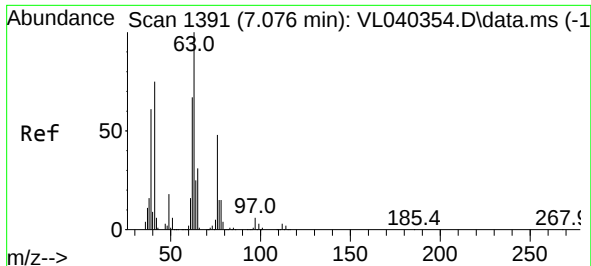
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Trichloroethene
Concen: 10.228 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Tgt Ion:130 Resp: 1321118
Ion Ratio Lower Upper
130 100
95 115.0 97.4 146.0
132 92.9 77.5 116.3
97 73.0 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.534 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

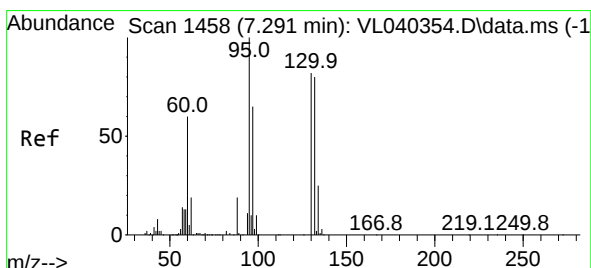
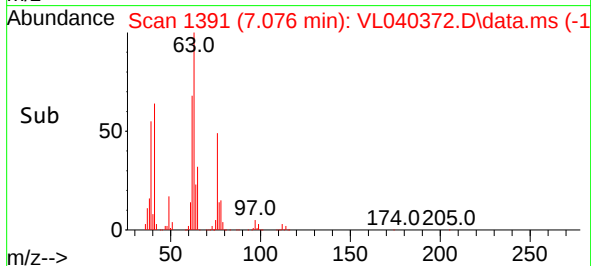
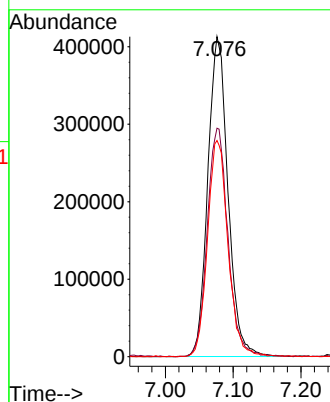
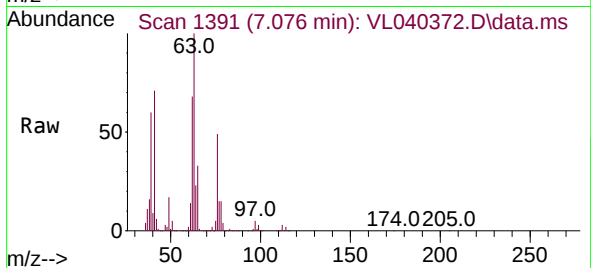
Tgt Ion: 63 Resp: 851352

Ion	Ratio	Lower	Upper
63	100		
41	71.5	59.6	89.4
62	67.5	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#40

1,4-Dioxane

Concen: 8.578 ppbv

RT: 7.292 min Scan# 1458

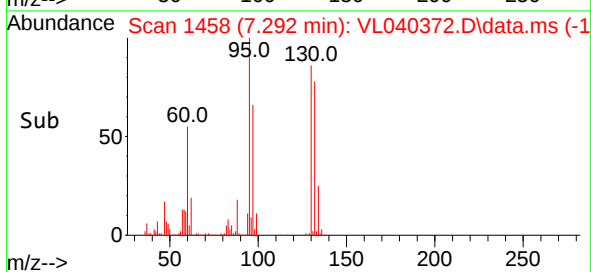
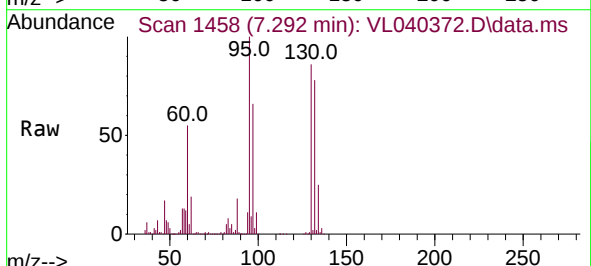
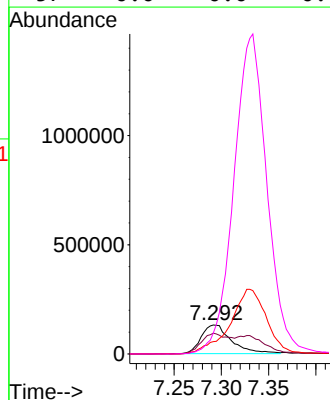
Delta R.T. 0.000 min

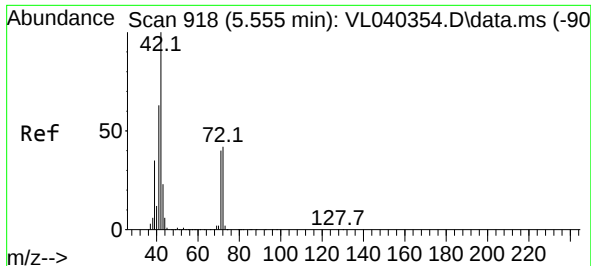
Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Tgt Ion: 88 Resp: 293357

Ion	Ratio	Lower	Upper
88	100		
58	63.7	100.8	151.2#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.076 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 827718

Ion Ratio Lower Upper

42 100

72 42.4 33.7 50.5

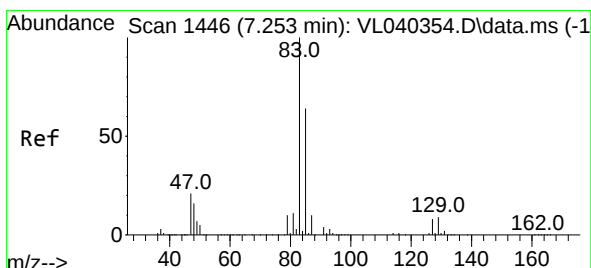
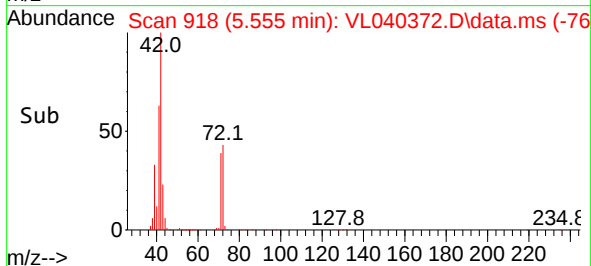
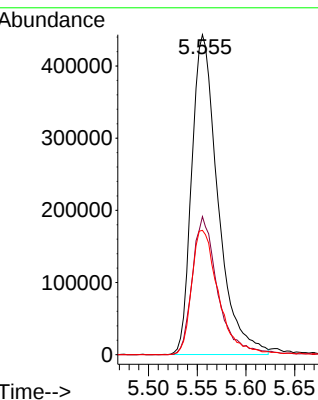
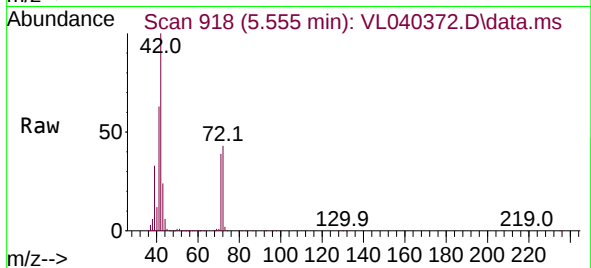
71 40.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#42

Bromodichloromethane

Concen: 9.341 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

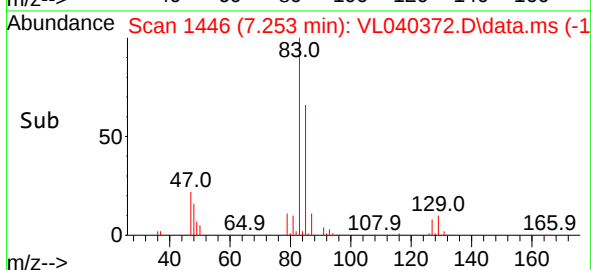
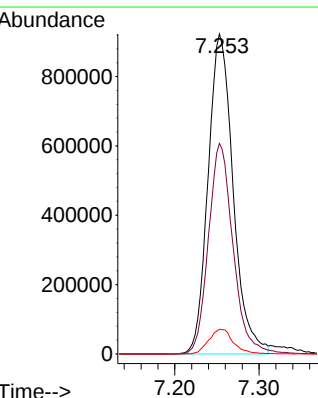
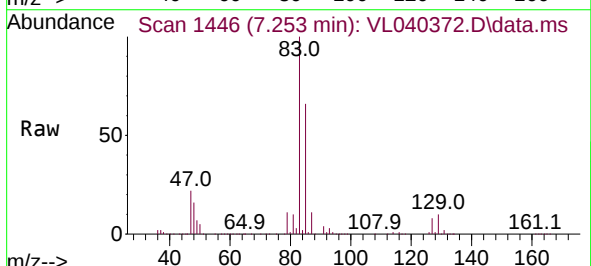
Tgt Ion: 83 Resp: 1901567

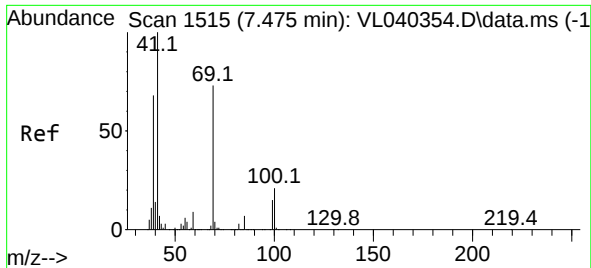
Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3

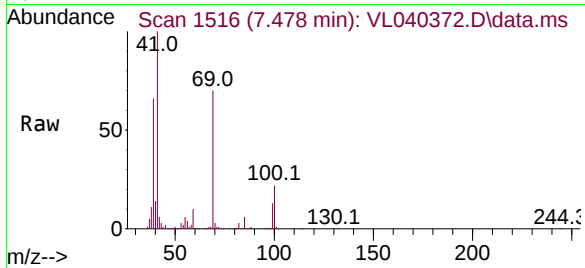
127 7.7 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.388 ppbv
RT: 7.478 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

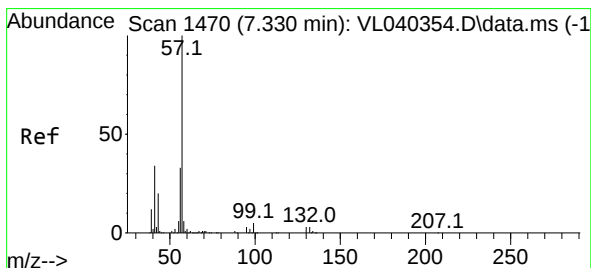
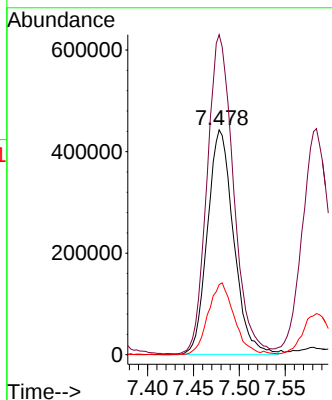
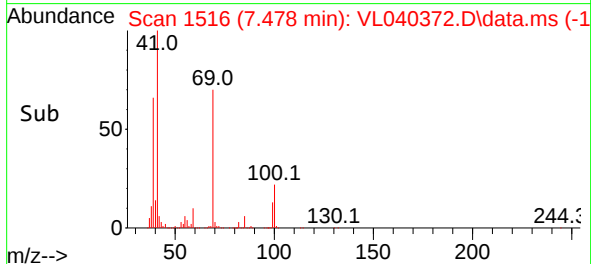
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



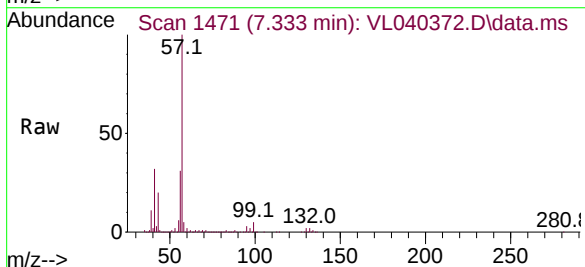
Tgt Ion: 69 Resp: 875598
Ion Ratio Lower Upper
69 100
41 144.2 114.3 171.5
100 32.2 24.5 36.7

Manual Integrations
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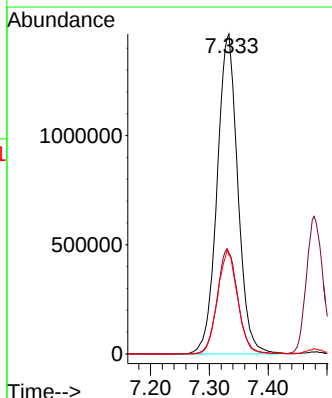
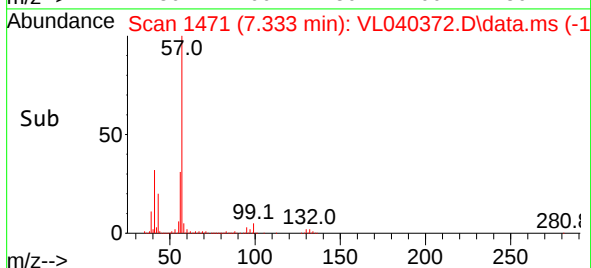
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

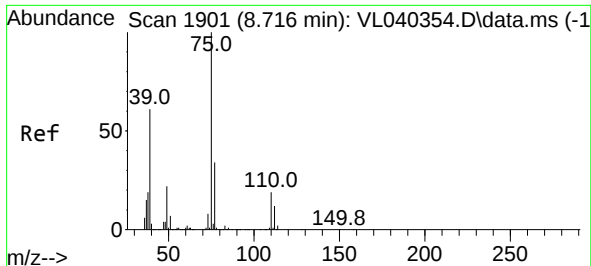


#44
2,2,4-Trimethylpentane
Concen: 9.450 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



Tgt Ion: 57 Resp: 3582070
Ion Ratio Lower Upper
57 100
41 32.6 26.9 40.3
56 31.5 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.124 ppbv

RT: 8.719 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 837580

Ion Ratio Lower Upper

75 100

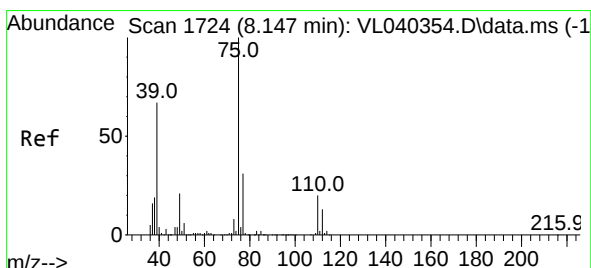
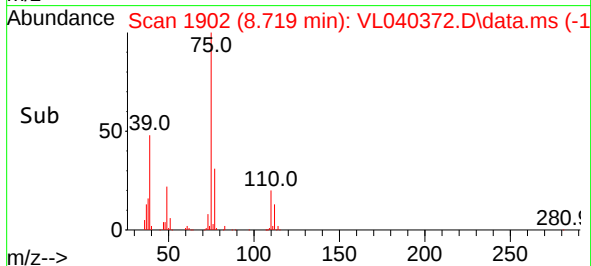
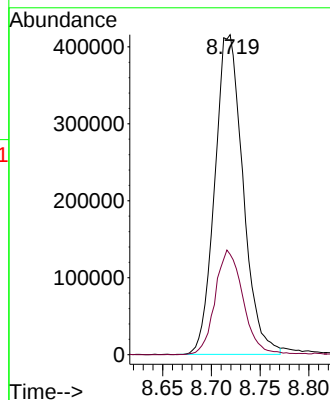
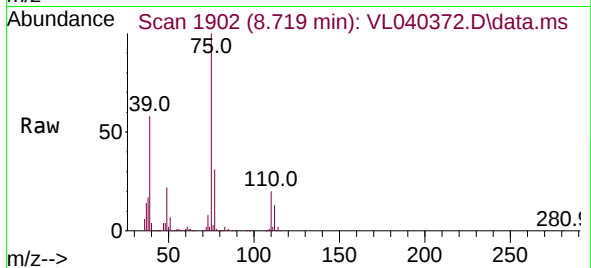
77 31.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

cis-1,3-Dichloropropene

Concen: 10.995 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.003 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

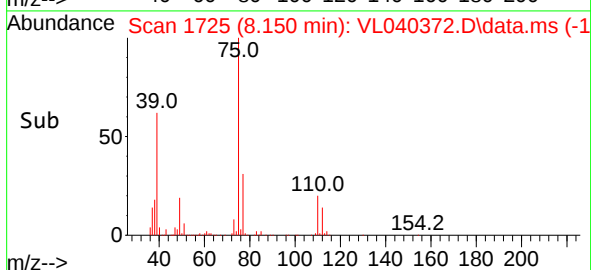
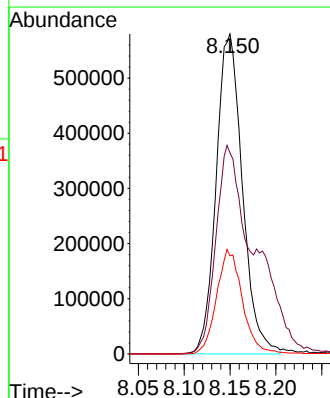
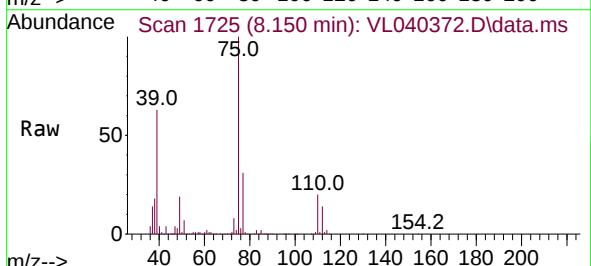
Tgt Ion: 75 Resp: 1152231

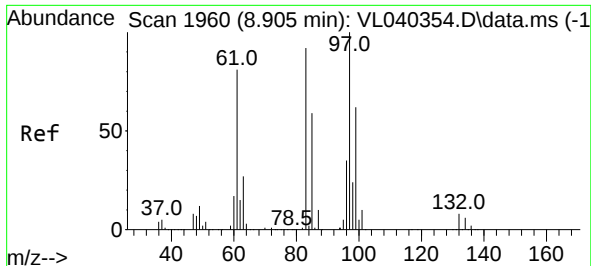
Ion Ratio Lower Upper

75 100

39 62.8 53.4 80.2

77 30.7 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.335 ppbv

RT: 8.906 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040372.D

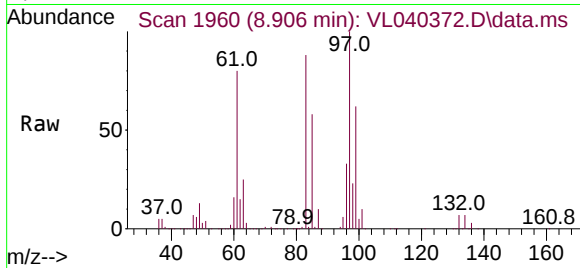
Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 91398

Ion Ratio Lower Upper

97 100

83 88.4 73.3 109.9

85 58.3 46.9 70.3

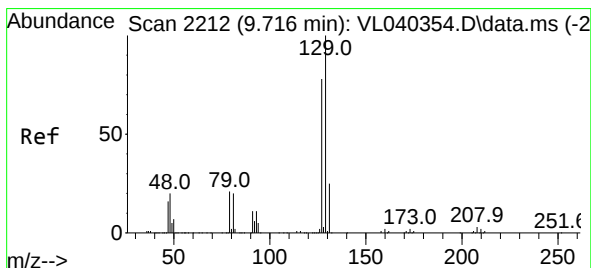
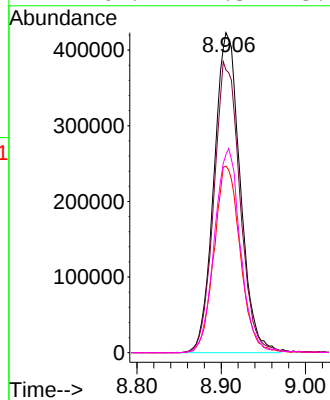
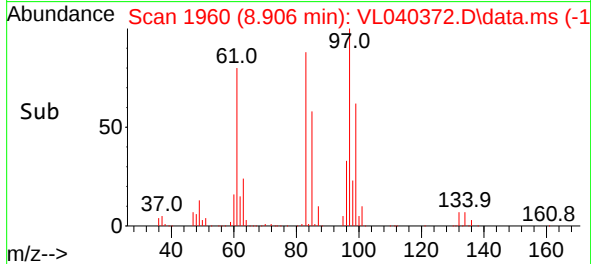
99 61.9 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Dibromochloromethane

Concen: 9.723 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.003 min

Lab File: VL040372.D

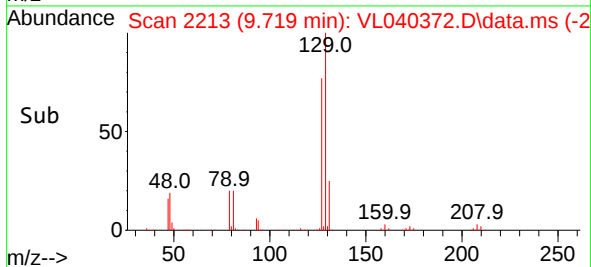
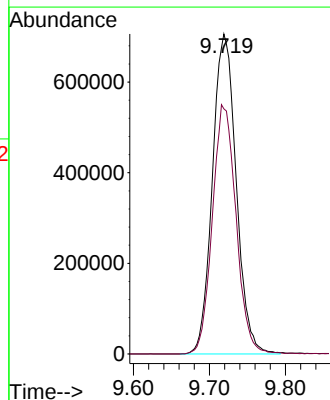
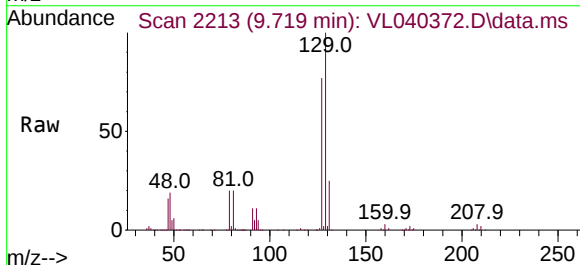
Acq: 14 Apr 2023 00:31

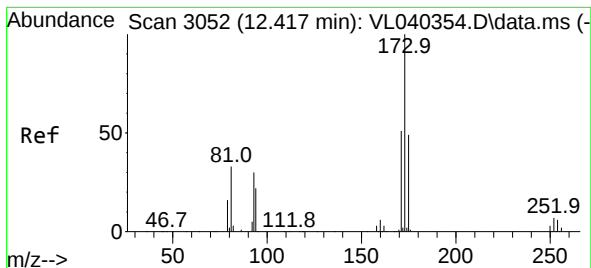
Tgt Ion:129 Resp: 1533050

Ion Ratio Lower Upper

129 100

127 77.8 39.2 117.6





#49

Bromoform

Concen: 9.661 ppbv

RT: 12.420 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1188064

Ion Ratio Lower Upper

173 100

175 49.3 39.8 59.8

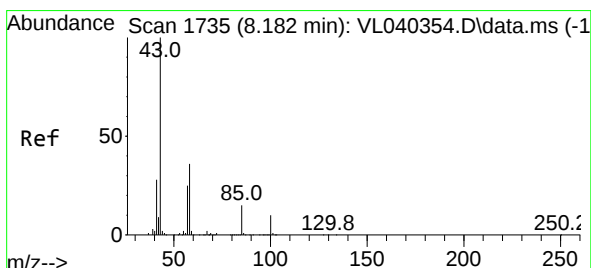
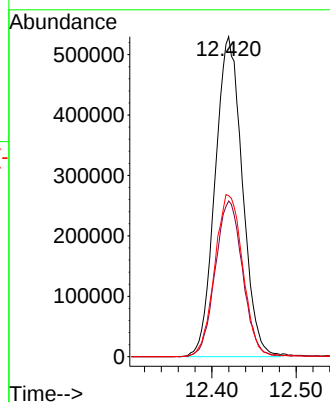
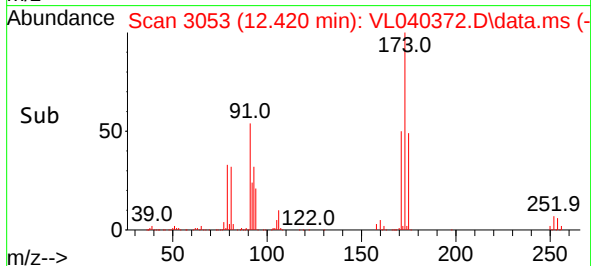
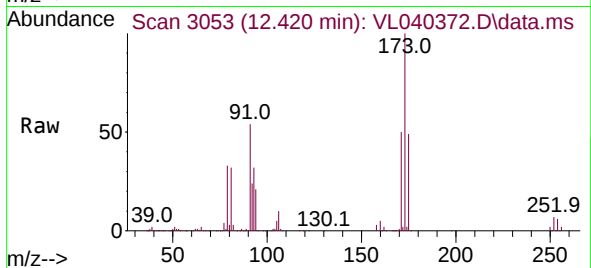
171 52.5 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

4-Methyl-2-Pentanone

Concen: 9.947 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VL040372.D

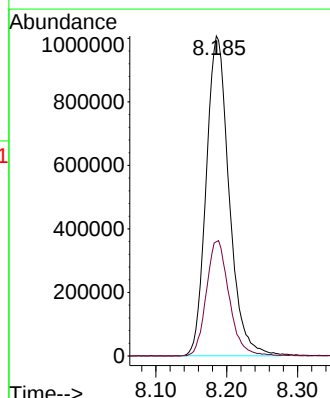
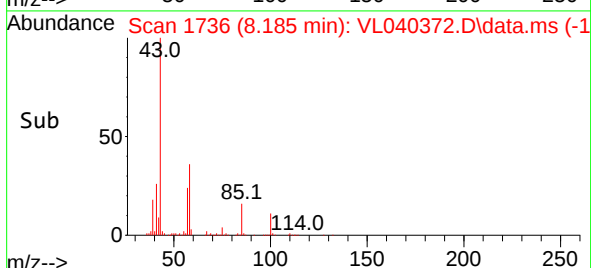
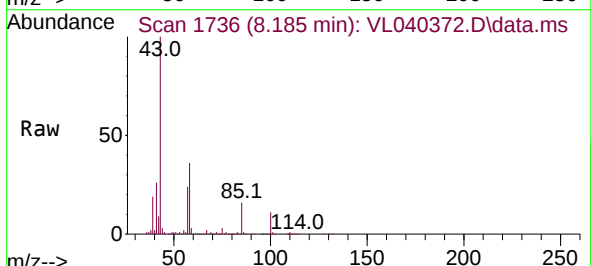
Acq: 14 Apr 2023 00:31

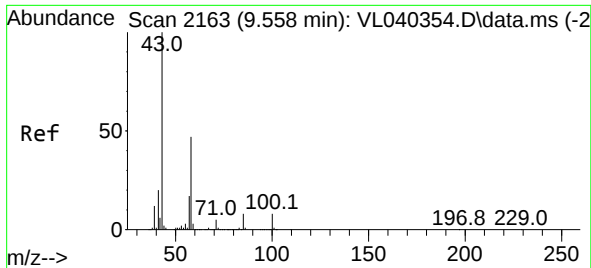
Tgt Ion: 43 Resp: 2262099

Ion Ratio Lower Upper

43 100

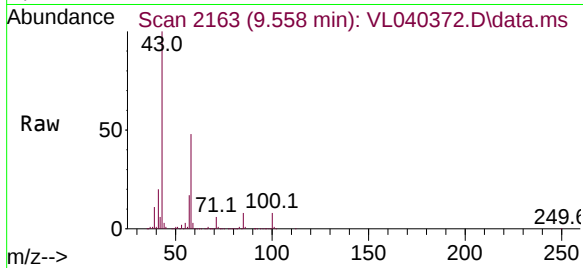
58 36.1 28.6 43.0





#51
2-Hexanone
Concen: 10.417 ppbv
RT: 9.558 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

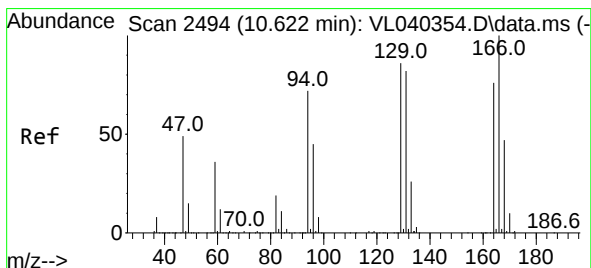
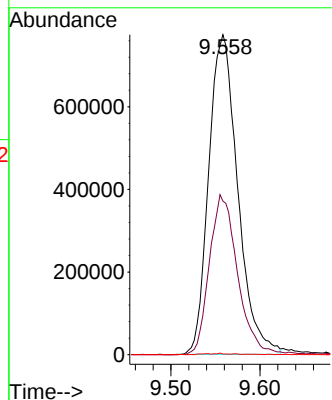
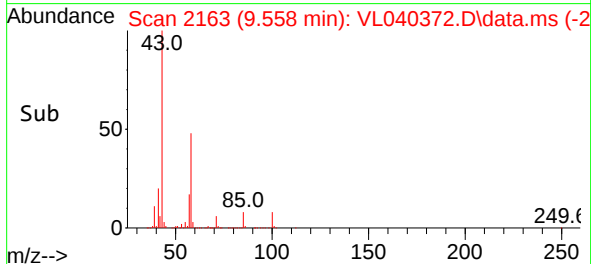
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



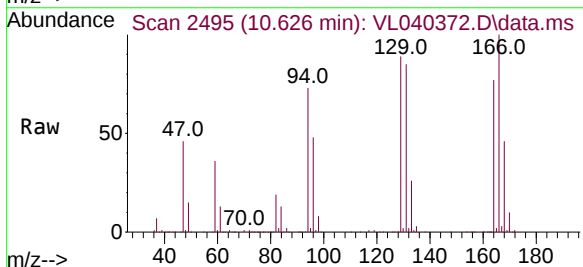
Tgt Ion: 43 Resp: 1750548
Ion Ratio Lower Upper
43 100
58 49.1 38.3 57.5
98 0.5 0.4 0.6

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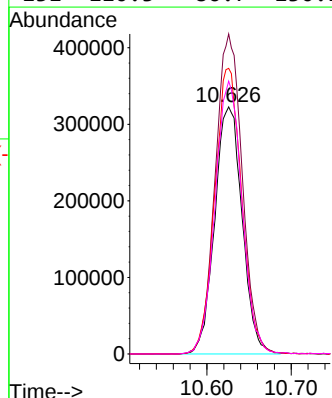
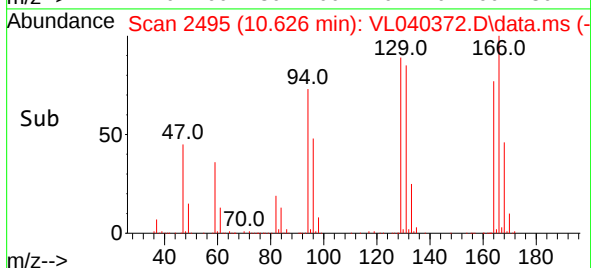
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

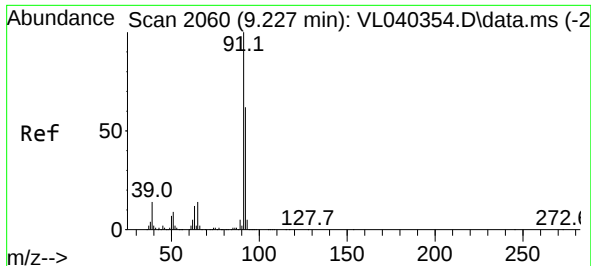


#52
Tetrachloroethene
Concen: 10.248 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



Tgt Ion:164 Resp: 727471
Ion Ratio Lower Upper
164 100
166 129.5 105.2 157.8
129 115.5 90.3 135.5
131 110.3 86.7 130.1





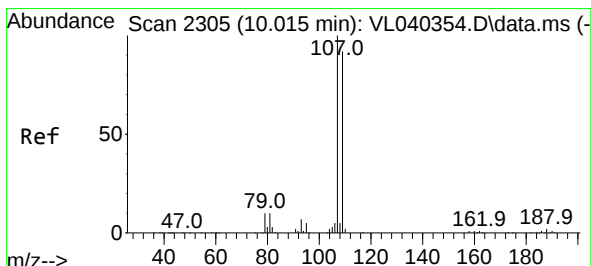
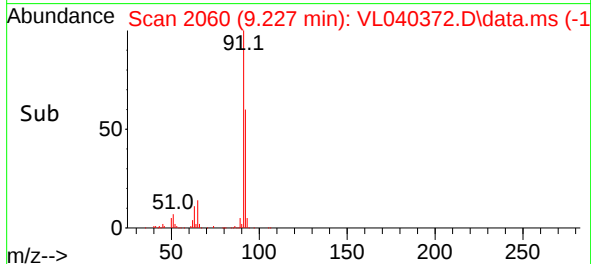
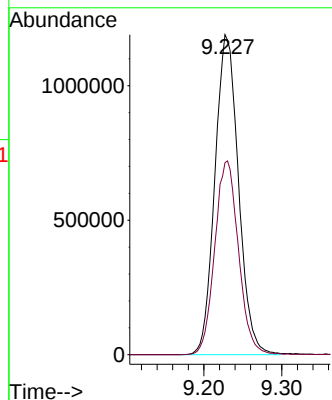
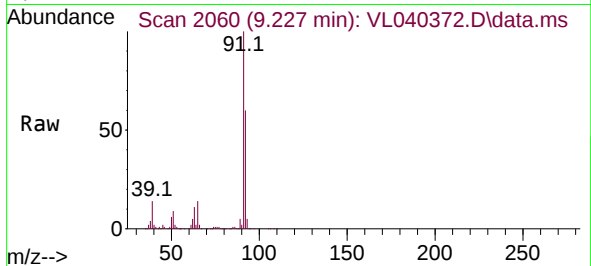
#53
Toluene
Concen: 10.411 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 250492
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3

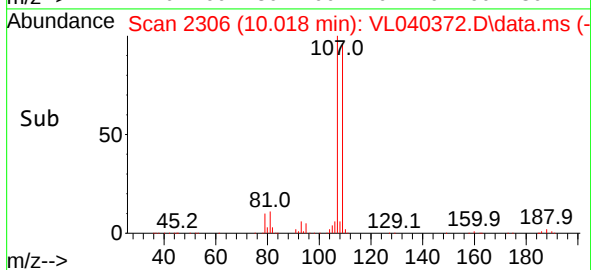
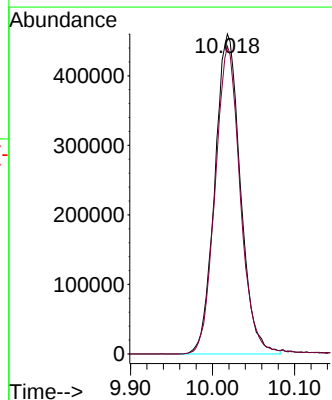
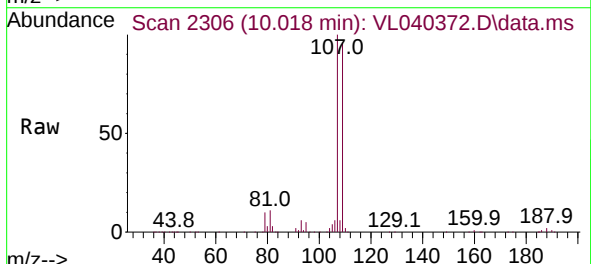
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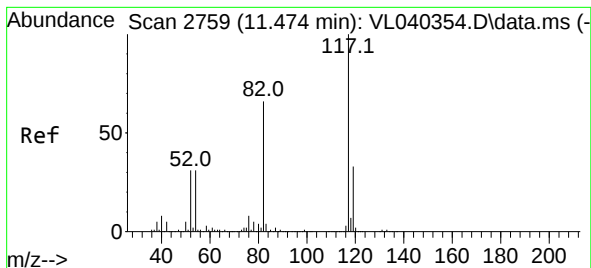
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
1,2-Dibromoethane
Concen: 10.028 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

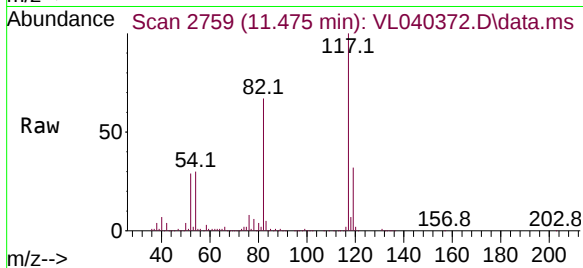
Tgt Ion:107 Resp: 995410
Ion Ratio Lower Upper
107 100
109 96.1 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

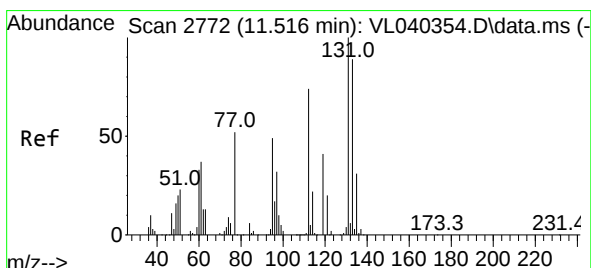
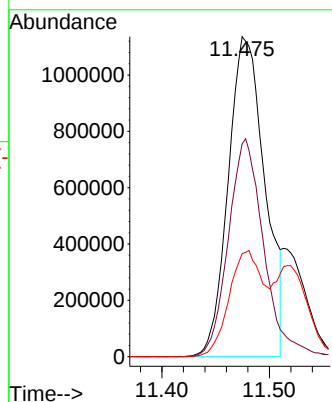
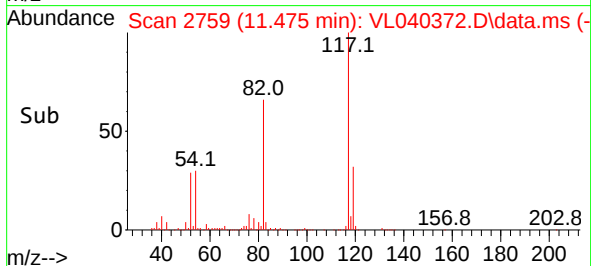
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



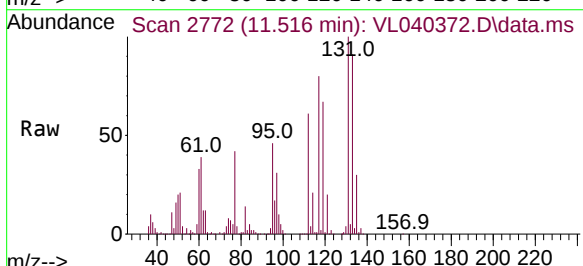
Tgt Ion:117 Resp: 268859
Ion Ratio Lower Upper
117 100
82 65.9 52.5 78.7
119 29.6 24.3 36.5

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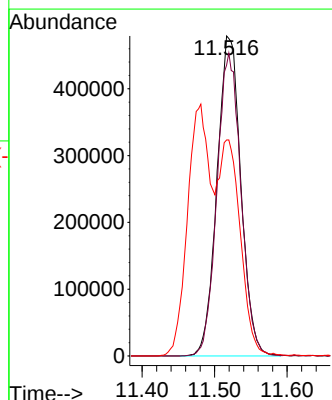
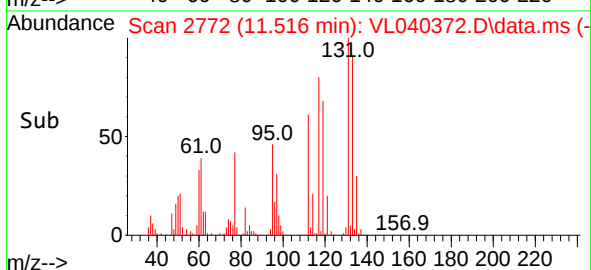
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

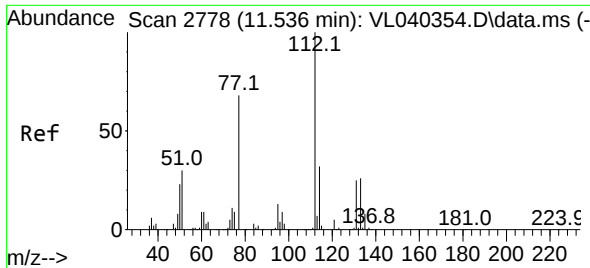


#56
1,1,1,2-Tetrachloroethane
Concen: 8.924 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



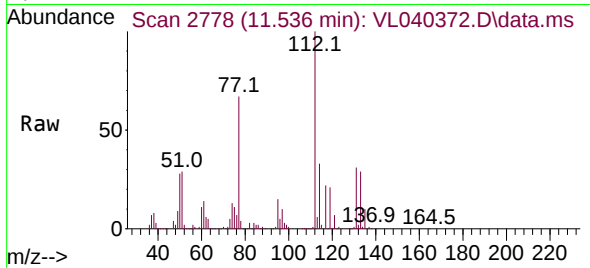
Tgt Ion:131 Resp: 1095195
Ion Ratio Lower Upper
131 100
133 94.9 75.3 112.9
119 66.9 53.9 80.9





#57
Chlorobenzene
Concen: 8.972 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

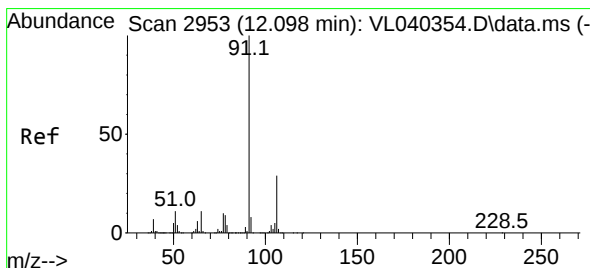
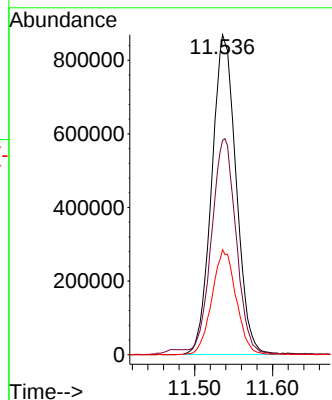
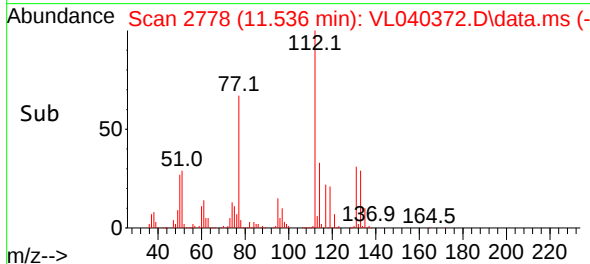
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 112 Resp: 188878
Ion Ratio Lower Upper
112 100
77 66.8 55.8 83.8
114 32.7 29.1 35.5

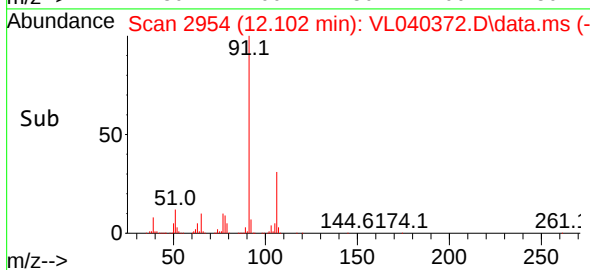
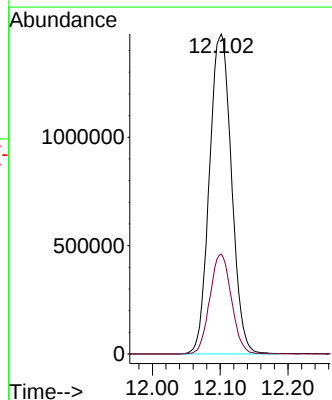
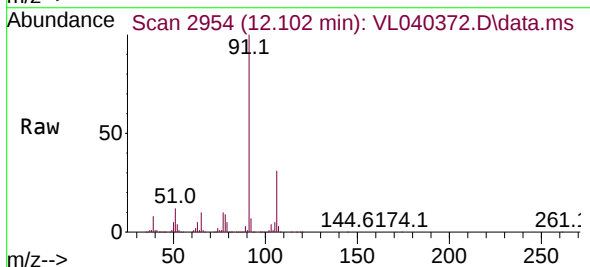
Manual Integrations
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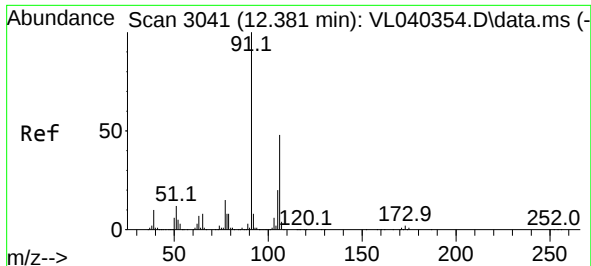
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#58
Ethyl Benzene
Concen: 10.112 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Tgt Ion: 91 Resp: 3344324
Ion Ratio Lower Upper
91 100
106 31.2 23.5 35.3





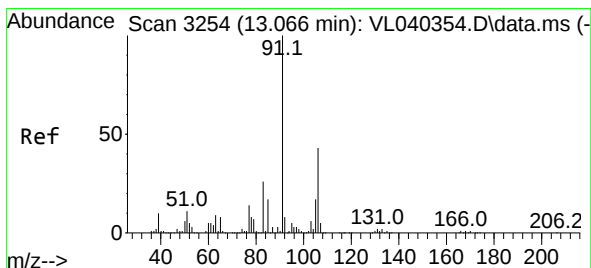
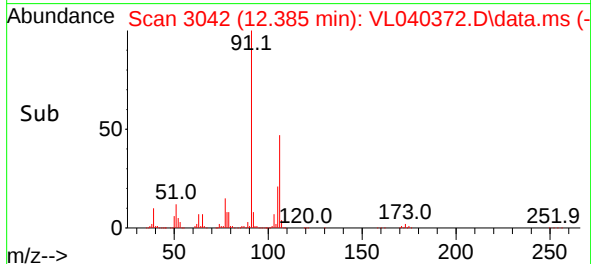
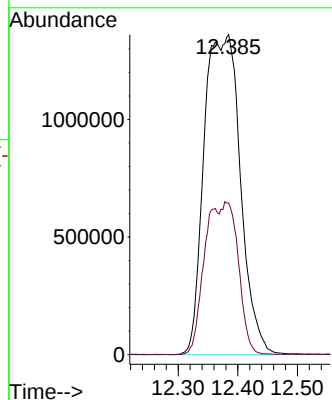
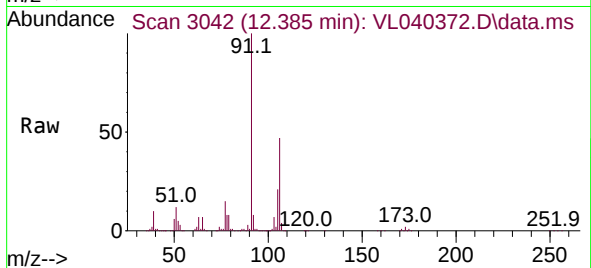
#59
m/p-Xylene
Concen: 18.855 ppbv m
RT: 12.385 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 573461
Ion Ratio Lower Upper
91 100
106 44.0 34.7 52.1

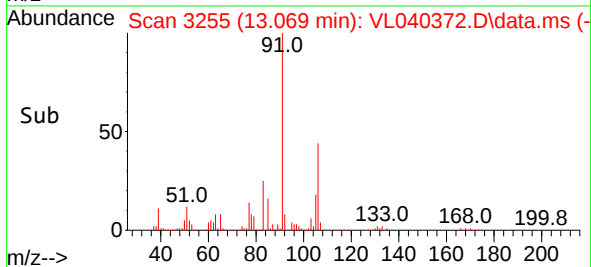
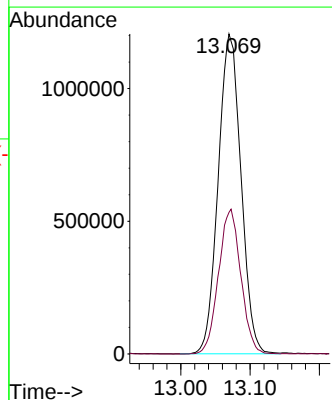
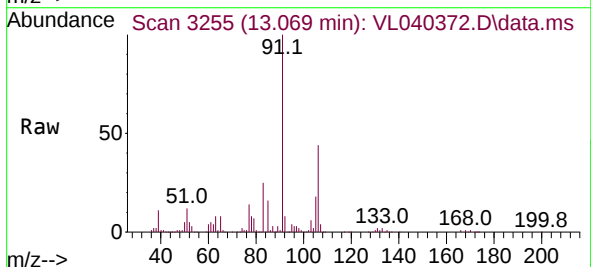
Manual Integrations
APPROVED

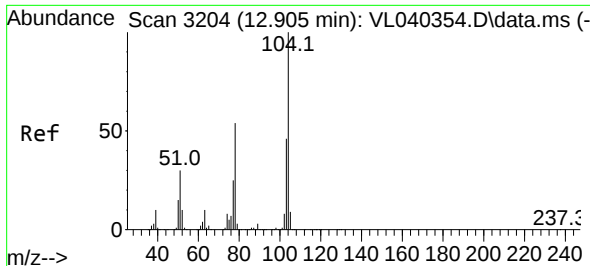
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#60
o-Xylene
Concen: 9.450 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

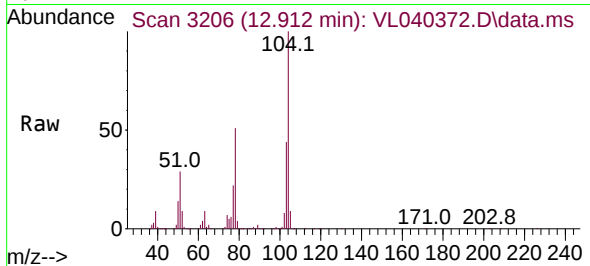
Tgt Ion: 91 Resp: 2758460
Ion Ratio Lower Upper
91 100
106 44.3 21.9 65.8





#61
Styrene
Concen: 10.777 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

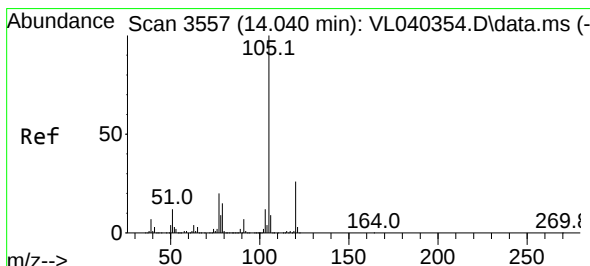
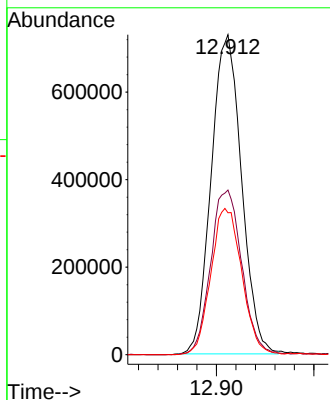
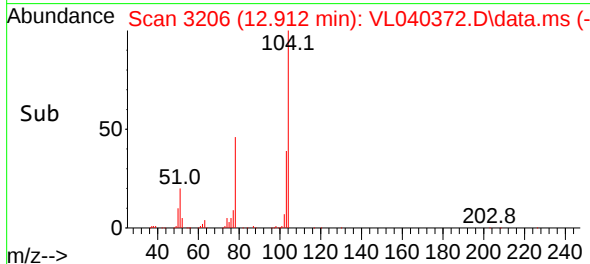
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



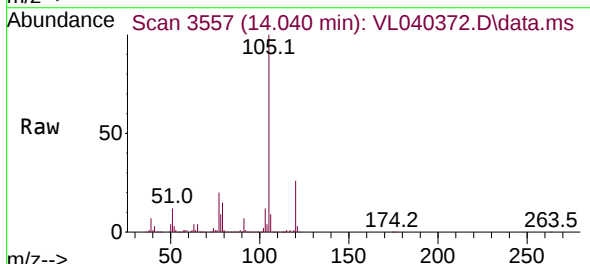
Tgt Ion:104 Resp: 157584
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 47.2 37.0 55.4

Manual Integrations
APPROVED

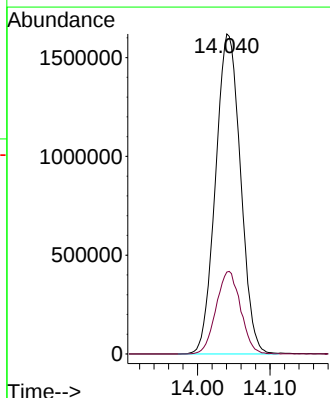
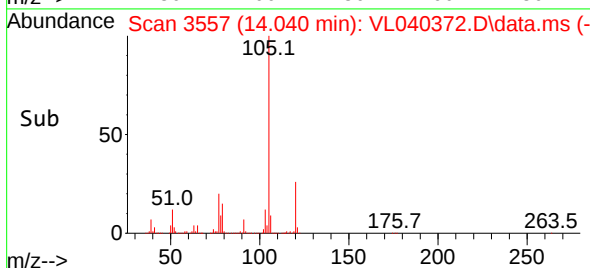
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

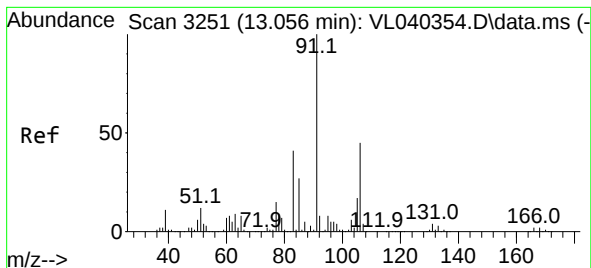


#62
Isopropylbenzene
Concen: 9.211 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



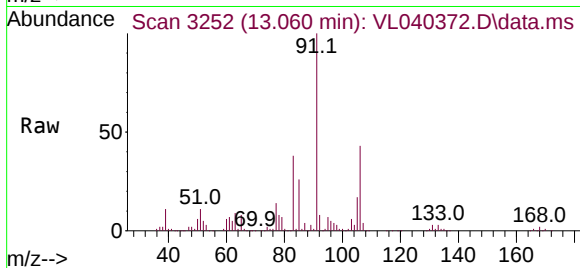
Tgt Ion:105 Resp: 3872157
Ion Ratio Lower Upper
105 100
120 25.3 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 7.866 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

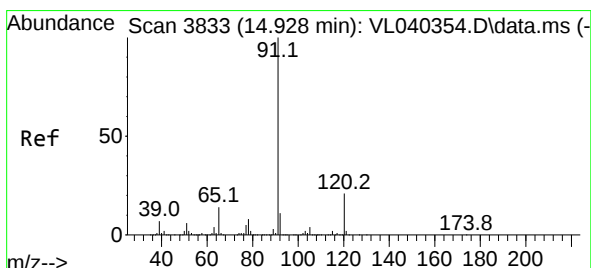
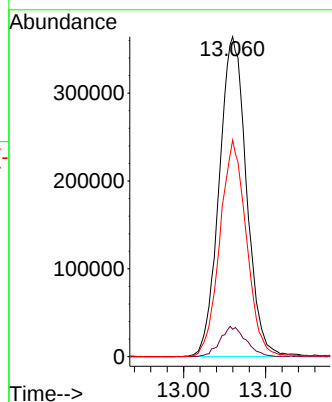
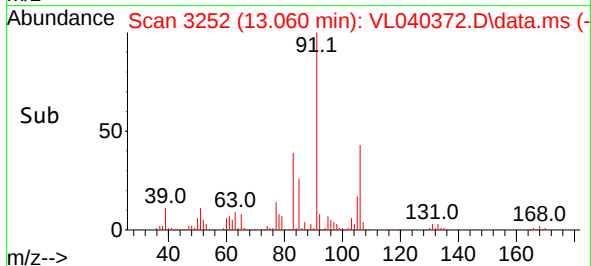
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



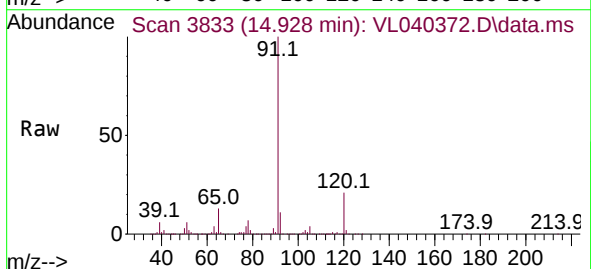
Tgt Ion: 83 Resp: 840310
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 66.3 32.9 98.6

Manual Integrations
APPROVED

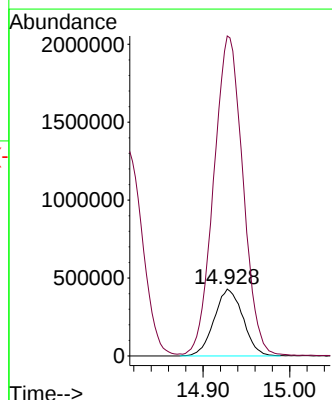
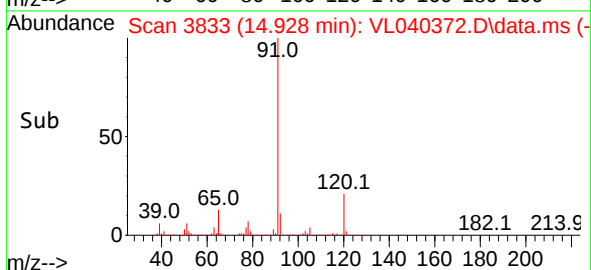
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

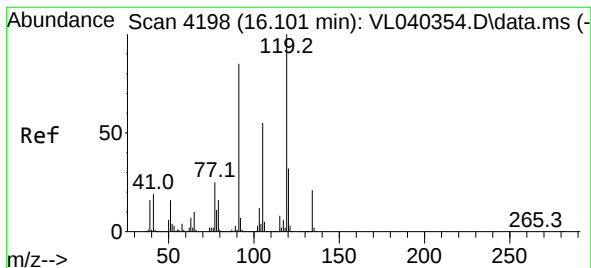


#64
n-propylbenzene
Concen: 9.553 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



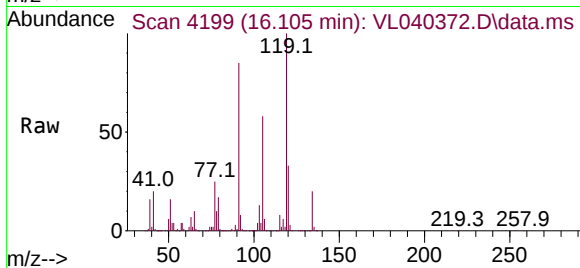
Tgt Ion:120 Resp: 988172
Ion Ratio Lower Upper
120 100
91 490.0 397.4 596.0





#65
tert-Butylbenzene
Concen: 9.210 ppbv
RT: 16.105 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

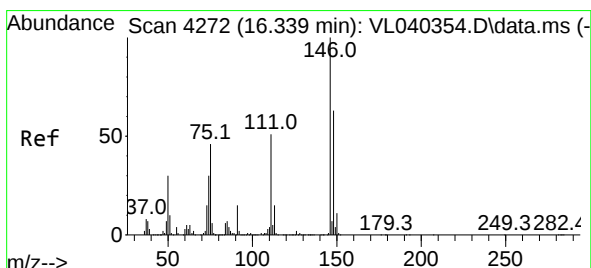
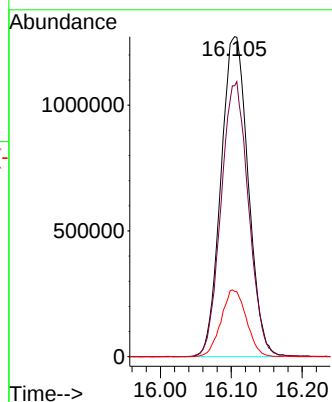
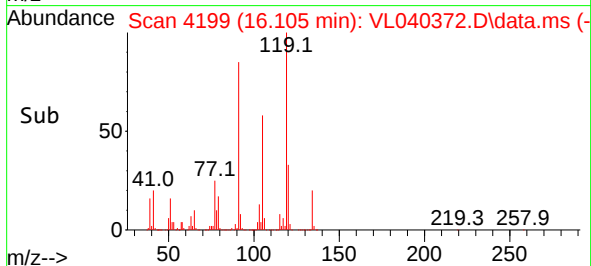
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



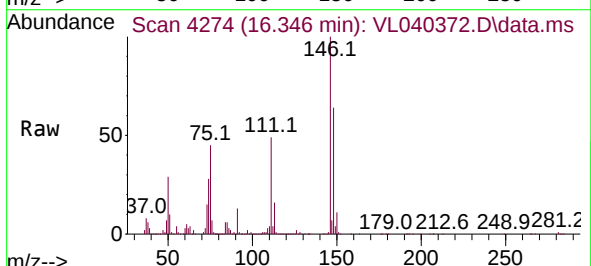
Tgt Ion: 119 Resp: 3406194
Ion Ratio Lower Upper
119 100
91 86.4 70.1 105.1
134 19.4 15.6 23.4

Manual Integrations
APPROVED

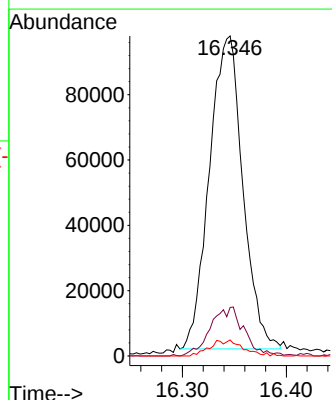
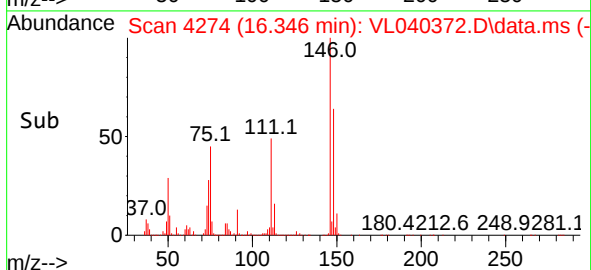
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

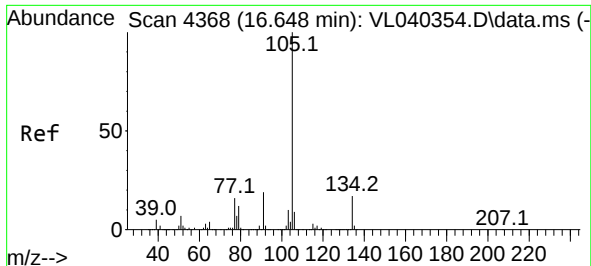


#66
Benzyl Chloride
Concen: 9.365 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.007 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



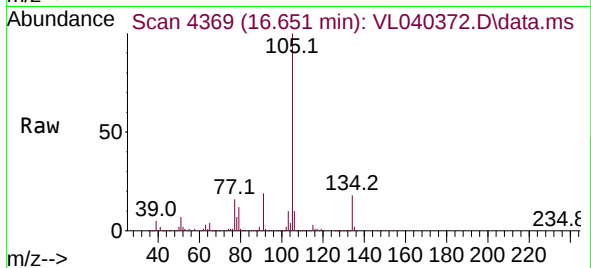
Tgt Ion: 91 Resp: 214444
Ion Ratio Lower Upper
91 100
126 15.9 12.3 18.5
128 5.0 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.229 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31

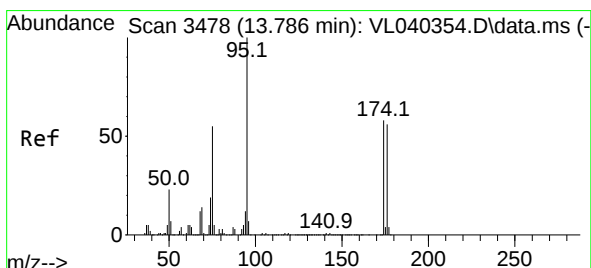
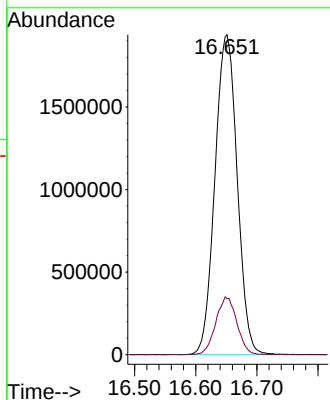
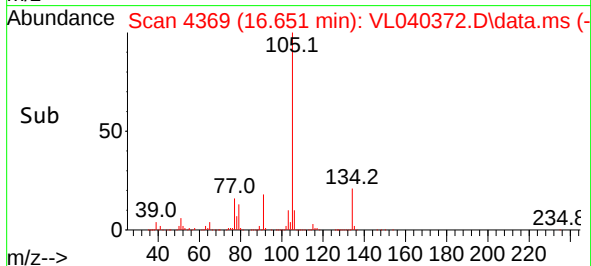
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



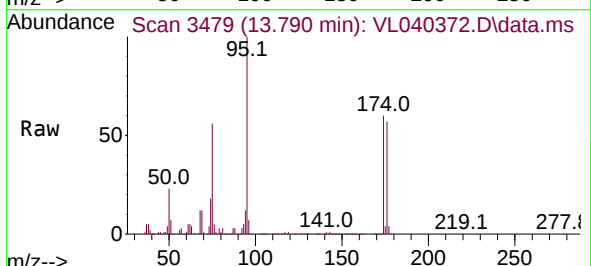
Tgt Ion: 105 Resp: 490269
 Ion Ratio Lower Upper
 105 100
 134 17.1 13.8 20.6

Manual Integrations
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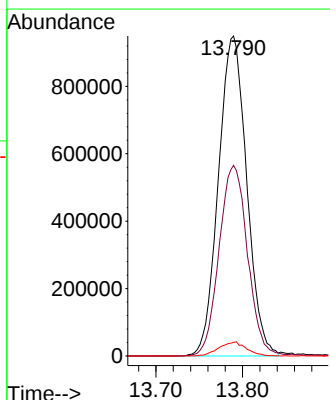
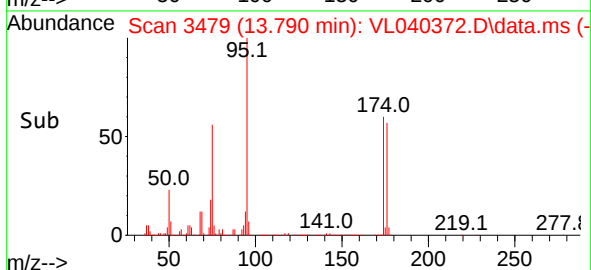
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

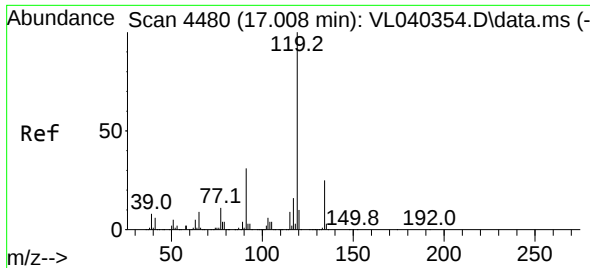


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.685 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040372.D
 Acq: 14 Apr 2023 00:31



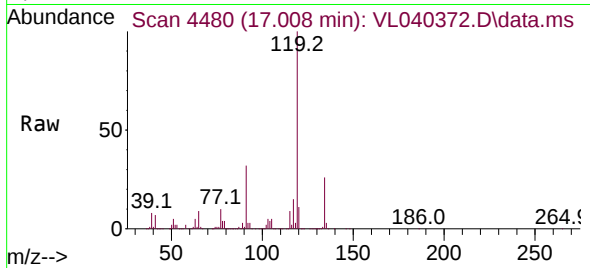
Tgt Ion: 95 Resp: 2153311
 Ion Ratio Lower Upper
 95 100
 174 60.3 47.2 70.8
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.611 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

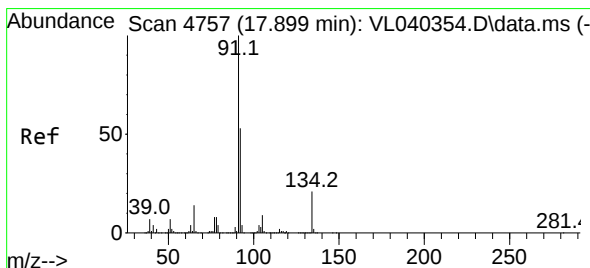
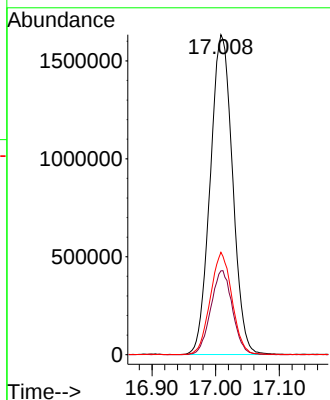
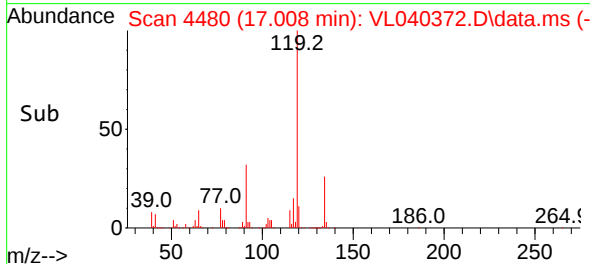
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



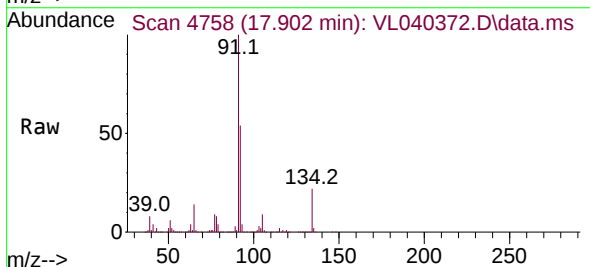
Tgt Ion:119 Resp: 398658
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.4
91 31.1 25.7 38.5

Manual Integrations
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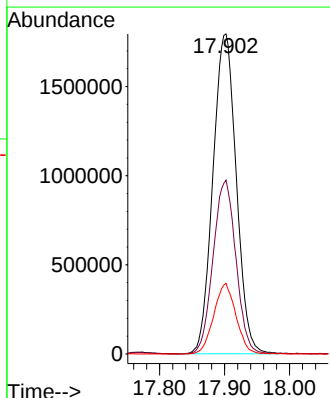
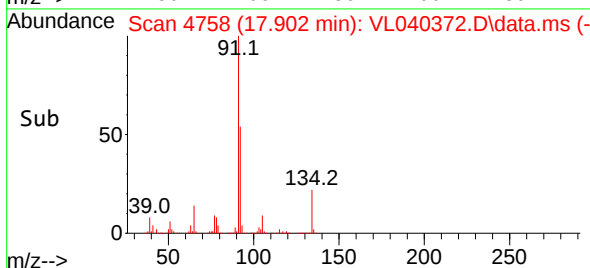
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

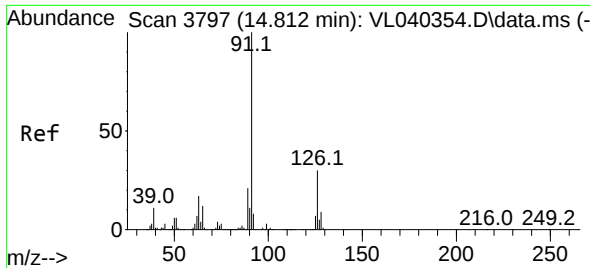


#70
n-Butylbenzene
Concen: 9.741 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



Tgt Ion: 91 Resp: 4479163
Ion Ratio Lower Upper
91 100
92 53.1 43.0 64.4
134 21.0 16.6 25.0





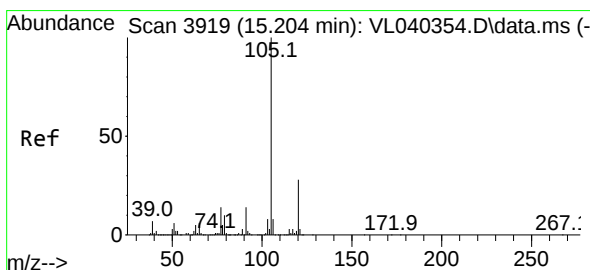
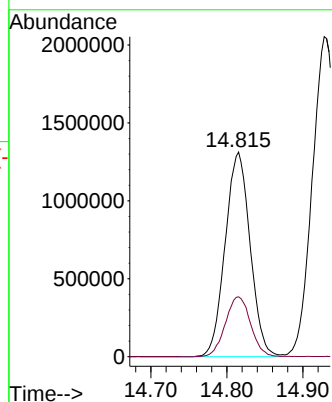
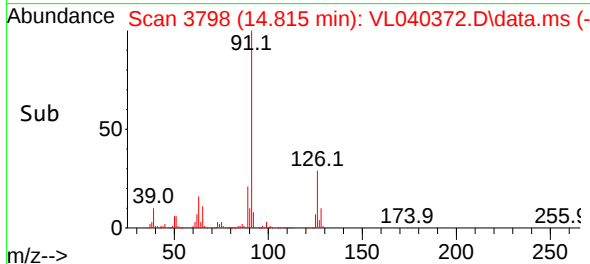
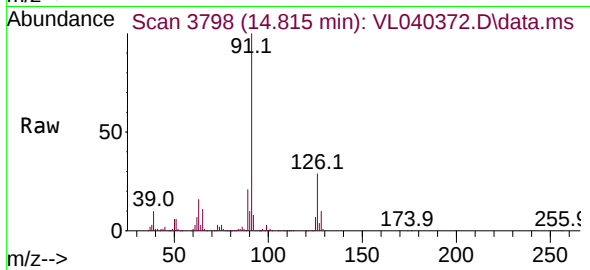
#71
2-Chlorotoluene
Concen: 9.267 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 299068
Ion Ratio Lower Upper
91 100
126 29.7 11.8 47.4

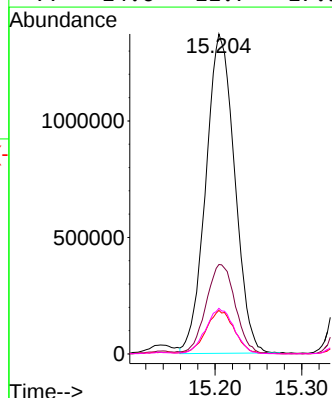
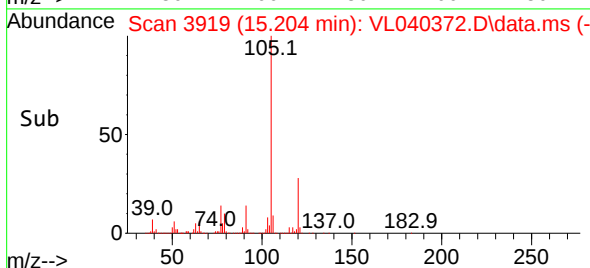
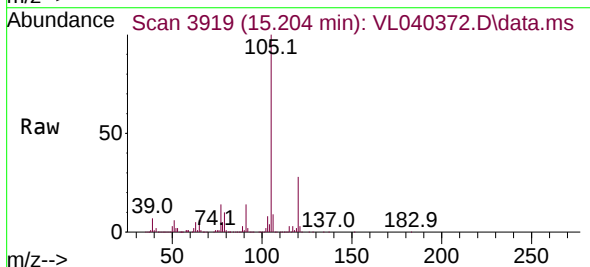
Manual Integrations
APPROVED

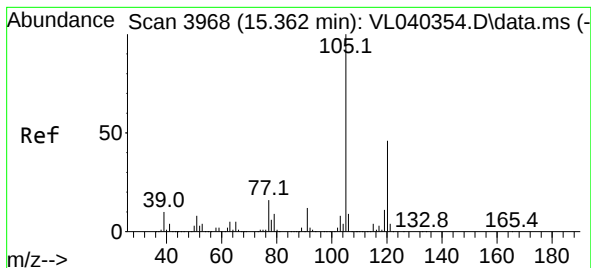
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#72
4-Ethyltoluene
Concen: 9.832 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Tgt Ion:105 Resp: 3168257
Ion Ratio Lower Upper
105 100
120 28.6 23.0 34.6
91 13.4 11.3 16.9
77 14.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.547 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040372.D

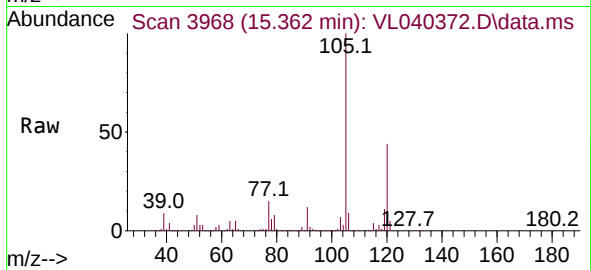
Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 2841850

Ion Ratio Lower Upper

105 100

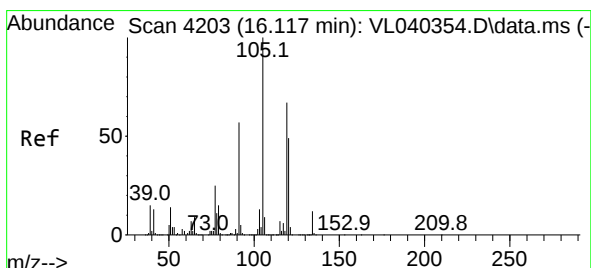
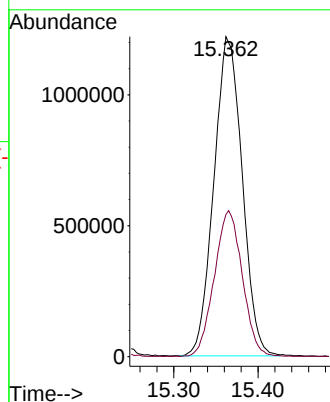
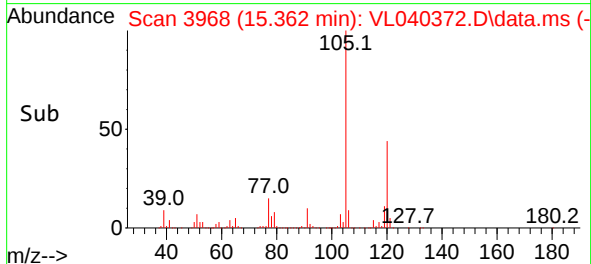
120 44.5 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.179 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.007 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

Tgt Ion:105 Resp: 3122999

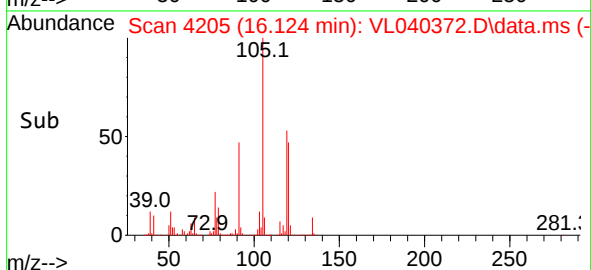
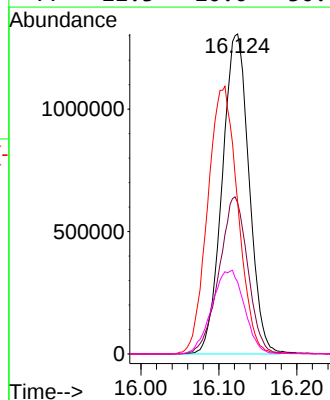
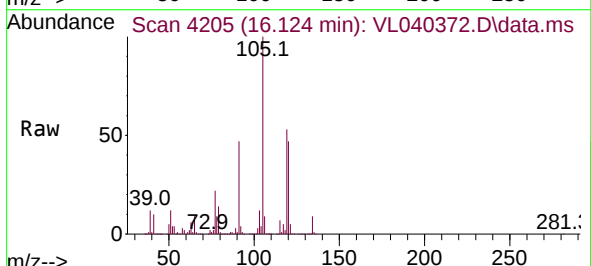
Ion Ratio Lower Upper

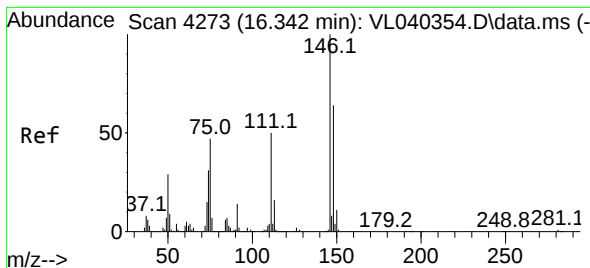
105 100

120 47.2 38.9 58.3

91 47.1 46.0 69.0

77 22.3 20.0 30.0





#75

1,3-Dichlorobenzene

Concen: 9.260 ppbv

RT: 16.349 min Scan# 4319

Delta R.T. 0.007 min

Lab File: VL040372.D

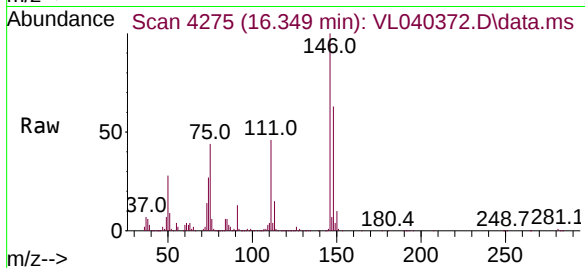
Acq: 14 Apr 2023 00:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 172564

Ion Ratio Lower Upper

146 100

111 48.5 24.6 74.0

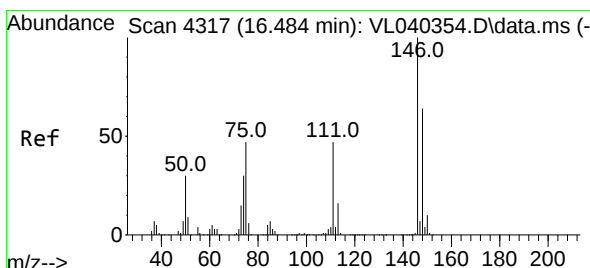
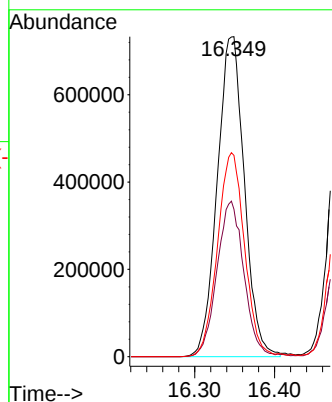
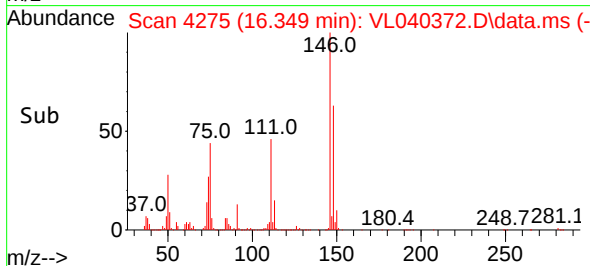
148 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#76

1,4-Dichlorobenzene

Concen: 9.174 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.007 min

Lab File: VL040372.D

Acq: 14 Apr 2023 00:31

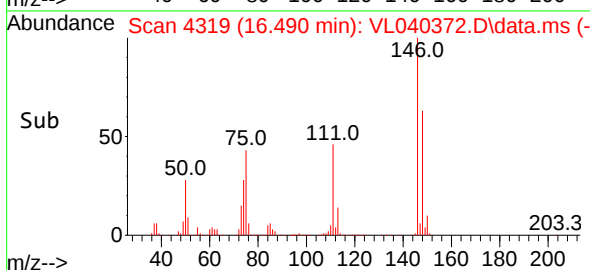
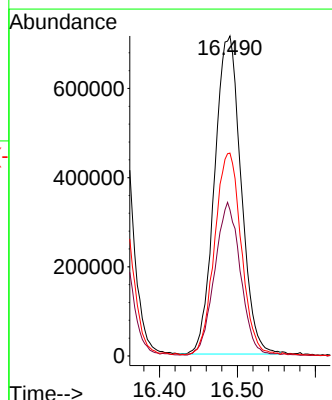
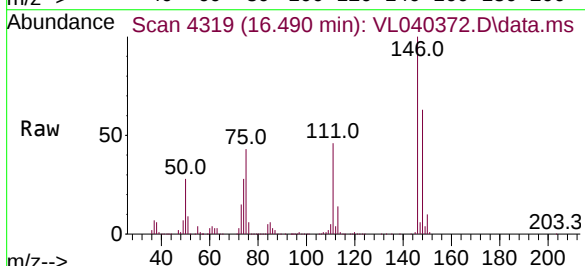
Tgt Ion:146 Resp: 1689021

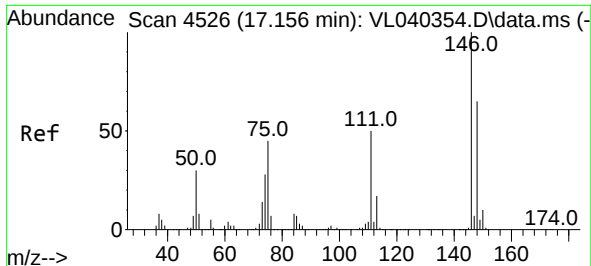
Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.4

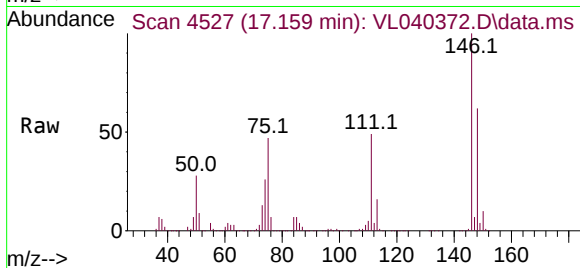
148 65.0 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.230 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

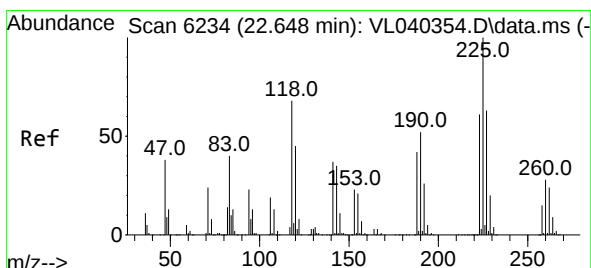
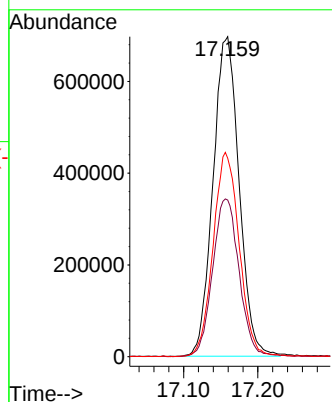
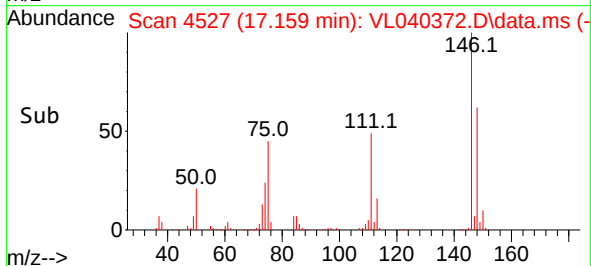
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



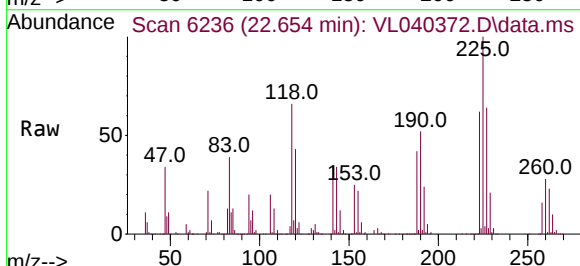
Tgt Ion:146 Resp: 1700840
Ion Ratio Lower Upper
146 100
111 50.1 25.4 76.0
148 64.2 32.0 96.2

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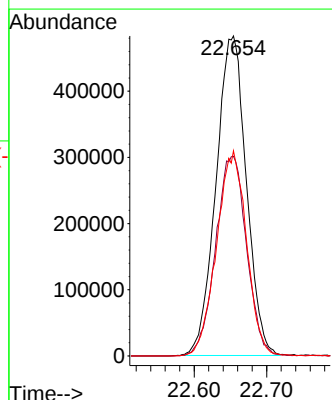
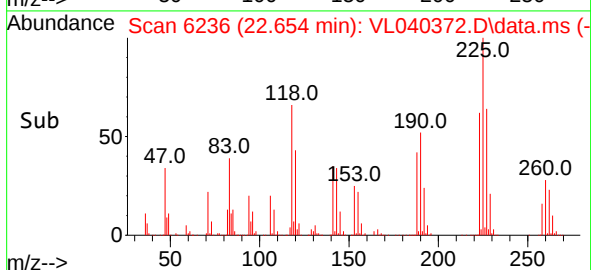
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

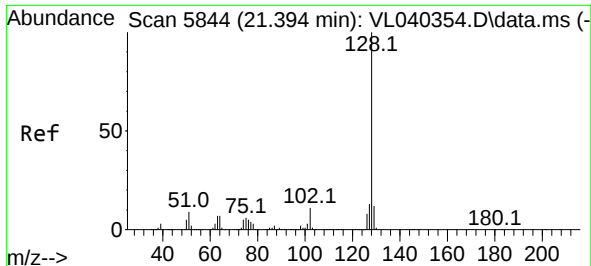


#78
Hexachloro-1,3-Butadiene
Concen: 9.499 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.007 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31



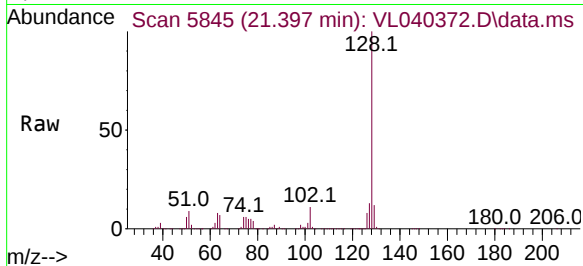
Tgt Ion:225 Resp: 1403318
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 63.6 51.0 76.4





#79
Naphthalene
Concen: 13.676 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

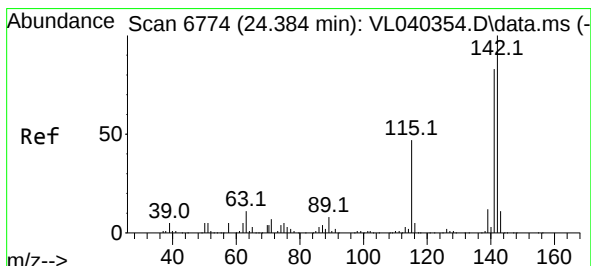
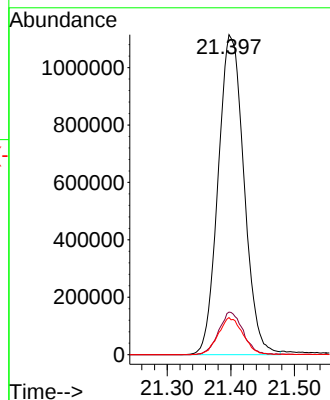
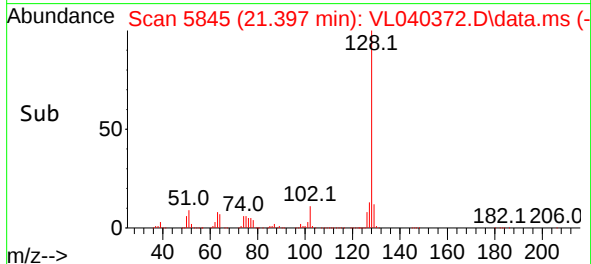
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 3140914
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.6 9.4 14.0

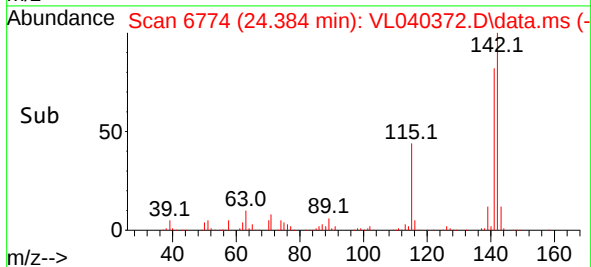
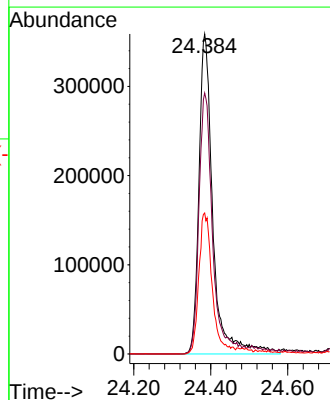
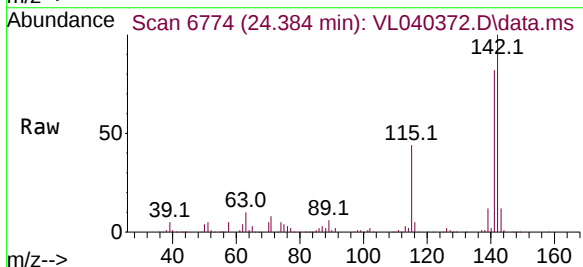
Manual Integrations
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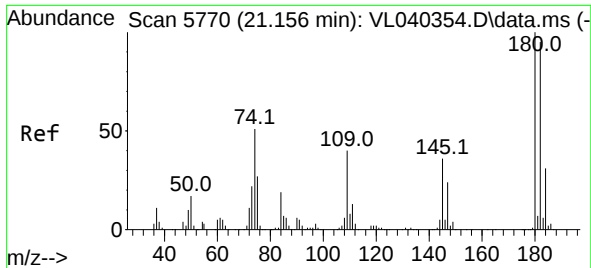
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#80
Naphthalene,2-methyl-
Concen: 13.195 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

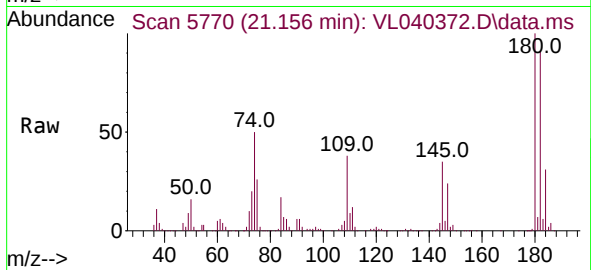
Tgt Ion:142 Resp: 902054
Ion Ratio Lower Upper
142 100
141 82.8 65.1 97.7
115 42.4 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 11.293 ppbv
RT: 21.156 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040372.D
Acq: 14 Apr 2023 00:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 159372
Ion Ratio Lower Upper
180 100
182 95.3 77.7 116.5
184 30.6 24.2 36.2

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

