

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040692.D
 Acq On : 18 Sep 2023 9:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:13:02 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

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

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1220540	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3179461	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2901222	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2322120 10.360 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	2516587	9.358	ppbv	97
3) Chlorodifluoromethane	2.677	51	1756015	8.831	ppbv	99
4) Chloromethane	2.816	50	675455	8.873	ppbv	99
5) Vinyl Chloride	2.925	62	772237	8.584	ppbv	97
6) Bromomethane	3.124	94	405060	9.332	ppbv	97
7) Chloroethane	3.198	64	289204	9.359	ppbv	93
8) Dichlorotetrafluoroethane	2.861	85	1992054	8.973	ppbv	100
9) Propene	2.697	41	487082	8.503	ppbv	96
10) Heptane	7.587	43	1297941	10.056	ppbv	98
11) Trichlorofluoromethane	3.568	101	2170744	9.182	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1581301	9.351	ppbv	99
13) Ethanol	3.243	45	130883	7.720	ppbv	96
14) Bromoethene	3.369	108	625164	8.814	ppbv	95
15) Acetone	3.472	43	1370081	8.510	ppbv	99
16) 1,3-Butadiene	2.989	39	682679	9.730	ppbv	96
17) tert-Butyl alcohol	3.883	59	1423644	8.633	ppbv	99
18) 1,1-Dichloroethene	3.883	96	714831	9.510	ppbv	90
19) Isopropyl Alcohol	3.578	45	840671	8.666	ppbv #	98
20) Methylene Chloride	3.938	84	636539	7.346	ppbv	99
21) Allyl Chloride	4.002	41	962094	9.751	ppbv	98
22) trans-1,2-Dichloroethene	4.452	96	750308	10.095	ppbv	99
23) Vinyl Acetate	4.632	43	1570934	9.435	ppbv	98
24) 1,1-Dichloroethane	4.568	63	1526976	9.800	ppbv	99
25) Ethyl Acetate	5.211	43	2405478	9.264	ppbv	100
26) Hexane	5.221	57	1061327	8.644	ppbv	99
27) Carbon Disulfide	4.131	76	1836024	10.723	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	1111128	10.519	ppbv	96
29) Chloroform	5.282	83	1949841	9.198	ppbv	99
30) Cyclohexane	6.610	84	897790	9.710	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	1110383	9.748	ppbv	96
32) 1,1,1-Trichloroethane	6.012	97	2040192	9.414	ppbv	99
34) 2-Butanone	4.790	43	1409943	8.818	ppbv	98
35) Carbon Tetrachloride	6.504	117	2138411	9.795	ppbv	95
36) Benzene	6.381	78	2246736	9.543	ppbv	97
37) 1,2-Dichloroethane	5.815	62	1497137	9.291	ppbv	99
38) Trichloroethene	7.301	130	943184	10.505	ppbv	98
39) 1,2-Dichloropropane	7.082	63	856244	9.448	ppbv	99
40) 1,4-Dioxane	7.295	88	367441	10.725	ppbv #	99
41) Tetrahydrofuran	5.561	42	791152	9.649	ppbv	100
42) Bromodichloromethane	7.259	83	2153178	9.793	ppbv	97
43) Methyl Methacrylate	7.481	69	935311	10.688	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3737430	9.970	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	837818	12.346	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

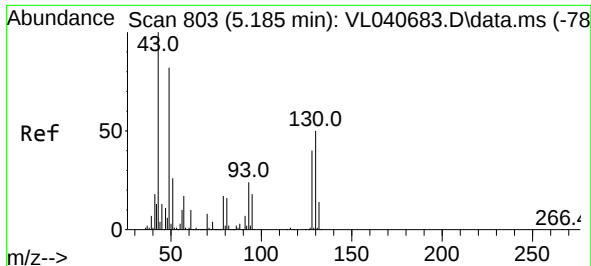
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

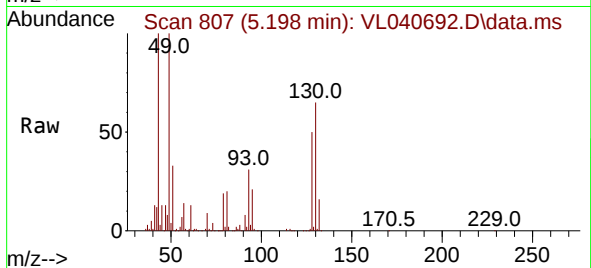
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	953015	11.478	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	992722	9.545	ppbv	98
48) Dibromochloromethane	9.722	129	1802040	10.503	ppbv	99
49) Bromoform	12.420	173	1498634	10.636	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2224144	10.294	ppbv	99
51) 2-Hexanone	9.555	43	1613068	10.816	ppbv #	99
52) Tetrachloroethene	10.626	164	821214	10.693	ppbv	91
53) Toluene	9.230	91	2666358	10.727	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1423839	10.726	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.519	131	1351312	9.771	ppbv	99
57) Chlorobenzene	11.536	112	2131799	9.703	ppbv	97
58) Ethyl Benzene	12.101	91	3649788	11.034	ppbv	97
59) m/p-Xylene	12.381	91	6478391m	20.858	ppbv	
60) o-Xylene	13.069	91	3152564	10.643	ppbv	99
61) Styrene	12.905	104	1499265	12.077	ppbv	99
62) Isopropylbenzene	14.037	105	4520850	10.109	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.056	83	2246731	9.678	ppbv	99
64) n-propylbenzene	14.924	120	1156484	10.342	ppbv	99
65) tert-Butylbenzene	16.098	119	4035591	10.054	ppbv	99
66) Benzyl Chloride	16.336	91	533717	11.393	ppbv	99
67) sec-Butylbenzene	16.645	105	5687552	9.898	ppbv	100
69) p-Isopropyltoluene	17.002	119	4538770	10.050	ppbv	99
70) n-Butylbenzene	17.895	91	4976289	10.011	ppbv	99
71) 2-Chlorotoluene	14.809	91	3473399	10.497	ppbv	99
72) 4-Ethyltoluene	15.201	105	3584002	10.790	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	3103061	10.375	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	3564598	9.776	ppbv	94
75) 1,3-Dichlorobenzene	16.339	146	1992039	9.589	ppbv	98
76) 1,4-Dichlorobenzene	16.481	146	1932022	9.452	ppbv	99
77) 1,2-Dichlorobenzene	17.153	146	1907183	9.217	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1353110m	8.643	ppbv	
79) Naphthalene	21.394	128	2679554	11.810	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	657865	11.838	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	1439237	9.711	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

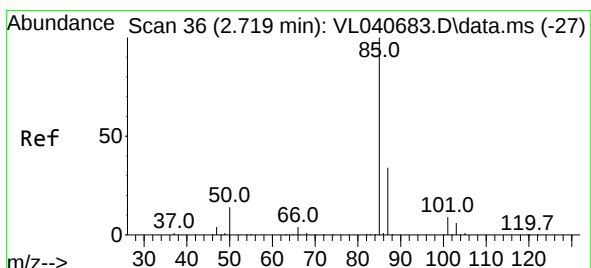
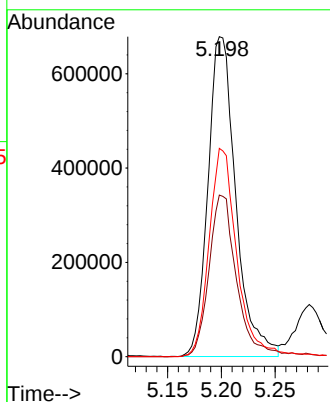
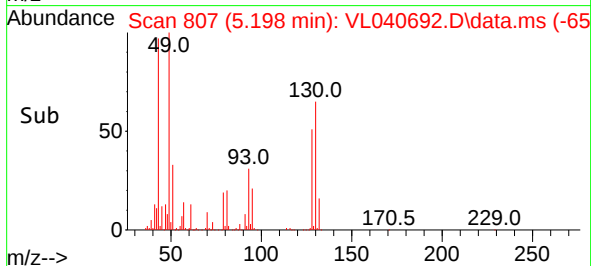
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



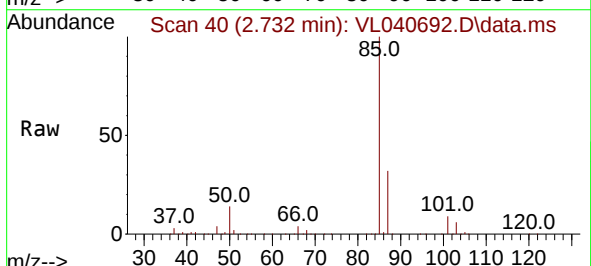
Tgt Ion: 49 Resp: 1220540
Ion Ratio Lower Upper
49 100
128 51.1 25.4 76.0
130 65.6 32.3 96.8

Manual Integrations
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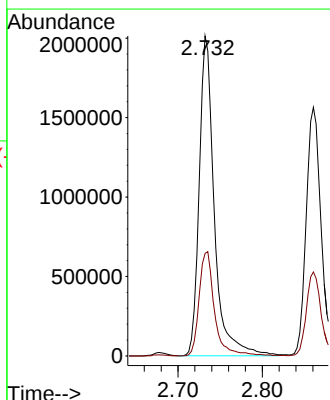
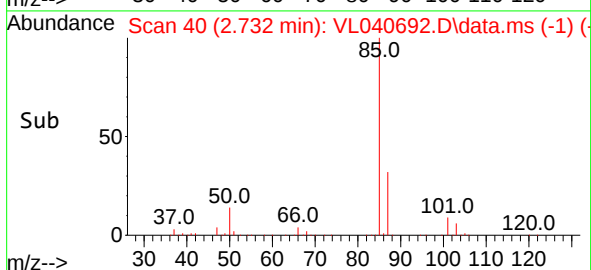
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

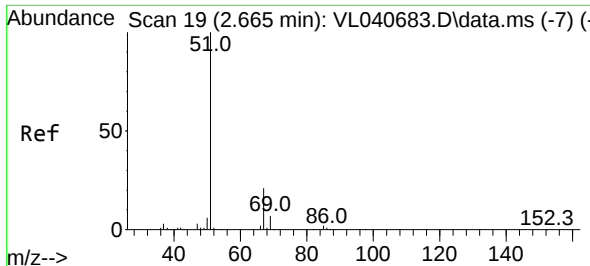


#2
Dichlorodifluoromethane
Concen: 9.358 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



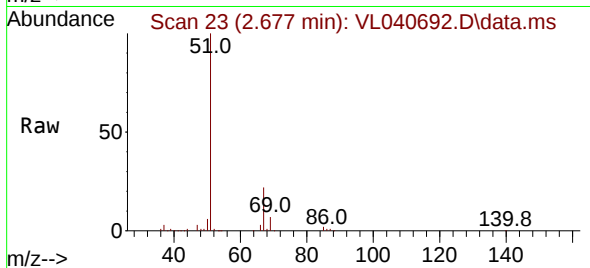
Tgt Ion: 85 Resp: 2516587
Ion Ratio Lower Upper
85 100
87 32.0 27.2 40.8





#3
Chlorodifluoromethane
Concen: 8.831 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

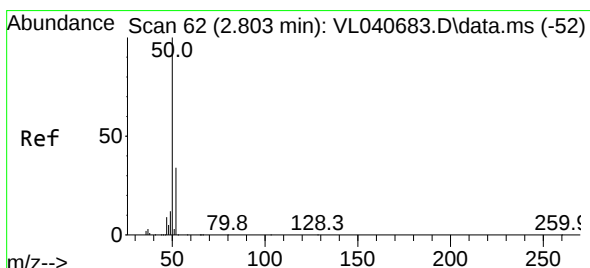
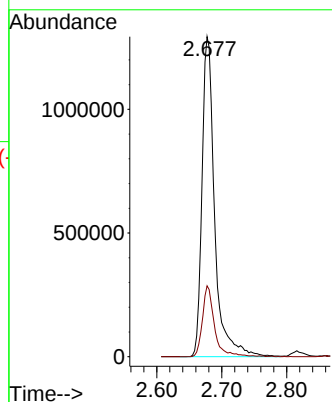
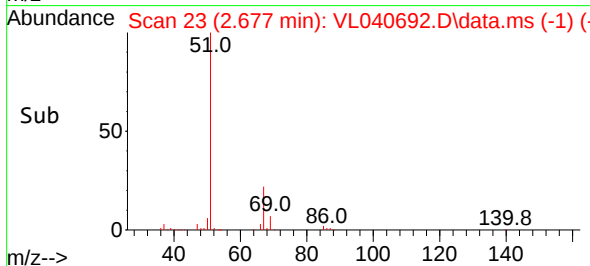
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



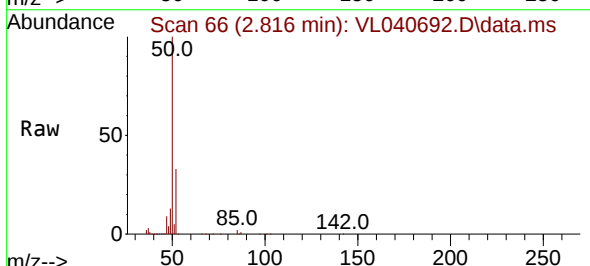
Tgt Ion: 51 Resp: 175601
Ion Ratio Lower Upper
51 100
67 21.2 16.7 25.1

Manual Integrations
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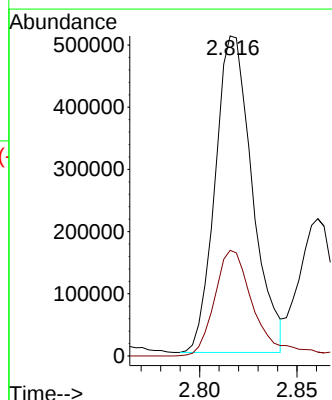
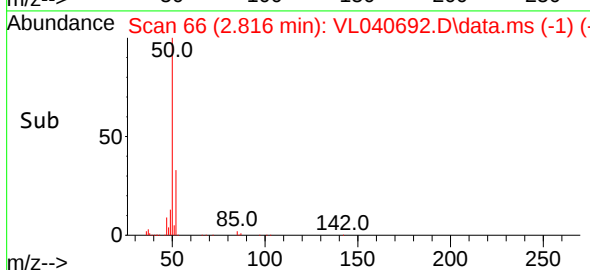
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

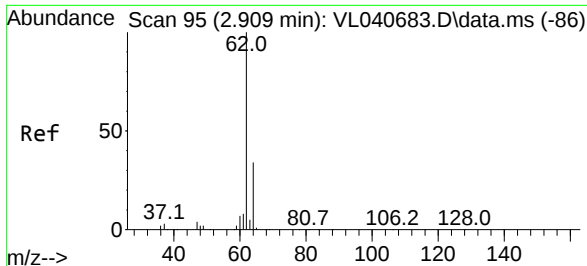


#4
Chloromethane
Concen: 8.873 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



Tgt Ion: 50 Resp: 675455
Ion Ratio Lower Upper
50 100
52 33.2 27.1 40.7





#5
 Vinyl Chloride
 Concen: 8.584 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

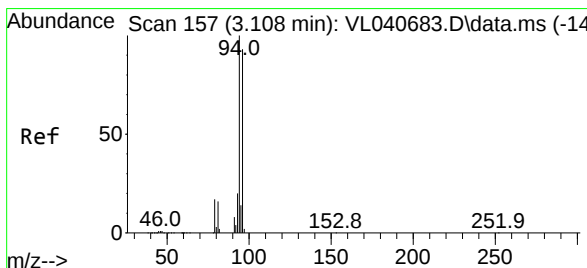
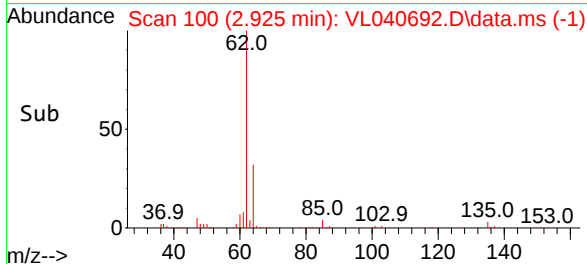
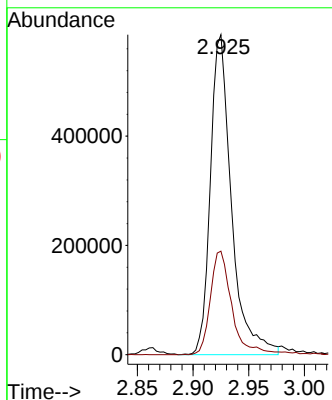
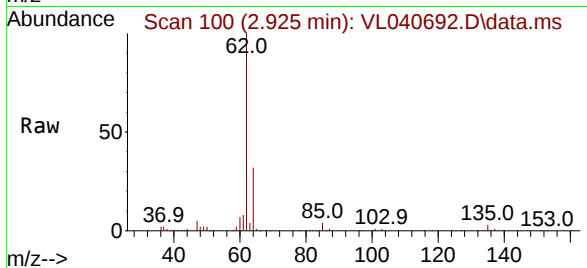
ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 77223
 Ion Ratio Lower Upper
 62 100
 64 32.3 27.2 40.8

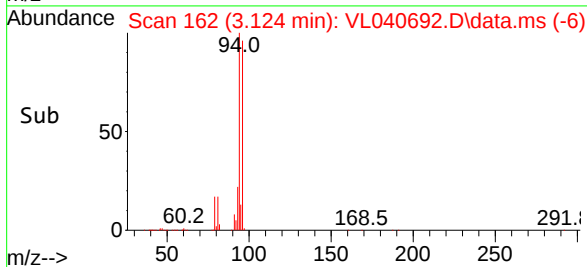
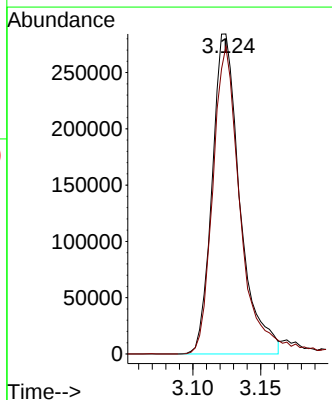
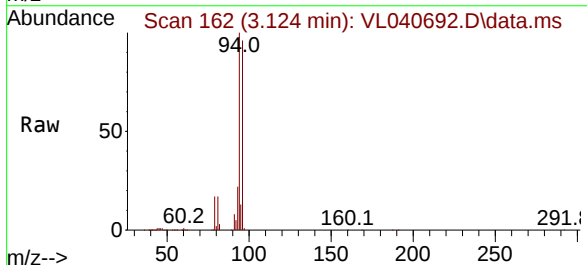
Manual Integrations
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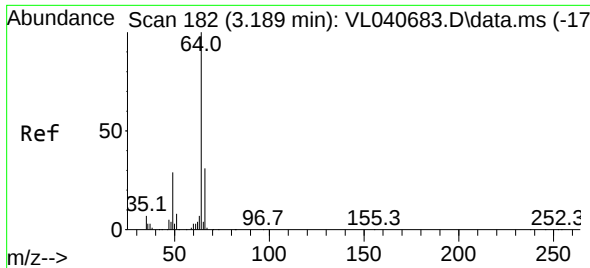
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#6
 Bromomethane
 Concen: 9.332 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

Tgt Ion: 94 Resp: 405060
 Ion Ratio Lower Upper
 94 100
 96 96.1 74.4 111.6





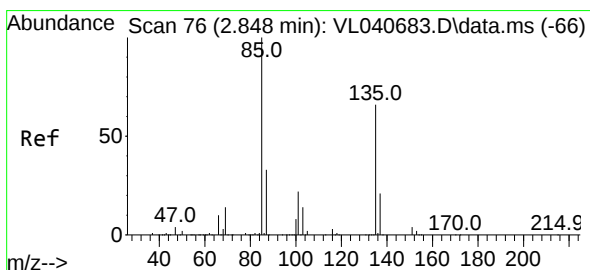
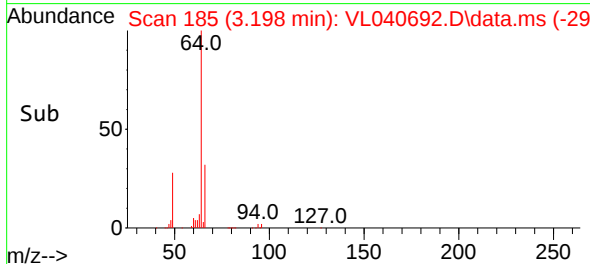
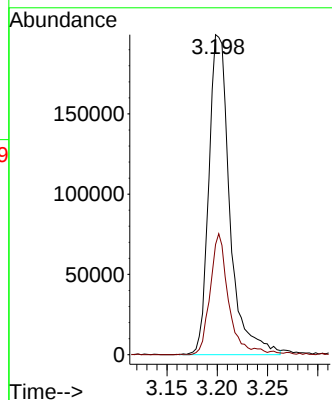
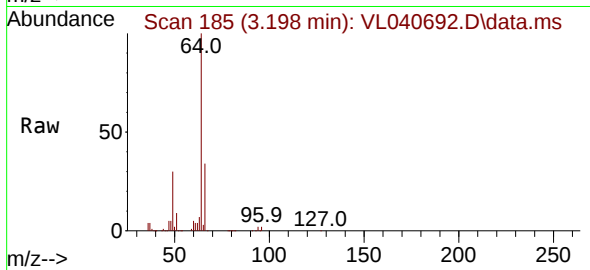
#7
Chloroethane
Concen: 9.359 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 289204
Ion Ratio Lower Upper
64 100
66 34.4 24.5 36.7

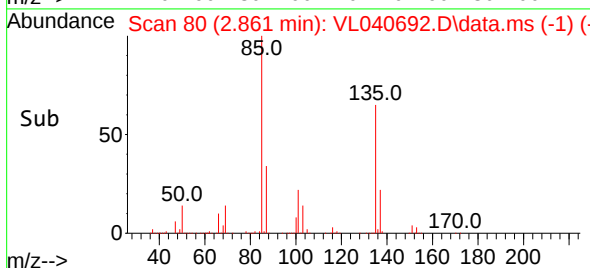
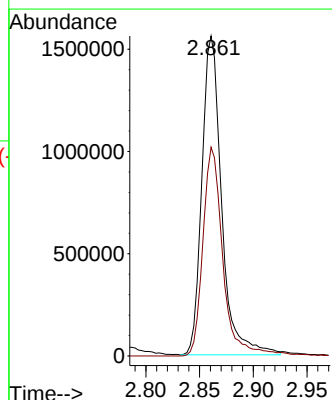
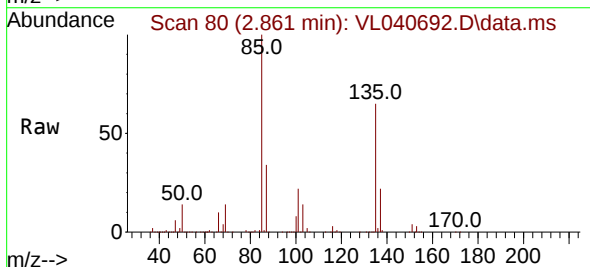
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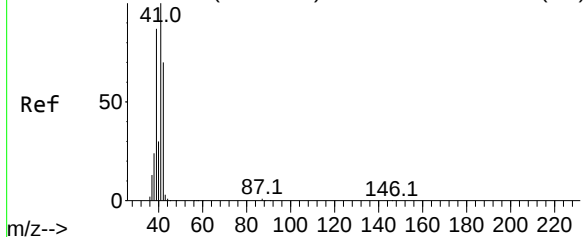


#8
Dichlorotetrafluoroethane
Concen: 8.973 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion: 85 Resp: 1992054
Ion Ratio Lower Upper
85 100
135 67.1 53.4 80.2



Abundance Scan 25 (2.684 min): VL040683.D\data.ms (-16)



#9

Propene

Concen: 8.503 ppbv

RT: 2.697 min Scan# 24

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 487082

Ion Ratio Lower Upper

41 100

42 74.4 56.7 85.1

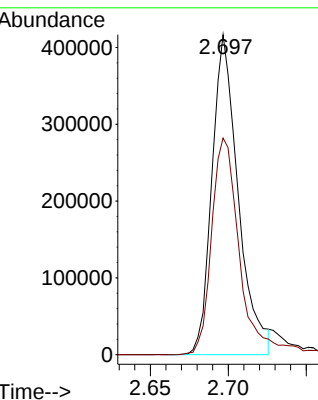
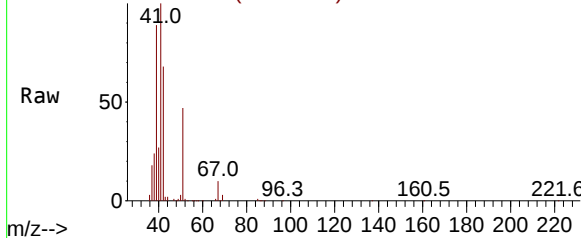
Manual Integrations

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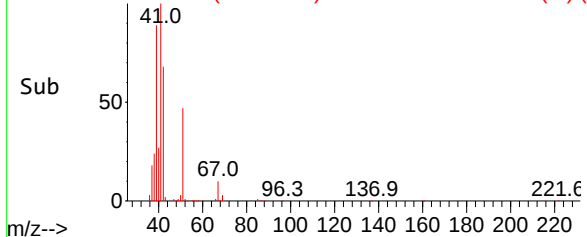
Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023

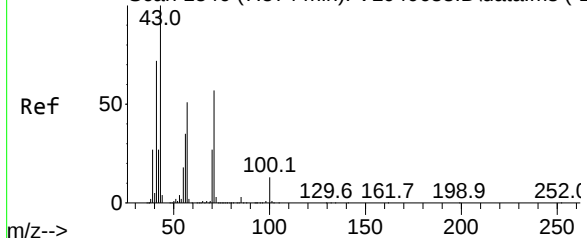
Abundance Scan 29 (2.697 min): VL040692.D\data.ms



Abundance Scan 29 (2.697 min): VL040692.D\data.ms (-1)



Abundance Scan 1546 (7.574 min): VL040683.D\data.ms (-1)



#10

Heptane

Concen: 10.056 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

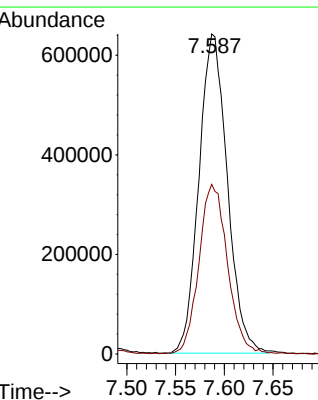
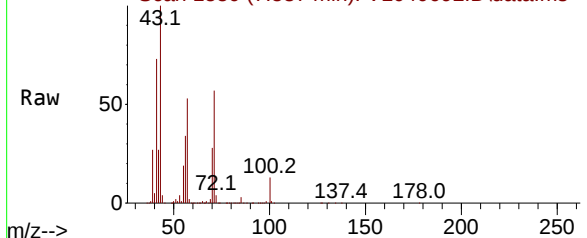
Tgt Ion: 43 Resp: 1297941

Ion Ratio Lower Upper

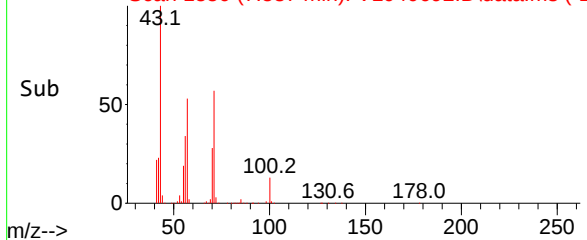
43 100

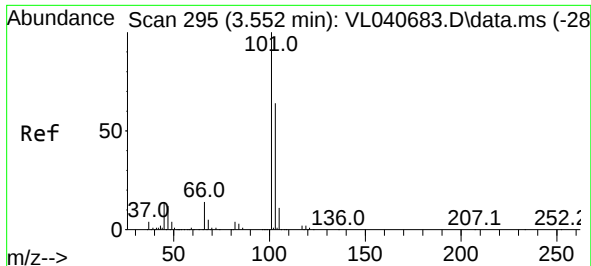
57 53.8 41.8 62.6

Abundance Scan 1550 (7.587 min): VL040692.D\data.ms



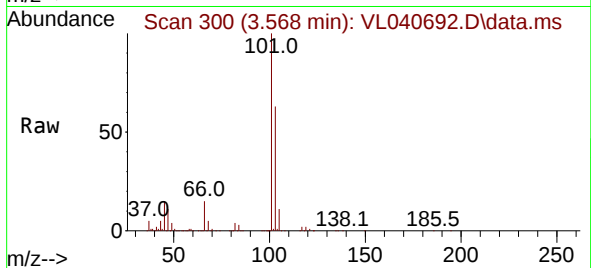
Abundance Scan 1550 (7.587 min): VL040692.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 9.182 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

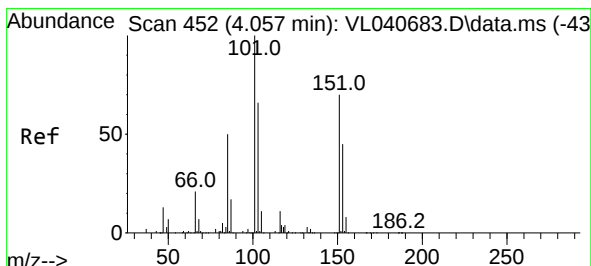
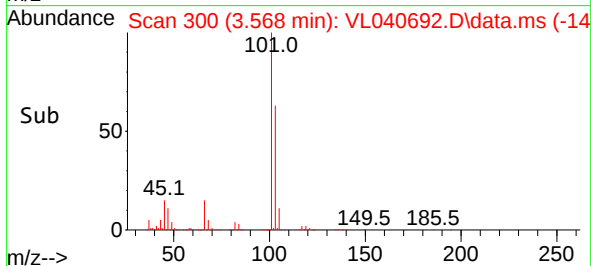
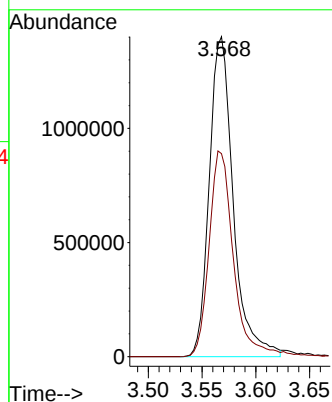
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 2170744
Ion Ratio Lower Upper
101 100
103 63.5 51.3 76.9

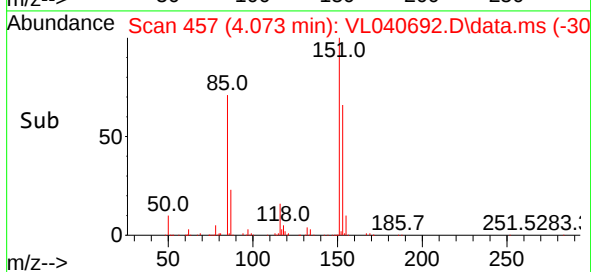
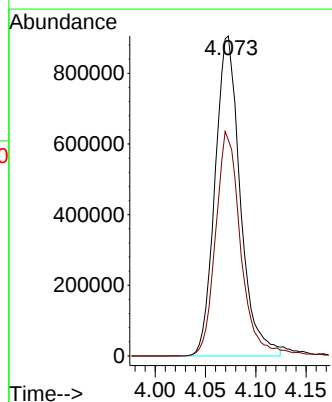
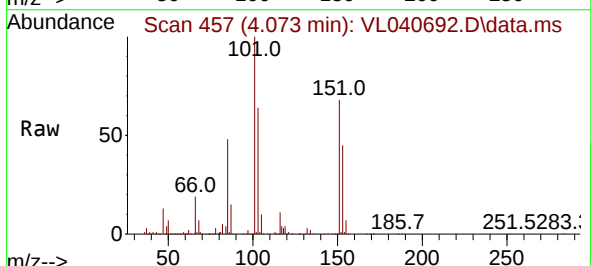
Manual Integrations
APPROVED

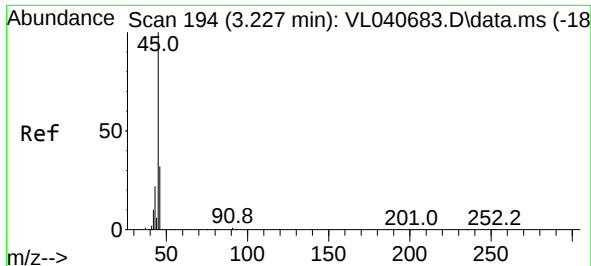
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.351 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

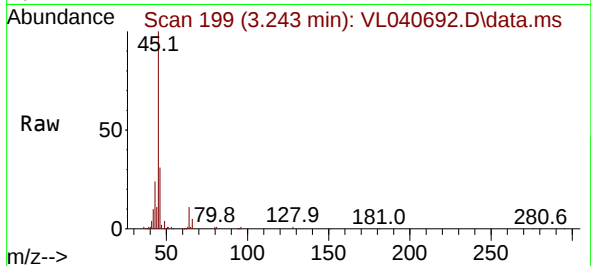
Tgt Ion:101 Resp: 1581301
Ion Ratio Lower Upper
101 100
151 70.6 56.8 85.2





#13
Ethanol
Concen: 7.720 ppbv
RT: 3.243 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

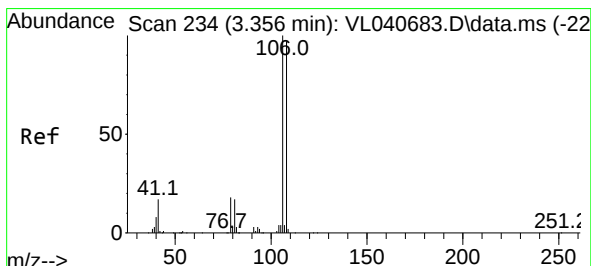
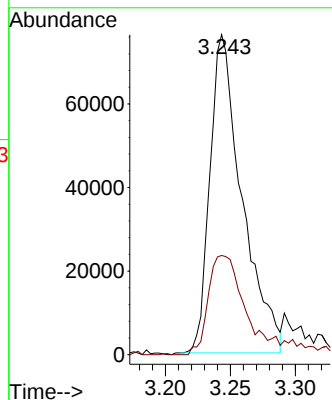
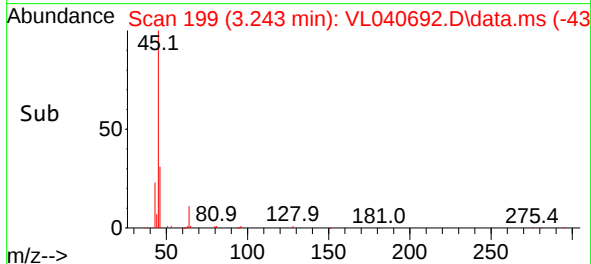
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



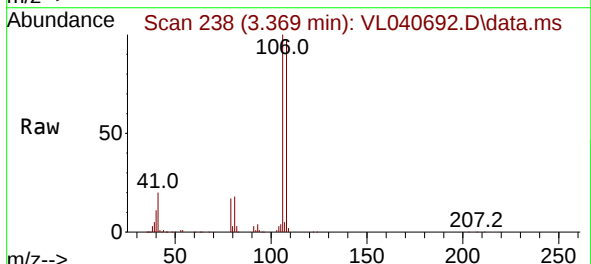
Tgt Ion: 45 Resp: 13088
Ion Ratio Lower Upper
45 100
46 40.3 15.2 61.0

Manual Integrations
APPROVED

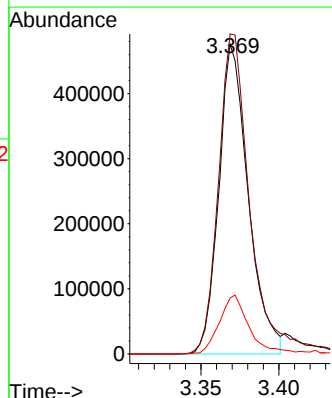
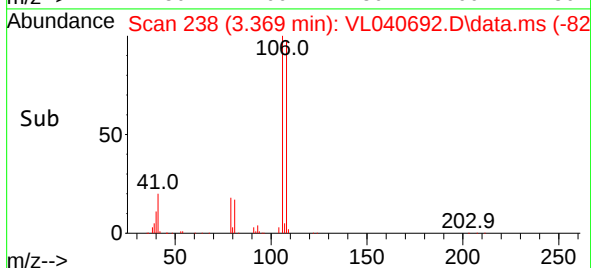
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

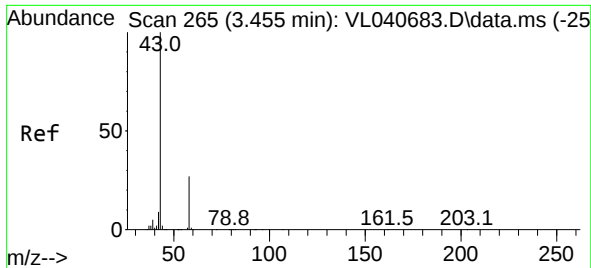


#14
Bromoethene
Concen: 8.814 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



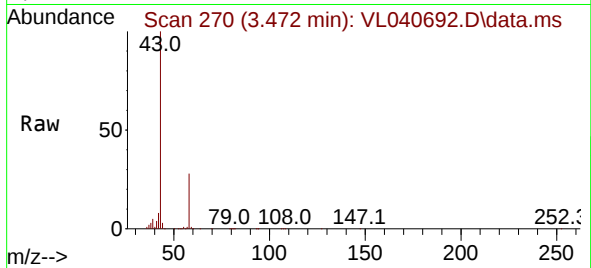
Tgt Ion:108 Resp: 625164
Ion Ratio Lower Upper
108 100
106 113.1 86.0 129.0
79 20.2 15.6 23.4





#15
Acetone
Concen: 8.510 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

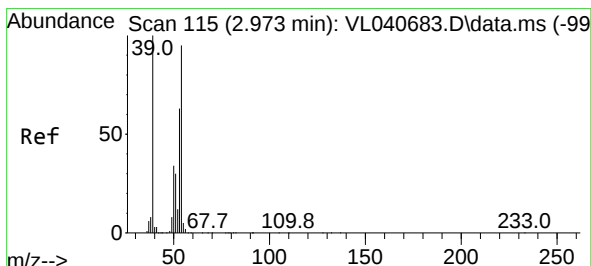
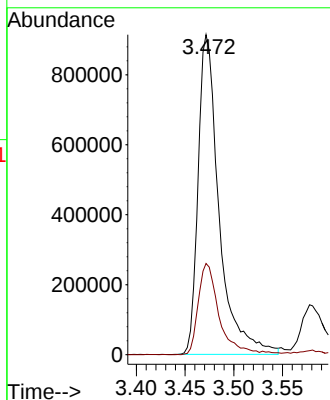
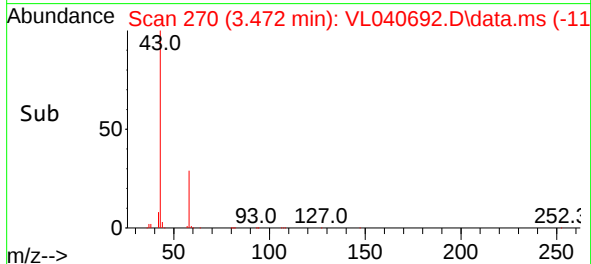
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



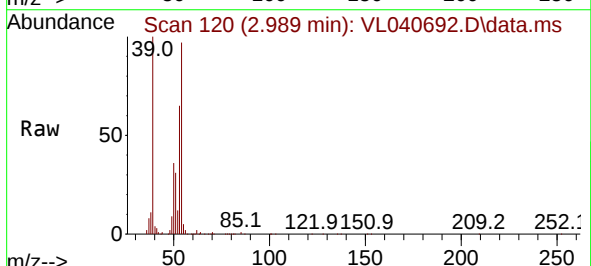
Tgt Ion: 43 Resp: 137008
Ion Ratio Lower Upper
43 100
58 28.8 22.6 34.0

Manual Integrations
APPROVED

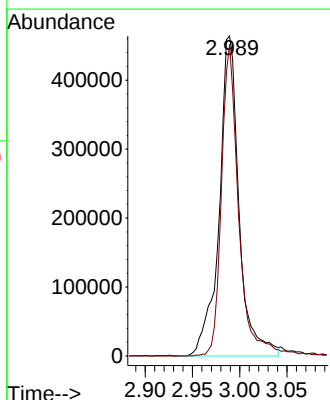
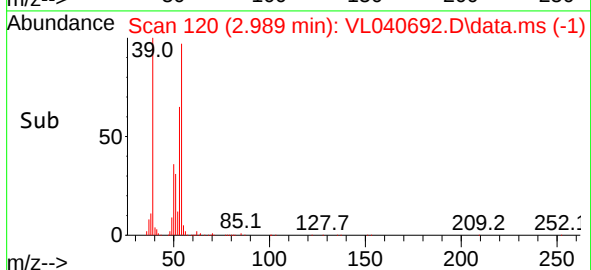
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

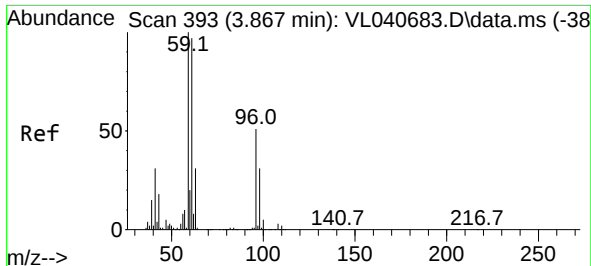


#16
1,3-Butadiene
Concen: 9.730 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



Tgt Ion: 39 Resp: 682679
Ion Ratio Lower Upper
39 100
54 84.7 64.8 97.2





#17

tert-Butyl alcohol

Concen: 8.633 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 142364

Ion Ratio Lower Upper

59 100

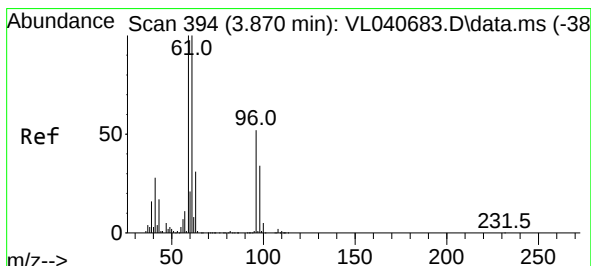
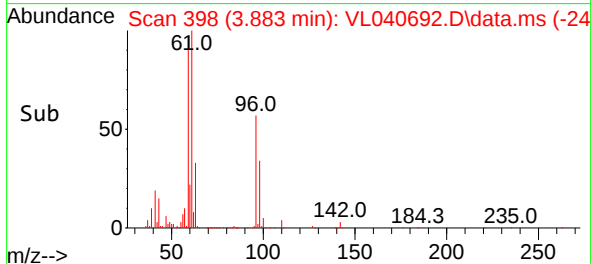
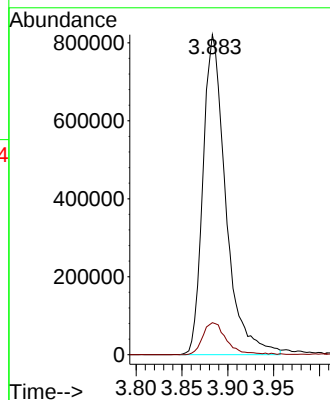
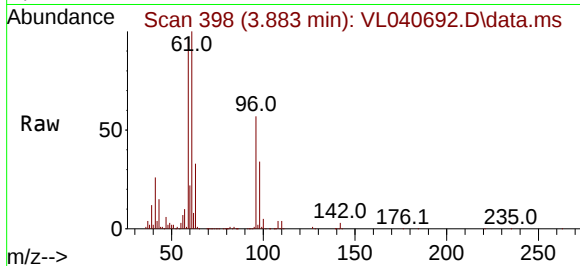
57 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#18

1,1-Dichloroethene

Concen: 9.510 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

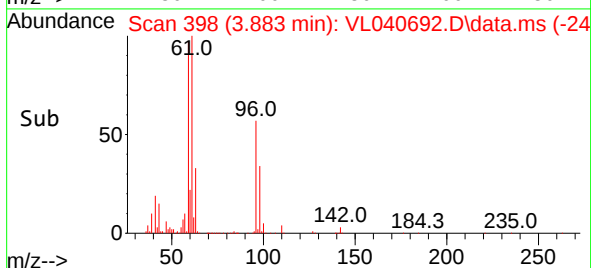
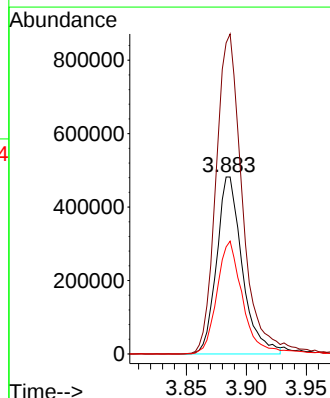
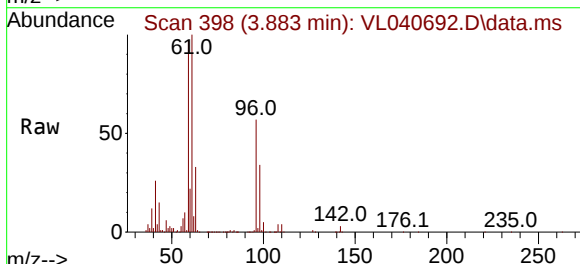
Tgt Ion: 96 Resp: 714831

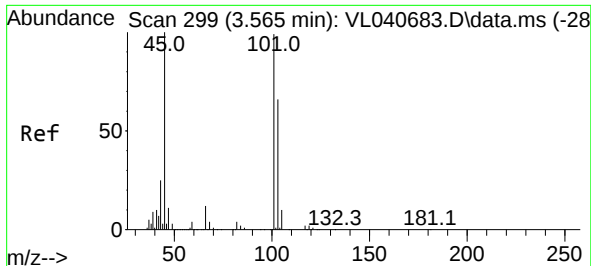
Ion Ratio Lower Upper

96 100

61 175.7 153.6 230.4

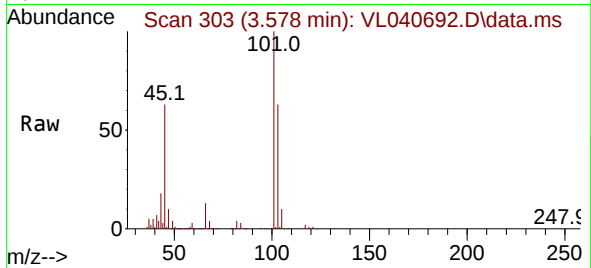
98 60.5 51.9 77.9





#19
Isopropyl Alcohol
Concen: 8.666 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

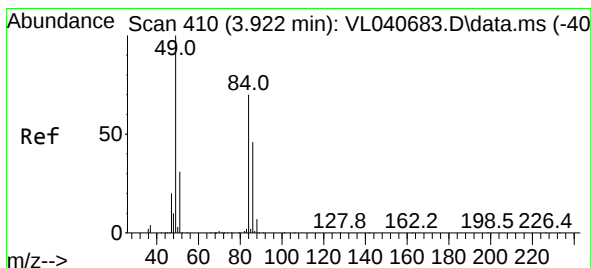
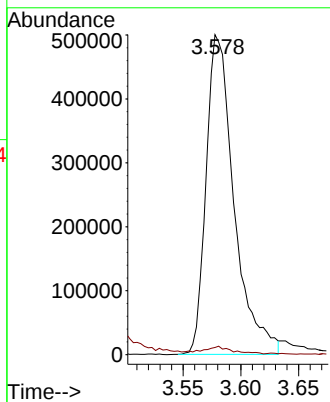
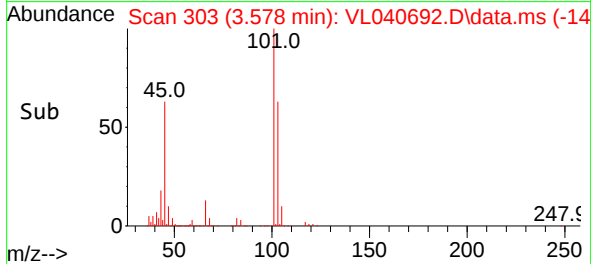
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



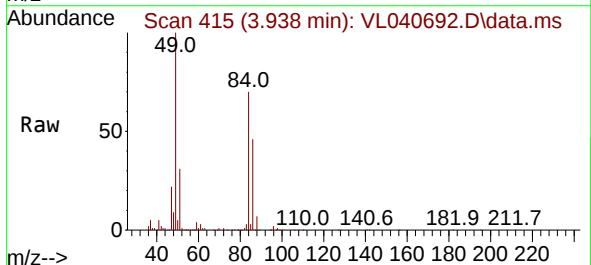
Tgt Ion: 45 Resp: 84067
Ion Ratio Lower Upper
45 100
58 3.2 1.9 2.9

Manual Integrations
APPROVED

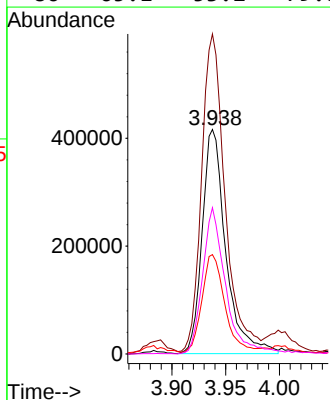
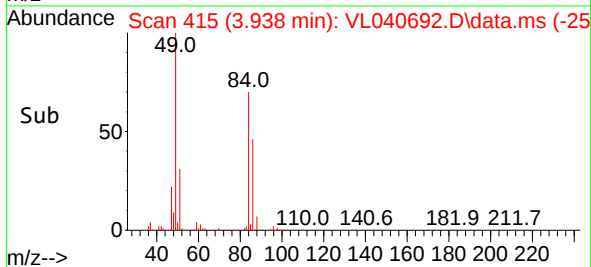
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

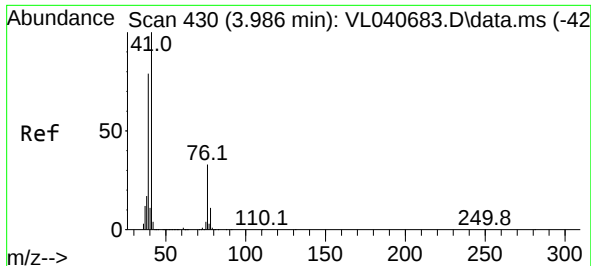


#20
Methylene Chloride
Concen: 7.346 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



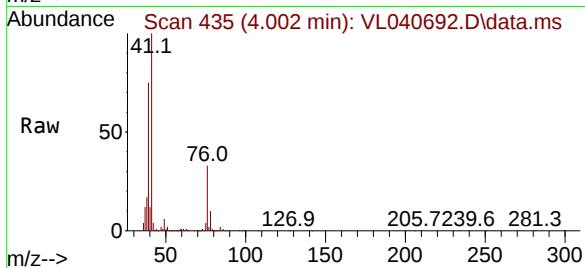
Tgt Ion: 84 Resp: 636539
Ion Ratio Lower Upper
84 100
49 141.6 114.4 171.6
51 43.2 35.5 53.3
86 65.1 53.2 79.8





#21
 Allyl Chloride
 Concen: 9.751 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

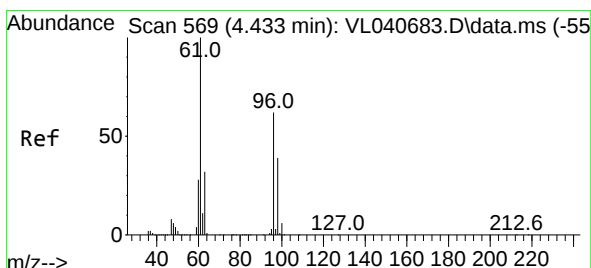
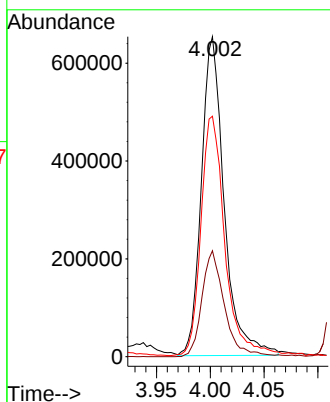
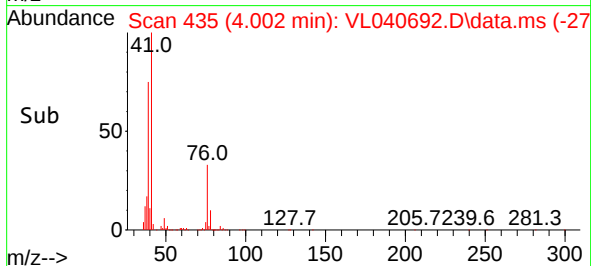
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 962094
 Ion Ratio Lower Upper
 41 100
 76 32.8 26.6 40.0
 39 78.9 65.0 97.4

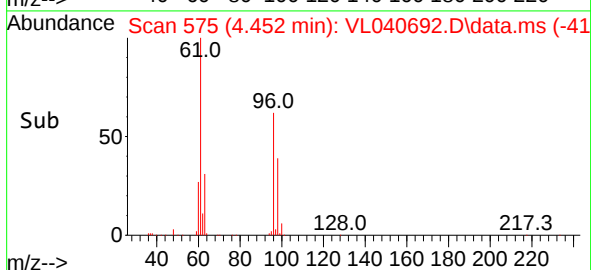
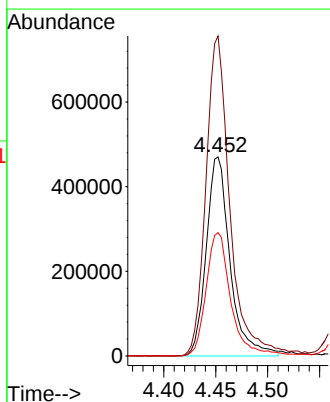
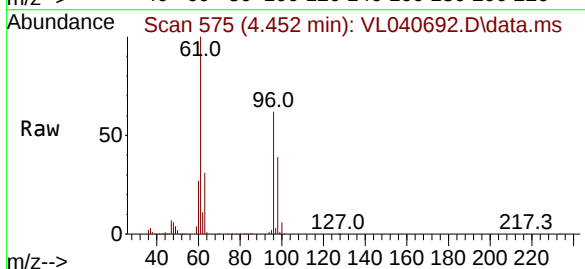
Manual Integrations
 APPROVED

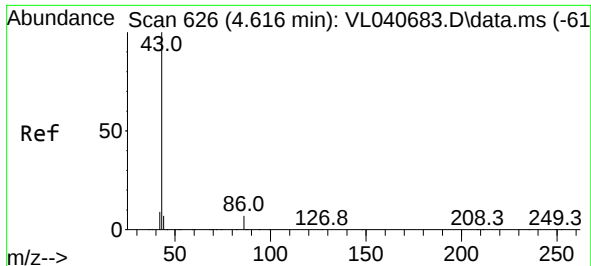
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.095 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

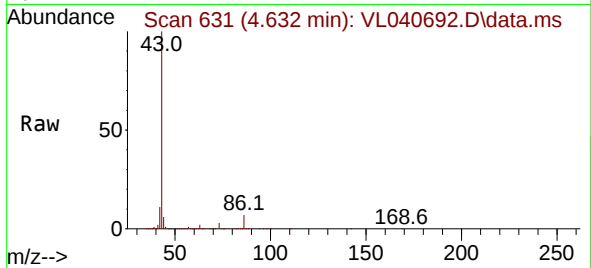
Tgt Ion: 96 Resp: 750308
 Ion Ratio Lower Upper
 96 100
 61 160.6 129.9 194.9
 98 61.9 50.2 75.4





#23
 Vinyl Acetate
 Concen: 9.435 ppbv
 RT: 4.632 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

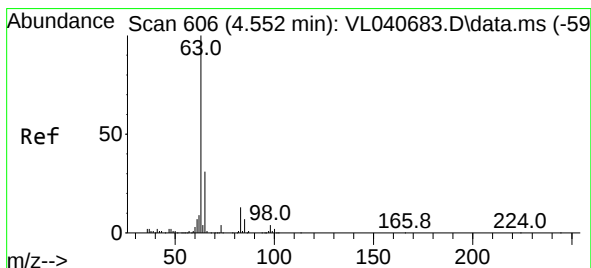
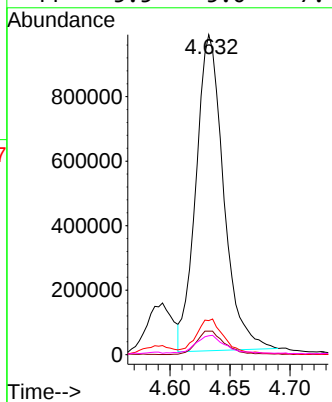
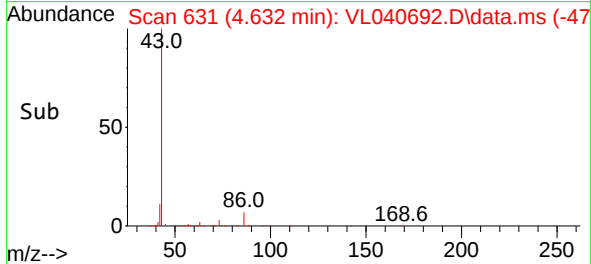
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



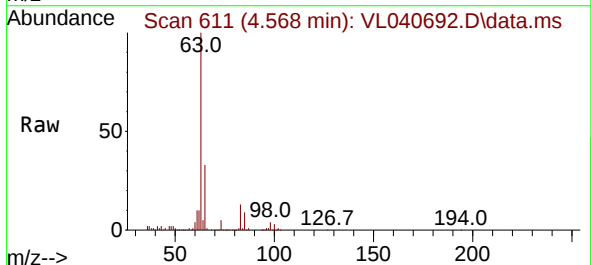
Tgt Ion: 43 Resp: 1570934
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.6 8.4
 42 10.6 7.6 11.4
 44 5.5 5.0 7.4

Manual Integrations
 APPROVED

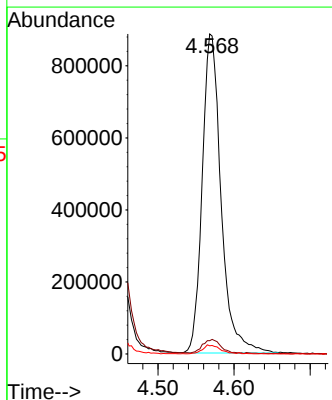
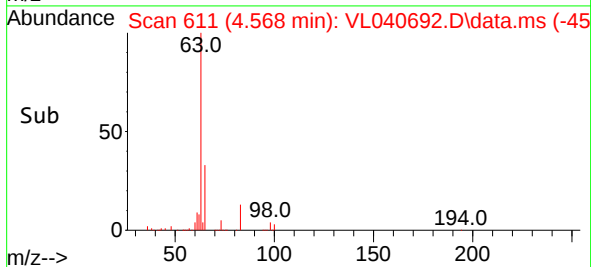
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

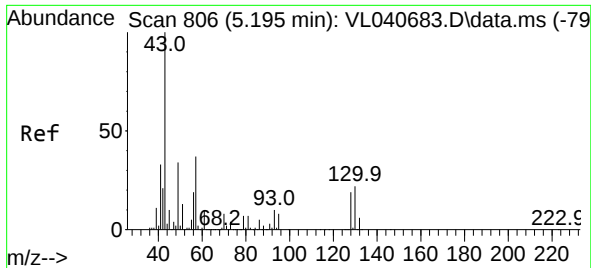


#24
 1,1-Dichloroethane
 Concen: 9.800 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25



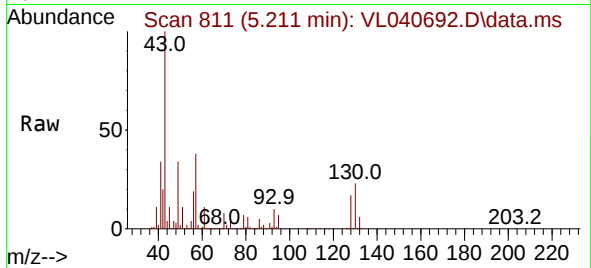
Tgt Ion: 63 Resp: 1526976
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 9.264 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

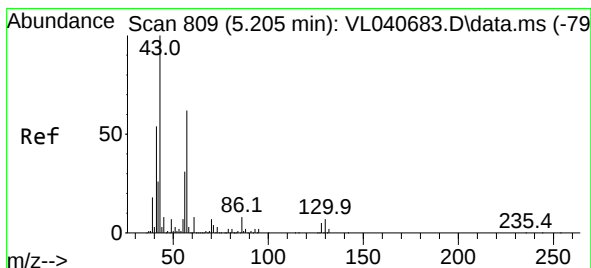
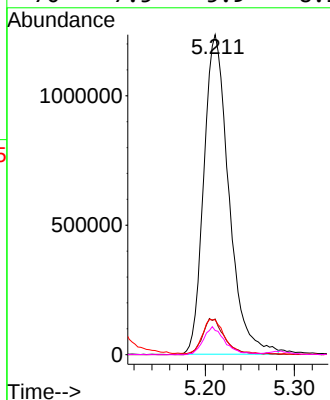
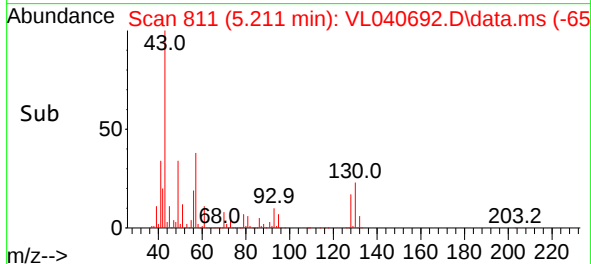
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



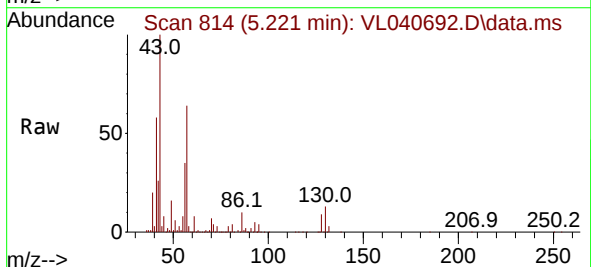
Tgt Ion: 43 Resp: 2405478
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.5 8.2 12.4
70 7.5 5.9 8.9

Manual Integrations
APPROVED

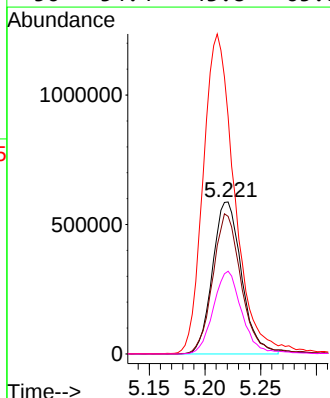
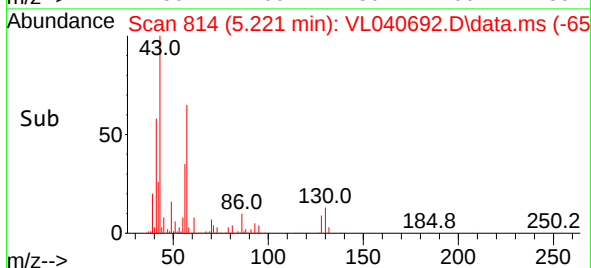
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

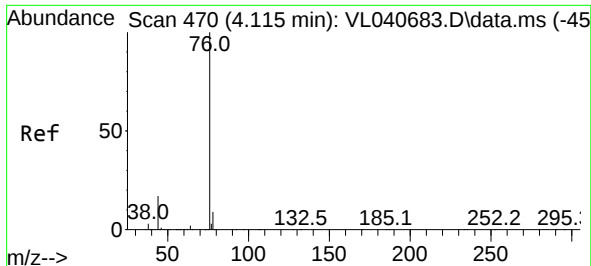


#26
Hexane
Concen: 8.644 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



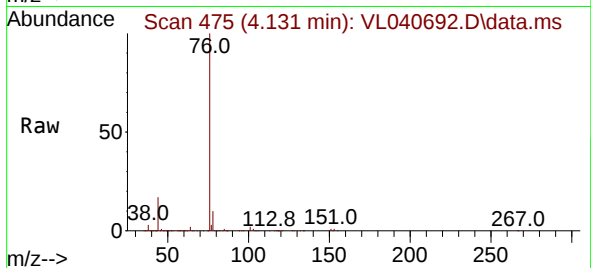
Tgt Ion: 57 Resp: 1061327
Ion Ratio Lower Upper
57 100
41 92.5 75.2 112.8
43 230.3 185.6 278.4
56 54.4 43.8 65.8





#27
Carbon Disulfide
Concen: 10.723 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

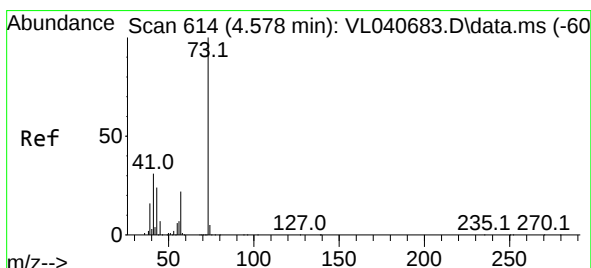
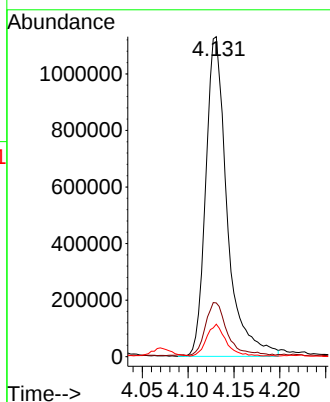
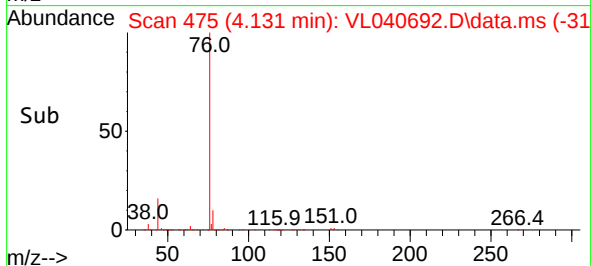
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1836024
Ion Ratio Lower Upper
76 100
44 17.6 14.5 21.7
78 9.5 7.7 11.5

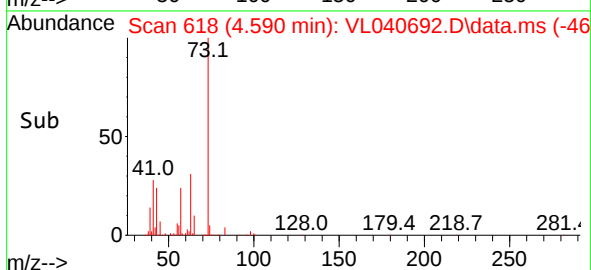
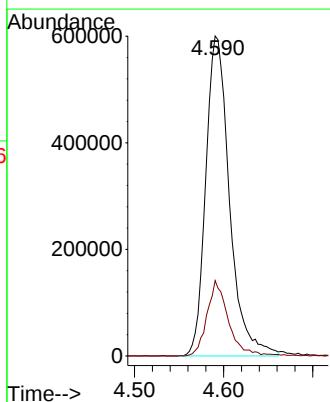
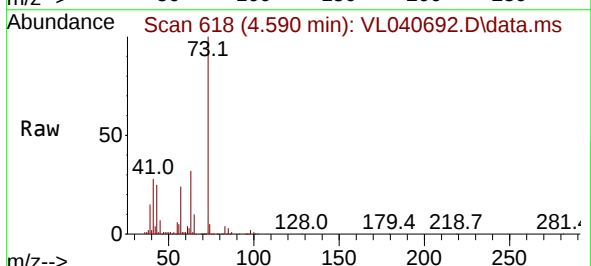
Manual Integrations
APPROVED

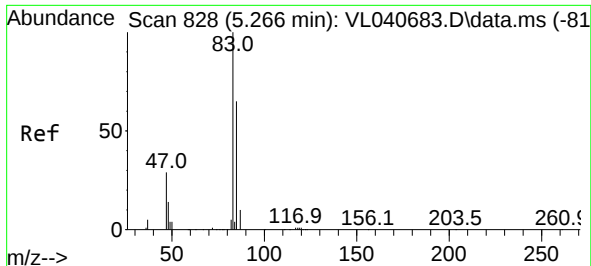
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#28
Methyl tert-Butyl Ether
Concen: 10.519 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion: 73 Resp: 1111128
Ion Ratio Lower Upper
73 100
57 21.5 18.8 28.2





#29

Chloroform

Concen: 9.198 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 194984

Ion Ratio Lower Upper

83 100

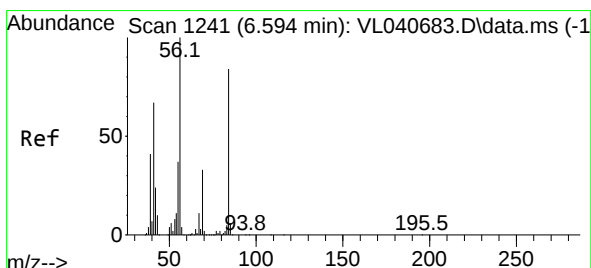
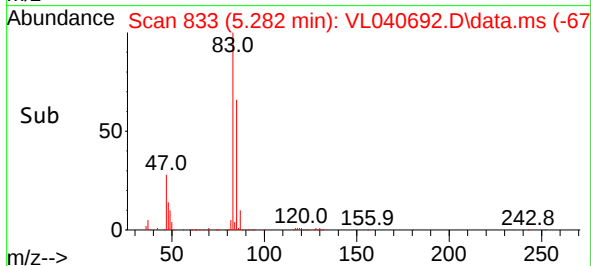
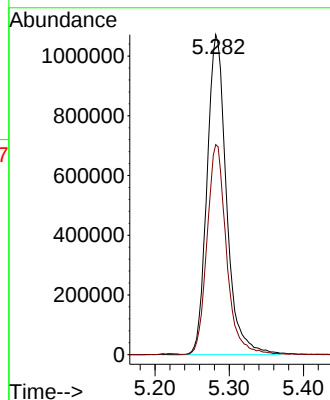
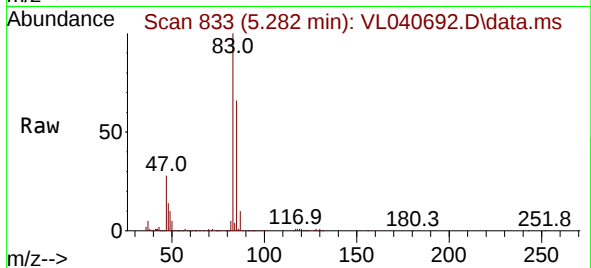
85 65.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#30

Cyclohexane

Concen: 9.710 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

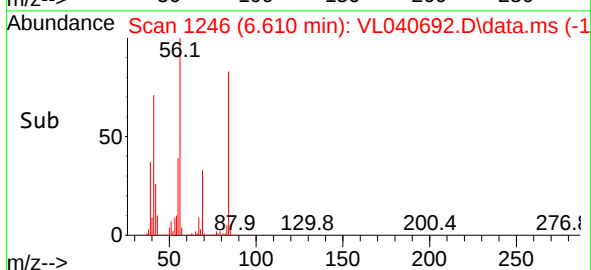
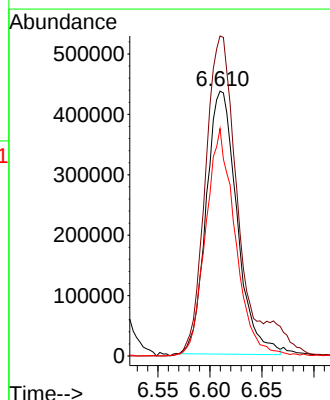
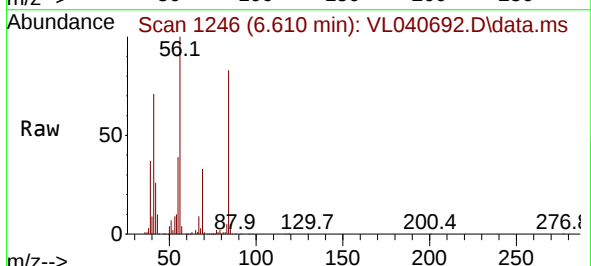
Tgt Ion: 84 Resp: 897790

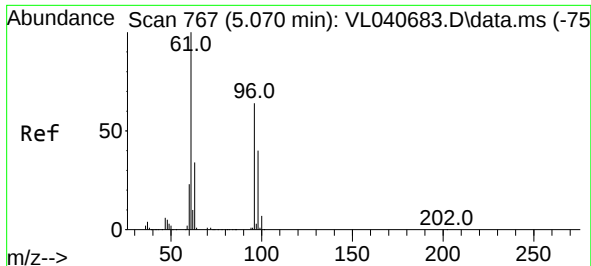
Ion Ratio Lower Upper

84 100

56 132.9 103.2 154.8

41 83.1 65.5 98.3





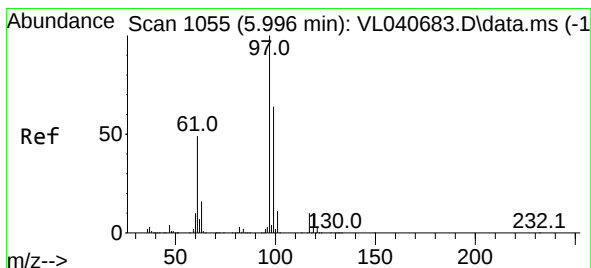
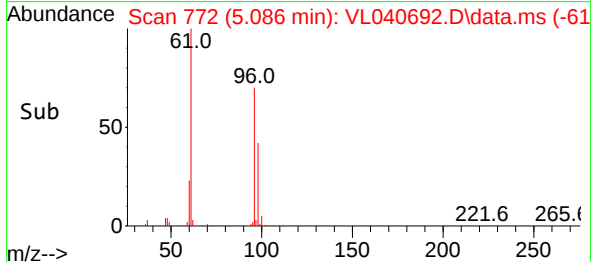
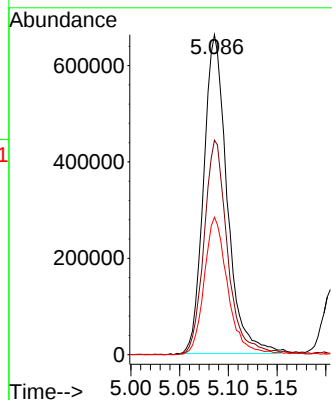
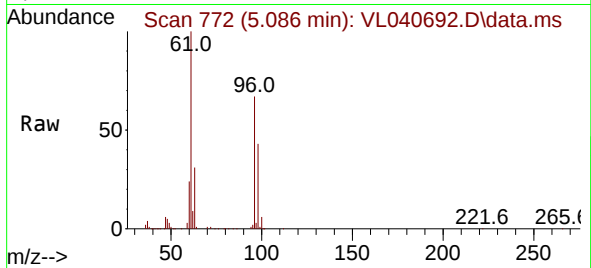
#31
 cis-1,2-Dichloroethene
 Concen: 9.748 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 111038
 Ion Ratio Lower Upper
 61 100
 96 67.1 51.2 76.8
 98 42.9 32.3 48.5

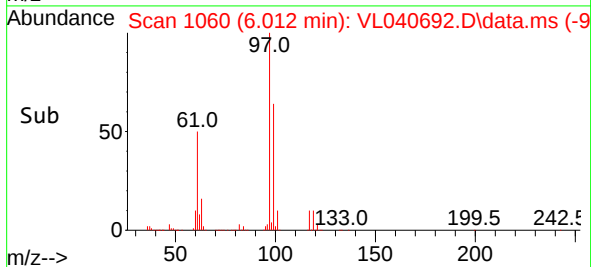
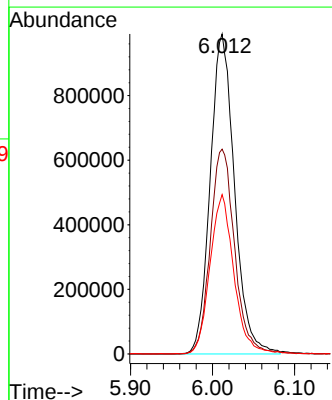
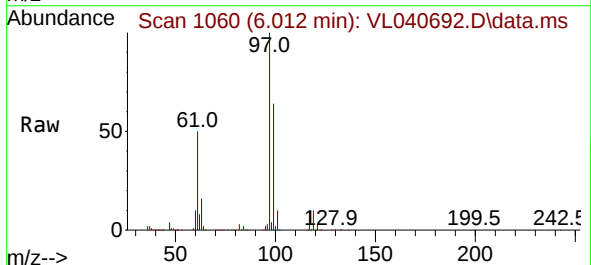
Manual Integrations
 APPROVED

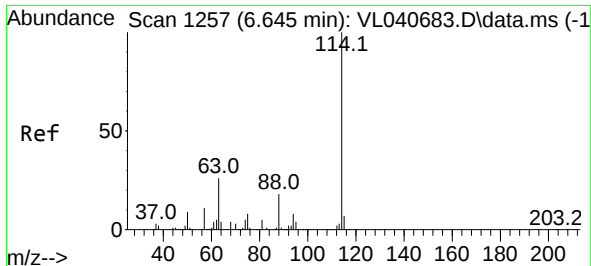
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.414 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

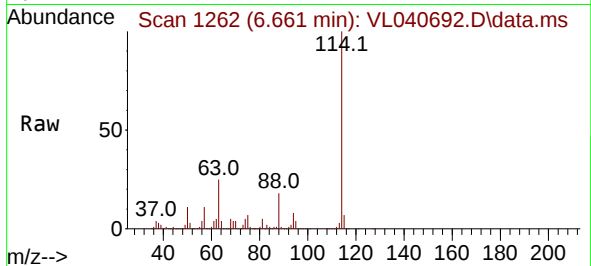
Tgt Ion: 97 Resp: 2040192
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.4 78.6
 61 49.4 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

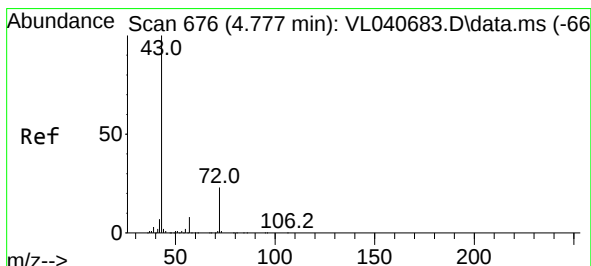
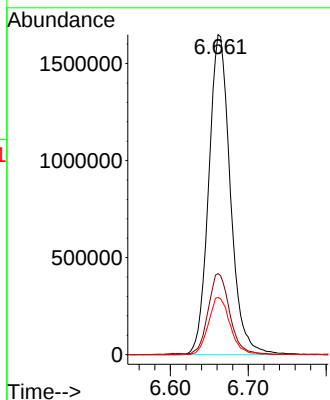
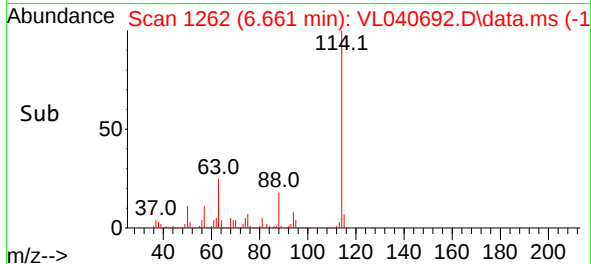
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 317946
Ion Ratio Lower Upper
114 100
63 25.9 21.1 31.7
88 18.1 14.5 21.7

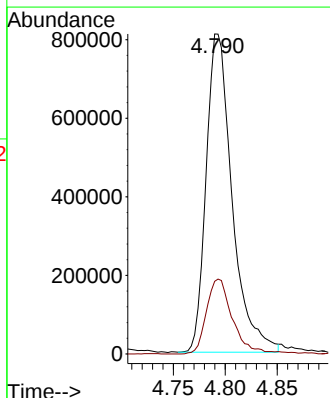
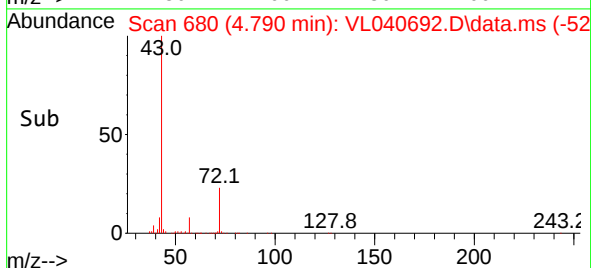
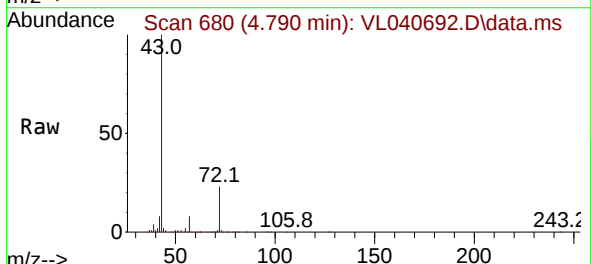
Manual Integrations
APPROVED

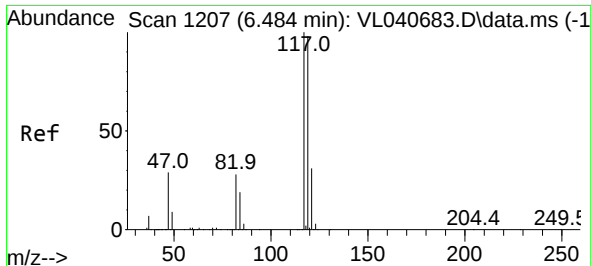
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#34
2-Butanone
Concen: 8.818 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

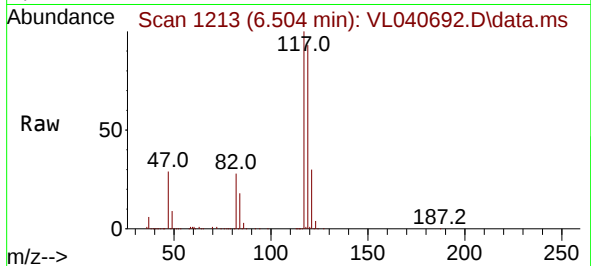
Tgt Ion: 43 Resp: 1409943
Ion Ratio Lower Upper
43 100
72 24.0 18.6 27.8





#35
Carbon Tetrachloride
Concen: 9.795 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

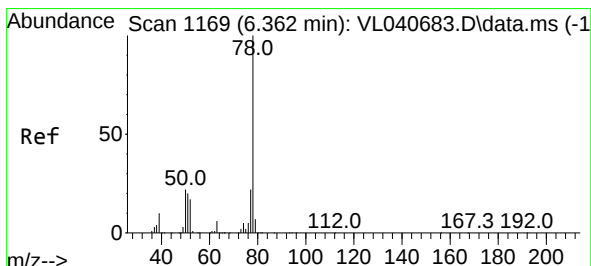
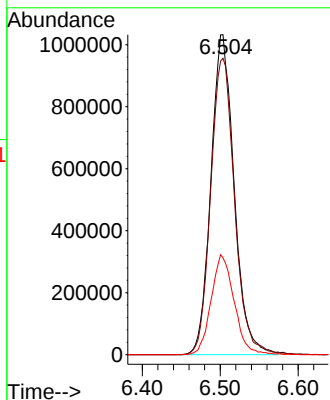
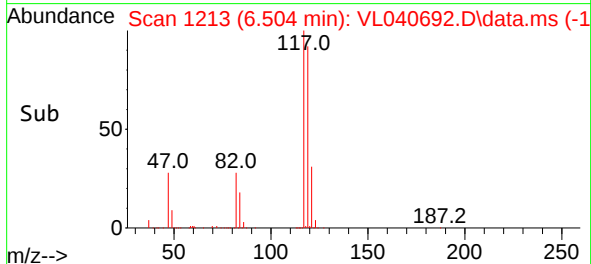
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 213841
Ion Ratio Lower Upper
117 100
119 92.5 78.6 117.8
121 30.3 24.7 37.1

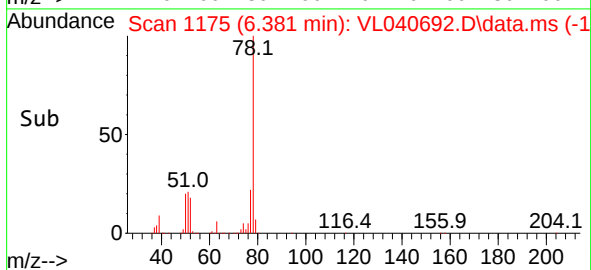
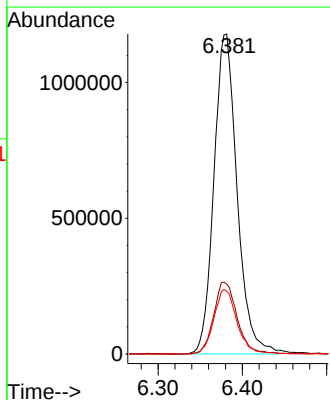
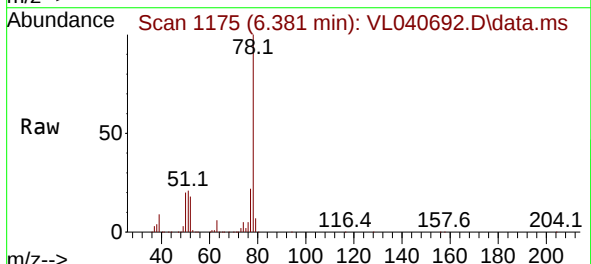
Manual Integrations
APPROVED

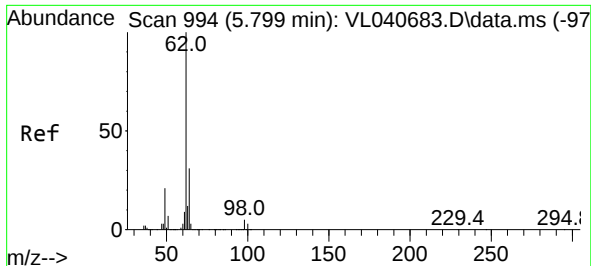
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#36
Benzene
Concen: 9.543 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion: 78 Resp: 2246736
Ion Ratio Lower Upper
78 100
77 21.9 17.9 26.9
50 19.7 17.3 25.9





#37

1,2-Dichloroethane

Concen: 9.291 ppbv

RT: 5.815 min Scan# 994

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 149713

Ion Ratio Lower Upper

62 100

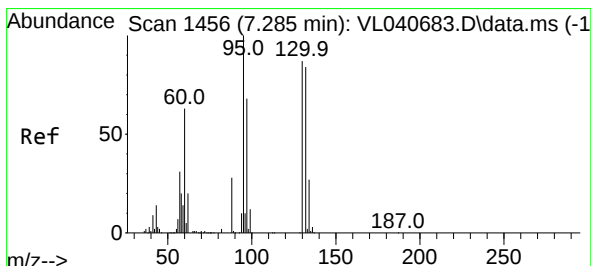
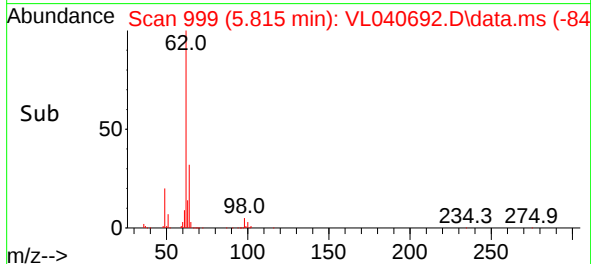
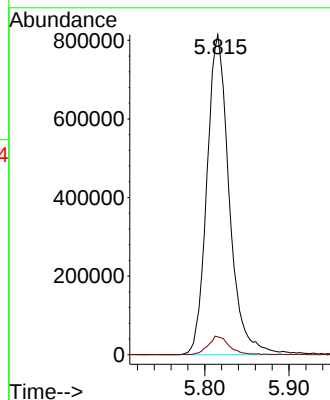
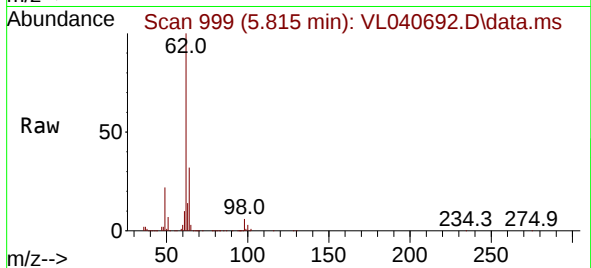
98 5.6 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#38

Trichloroethene

Concen: 10.505 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Tgt Ion:130 Resp: 943184

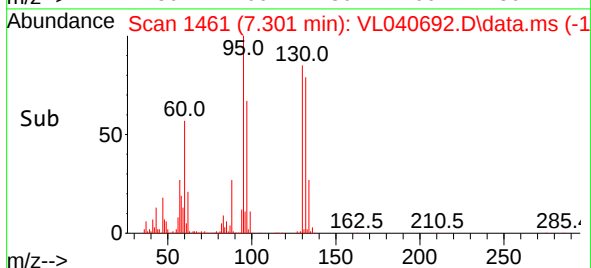
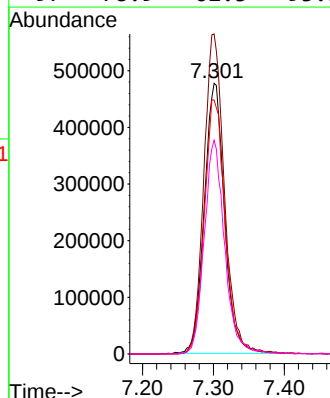
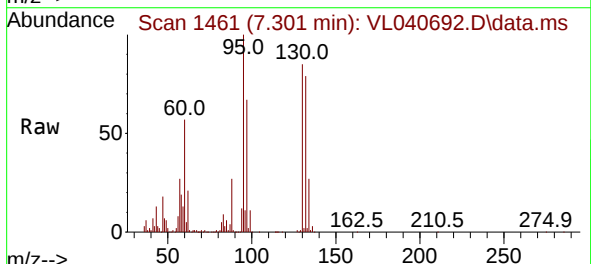
Ion Ratio Lower Upper

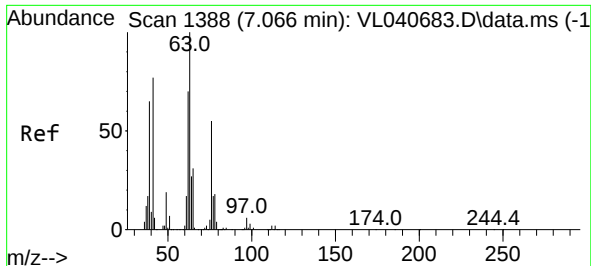
130 100

95 118.4 91.9 137.9

132 94.0 77.3 115.9

97 78.9 62.3 93.5





#39

1,2-Dichloropropane

Concen: 9.448 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

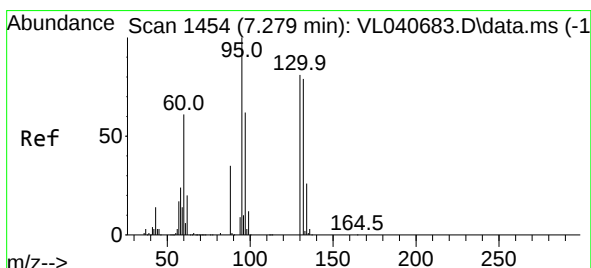
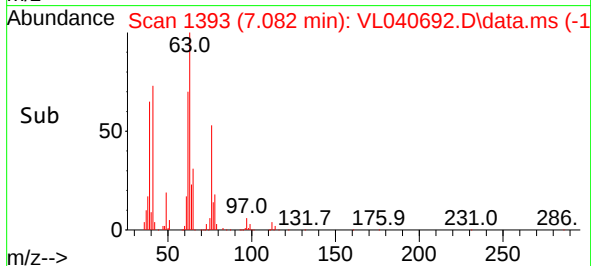
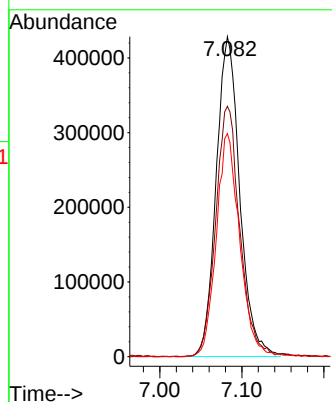
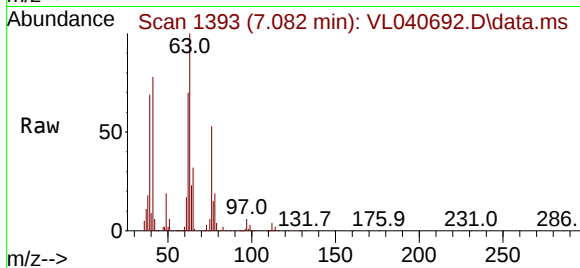
Tgt Ion: 63 Resp: 856244

Ion	Ratio	Lower	Upper
63	100		
41	78.3	61.6	92.4
62	69.7	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#40

1,4-Dioxane

Concen: 10.725 ppbv

RT: 7.295 min Scan# 1459

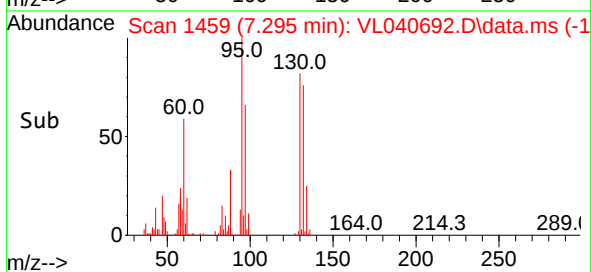
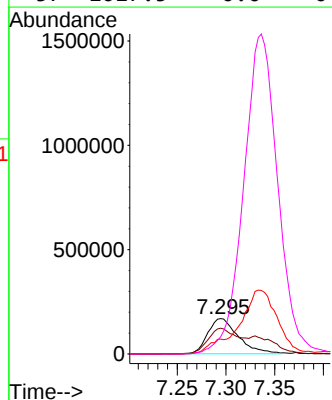
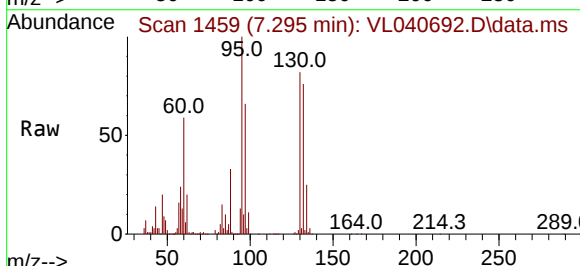
Delta R.T. 0.000 min

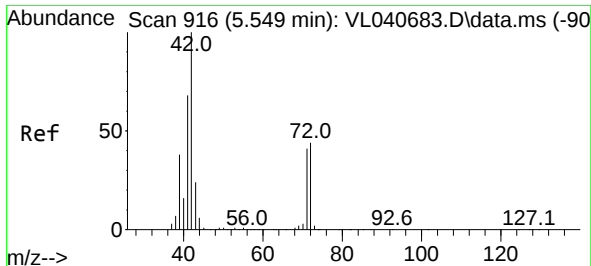
Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Tgt Ion: 88 Resp: 367441

Ion	Ratio	Lower	Upper
88	100		
58	116.9	92.7	139.1
43	230.8	0.0	0.0#
57	1017.5	0.0	0.0#





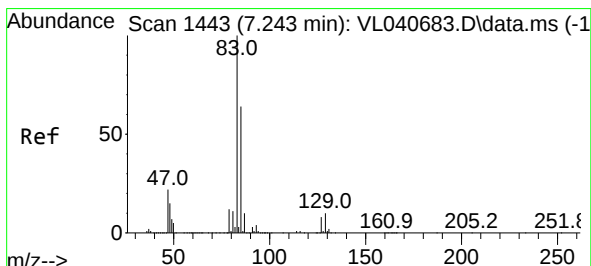
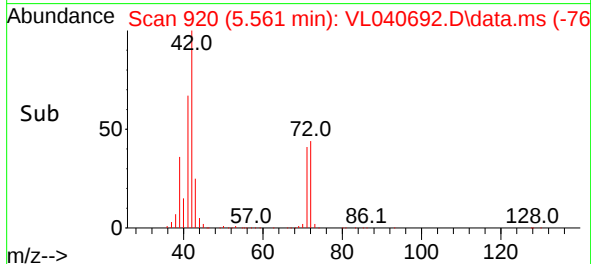
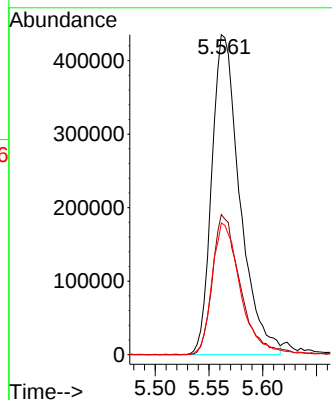
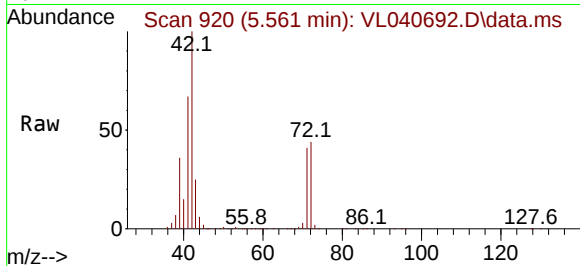
#41
Tetrahydrofuran
Concen: 9.649 ppbv
RT: 5.561 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 791152
Ion Ratio Lower Upper
42 100
72 44.0 34.9 52.3
71 42.3 33.8 50.8

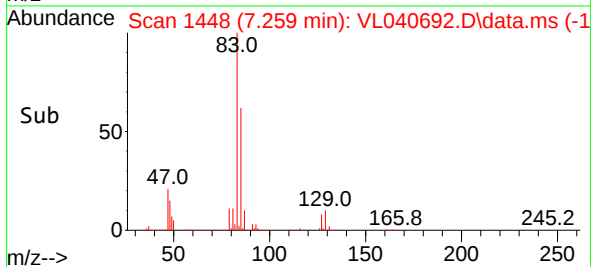
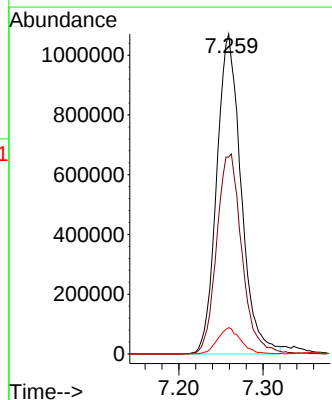
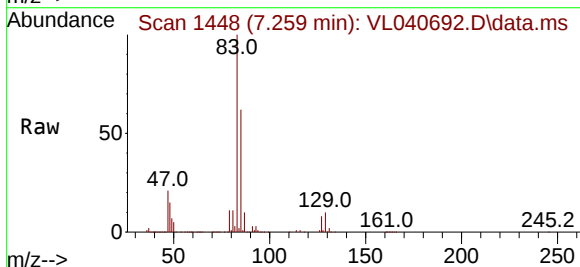
Manual Integrations
APPROVED

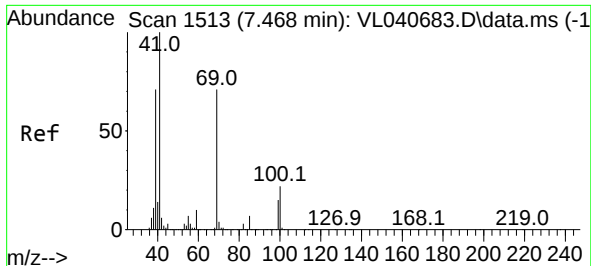
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#42
Bromodichloromethane
Concen: 9.793 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion: 83 Resp: 2153178
Ion Ratio Lower Upper
83 100
85 61.5 51.2 76.8
127 8.2 6.2 9.4





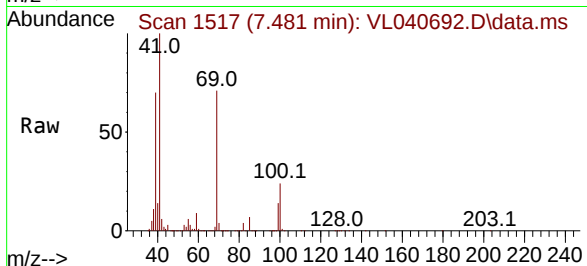
#43
Methyl Methacrylate
Concen: 10.688 ppbv
RT: 7.481 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

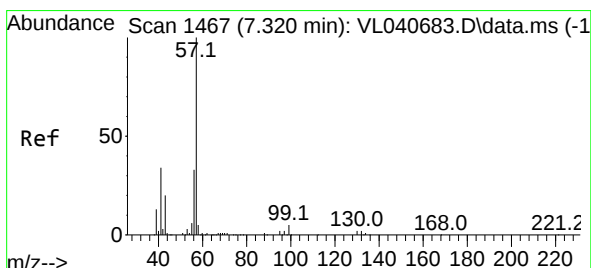
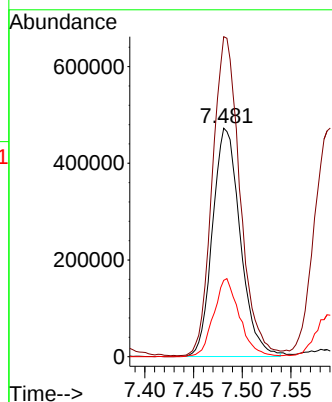
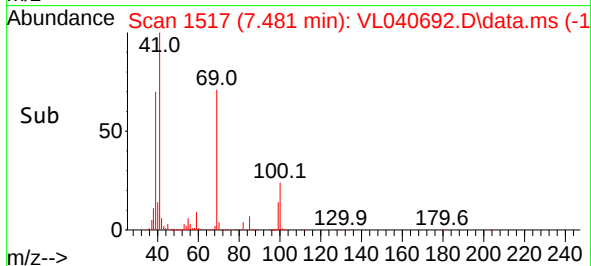


Tgt Ion: 69 Resp: 93531
Ion Ratio Lower Upper
69 100
41 139.9 113.8 170.8
100 31.9 25.4 38.0

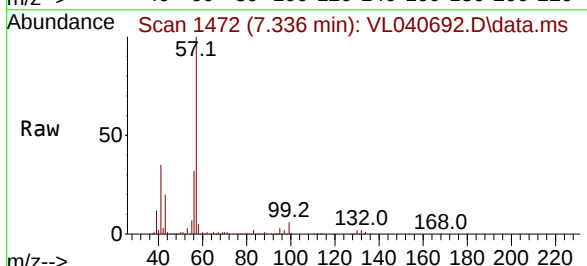
Manual Integrations

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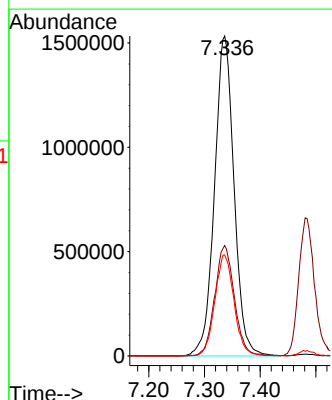
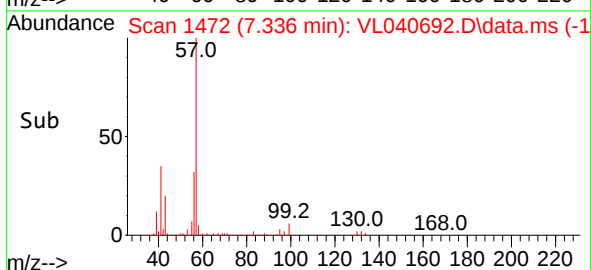
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

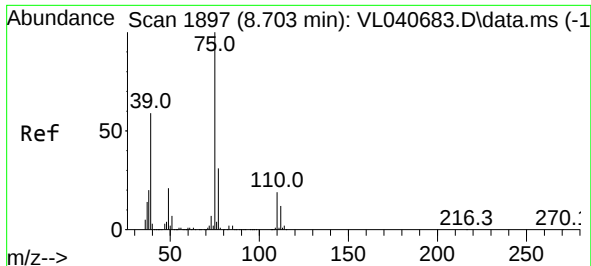


#44
2,2,4-Trimethylpentane
Concen: 9.970 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



Tgt Ion: 57 Resp: 3737430
Ion Ratio Lower Upper
57 100
41 34.7 28.5 42.7
56 31.1 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 12.346 ppbv

RT: 8.722 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 837818

Ion Ratio Lower Upper

75 100

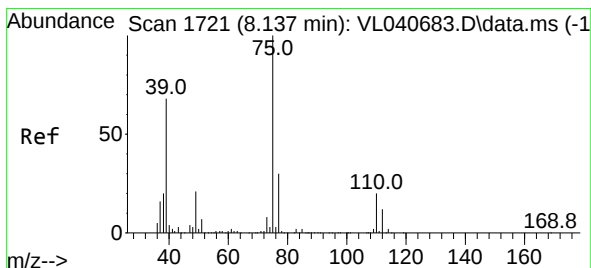
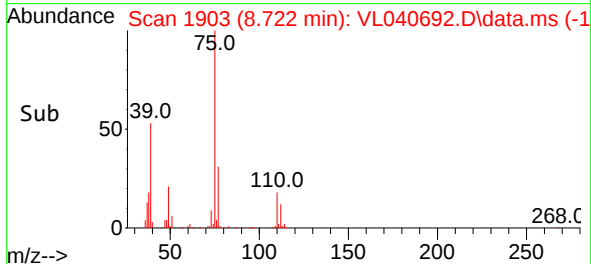
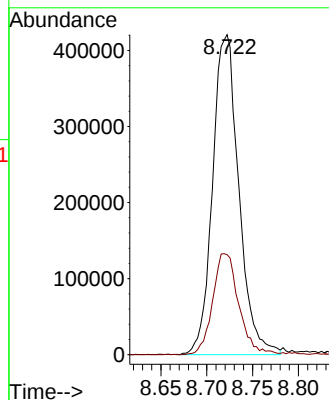
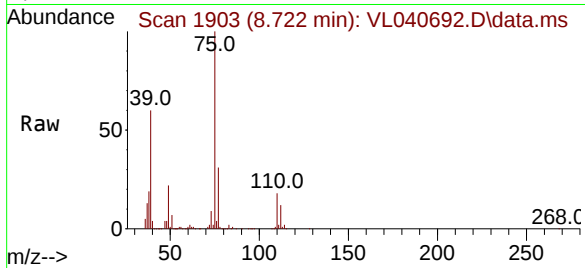
77 31.2 24.5 36.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#46

cis-1,3-Dichloropropene

Concen: 11.478 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

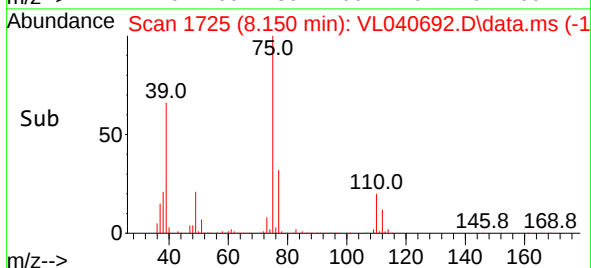
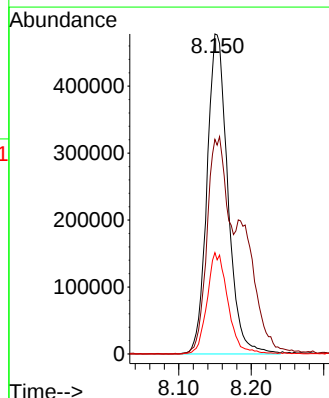
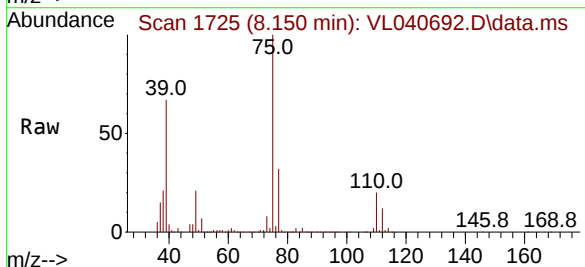
Tgt Ion: 75 Resp: 953015

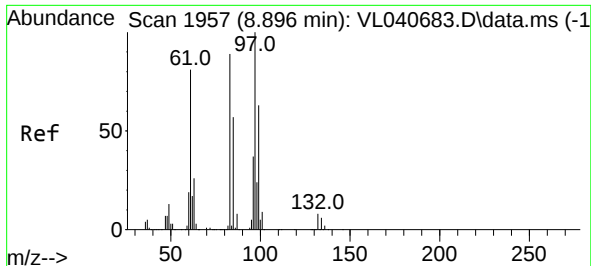
Ion Ratio Lower Upper

75 100

39 67.0 54.0 81.0

77 31.6 23.6 35.4





#47
1,1,2-Trichloroethane
Concen: 9.545 ppbv
RT: 8.909 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

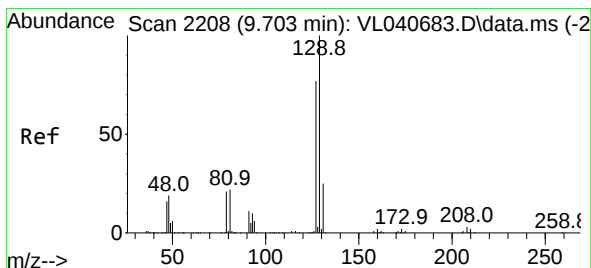
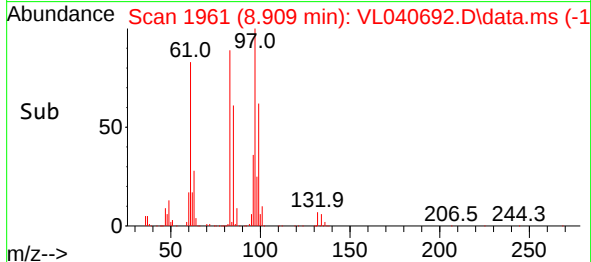
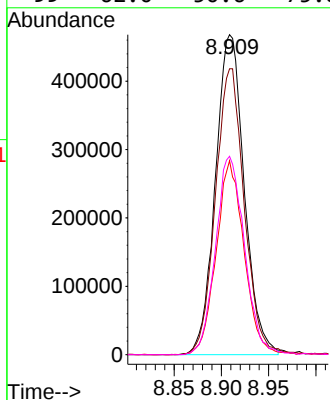
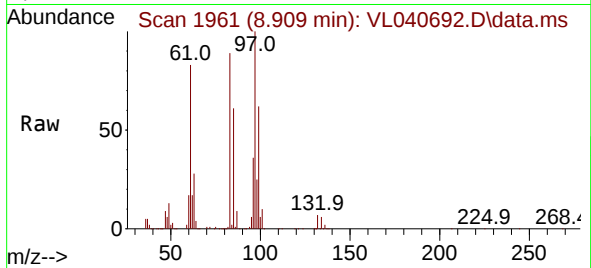
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 99272

Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.8	106.2
85	60.6	45.7	68.5
99	62.0	50.6	75.8

Manual Integrations
APPROVED

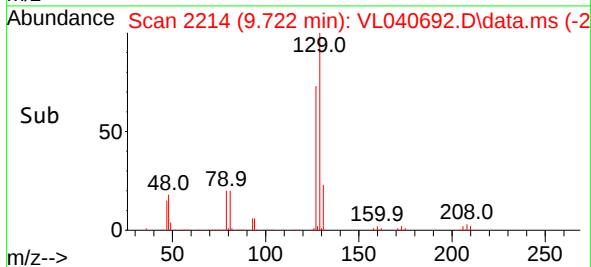
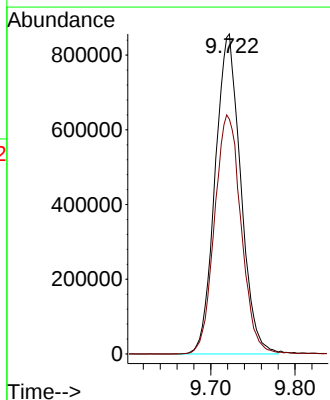
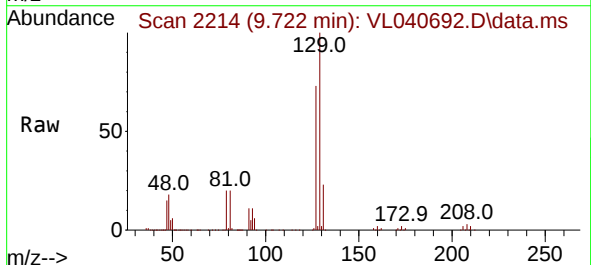
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

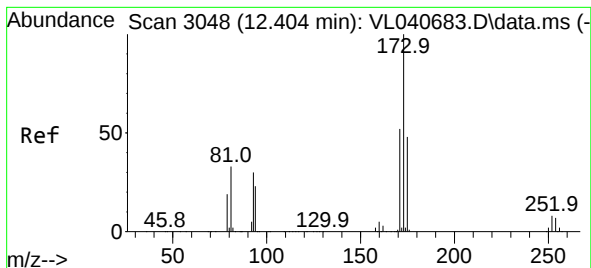


#48
Dibromochloromethane
Concen: 10.503 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion:129 Resp: 1802040

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.4	118.2





#49

Bromoform

Concen: 10.636 ppbv

RT: 12.420 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1498634

Ion Ratio Lower Upper

173 100

175 49.1 38.8 58.2

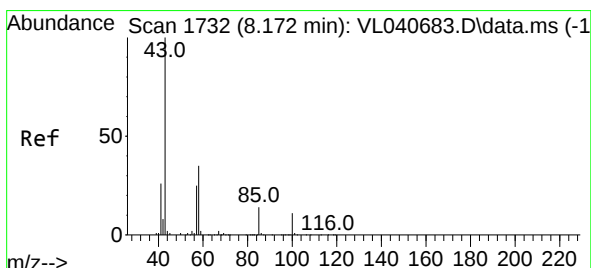
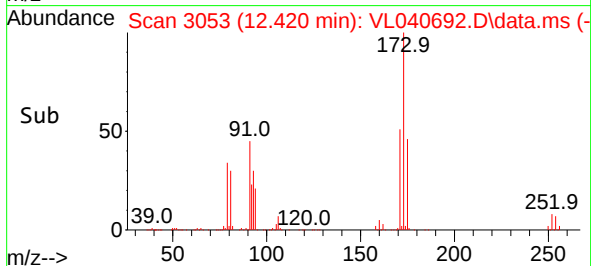
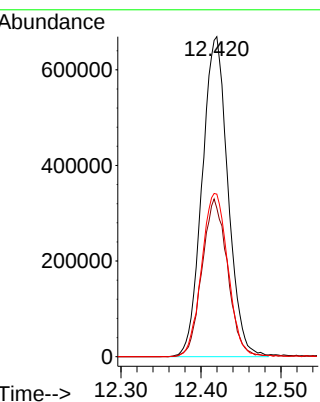
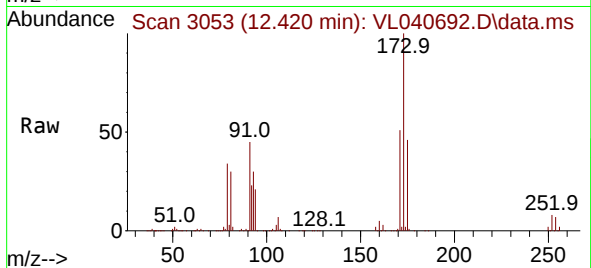
171 52.3 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#50

4-Methyl-2-Pentanone

Concen: 10.294 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.000 min

Lab File: VL040692.D

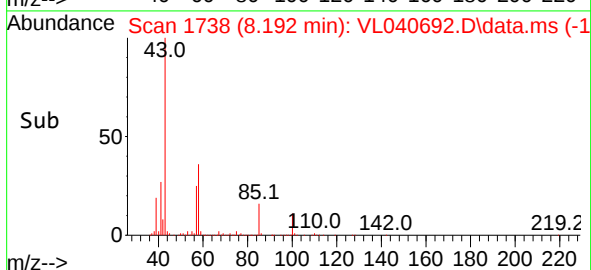
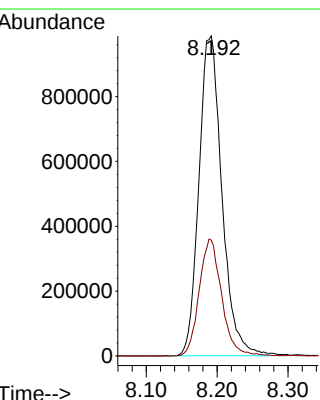
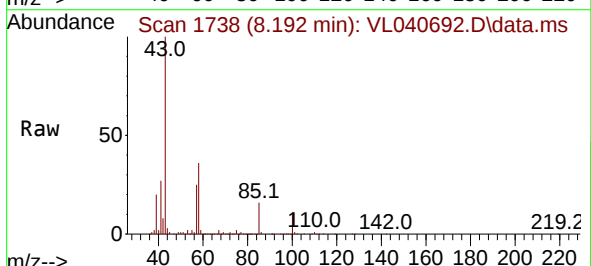
Acq: 18 Sep 2023 9:25

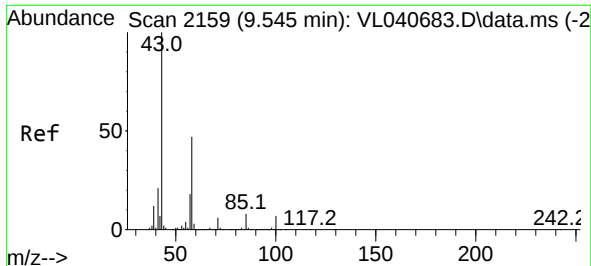
Tgt Ion: 43 Resp: 2224144

Ion Ratio Lower Upper

43 100

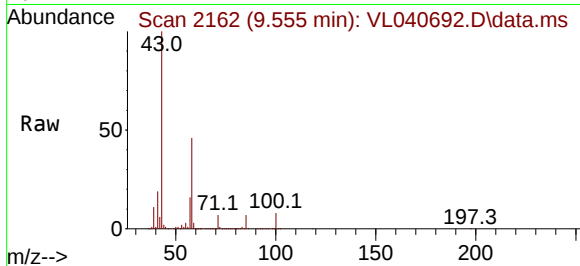
58 35.7 28.2 42.4





#51
2-Hexanone
Concen: 10.816 ppbv
RT: 9.555 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

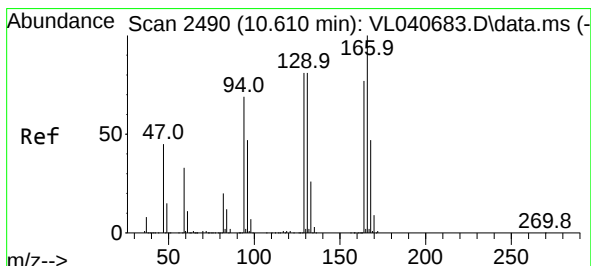
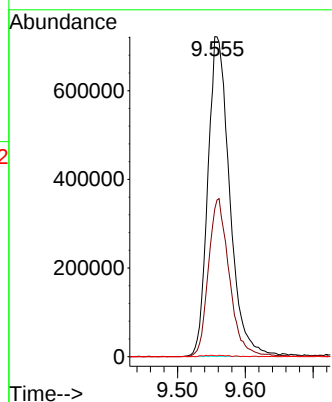
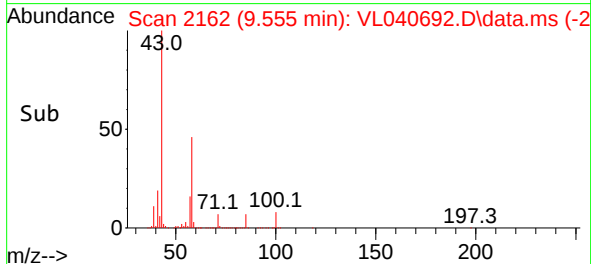
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 161306
Ion Ratio Lower Upper
43 100
58 47.5 37.6 56.4
98 0.5 0.6 1.0

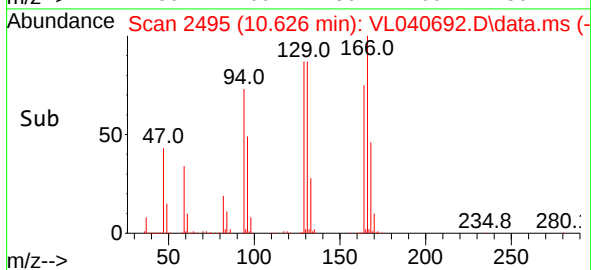
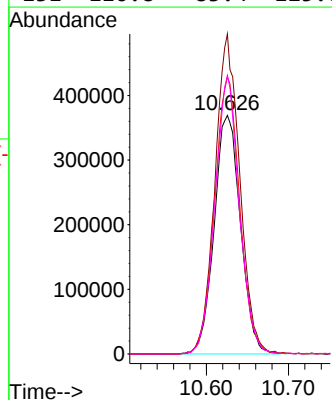
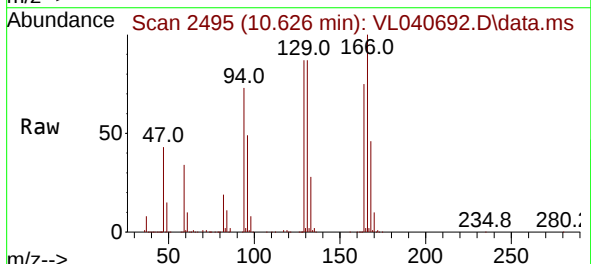
Manual Integrations
APPROVED

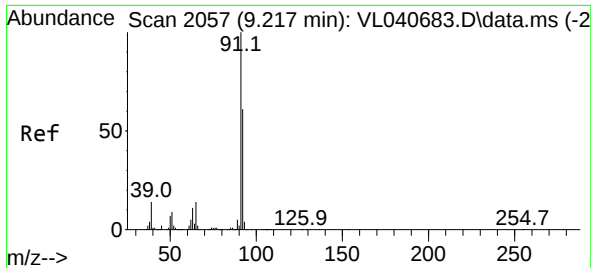
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#52
Tetrachloroethene
Concen: 10.693 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion:164 Resp: 821214
Ion Ratio Lower Upper
164 100
166 134.0 103.4 155.2
129 116.1 83.5 125.3
131 116.8 83.4 125.0





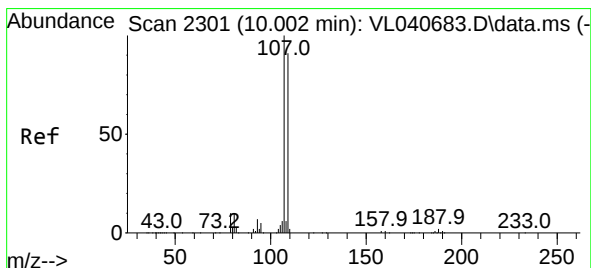
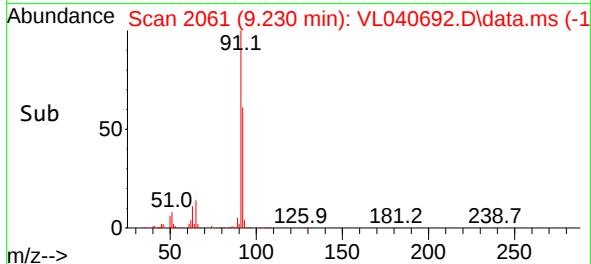
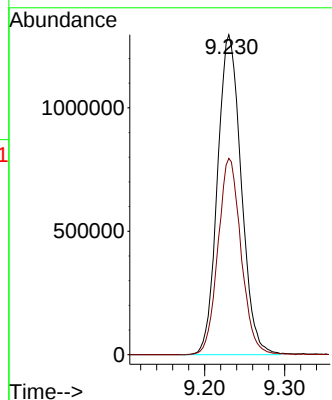
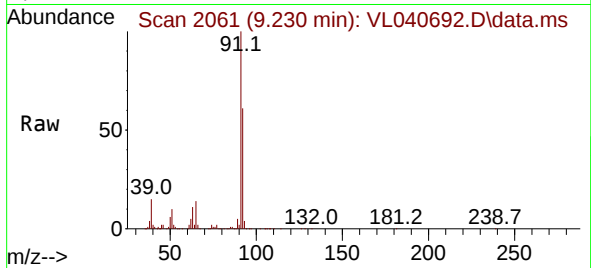
#53
Toluene
Concen: 10.727 ppbv
RT: 9.230 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2666358
Ion Ratio Lower Upper
91 100
92 60.0 48.5 72.7

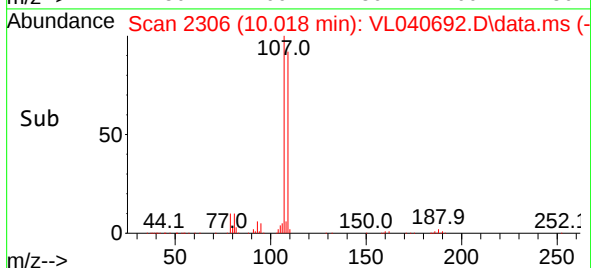
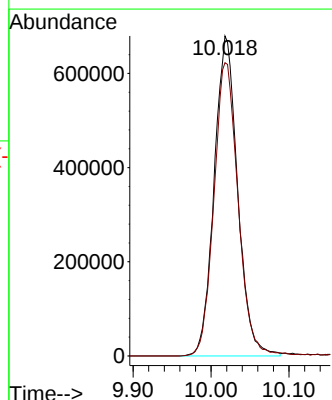
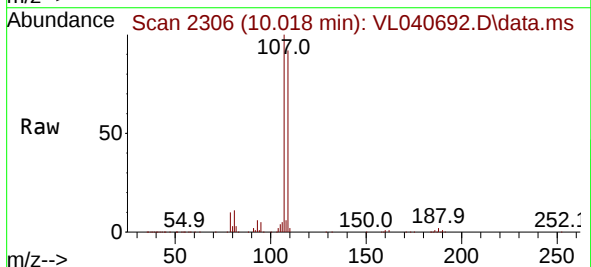
Manual Integrations
APPROVED

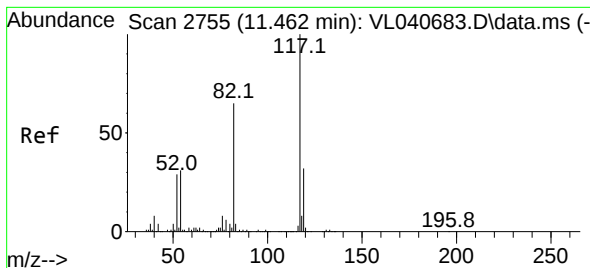
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#54
1,2-Dibromoethane
Concen: 10.726 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion:107 Resp: 1423839
Ion Ratio Lower Upper
107 100
109 91.7 72.4 108.6





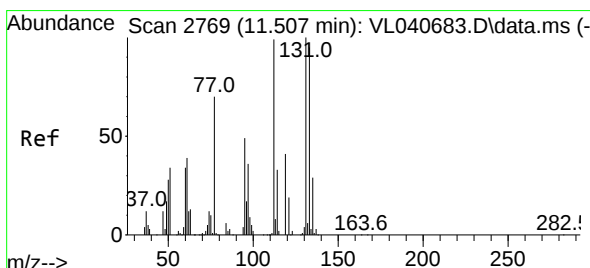
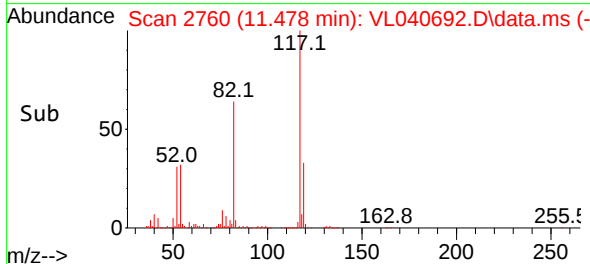
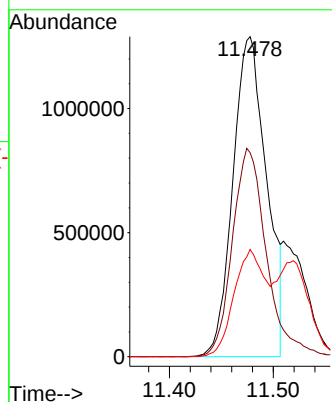
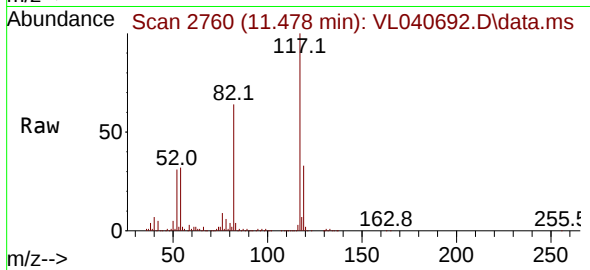
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 290122
Ion Ratio Lower Upper
117 100
82 66.4 51.4 77.0
119 31.1 24.7 37.1

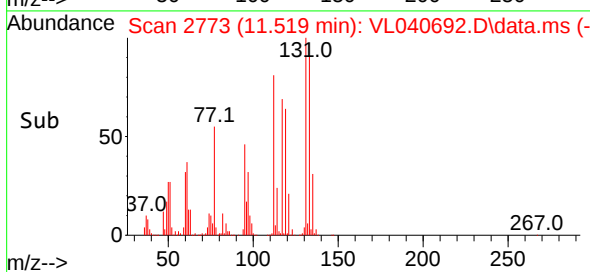
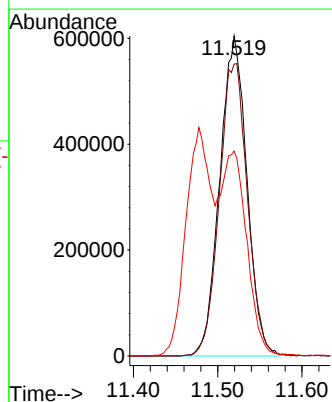
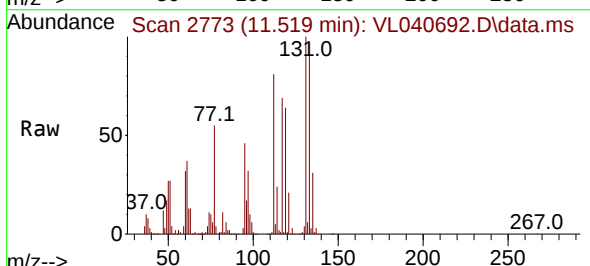
Manual Integrations
APPROVED

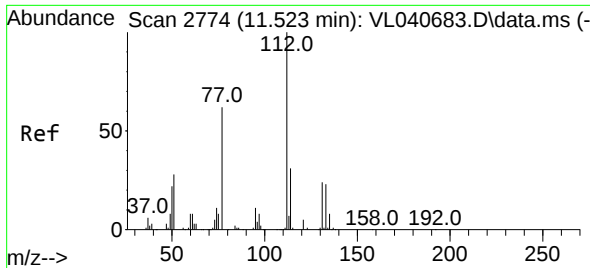
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.771 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

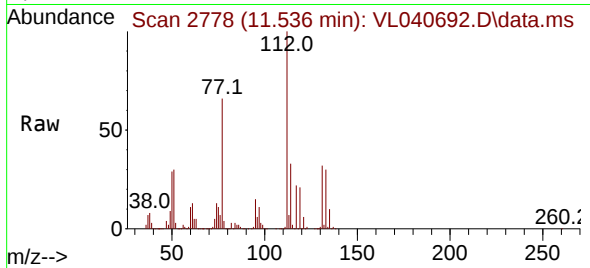
Tgt Ion:131 Resp: 1351312
Ion Ratio Lower Upper
131 100
133 94.8 76.2 114.2
119 58.5 45.5 68.3





#57
Chlorobenzene
Concen: 9.703 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

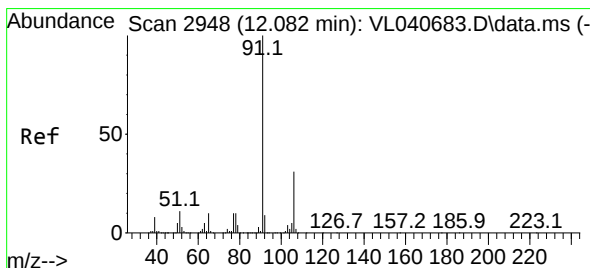
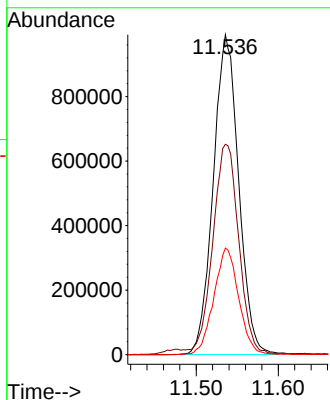
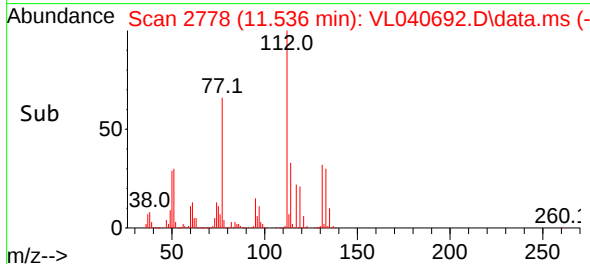
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



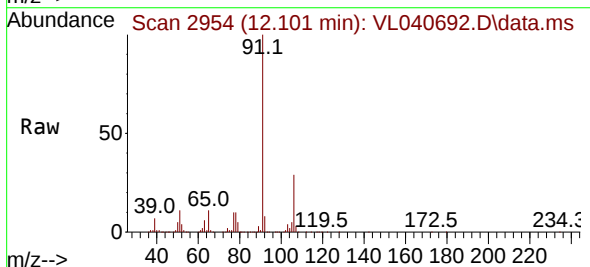
Tgt Ion:112 Resp: 2131799
Ion Ratio Lower Upper
112 100
77 65.5 50.8 76.2
114 33.2 28.2 34.4

Manual Integrations
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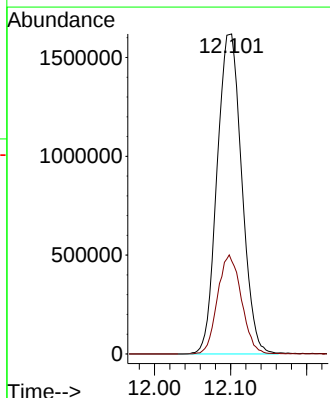
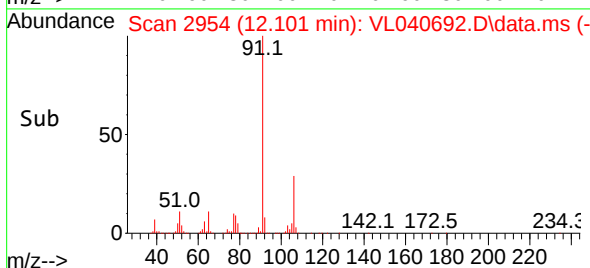
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

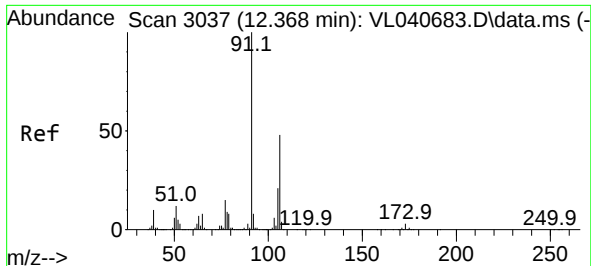


#58
Ethyl Benzene
Concen: 11.034 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



Tgt Ion: 91 Resp: 3649788
Ion Ratio Lower Upper
91 100
106 29.1 24.7 37.1





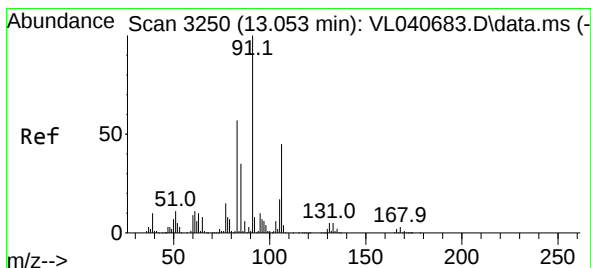
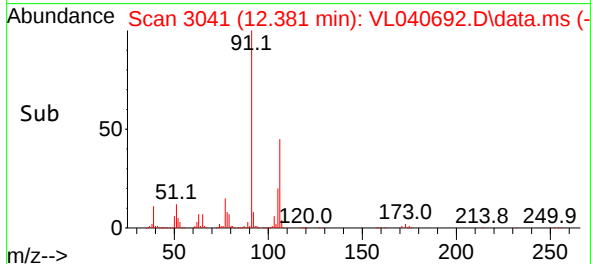
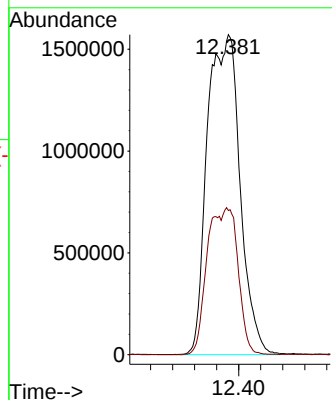
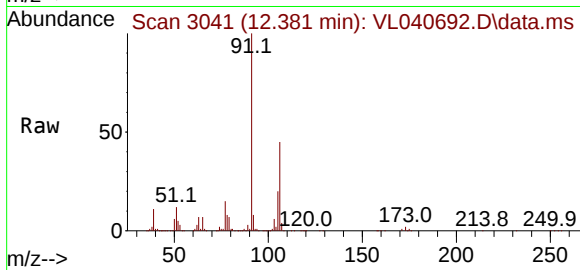
#59
m/p-Xylene
Concen: 20.858 ppbv m
RT: 12.381 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 647839
Ion Ratio Lower Upper
91 100
106 43.3 34.8 52.2

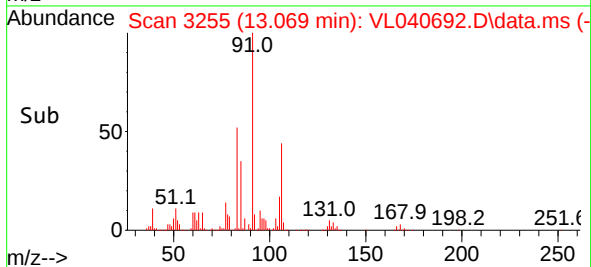
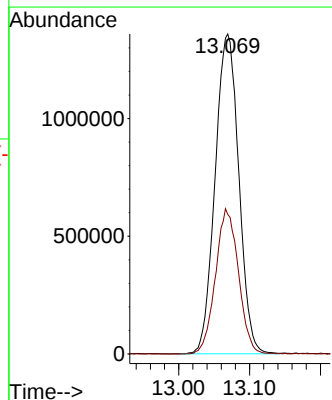
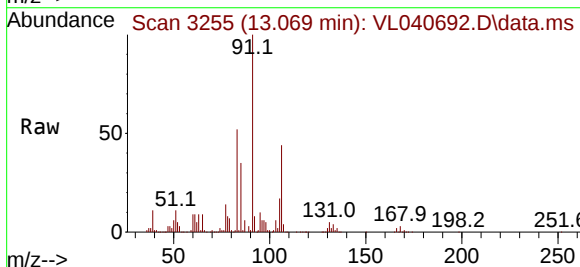
Manual Integrations
APPROVED

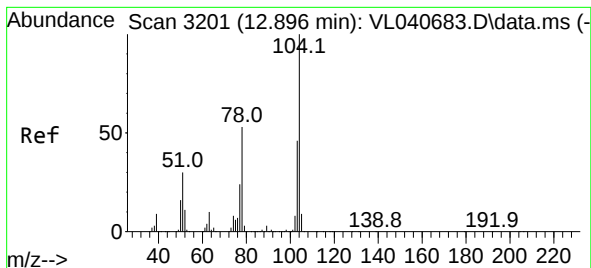
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#60
o-Xylene
Concen: 10.643 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Tgt Ion: 91 Resp: 3152564
Ion Ratio Lower Upper
91 100
106 44.0 22.3 66.9





#61

Styrene

Concen: 12.077 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 149926

Ion Ratio Lower Upper

104 100

78 53.6 43.4 65.0

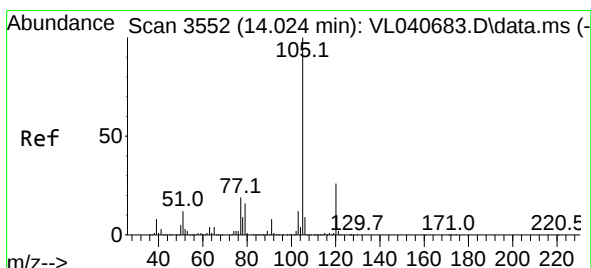
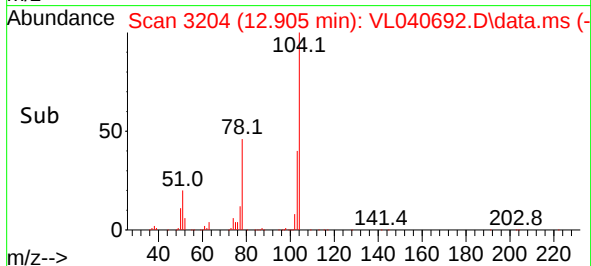
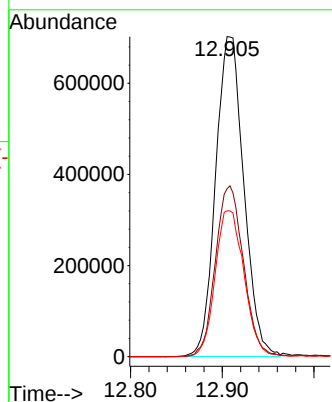
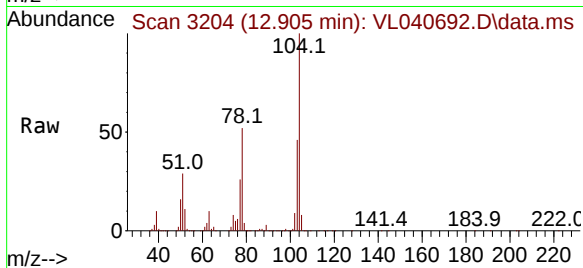
103 47.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#62

Isopropylbenzene

Concen: 10.109 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. 0.000 min

Lab File: VL040692.D

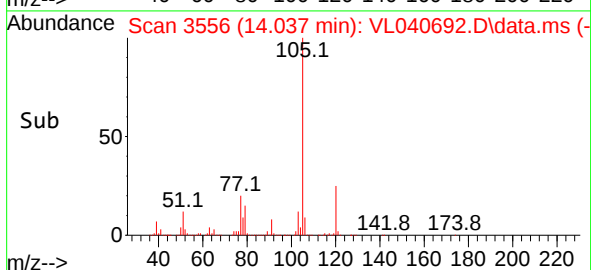
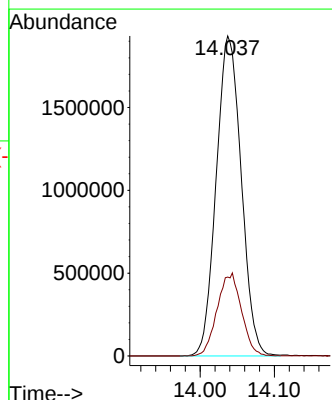
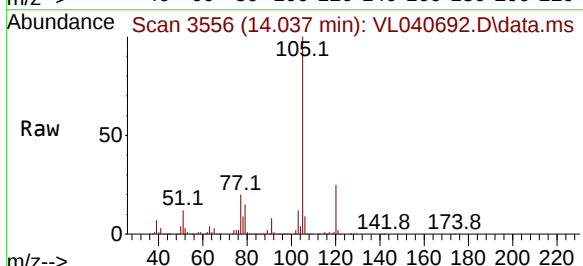
Acq: 18 Sep 2023 9:25

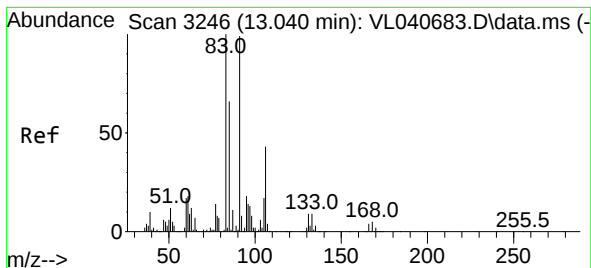
Tgt Ion:105 Resp: 4520850

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.4





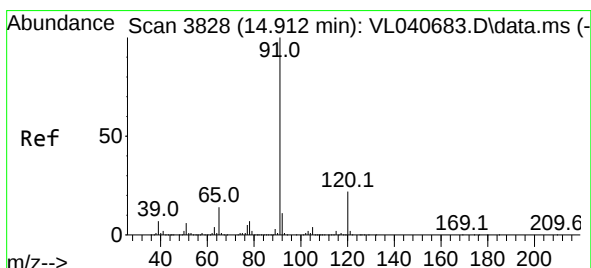
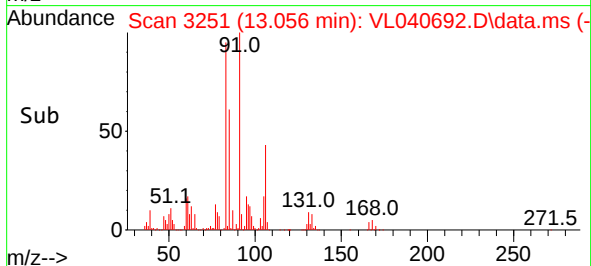
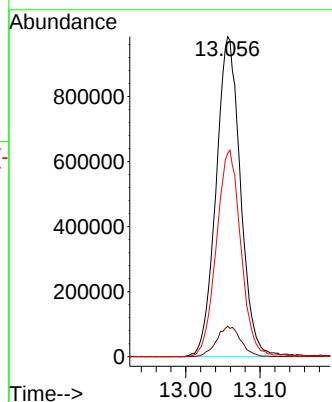
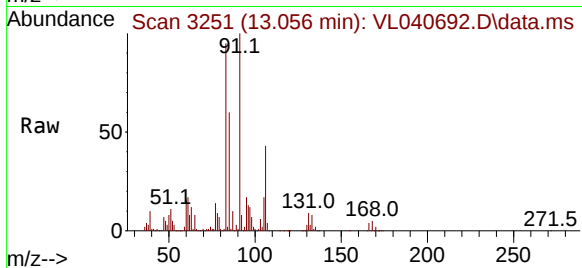
#63
1,1,2,2-Tetrachloroethane
Concen: 9.678 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 224673
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.5 33.1 99.3

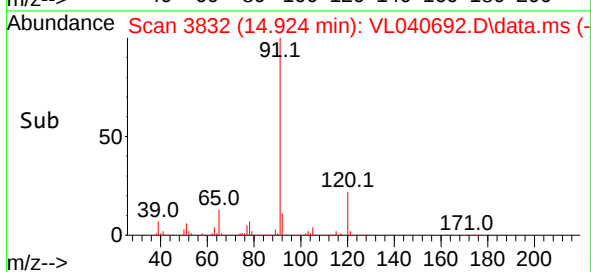
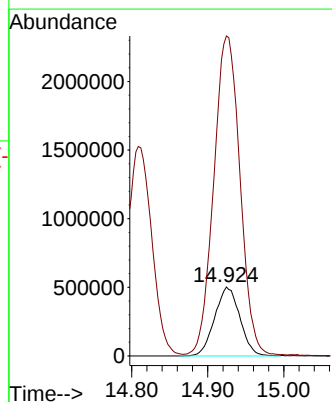
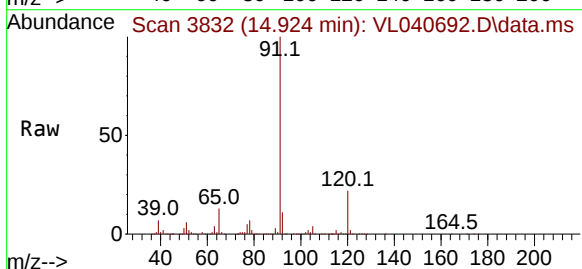
Manual Integrations
APPROVED

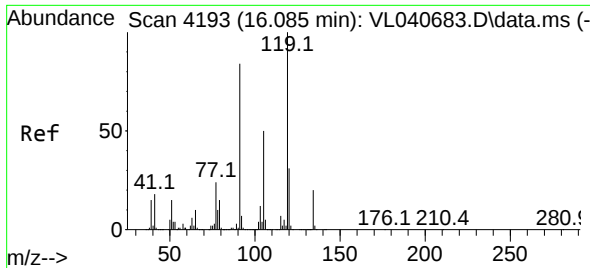
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#64
n-propylbenzene
Concen: 10.342 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

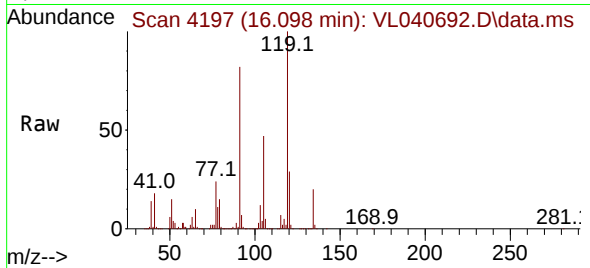
Tgt Ion:120 Resp: 1156484
Ion Ratio Lower Upper
120 100
91 487.2 386.9 580.3





#65
tert-Butylbenzene
Concen: 10.054 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

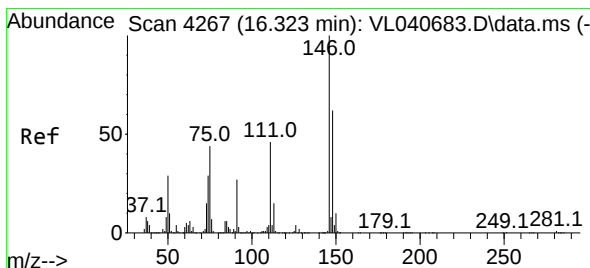
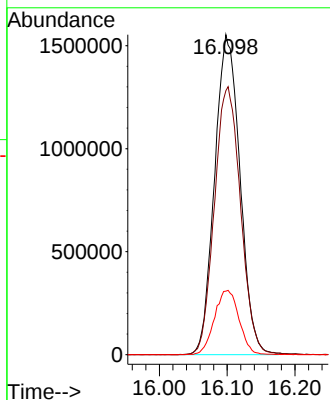
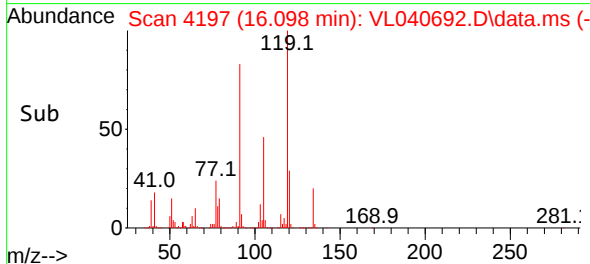
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



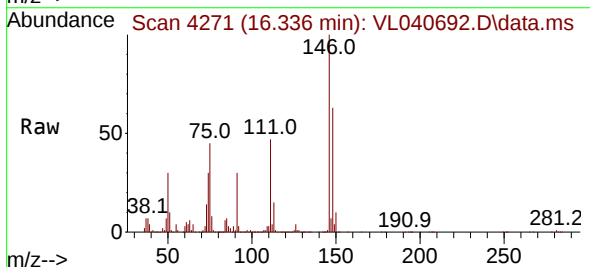
Tgt Ion: 119 Resp: 403559
Ion Ratio Lower Upper
119 100
91 86.6 69.8 104.8
134 19.6 15.4 23.2

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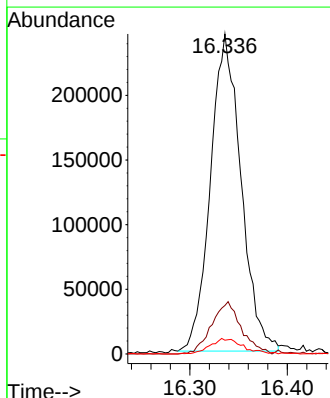
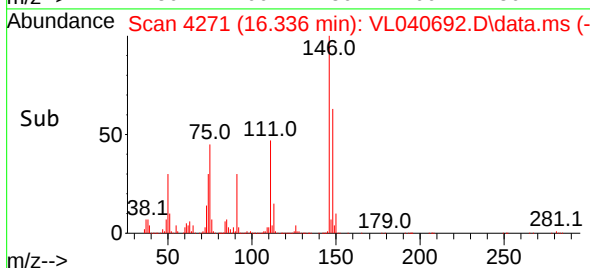
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

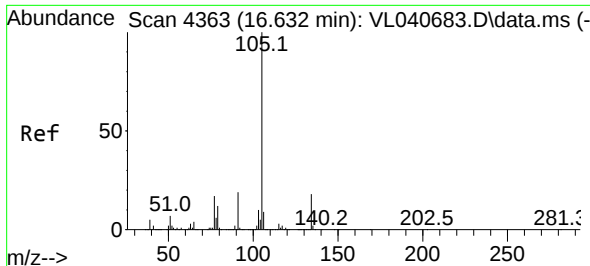


#66
Benzyl Chloride
Concen: 11.393 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



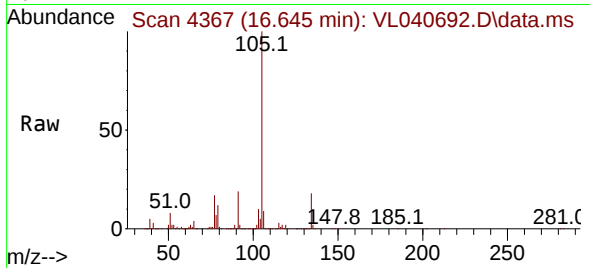
Tgt Ion: 91 Resp: 533717
Ion Ratio Lower Upper
91 100
126 16.4 13.6 20.4
128 5.3 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.898 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

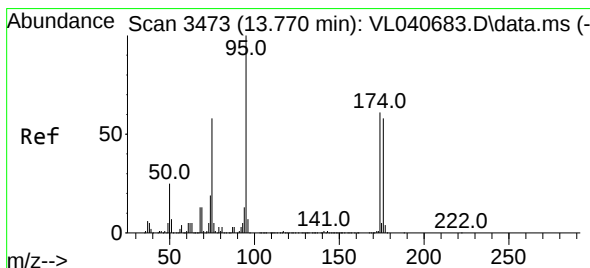
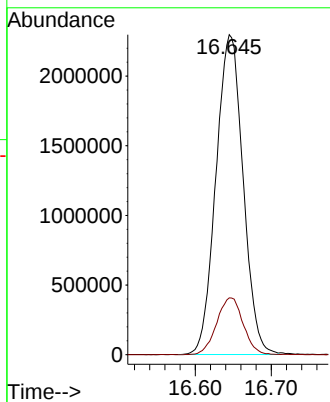
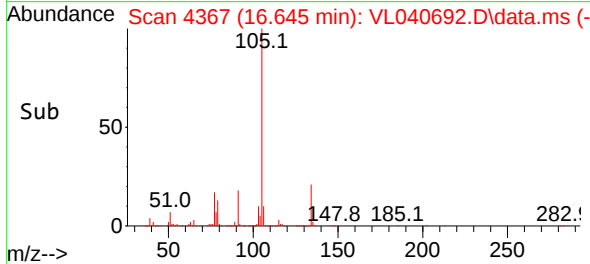
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 568755
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.1 21.1

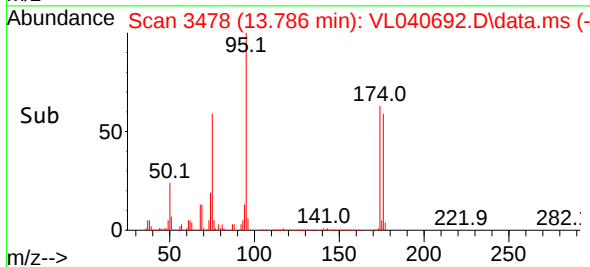
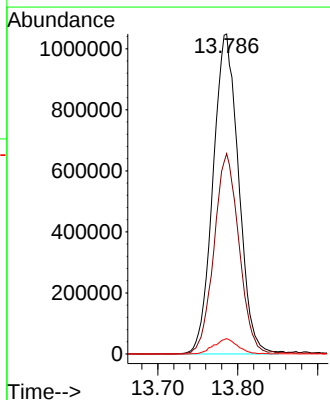
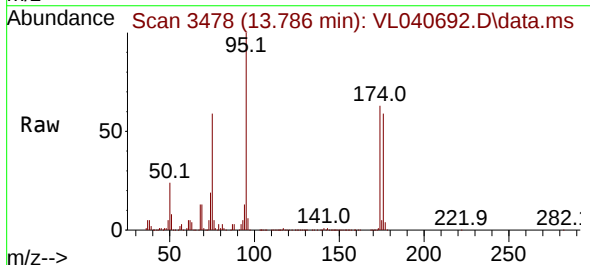
Manual Integrations
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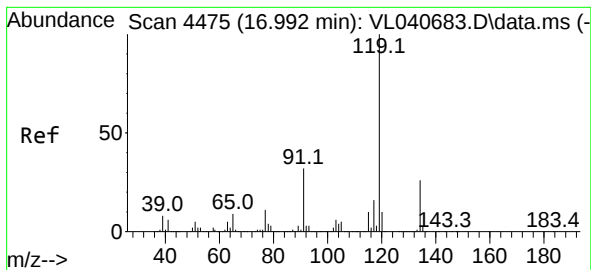
Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.360 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040692.D
 Acq: 18 Sep 2023 9:25

Tgt Ion: 95 Resp: 2322120
 Ion Ratio Lower Upper
 95 100
 174 61.6 48.9 73.3
 175 4.5 3.5 5.3





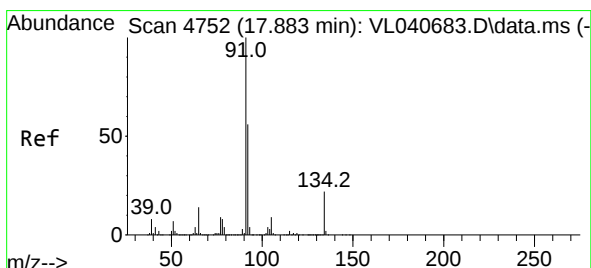
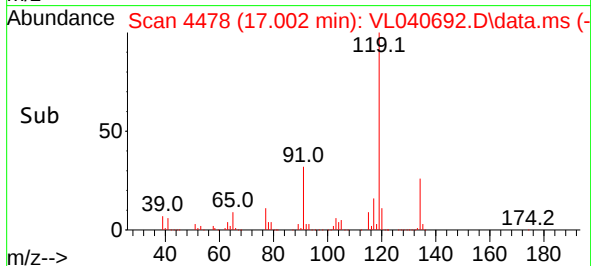
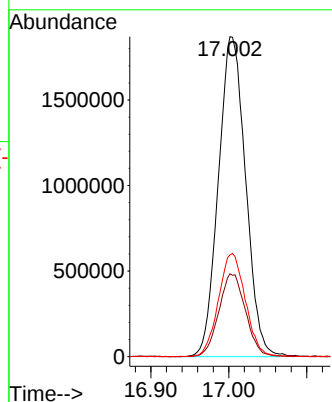
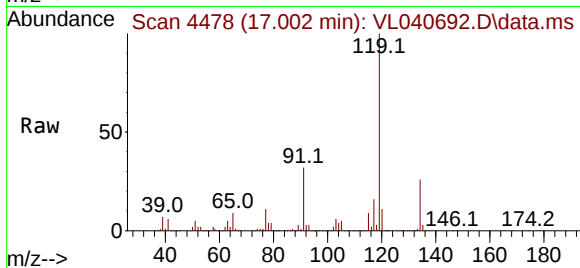
#69
p-Isopropyltoluene
Concen: 10.050 ppbv
RT: 17.002 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4538770
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.2
91 32.0 25.0 37.6

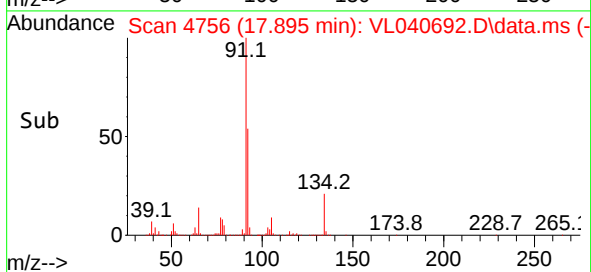
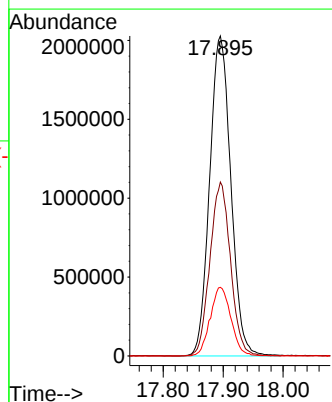
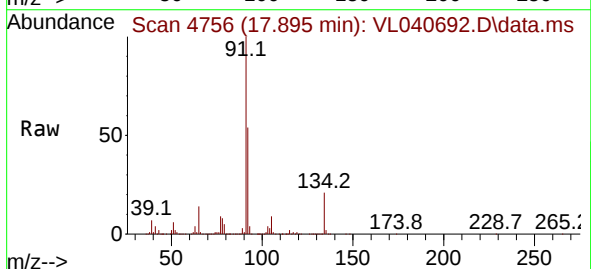
Manual Integrations
APPROVED

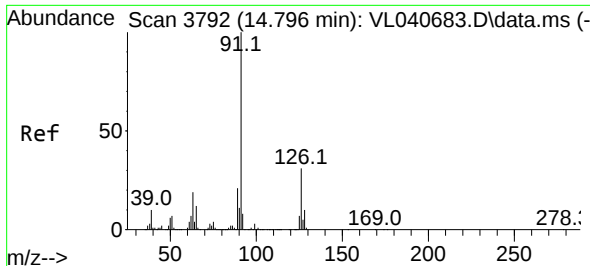
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#70
n-Butylbenzene
Concen: 10.011 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

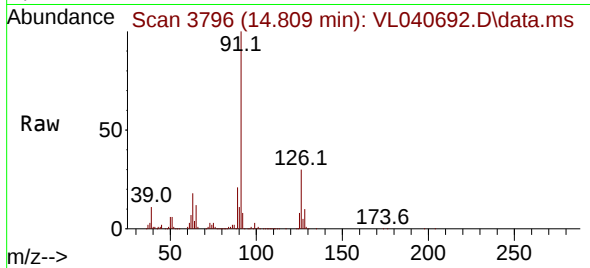
Tgt Ion: 91 Resp: 4976289
Ion Ratio Lower Upper
91 100
92 52.9 42.7 64.1
134 21.1 17.0 25.4





#71
2-Chlorotoluene
Concen: 10.497 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

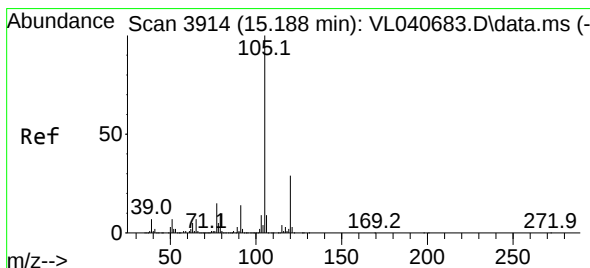
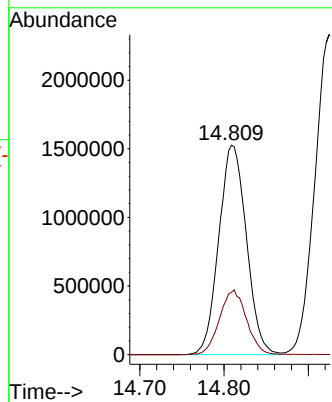
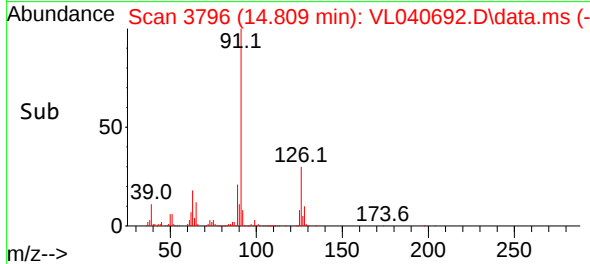
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



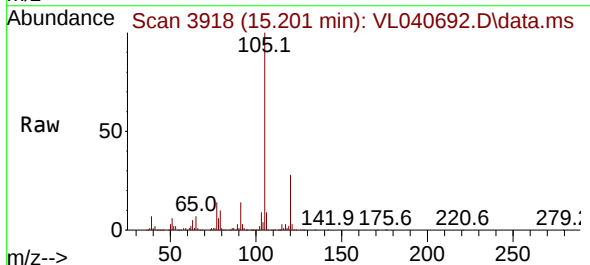
Tgt Ion: 91 Resp: 347339
Ion Ratio Lower Upper
91 100
126 30.2 12.0 47.8

Manual Integrations
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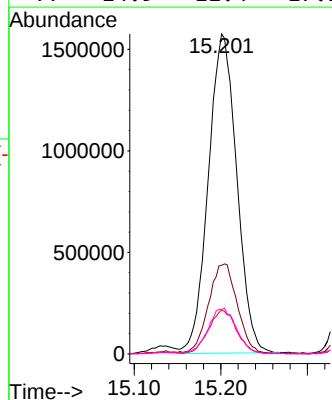
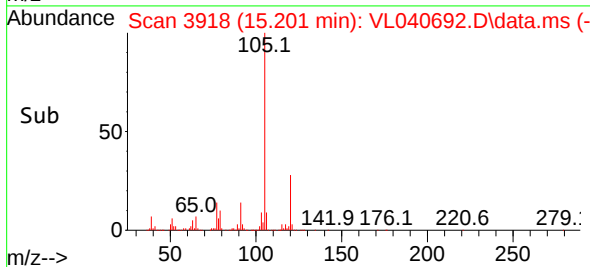
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

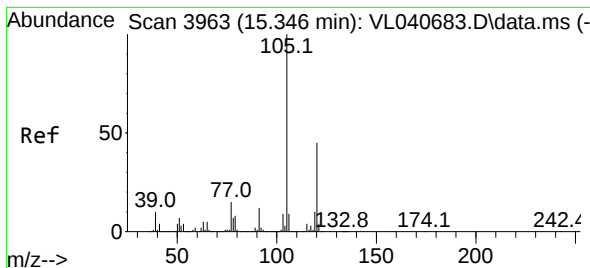


#72
4-Ethyltoluene
Concen: 10.790 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



Tgt Ion:105 Resp: 3584002
Ion Ratio Lower Upper
105 100
120 28.7 23.9 35.9
91 13.7 11.0 16.4
77 14.9 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.375 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 310306

Ion Ratio Lower Upper

105 100

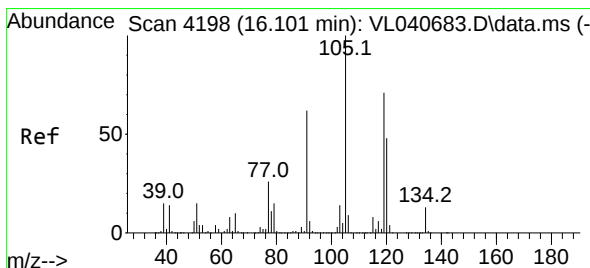
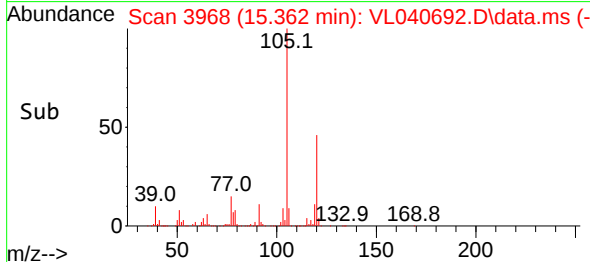
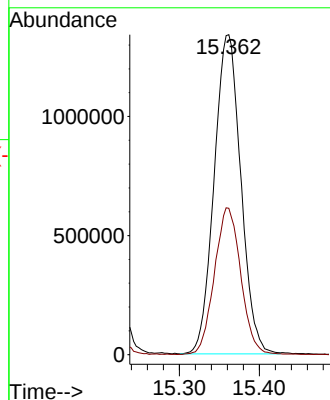
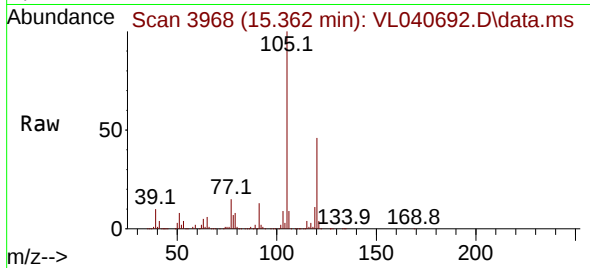
120 45.8 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.776 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Tgt Ion:105 Resp: 3564598

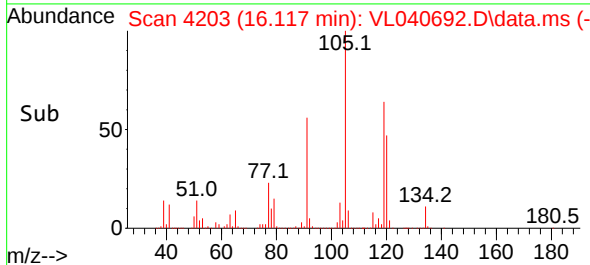
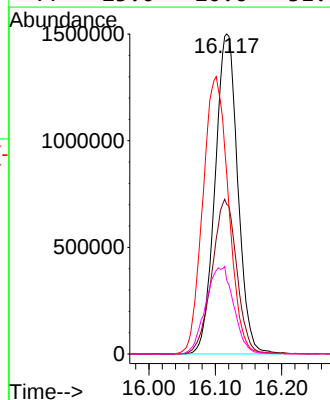
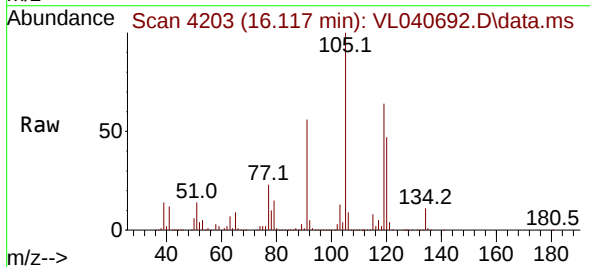
Ion Ratio Lower Upper

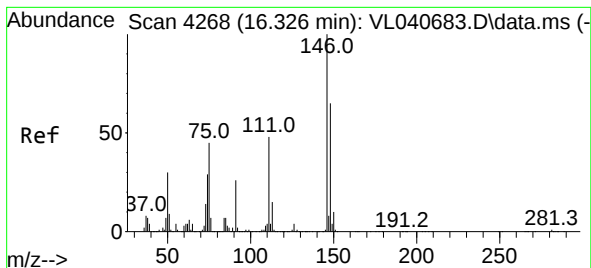
105 100

120 46.7 38.6 57.8

91 55.9 50.0 75.0

77 23.0 20.6 31.0





#75

1,3-Dichlorobenzene

Concen: 9.589 ppbv

RT: 16.339 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1992039

Ion Ratio Lower Upper

146 100

111 48.4 23.9 71.7

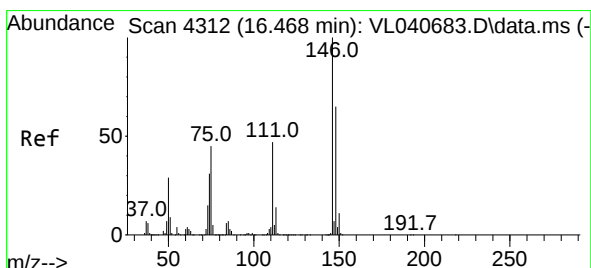
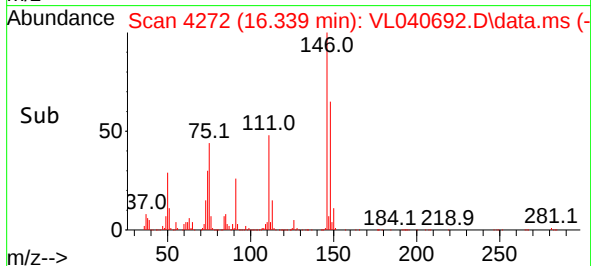
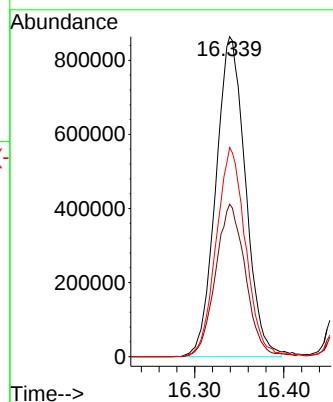
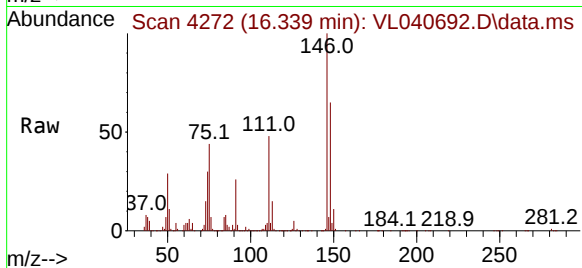
148 65.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023



#76

1,4-Dichlorobenzene

Concen: 9.452 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL040692.D

Acq: 18 Sep 2023 9:25

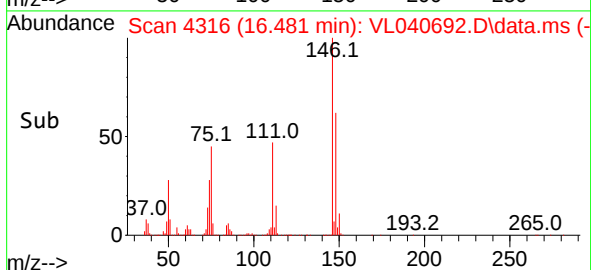
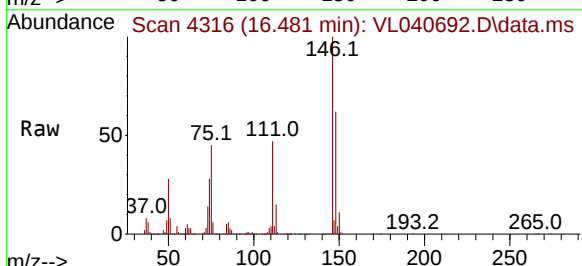
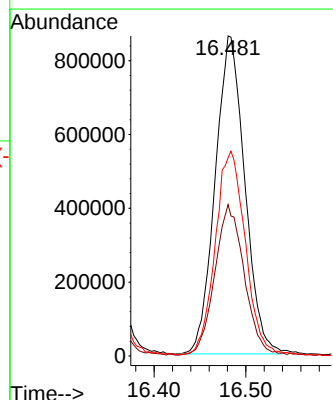
Tgt Ion:146 Resp: 1932022

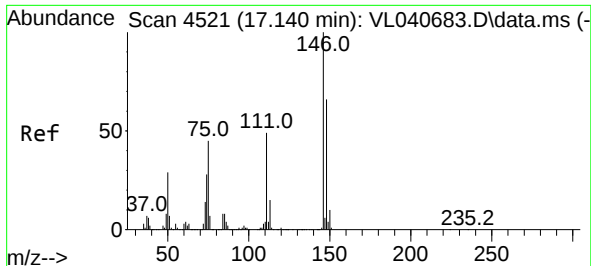
Ion Ratio Lower Upper

146 100

111 47.9 23.8 71.2

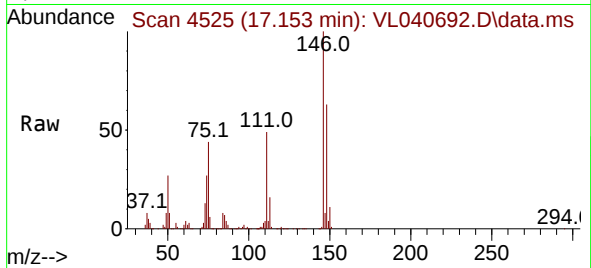
148 66.4 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.217 ppbv
RT: 17.153 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

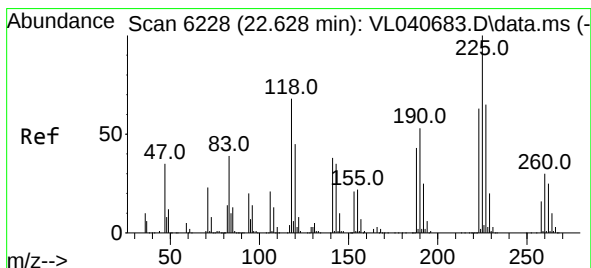
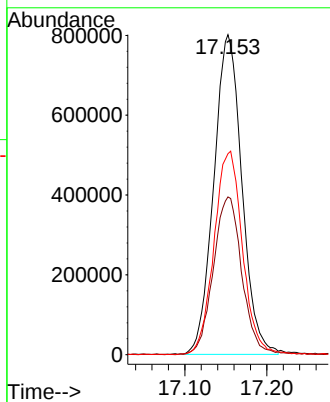
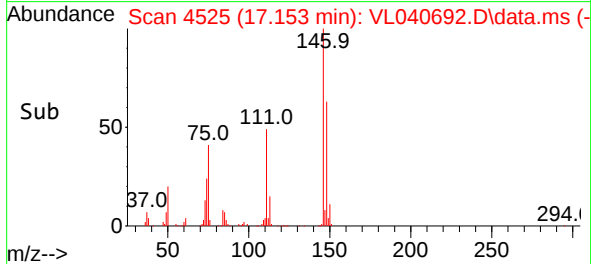
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



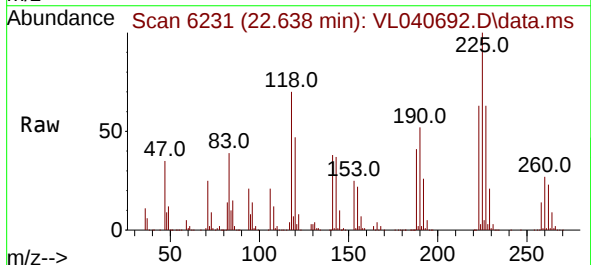
Tgt Ion:146 Resp: 1907183
Ion Ratio Lower Upper
146 100
111 50.5 25.0 75.0
148 64.4 32.4 97.0

Manual Integrations
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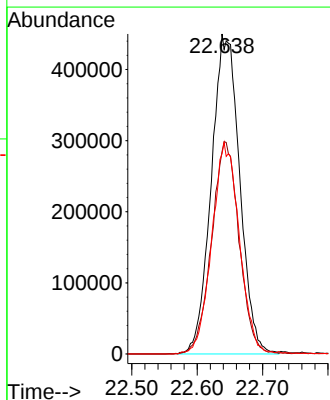
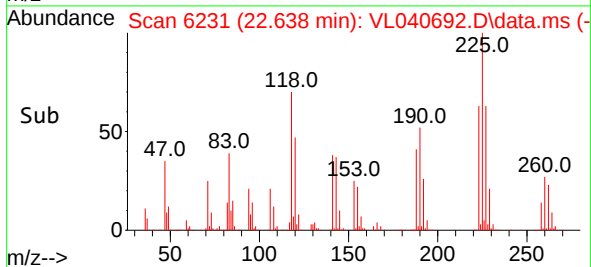
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

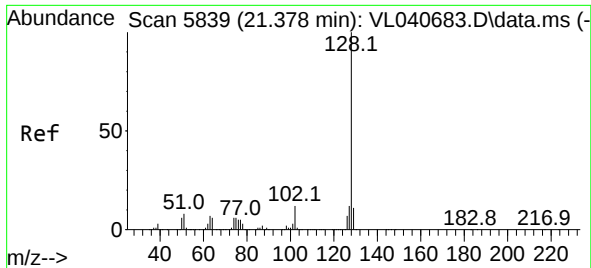


#78
Hexachloro-1,3-Butadiene
Concen: 8.643 ppbv m
RT: 22.638 min Scan# 6231
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



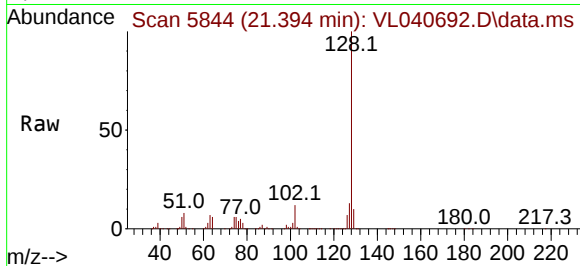
Tgt Ion:225 Resp: 1353110
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 0.0 50.7 76.1#





#79
Naphthalene
Concen: 11.810 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25

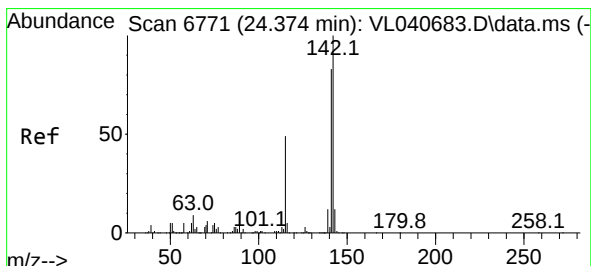
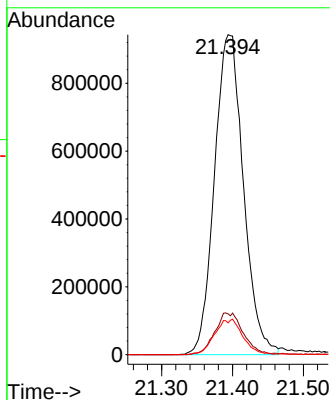
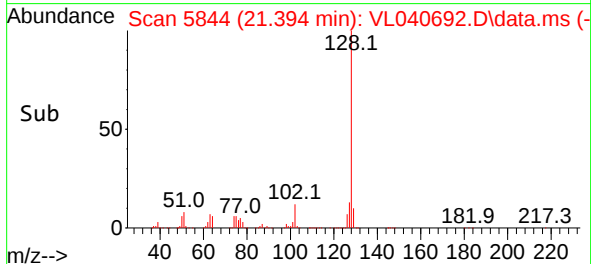
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



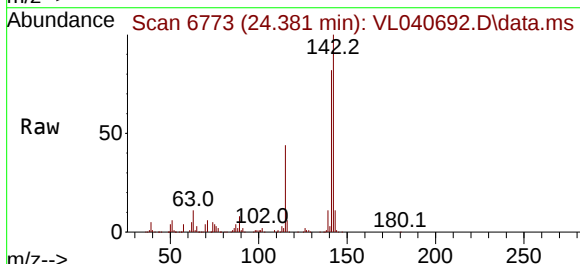
Tgt Ion:128 Resp: 2679554
Ion Ratio Lower Upper
128 100
127 12.8 9.8 14.6
129 9.9 8.4 12.6

Manual Integrations
APPROVED

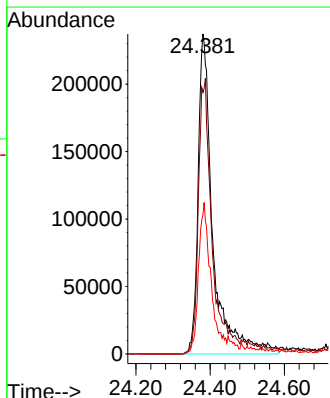
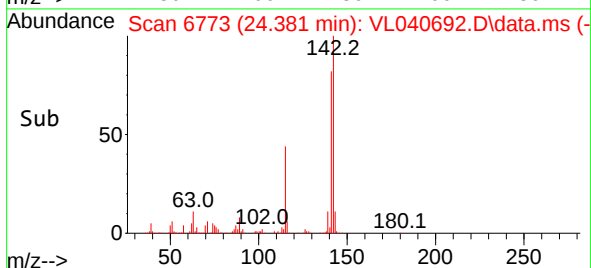
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

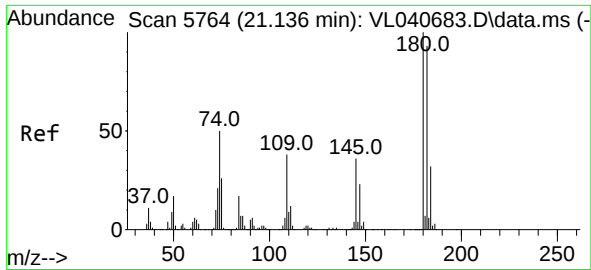


#80
Naphthalene,2-methyl-
Concen: 11.838 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.000 min
Lab File: VL040692.D
Acq: 18 Sep 2023 9:25



Tgt Ion:142 Resp: 657865
Ion Ratio Lower Upper
142 100
141 81.8 67.0 100.6
115 42.0 37.4 56.2





#81

1,2,4-Trichlorobenzene

Concen: 9.711 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040692.D

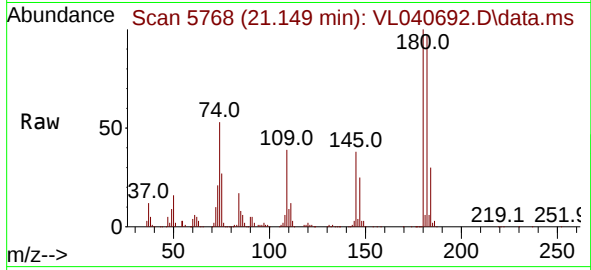
Acq: 18 Sep 2023 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 143923

Ion Ratio Lower Upper

180 100

182 96.6 77.9 116.9

184 31.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023

Supervised By :Mahesh Dadoda 09/19/2023

