

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040526.D
 Acq On : 11 Jul 2023 10:02
 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 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 14:57:00 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	951561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2375147	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2310103	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1880796 10.287 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	2042369	10.730	ppbv	100
3) Chlorodifluoromethane	2.684	51	1496238	9.920	ppbv	96
4) Chloromethane	2.822	50	578521	9.682	ppbv	93
5) Vinyl Chloride	2.928	62	606180	9.662	ppbv	99
6) Bromomethane	3.128	94	101790	3.844	ppbv	100
7) Chloroethane	3.205	64	225237	10.232	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1594749	10.184	ppbv	99
9) Propene	2.703	41	466096	9.027	ppbv	100
10) Heptane	7.584	43	1200070	10.525	ppbv	99
11) Trichlorofluoromethane	3.568	101	1663795	10.833	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.070	101	1176484	10.877	ppbv	95
13) Ethanol	3.247	45	110178	9.807	ppbv	99
14) Bromoethene	3.372	108	511499	10.998	ppbv	98
15) Acetone	3.472	43	1104699	10.086	ppbv	99
16) 1,3-Butadiene	2.993	39	582195	10.536	ppbv	98
17) tert-Butyl alcohol	3.883	59	1236341	10.913	ppbv	99
18) 1,1-Dichloroethene	3.886	96	539049	10.840	ppbv	98
19) Isopropyl Alcohol	3.581	45	643463	10.233	ppbv #	95
20) Methylene Chloride	3.938	84	470924	10.108	ppbv	97
21) Allyl Chloride	4.002	41	346093	5.533	ppbv	90
22) trans-1,2-Dichloroethene	4.452	96	548153	11.173	ppbv	94
23) Vinyl Acetate	4.632	43	777522	7.451	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1124208	10.614	ppbv	99
25) Ethyl Acetate	5.211	43	2113680	10.136	ppbv	99
26) Hexane	5.221	57	948603	9.792	ppbv	97
27) Carbon Disulfide	4.131	76	1312769	11.520	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	797127	10.221	ppbv	99
29) Chloroform	5.282	83	1673344	10.414	ppbv	97
30) Cyclohexane	6.607	84	805476	9.992	ppbv	97
31) cis-1,2-Dichloroethene	5.086	61	978205	10.216	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1672675	10.639	ppbv	99
34) 2-Butanone	4.790	43	1280737	10.913	ppbv	98
35) Carbon Tetrachloride	6.501	117	1740222	12.174	ppbv	98
36) Benzene	6.378	78	1983528	10.379	ppbv	96
37) 1,2-Dichloroethane	5.812	62	1271728	11.311	ppbv	97
38) Trichloroethene	7.298	130	831855	11.508	ppbv	93
39) 1,2-Dichloropropane	7.082	63	766216	10.415	ppbv	93
40) 1,4-Dioxane	7.291	88	229857	9.989	ppbv #	86
41) Tetrahydrofuran	5.562	42	718169	10.486	ppbv	99
42) Bromodichloromethane	7.256	83	1823394	11.661	ppbv	97
43) Methyl Methacrylate	7.481	69	815613	11.402	ppbv	96
44) 2,2,4-Trimethylpentane	7.337	57	3274567	10.650	ppbv	97
45) t-1,3-Dichloropropene	8.719	75	144736	3.154	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040526.D
 Acq On : 11 Jul 2023 10:02
 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 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 14:57:00 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

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

QLast Update : Mon Jul 10 16:32:00 2023

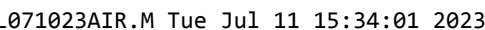
Response via : Initial Calibration

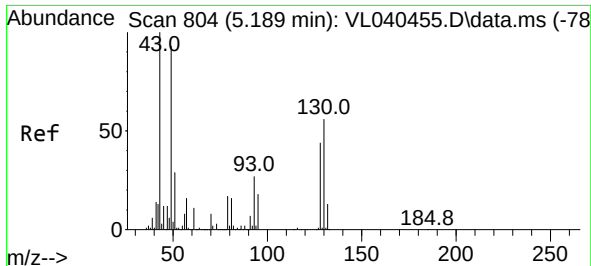
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	193917	3.294	ppbv	96
47) 1,1,2-Trichloroethane	8.906	97	861958	10.619	ppbv	99
48) Dibromochloromethane	9.719	129	1488986	11.865	ppbv	100
49) Bromoform	12.413	173	1233944	12.402	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	1911327	11.208	ppbv	96
51) 2-Hexanone	9.555	43	1370815	11.368	ppbv #	96
52) Tetrachloroethene	10.626	164	723800	11.695	ppbv	97
53) Toluene	9.227	91	2337314	11.259	ppbv	100
54) 1,2-Dibromoethane	10.018	107	960603	9.521	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1157182	11.185	ppbv	96
57) Chlorobenzene	11.536	112	1896548	10.527	ppbv	95
58) Ethyl Benzene	12.095	91	3352614	11.565	ppbv	98
59) m/p-Xylene	12.381	91	5957644m	23.025	ppbv	
60) o-Xylene	13.066	91	2902286	11.774	ppbv	98
61) Styrene	12.909	104	1386690	12.196	ppbv	98
62) Isopropylbenzene	14.037	105	4216848	11.414	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.057	83	1935373	11.212	ppbv	100
64) n-propylbenzene	14.925	120	1121151	11.729	ppbv	93
65) tert-Butylbenzene	16.098	119	3851847	11.777	ppbv	96
66) Benzyl Chloride	16.336	91	46439	2.007	ppbv #	80
67) sec-Butylbenzene	16.642	105	5626832	11.709	ppbv	99
69) p-Isopropyltoluene	17.005	119	4761800	11.991	ppbv	98
70) n-Butylbenzene	17.896	91	5462070	12.333	ppbv	99
71) 2-Chlorotoluene	14.806	91	3383205	11.882	ppbv	99
72) 4-Ethyltoluene	15.201	105	3580240	12.391	ppbv	97
73) 1,3,5-Trimethylbenzene	15.359	105	3130935	12.293	ppbv	98
74) 1,2,4-Trimethylbenzene	16.118	105	3605219	12.141	ppbv	92
75) 1,3-Dichlorobenzene	16.339	146	2079660	11.551	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	2065406	11.700	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	2000040	11.618	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	1703079	10.534	ppbv	99
79) Naphthalene	21.391	128	3377291	13.442	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	1304464	12.592	ppbv	97
81) 1,2,4-Trichlorobenzene	21.149	180	2042863	11.799	ppbv	99

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

Manual Integrations APPROVED

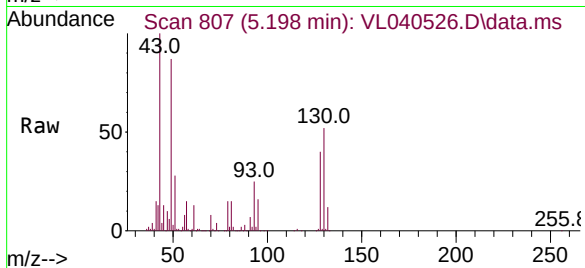
Quant Time: Jul 11 14:57:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

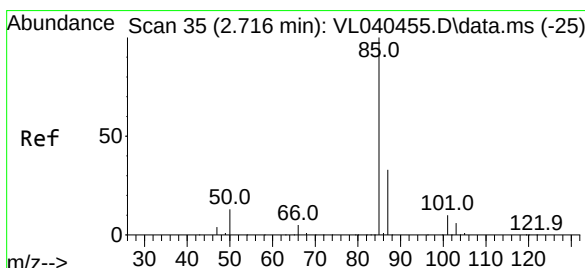
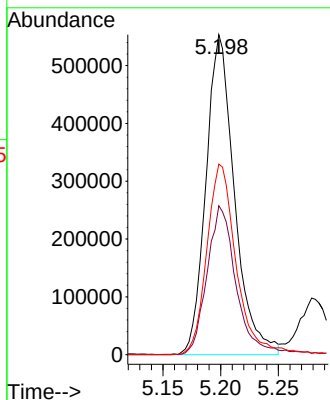
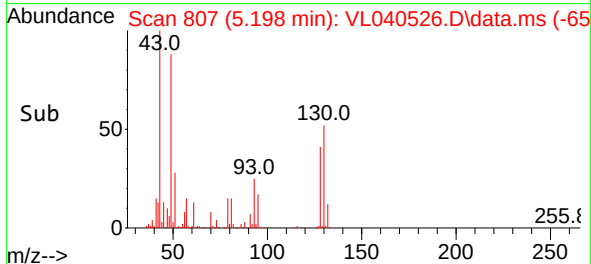
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



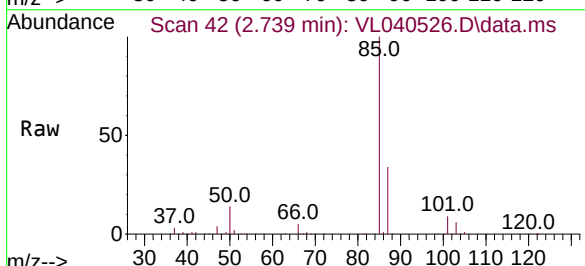
Tgt Ion: 49 Resp: 95156
Ion Ratio Lower Upper
49 100
128 48.5 25.1 75.4
130 62.5 31.6 94.7

Manual Integrations
APPROVED

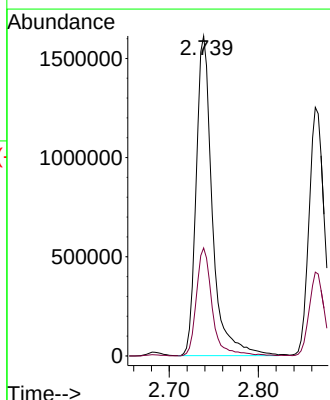
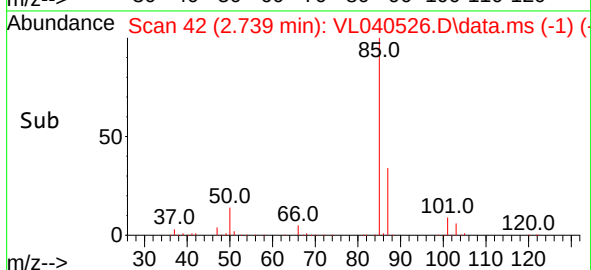
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

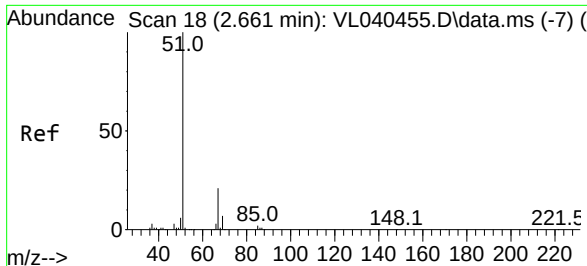


#2
Dichlorodifluoromethane
Concen: 10.730 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



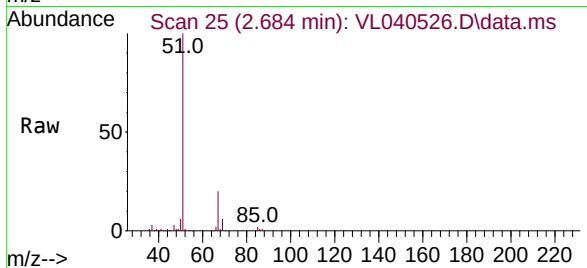
Tgt Ion: 85 Resp: 2042369
Ion Ratio Lower Upper
85 100
87 33.8 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.920 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

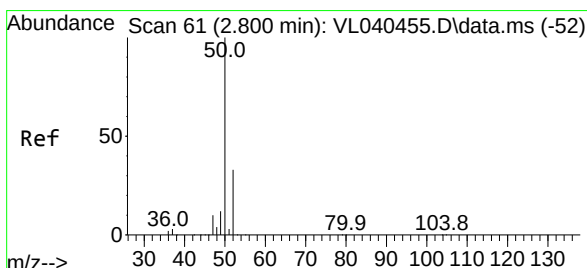
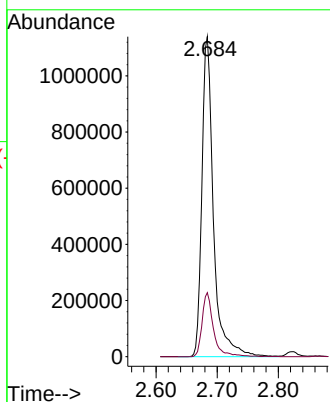
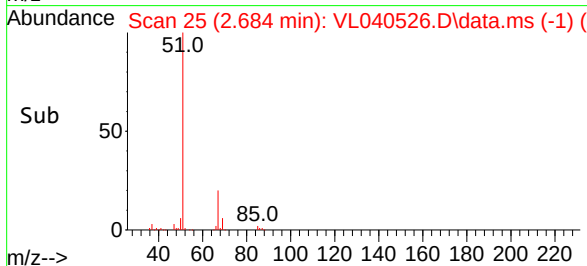
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1496238
Ion Ratio Lower Upper
51 100
67 19.9 14.6 21.8

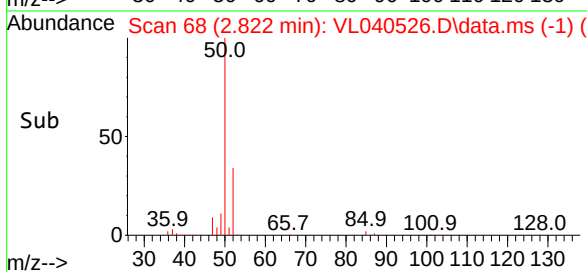
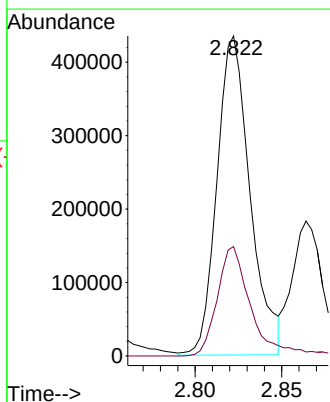
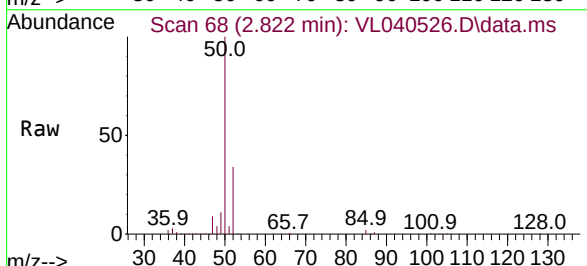
Manual Integrations
APPROVED

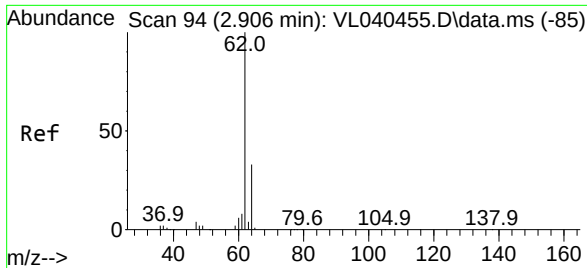
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Chloromethane
Concen: 9.682 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

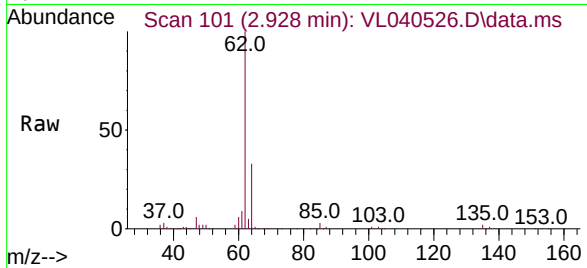
Tgt Ion: 50 Resp: 578521
Ion Ratio Lower Upper
50 100
52 34.5 24.4 36.6





#5
 Vinyl Chloride
 Concen: 9.662 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

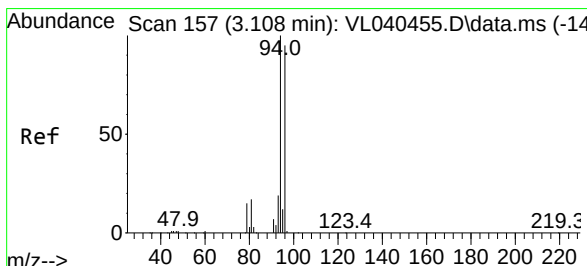
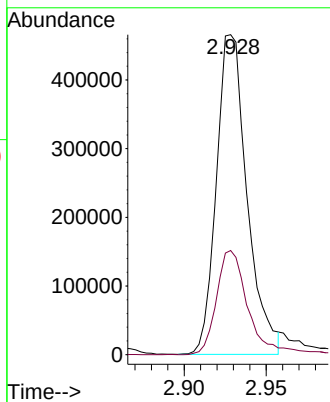
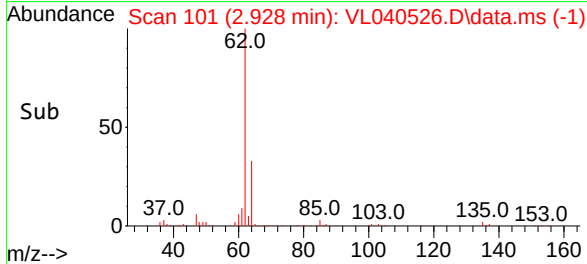
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



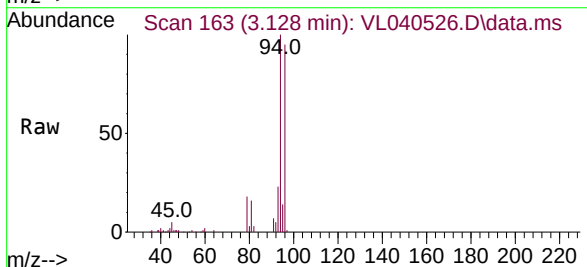
Tgt Ion: 62 Resp: 606180
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.4 39.6

Manual Integrations
 APPROVED

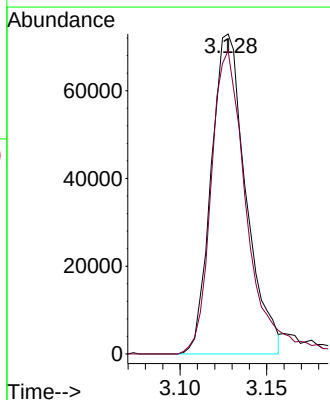
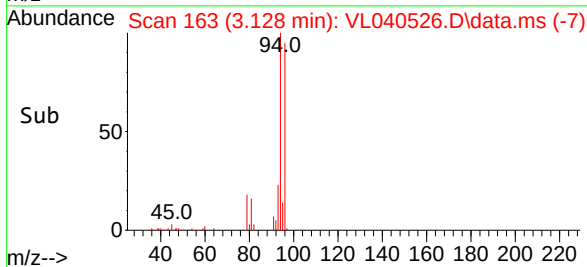
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

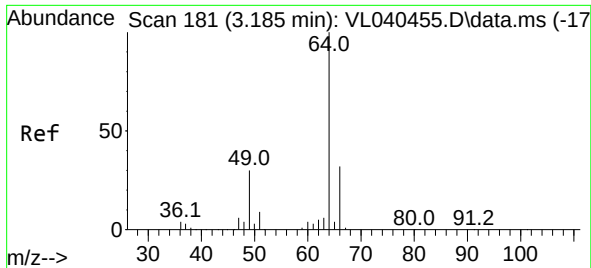


#6
 Bromomethane
 Concen: 3.844 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02



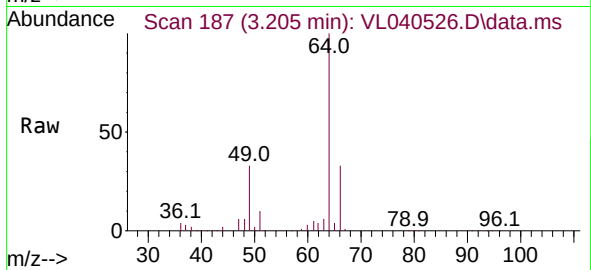
Tgt Ion: 94 Resp: 101790
 Ion Ratio Lower Upper
 94 100
 96 94.8 75.7 113.5





#7
Chloroethane
Concen: 10.232 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

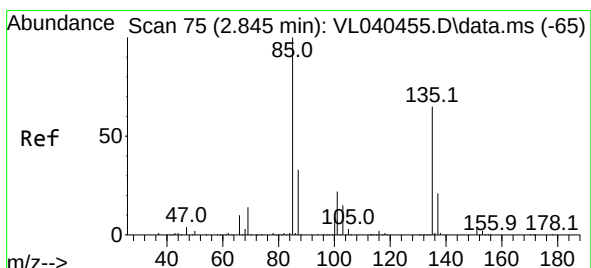
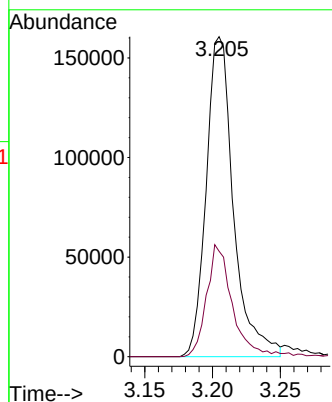
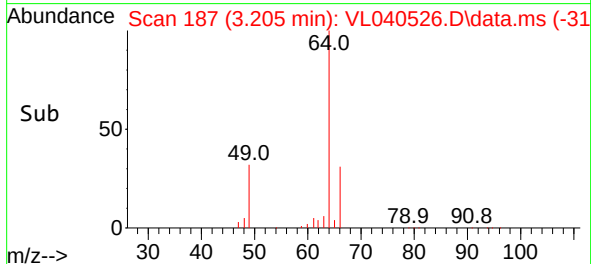
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 22523
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

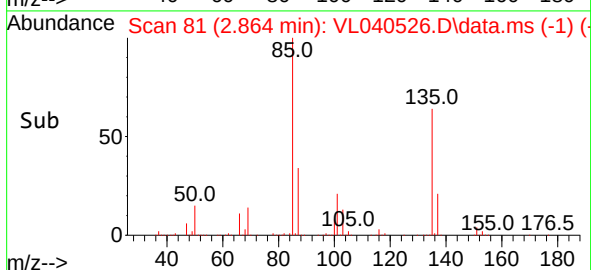
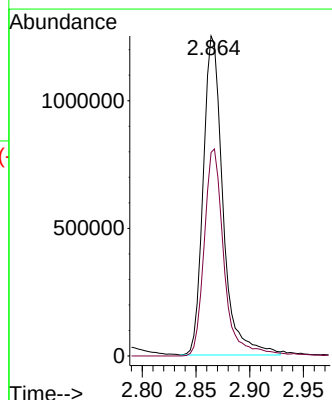
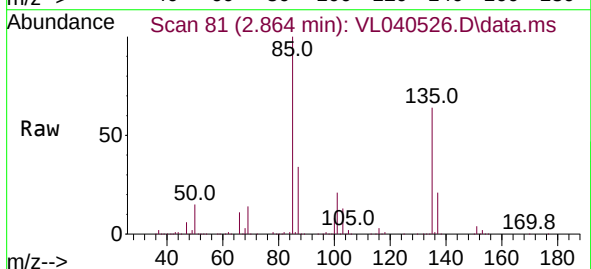
Manual Integrations
APPROVED

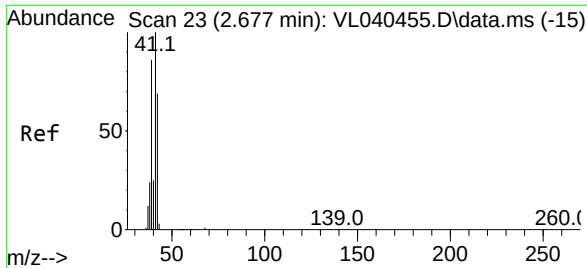
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Dichlorotetrafluoroethane
Concen: 10.184 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

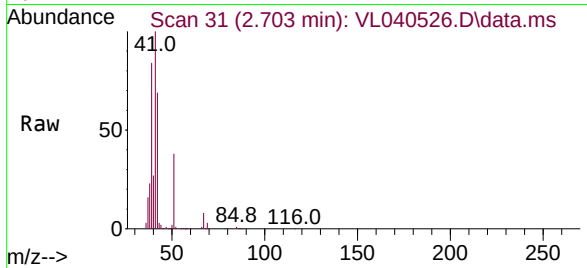
Tgt Ion: 85 Resp: 1594749
Ion Ratio Lower Upper
85 100
135 66.2 52.4 78.6





#9
 Propene
 Concen: 9.027 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

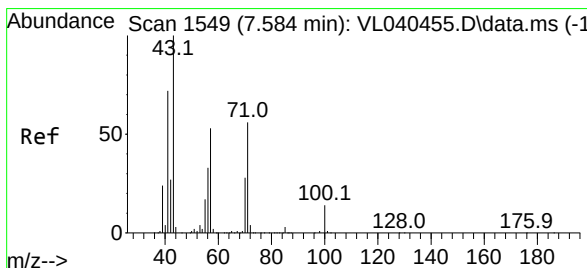
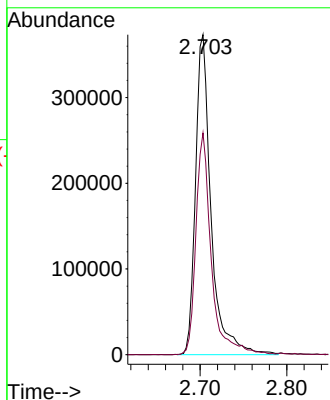
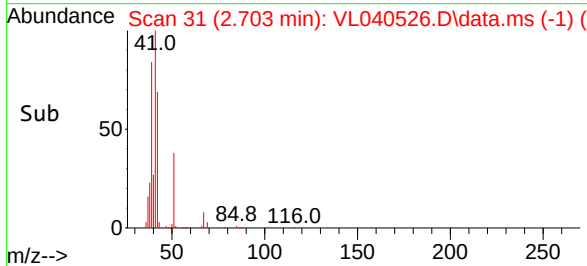
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 466090
 Ion Ratio Lower Upper
 41 100
 42 68.5 55.0 82.6

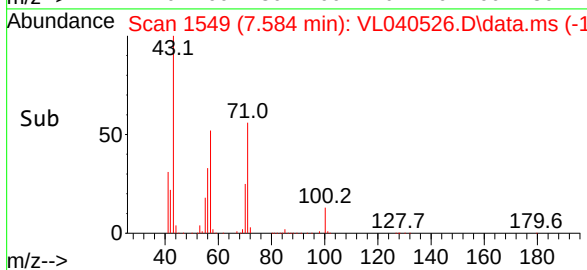
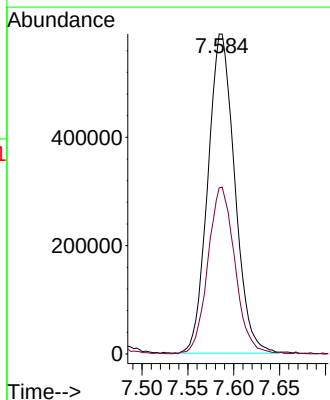
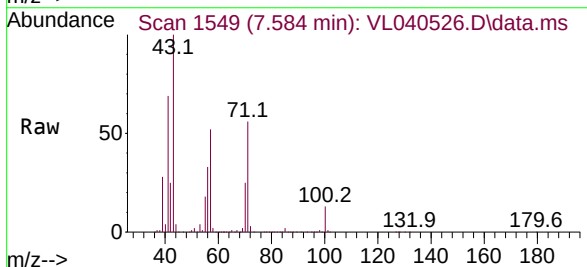
Manual Integrations
 APPROVED

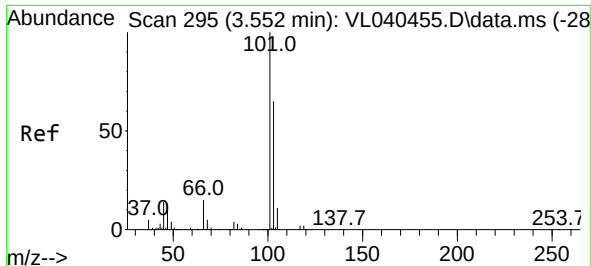
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#10
 Heptane
 Concen: 10.525 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

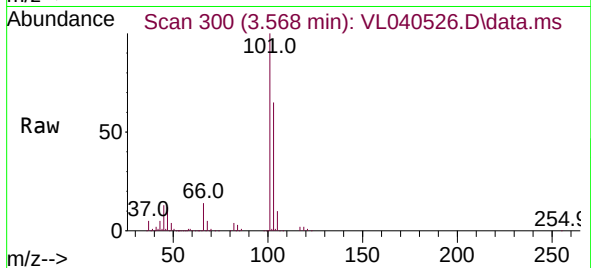
Tgt Ion: 43 Resp: 1200070
 Ion Ratio Lower Upper
 43 100
 57 52.6 42.5 63.7





#11
Trichlorofluoromethane
Concen: 10.833 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

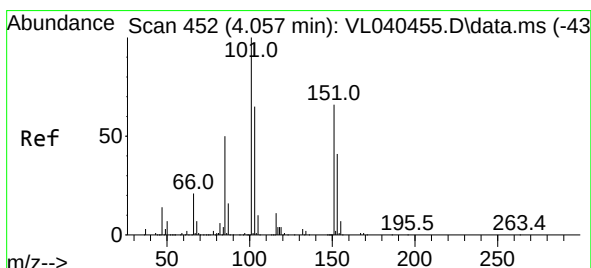
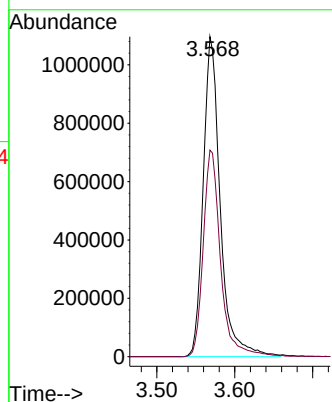
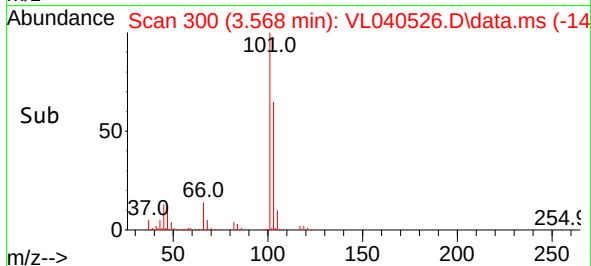
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



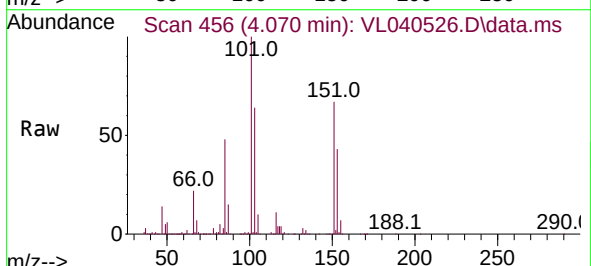
Tgt Ion:101 Resp: 166379
Ion Ratio Lower Upper
101 100
103 64.5 53.4 80.0

Manual Integrations
APPROVED

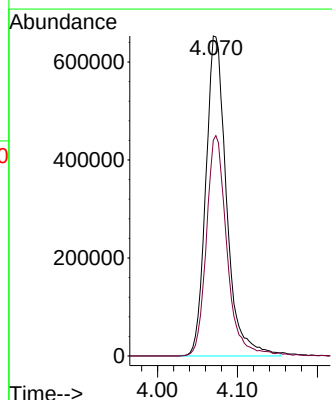
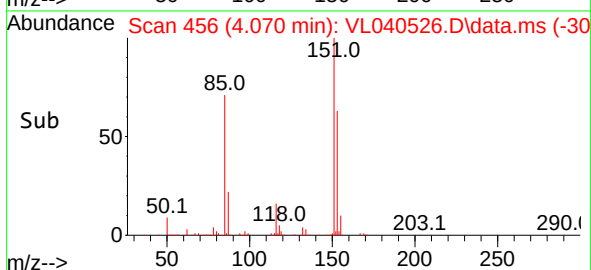
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

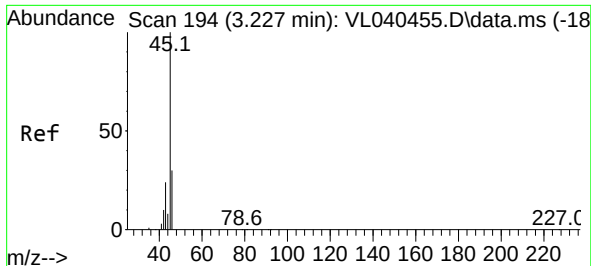


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.877 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



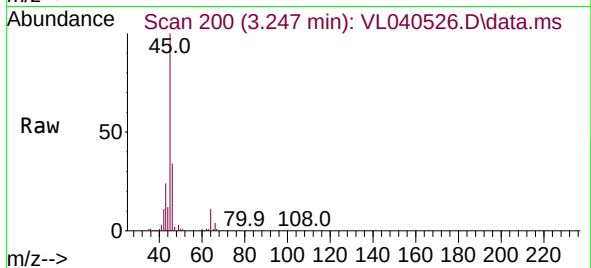
Tgt Ion:101 Resp: 1176484
Ion Ratio Lower Upper
101 100
151 68.7 58.2 87.4





#13
Ethanol
Concen: 9.807 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

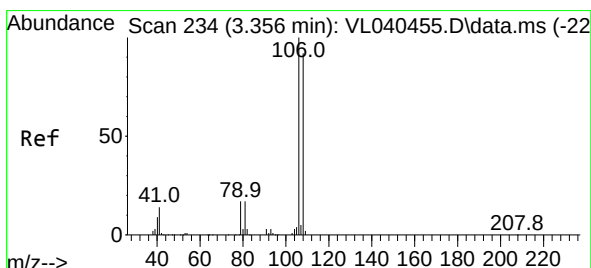
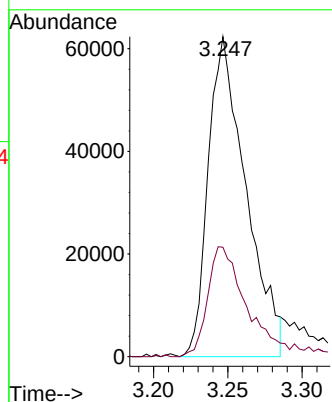
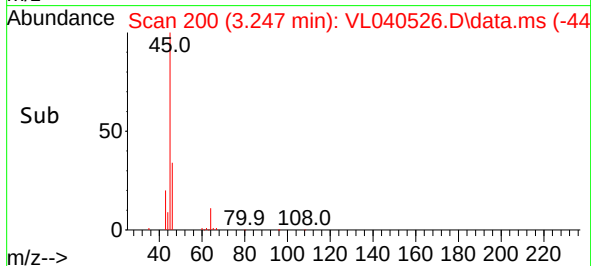
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



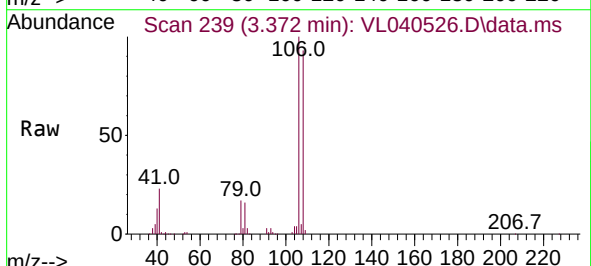
Tgt Ion: 45 Resp: 110178
Ion Ratio Lower Upper
45 100
46 37.4 15.3 61.1

Manual Integrations
APPROVED

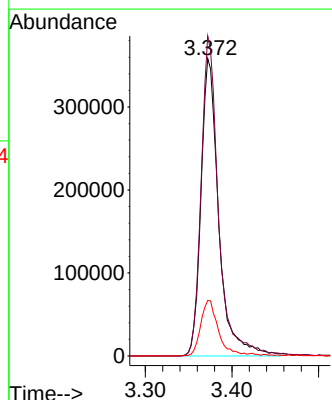
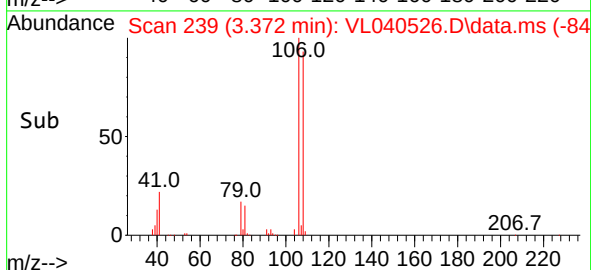
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

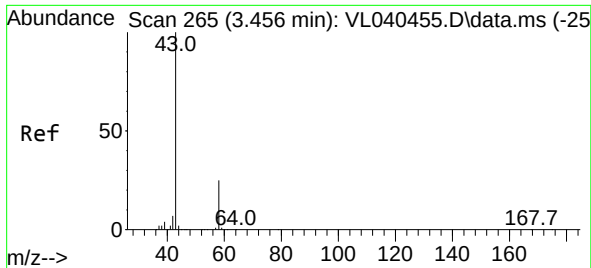


#14
Bromoethene
Concen: 10.998 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



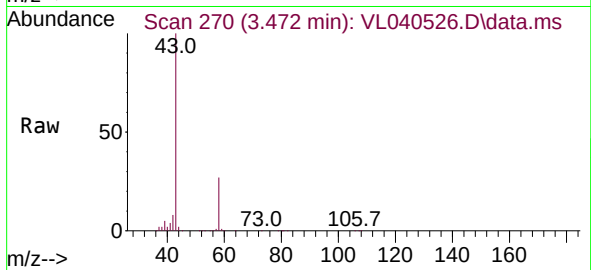
Tgt Ion:108 Resp: 511499
Ion Ratio Lower Upper
108 100
106 106.2 87.2 130.8
79 19.6 15.3 22.9





#15
Acetone
Concen: 10.086 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

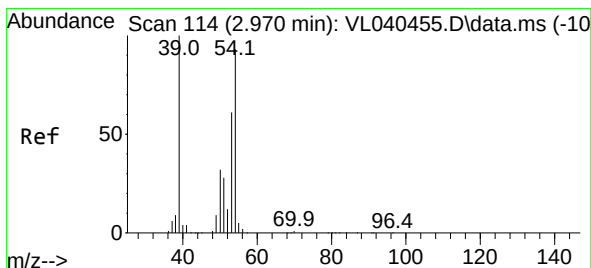
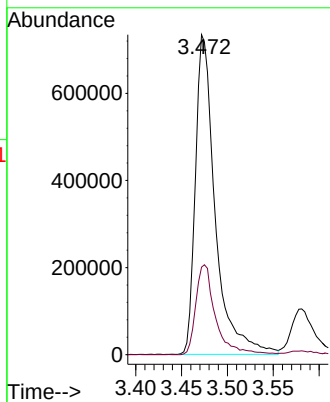
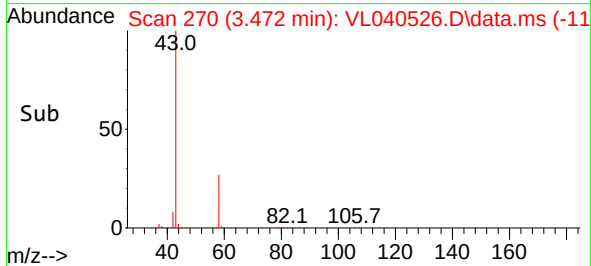
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1104699
Ion Ratio Lower Upper
43 100
58 27.9 22.9 34.3

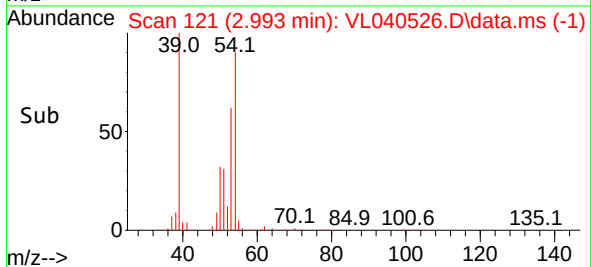
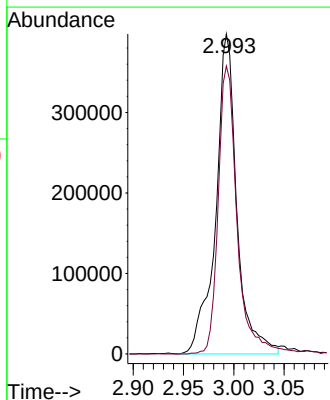
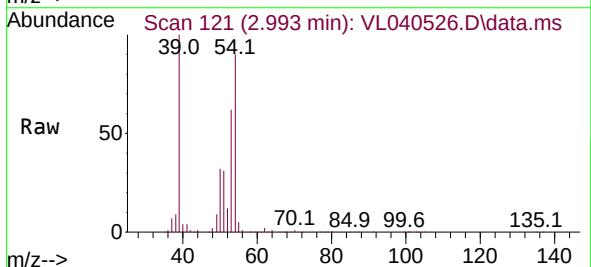
Manual Integrations
APPROVED

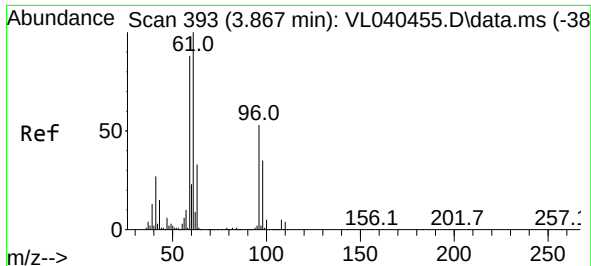
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
1,3-Butadiene
Concen: 10.536 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Tgt Ion: 39 Resp: 582195
Ion Ratio Lower Upper
39 100
54 81.4 66.6 100.0





#17

tert-Butyl alcohol

Concen: 10.913 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 123634

Ion Ratio Lower Upper

59 100

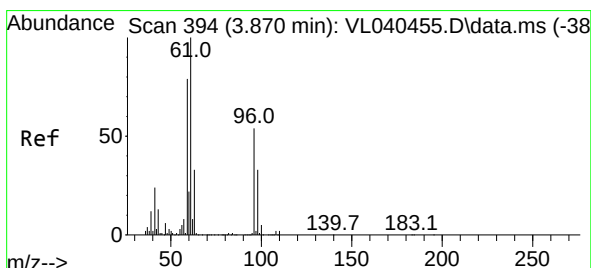
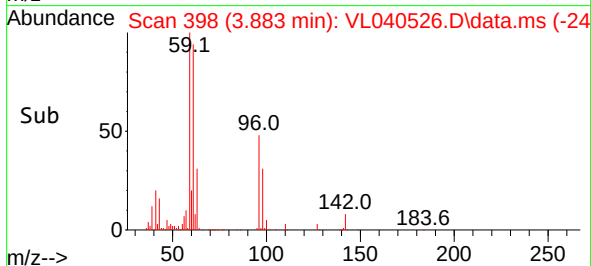
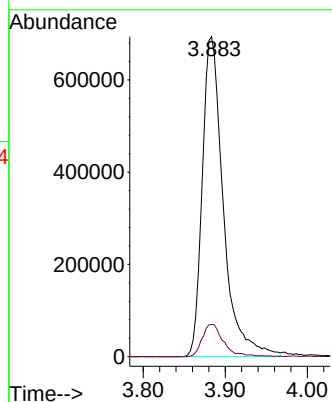
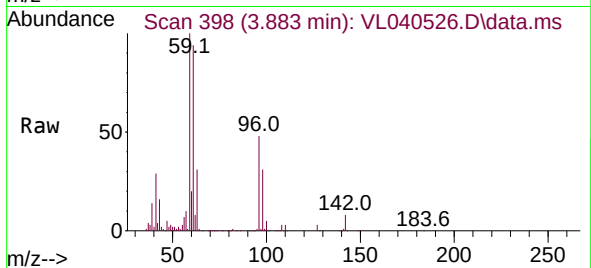
57 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#18

1,1-Dichloroethene

Concen: 10.840 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

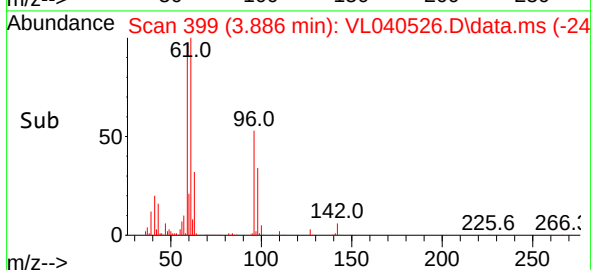
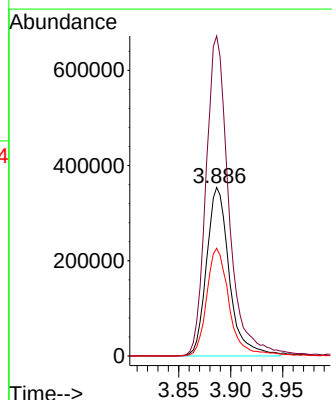
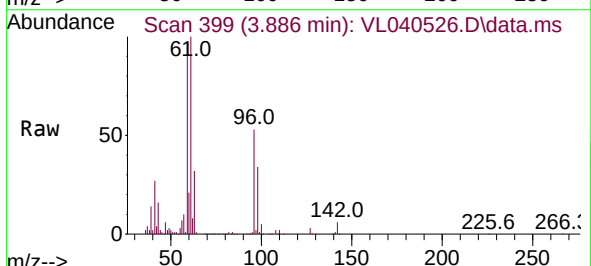
Tgt Ion: 96 Resp: 539049

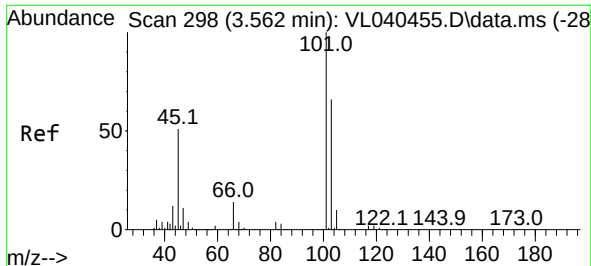
Ion Ratio Lower Upper

96 100

61 189.7 154.4 231.6

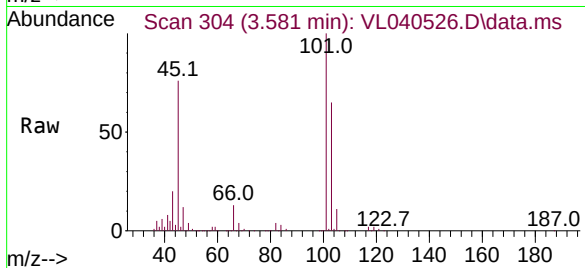
98 63.8 50.0 75.0





#19
Isopropyl Alcohol
Concen: 10.233 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

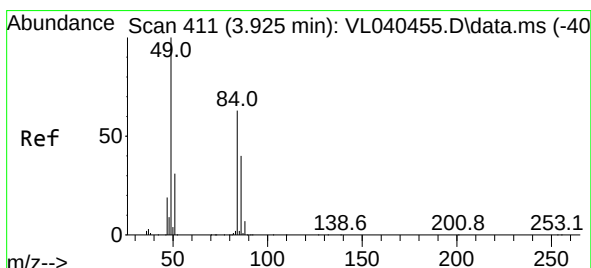
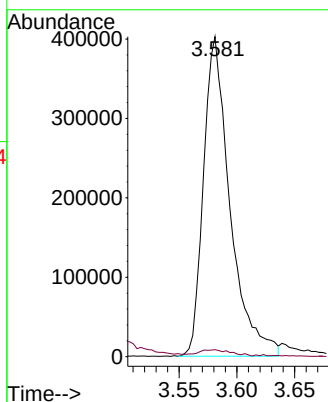
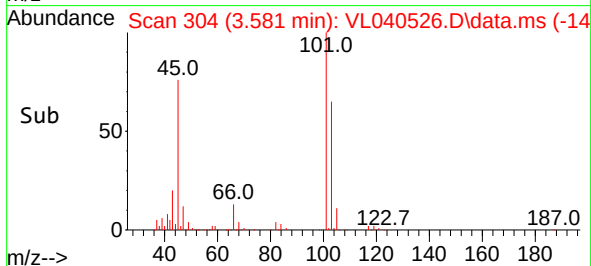
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 64346
Ion Ratio Lower Upper
45 100
58 3.4 1.1 1.7

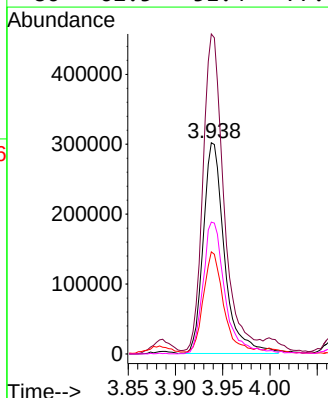
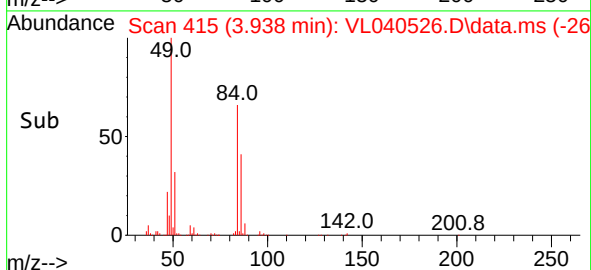
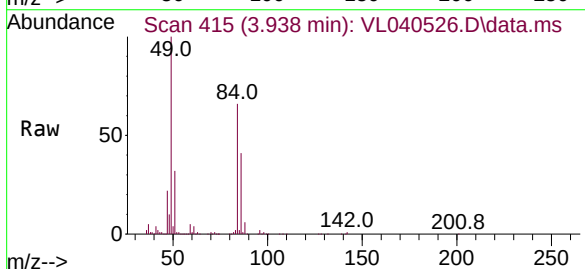
Manual Integrations
APPROVED

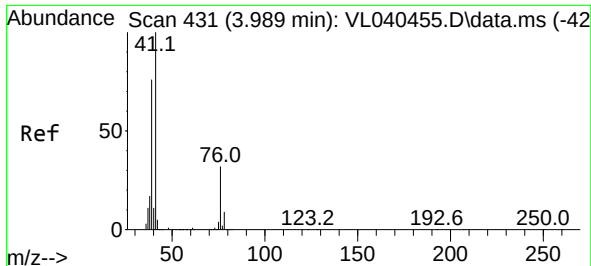
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 10.108 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

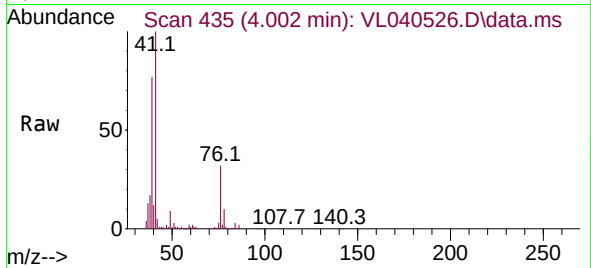
Tgt Ion: 84 Resp: 470924
Ion Ratio Lower Upper
84 100
49 150.0 123.4 185.2
51 47.3 38.3 57.5
86 62.5 51.4 77.0





#21
 Allyl Chloride
 Concen: 5.533 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

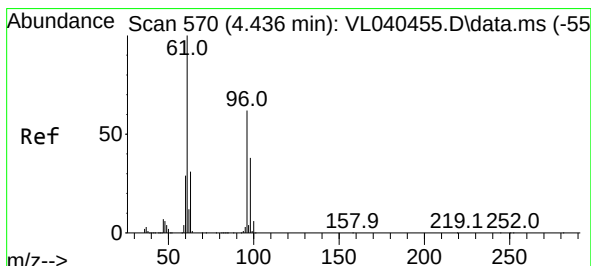
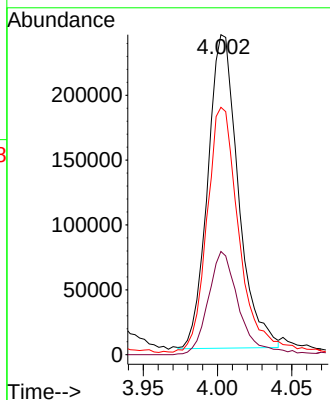
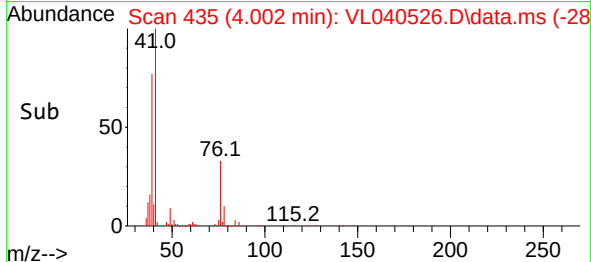
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 34609
 Ion Ratio Lower Upper
 41 100
 76 33.6 24.8 37.2
 39 85.6 60.6 91.0

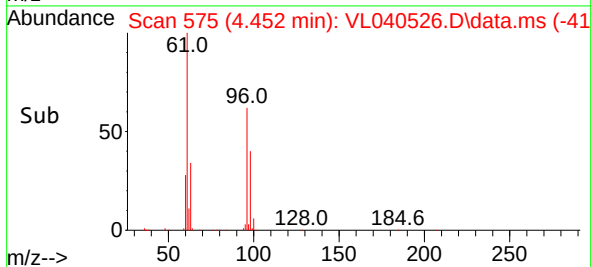
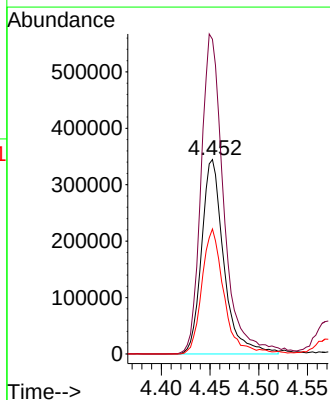
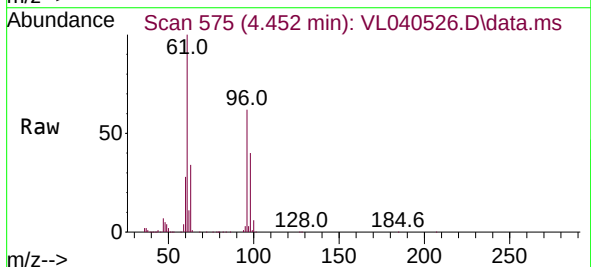
Manual Integrations
 APPROVED

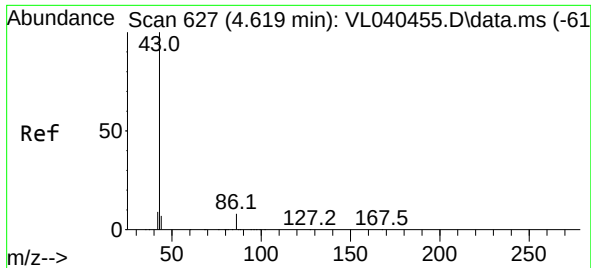
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 11.173 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

Tgt Ion: 96 Resp: 548153
 Ion Ratio Lower Upper
 96 100
 61 161.7 137.7 206.5
 98 64.3 52.9 79.3





#23
 Vinyl Acetate
 Concen: 7.451 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

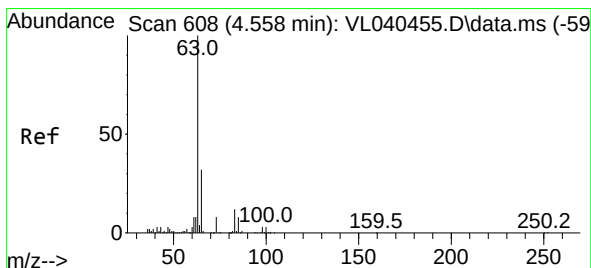
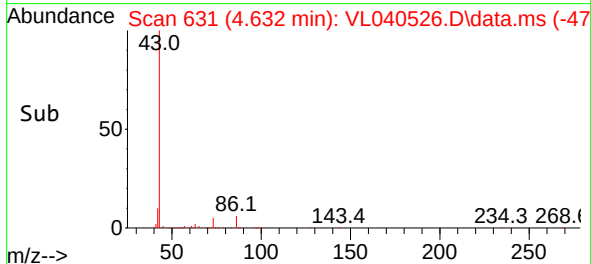
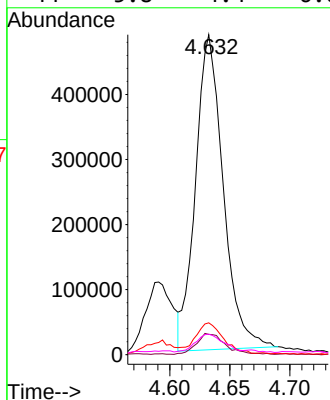
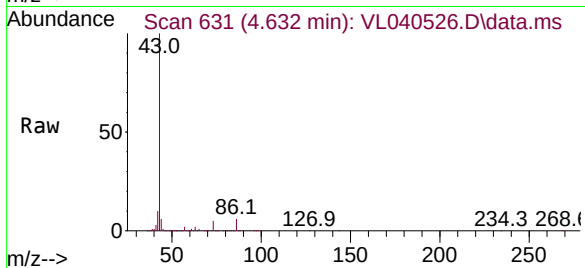
VSTDCCC010EC

Tgt Ion: 43 Resp: 77752
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.6 8.4
 42 9.7 7.4 11.2
 44 5.8 4.4 6.6

Manual Integrations

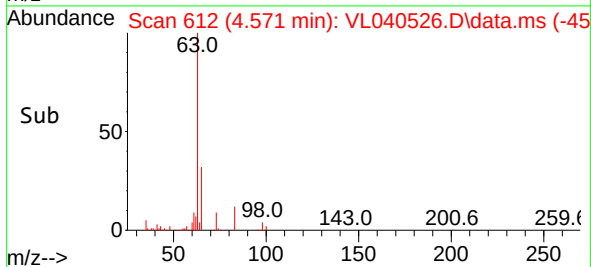
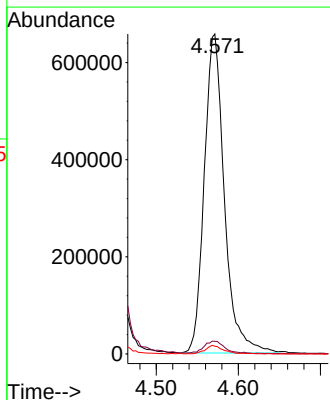
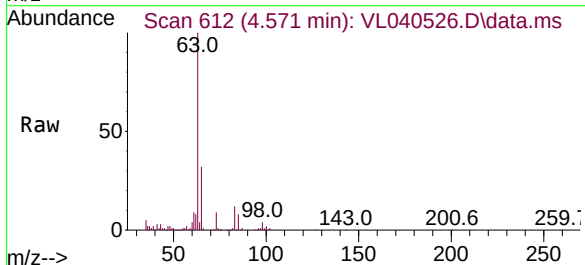
APPROVED

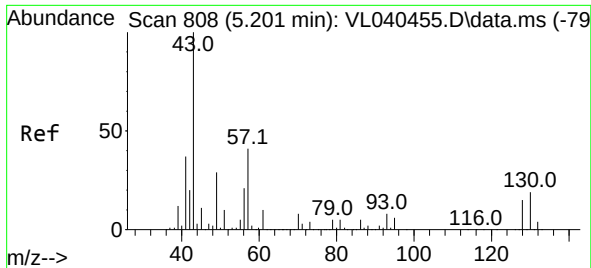
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#24
 1,1-Dichloroethane
 Concen: 10.614 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

Tgt Ion: 63 Resp: 1124208
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.5
 100 2.4 1.4 4.0





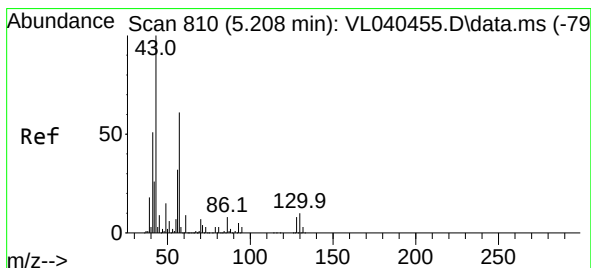
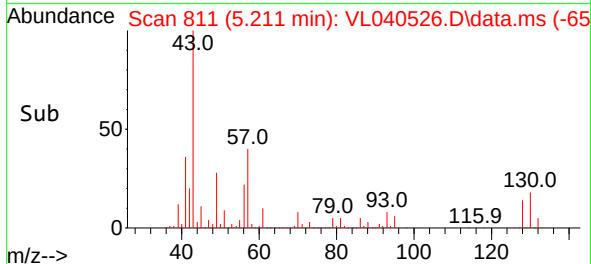
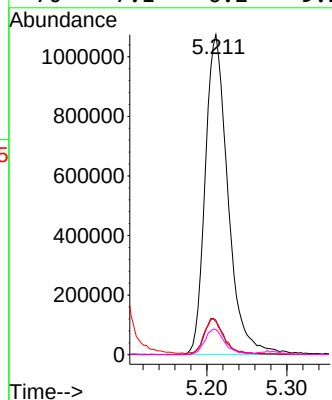
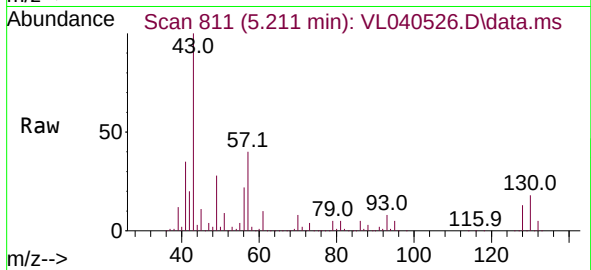
#25
Ethyl Acetate
Concen: 10.136 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 211368
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.2 8.3 12.5
70 7.1 6.2 9.2

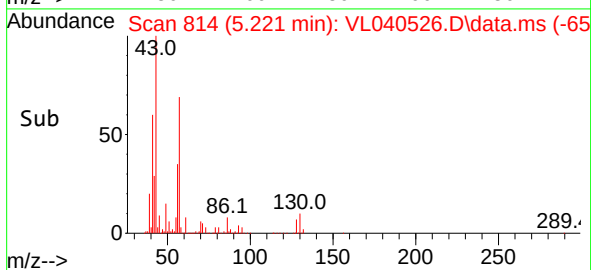
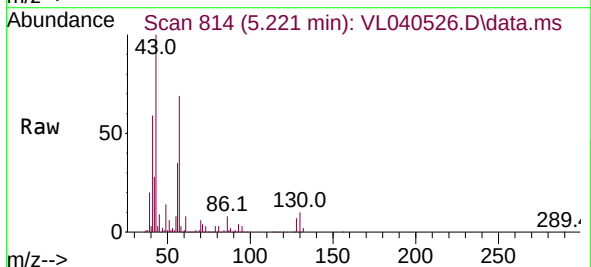
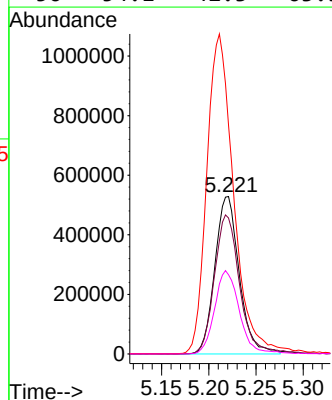
Manual Integrations
APPROVED

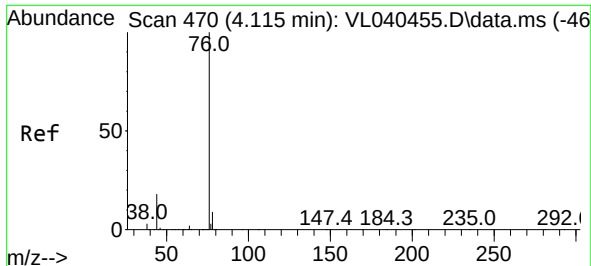
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
Hexane
Concen: 9.792 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

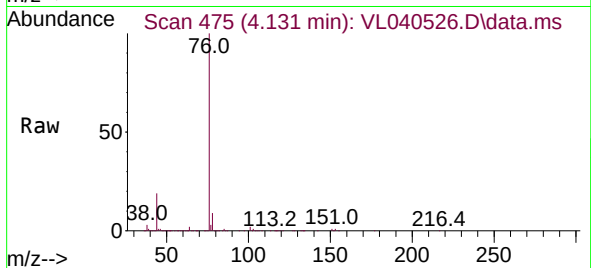
Tgt Ion: 57 Resp: 948603
Ion Ratio Lower Upper
57 100
41 92.2 69.5 104.3
43 224.8 177.1 265.7
56 54.1 42.3 63.5





#27
Carbon Disulfide
Concen: 11.520 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

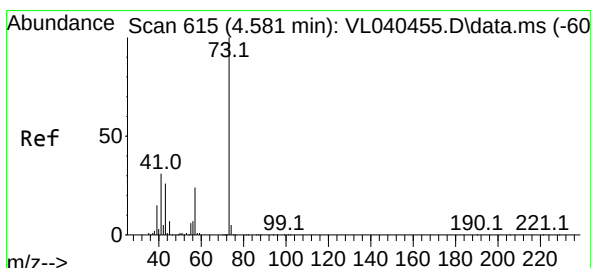
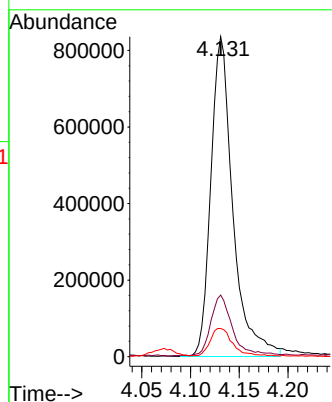
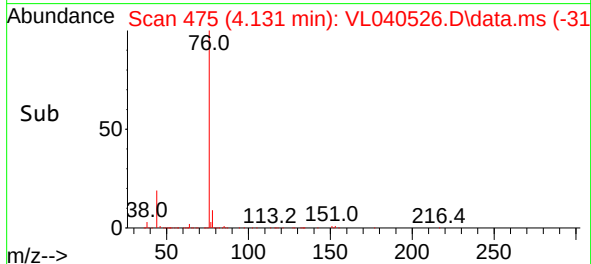
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1312769
Ion Ratio Lower Upper
76 100
44 19.2 15.1 22.7
78 9.9 7.5 11.3

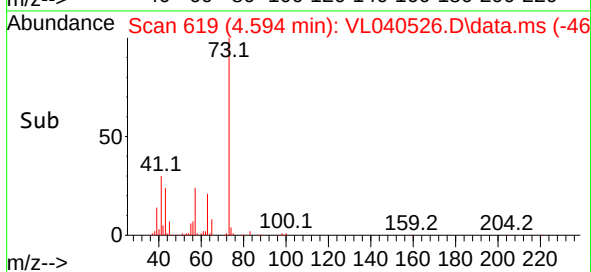
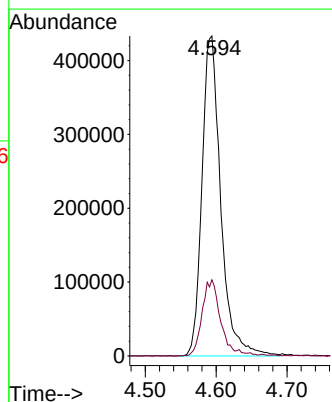
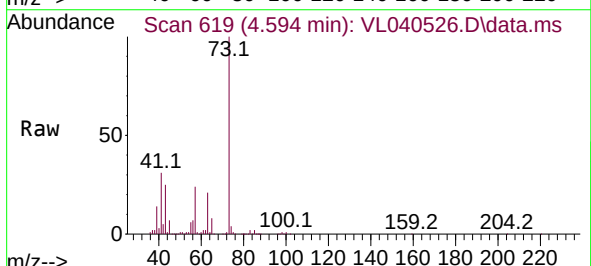
Manual Integrations
APPROVED

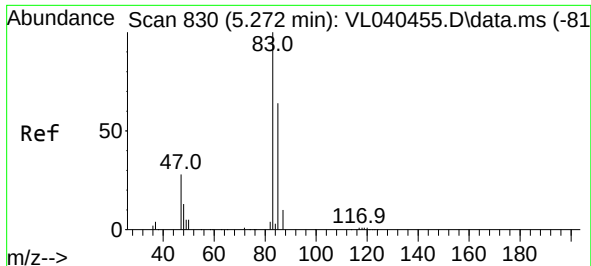
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#28
Methyl tert-Butyl Ether
Concen: 10.221 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Tgt Ion: 73 Resp: 797127
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2





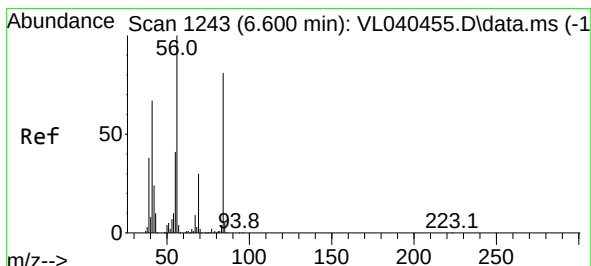
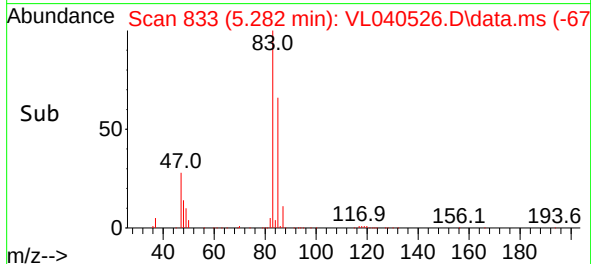
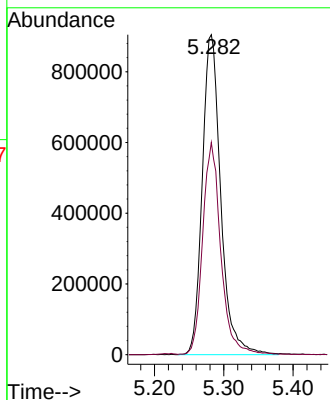
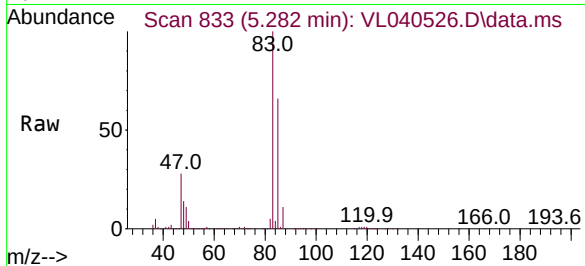
#29
Chloroform
Concen: 10.414 ppbv
RT: 5.282 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 167334
Ion Ratio Lower Upper
83 100
85 66.2 51.1 76.7

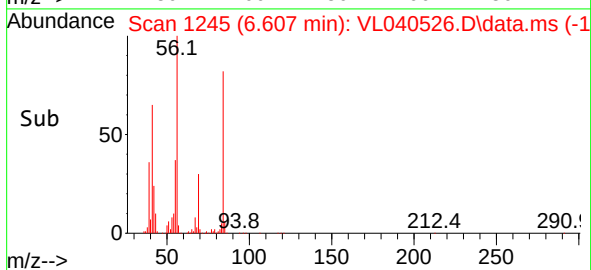
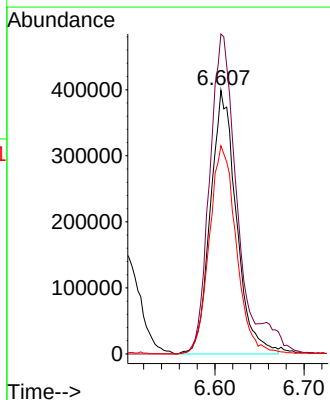
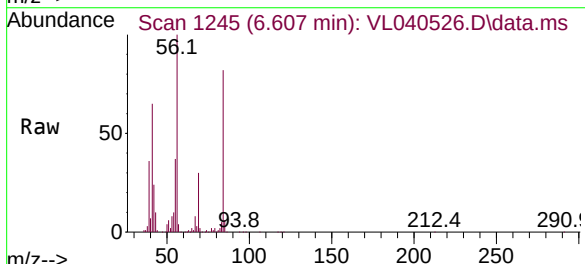
Manual Integrations
APPROVED

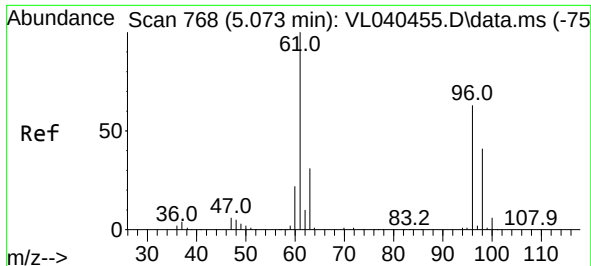
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#30
Cyclohexane
Concen: 9.992 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

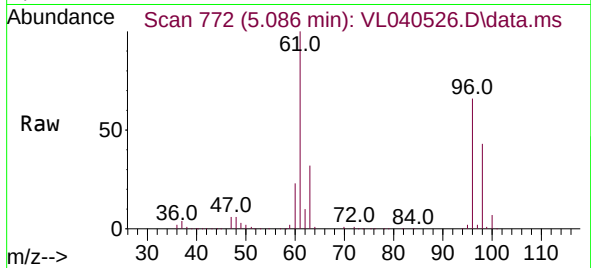
Tgt Ion: 84 Resp: 805476
Ion Ratio Lower Upper
84 100
56 131.8 108.7 163.1
41 81.9 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 10.216 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

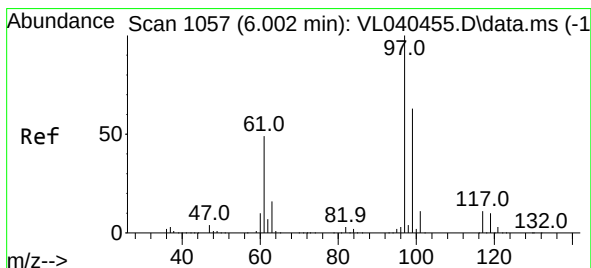
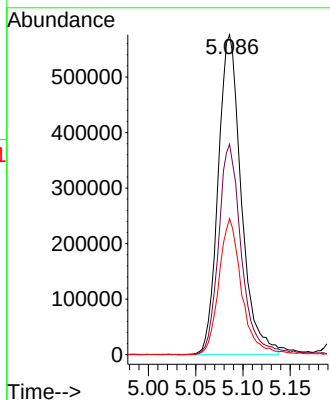
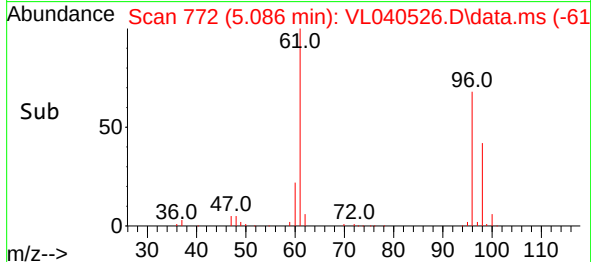
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



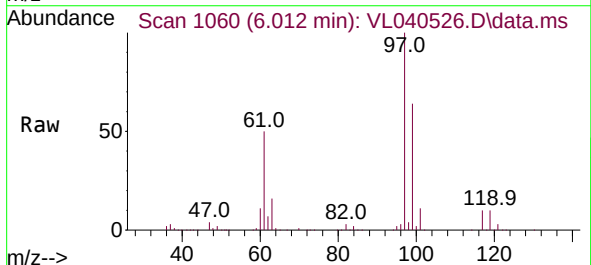
Tgt Ion: 61 Resp: 97820
 Ion Ratio Lower Upper
 61 100
 96 65.6 54.7 82.1
 98 42.5 34.6 52.0

Manual Integrations
 APPROVED

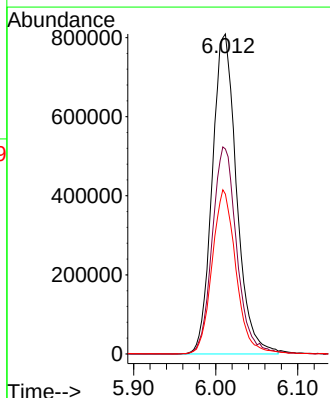
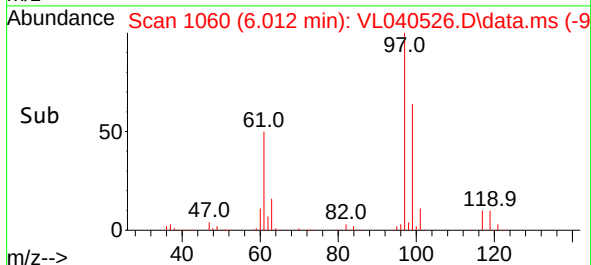
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

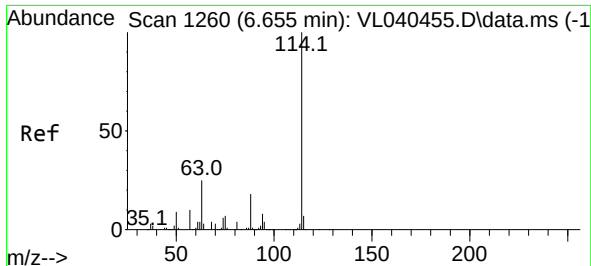


#32
 1,1,1-Trichloroethane
 Concen: 10.639 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02



Tgt Ion: 97 Resp: 1672675
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 50.5 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDC010EC

Tgt Ion:114 Resp: 237514

Ion Ratio Lower Upper

114 100

63 26.9 19.6 29.4

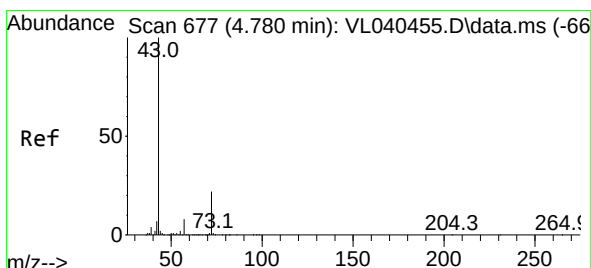
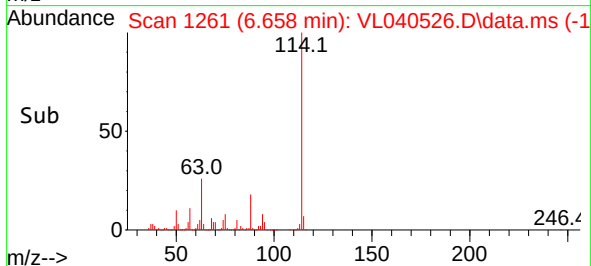
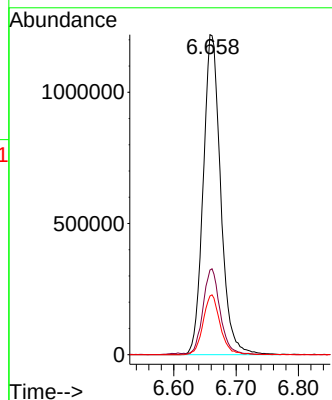
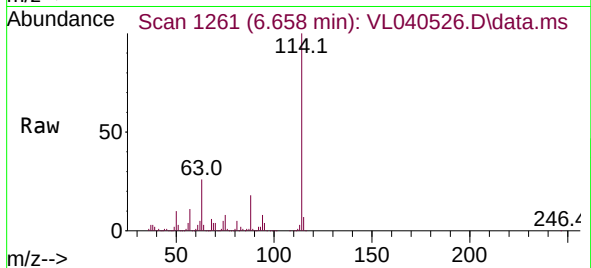
88 18.3 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

2-Butanone

Concen: 10.913 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040526.D

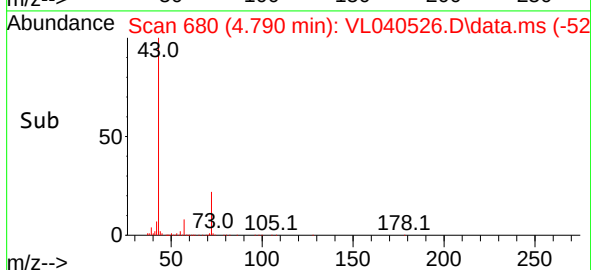
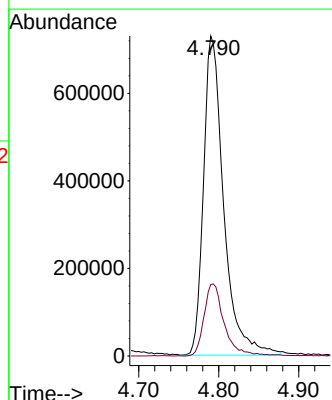
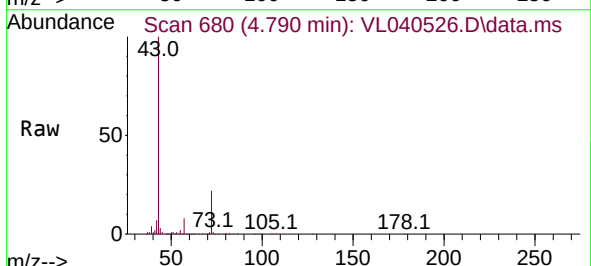
Acq: 11 Jul 2023 10:02

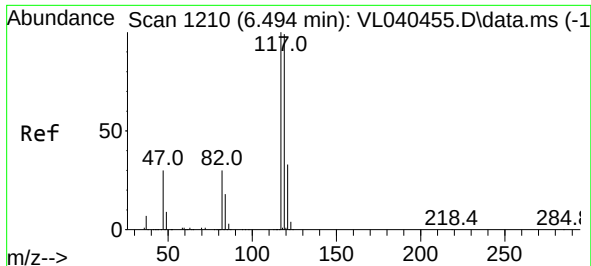
Tgt Ion: 43 Resp: 1280737

Ion Ratio Lower Upper

43 100

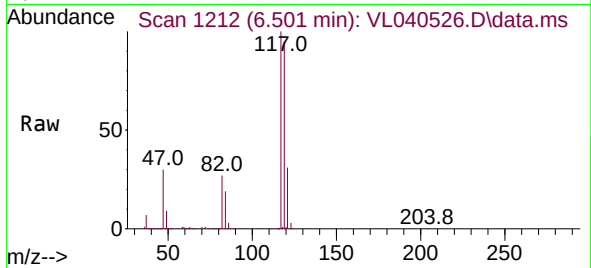
72 22.7 19.1 28.7





#35
Carbon Tetrachloride
Concen: 12.174 ppbv
RT: 6.501 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

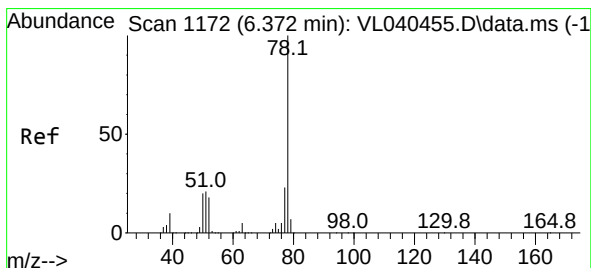
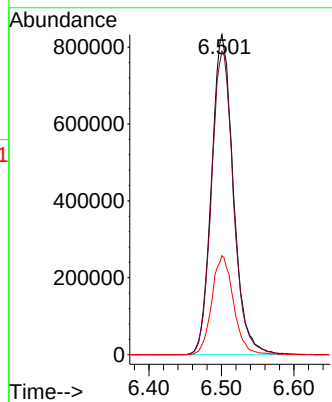
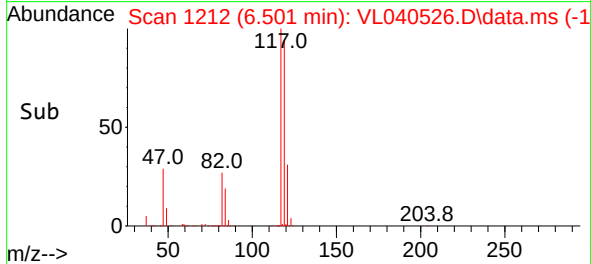
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1740222
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
121 30.9 24.8 37.2

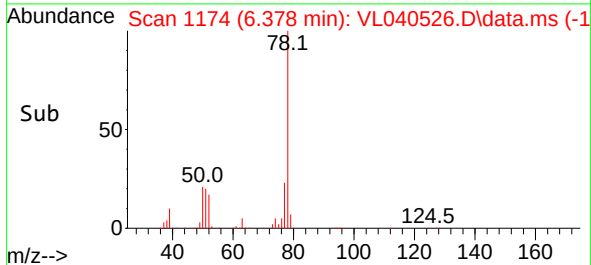
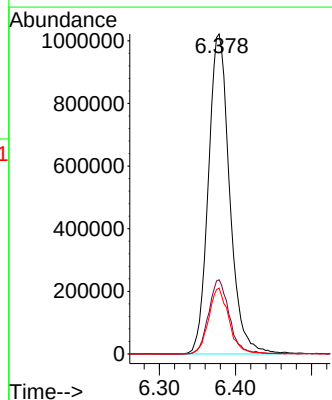
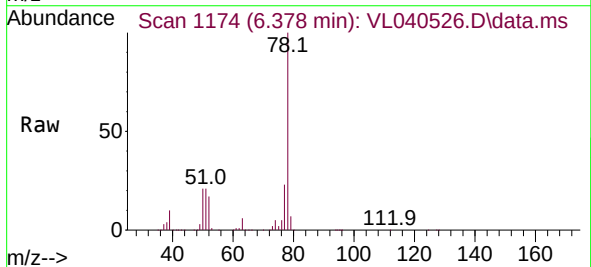
Manual Integrations
APPROVED

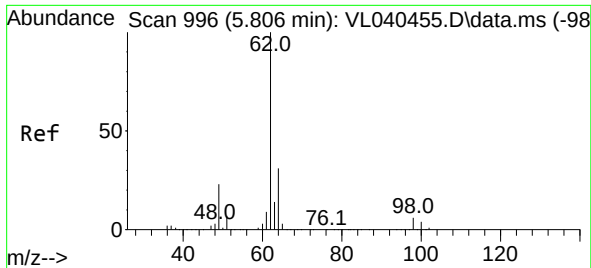
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
Benzene
Concen: 10.379 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

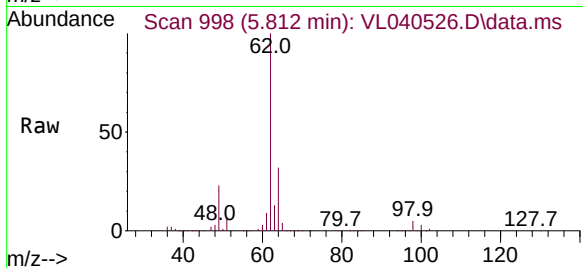
Tgt Ion: 78 Resp: 1983528
Ion Ratio Lower Upper
78 100
77 23.2 17.4 26.0
50 20.6 14.4 21.6





#37
1,2-Dichloroethane
Concen: 11.311 ppbv
RT: 5.812 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

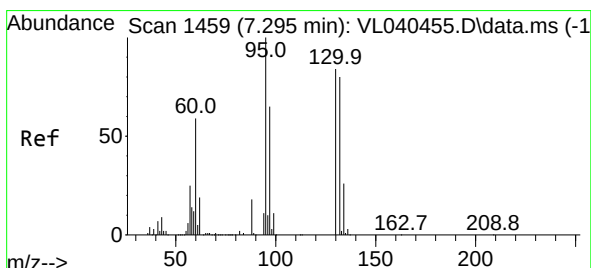
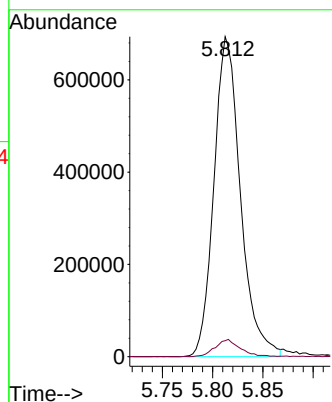
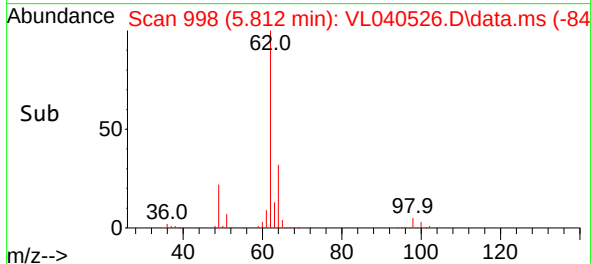
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1271728
Ion Ratio Lower Upper
62 100
98 5.3 5.1 7.7

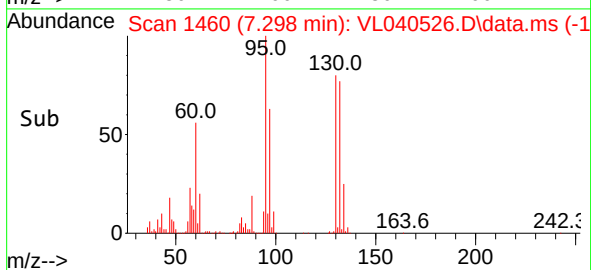
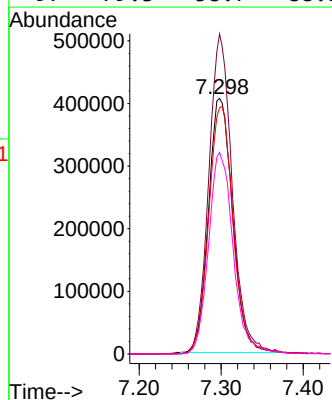
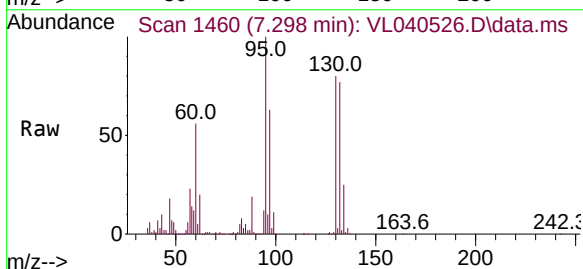
Manual Integrations
APPROVED

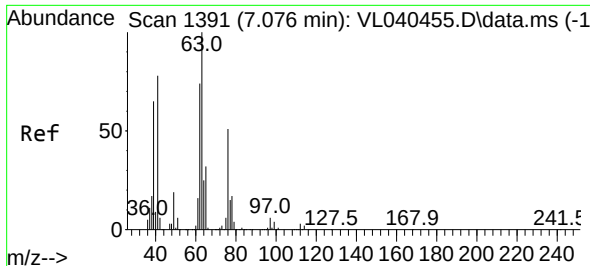
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Trichloroethene
Concen: 11.508 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Tgt Ion:130 Resp: 831855
Ion Ratio Lower Upper
130 100
95 125.9 90.2 135.2
132 96.8 76.3 114.5
97 79.3 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.415 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040526.D

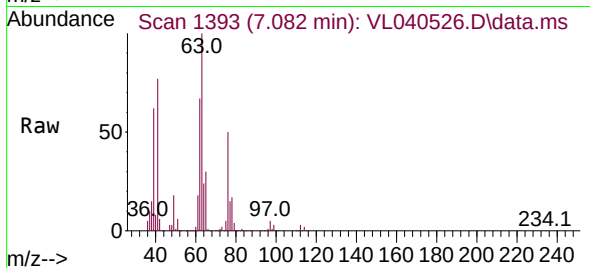
Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



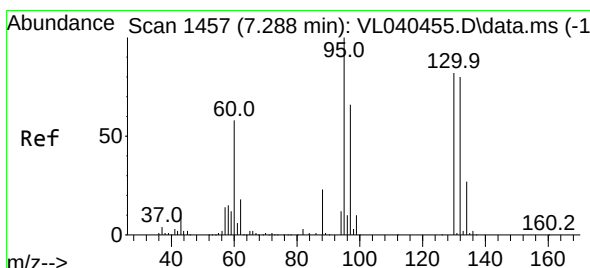
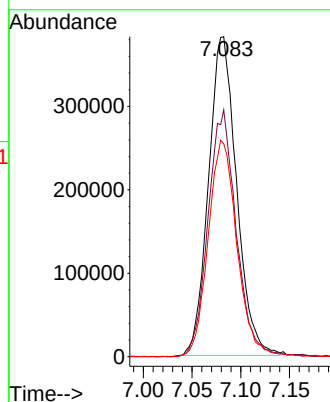
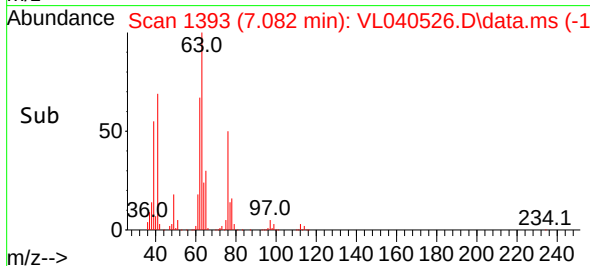
Tgt Ion: 63 Resp: 766210

Ion	Ratio	Lower	Upper
63	100		
41	77.1	54.3	81.5
62	66.5	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#40

1,4-Dioxane

Concen: 9.989 ppbv

RT: 7.291 min Scan# 1458

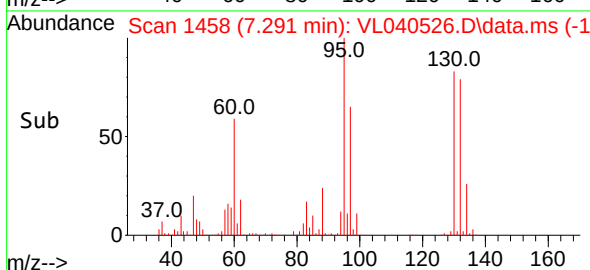
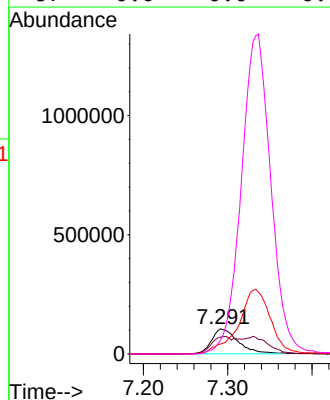
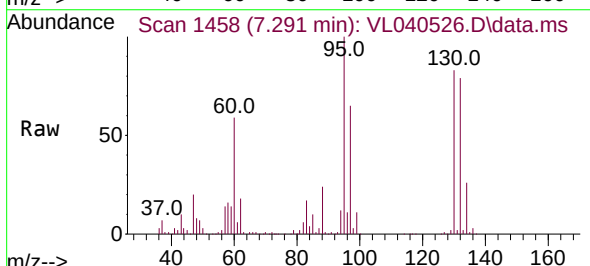
Delta R.T. -0.006 min

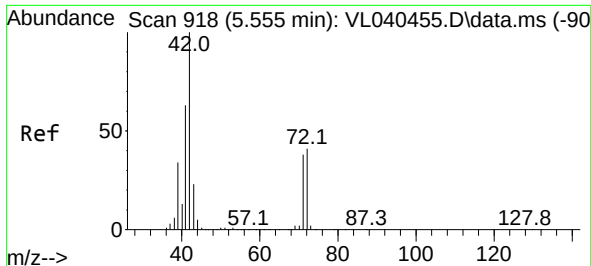
Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Tgt Ion: 88 Resp: 229857

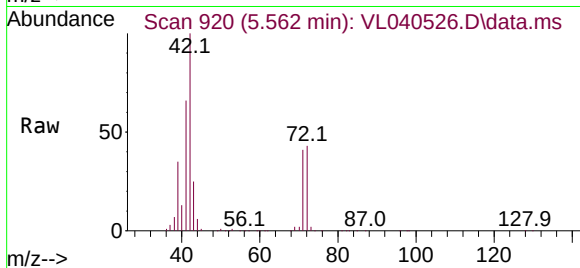
Ion	Ratio	Lower	Upper
88	100		
58	61.1	58.6	88.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.486 ppbv
RT: 5.562 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

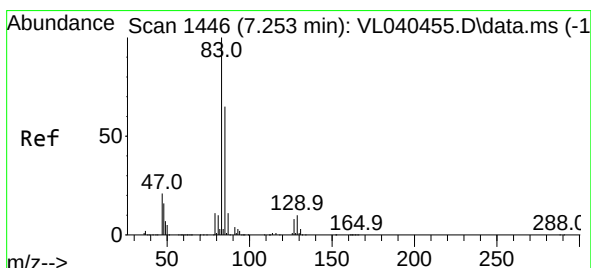
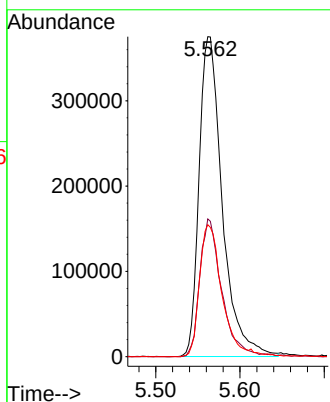
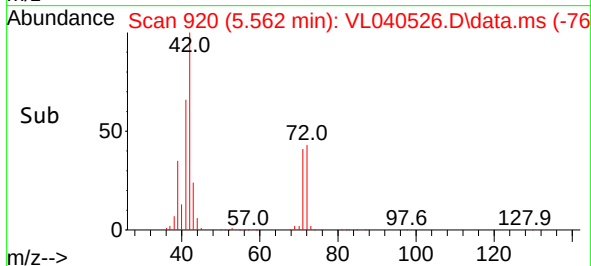
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 718169
Ion Ratio Lower Upper
42 100
72 41.2 33.8 50.8
71 40.6 33.0 49.6

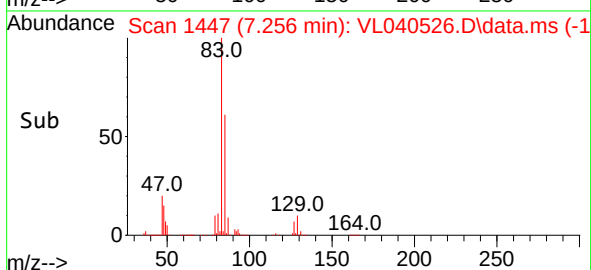
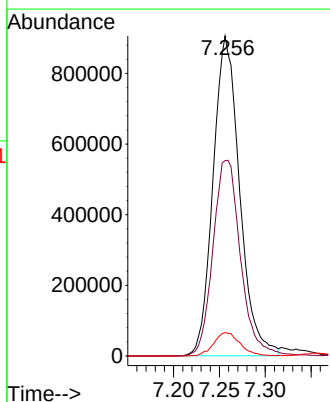
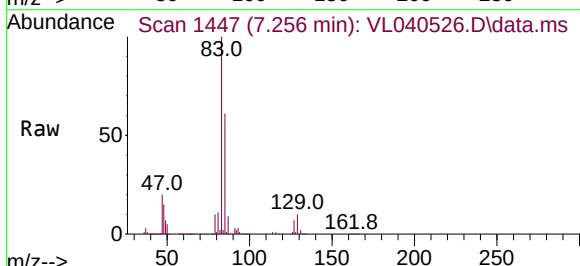
Manual Integrations
APPROVED

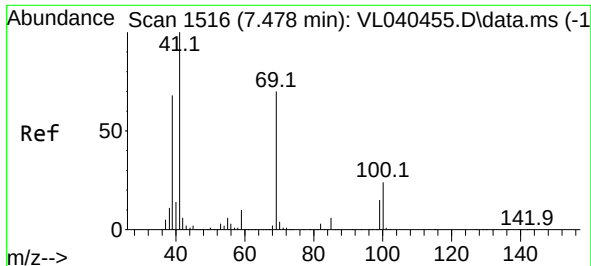
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
Bromodichloromethane
Concen: 11.661 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Tgt Ion: 83 Resp: 1823394
Ion Ratio Lower Upper
83 100
85 61.1 51.1 76.7
127 7.3 6.5 9.7





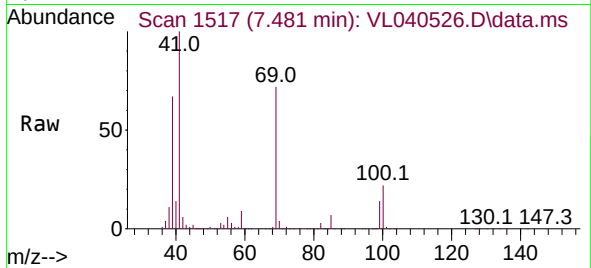
#43
Methyl Methacrylate
Concen: 11.402 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

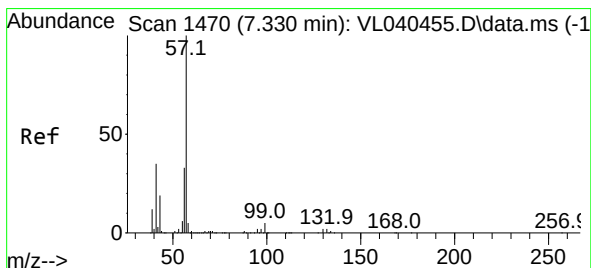
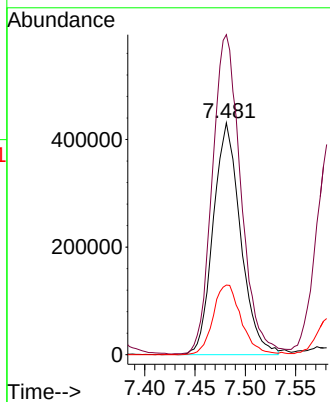
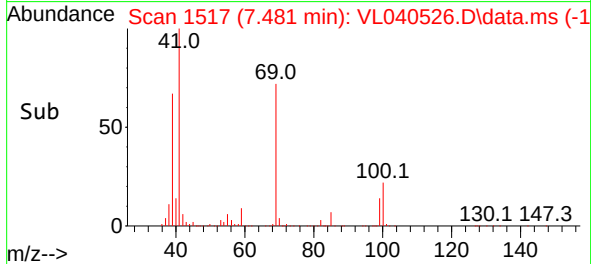


Tgt Ion: 69 Resp: 81561
Ion Ratio Lower Upper
69 100
41 144.7 111.7 167.5
100 31.1 26.9 40.3

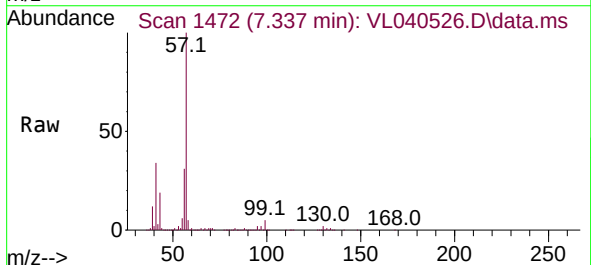
Manual Integrations

APPROVED

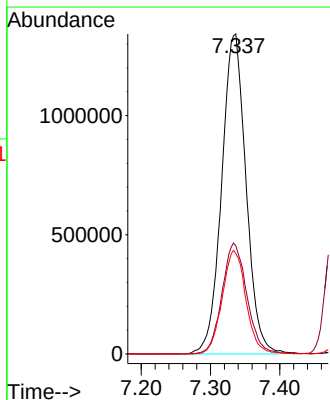
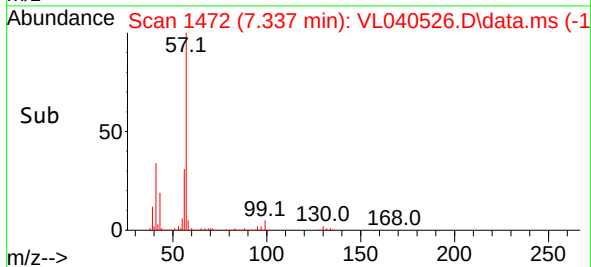
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

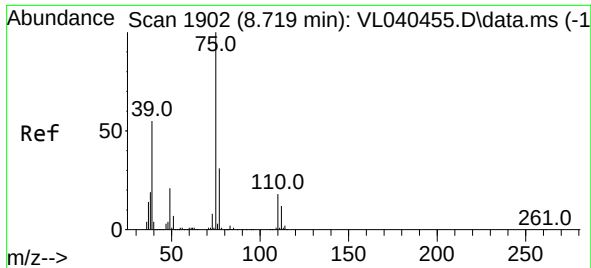


#44
2,2,4-Trimethylpentane
Concen: 10.650 ppbv
RT: 7.337 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



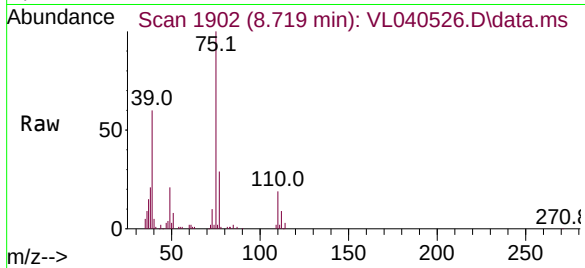
Tgt Ion: 57 Resp: 3274567
Ion Ratio Lower Upper
57 100
41 35.4 25.5 38.3
56 31.6 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 3.154 ppbv
RT: 8.719 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

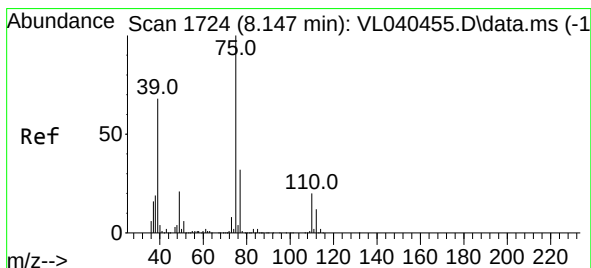
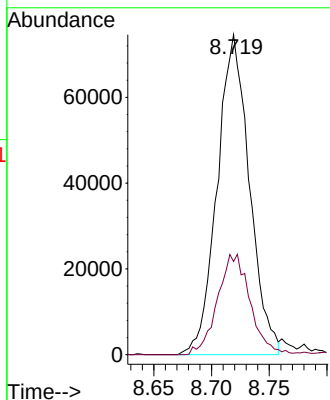
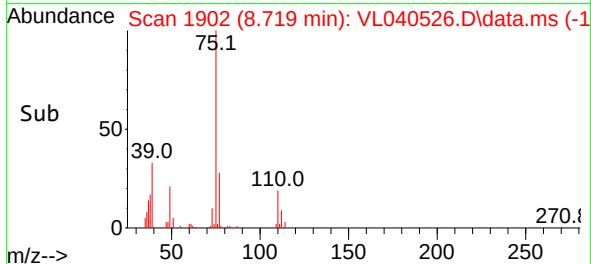
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



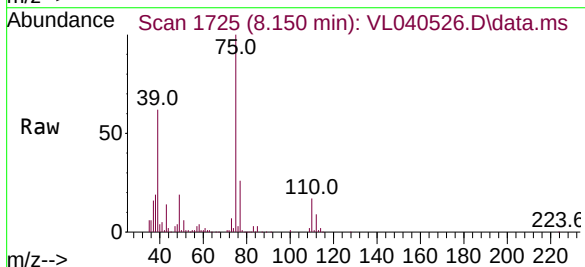
Tgt Ion: 75 Resp: 144730
Ion Ratio Lower Upper
75 100
77 29.1 26.0 39.0

Manual Integrations
APPROVED

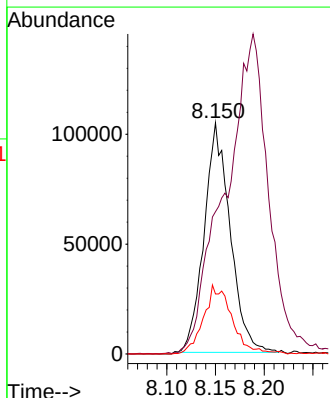
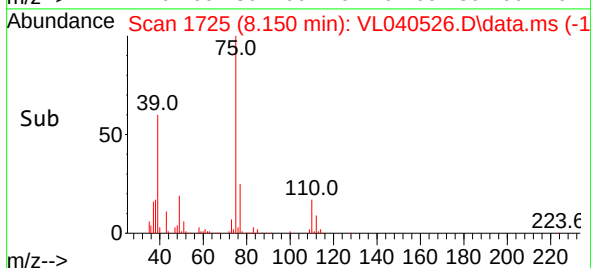
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

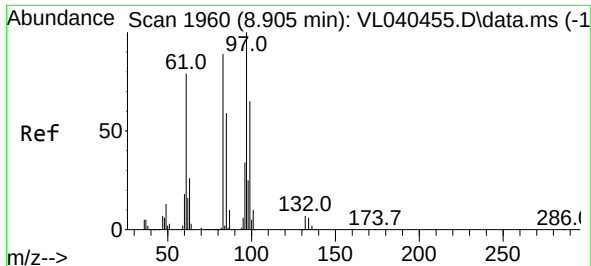


#46
cis-1,3-Dichloropropene
Concen: 3.294 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



Tgt Ion: 75 Resp: 193917
Ion Ratio Lower Upper
75 100
39 61.4 48.0 72.0
77 25.9 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.619 ppbv

RT: 8.906 min Scan# 1960

Delta R.T. -0.003 min

Lab File: VL040526.D

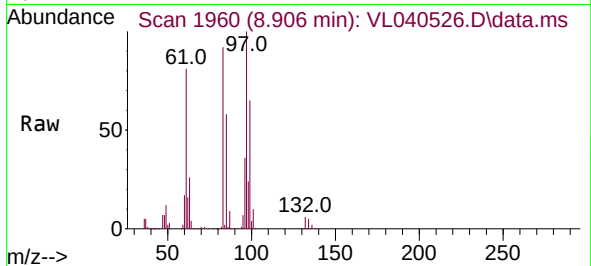
Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 861958

Ion Ratio Lower Upper

97 100

83 92.1 73.4 110.0

85 57.7 46.6 70.0

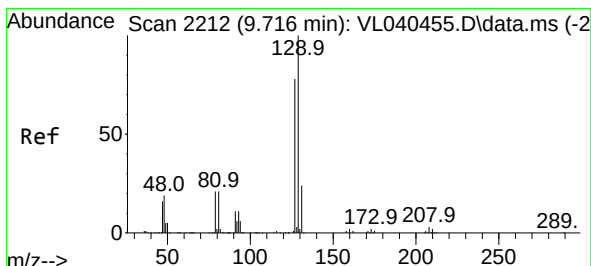
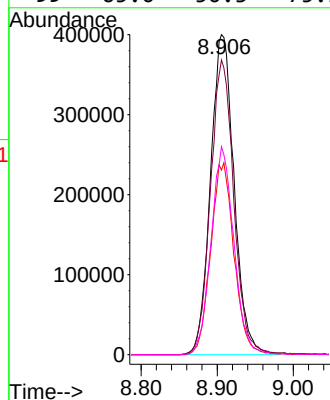
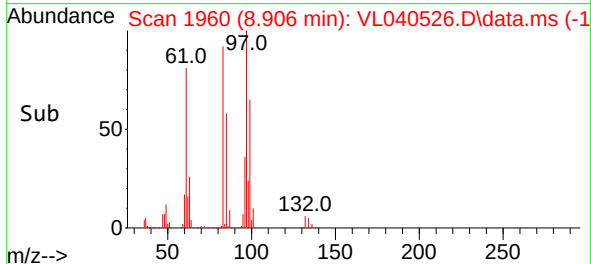
99 65.0 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#48

Dibromochloromethane

Concen: 11.865 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. -0.003 min

Lab File: VL040526.D

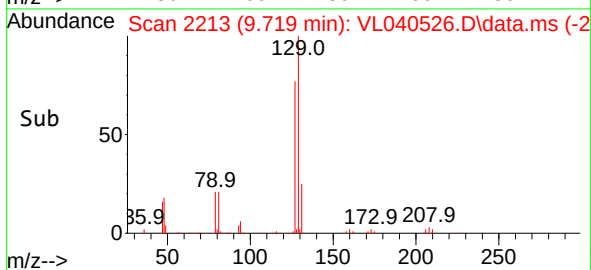
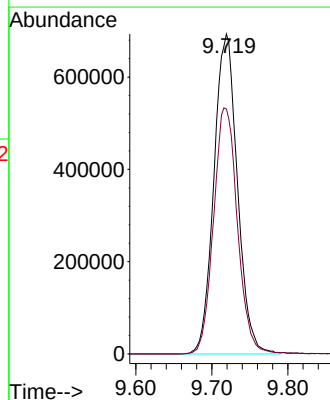
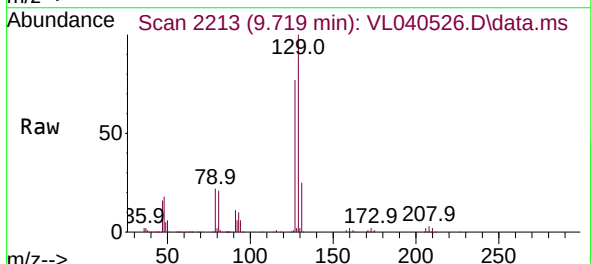
Acq: 11 Jul 2023 10:02

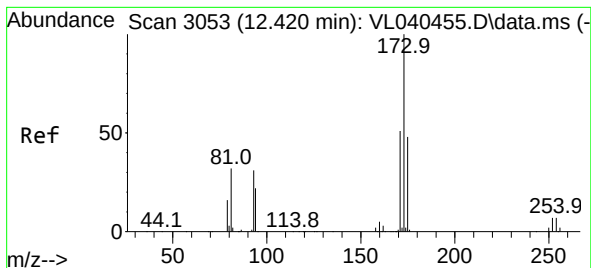
Tgt Ion:129 Resp: 1488986

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.3





#49

Bromoform

Concen: 12.402 ppbv

RT: 12.413 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

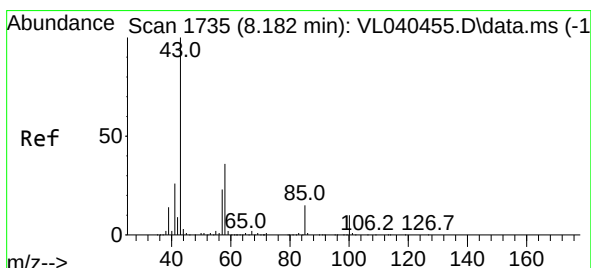
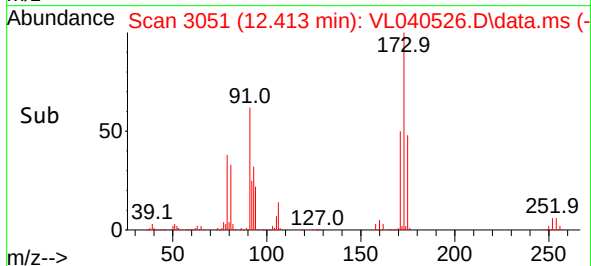
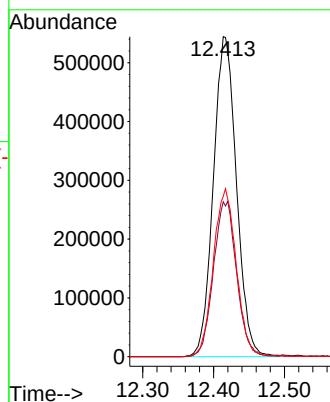
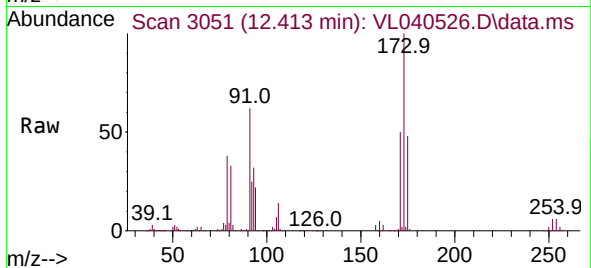
Tgt Ion:173 Resp: 123394

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.5	59.3
171	52.1	42.2	63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#50

4-Methyl-2-Pentanone

Concen: 11.208 ppbv

RT: 8.185 min Scan# 1736

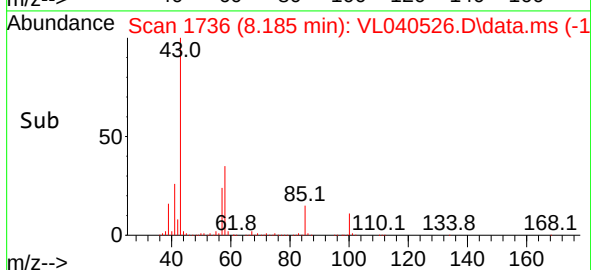
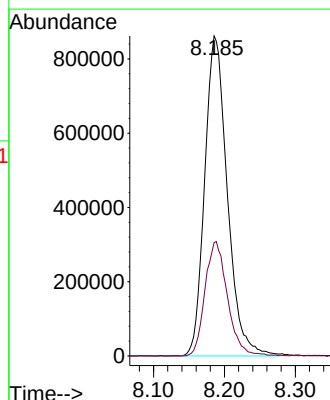
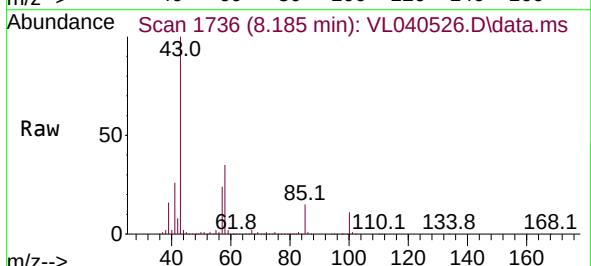
Delta R.T. -0.006 min

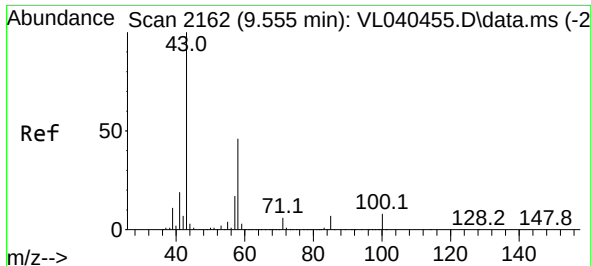
Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Tgt Ion: 43 Resp: 1911327

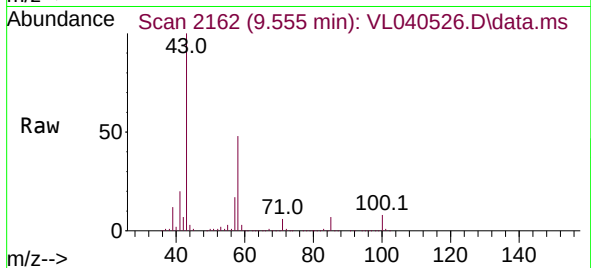
Ion	Ratio	Lower	Upper
43	100		
58	35.5	30.2	45.2





#51
2-Hexanone
Concen: 11.368 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

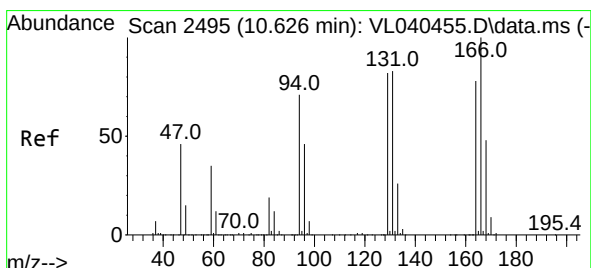
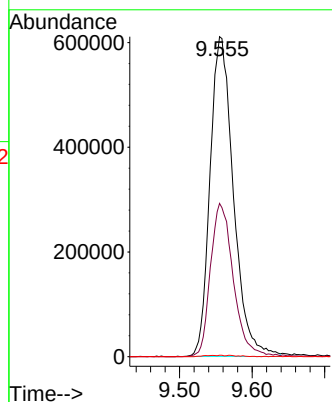
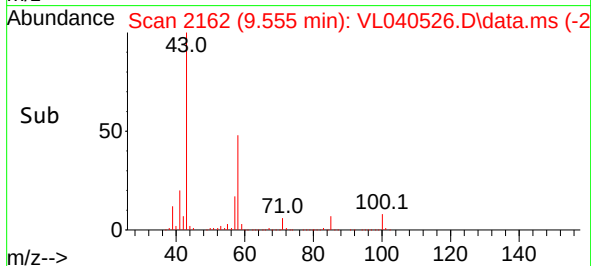
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



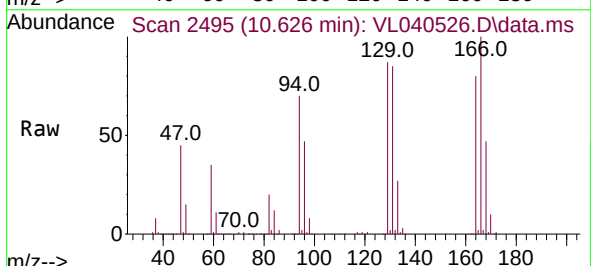
Tgt Ion: 43 Resp: 1370815
Ion Ratio Lower Upper
43 100
58 47.0 39.7 59.5
98 0.6 0.3 0.5

Manual Integrations
APPROVED

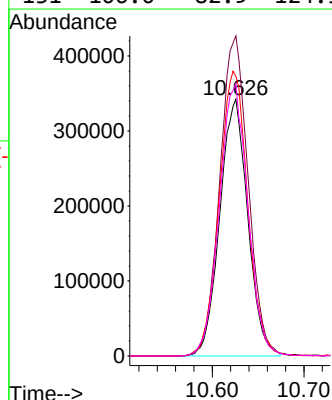
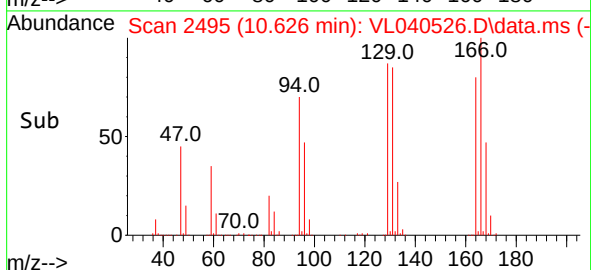
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

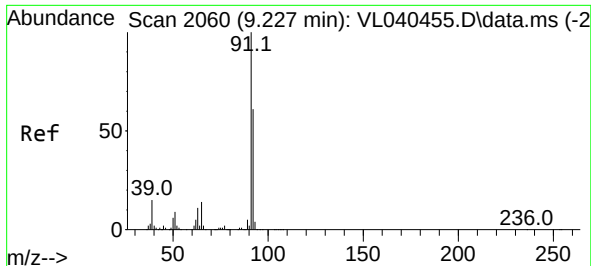


#52
Tetrachloroethene
Concen: 11.695 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



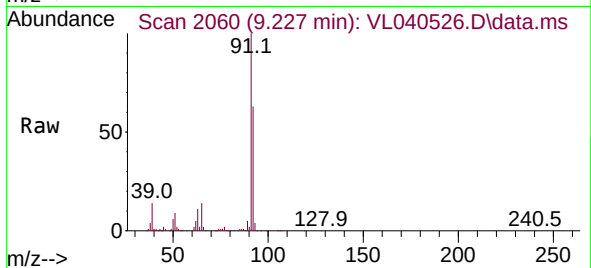
Tgt Ion:164 Resp: 723800
Ion Ratio Lower Upper
164 100
166 124.7 103.9 155.9
129 108.9 84.6 126.8
131 106.0 82.9 124.3





#53
Toluene
Concen: 11.259 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

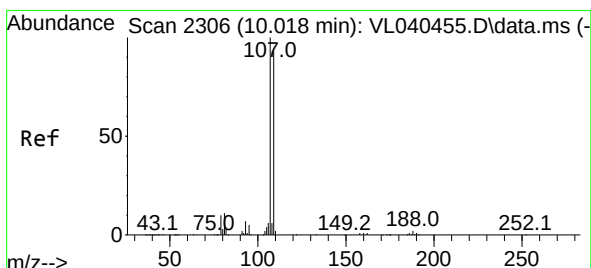
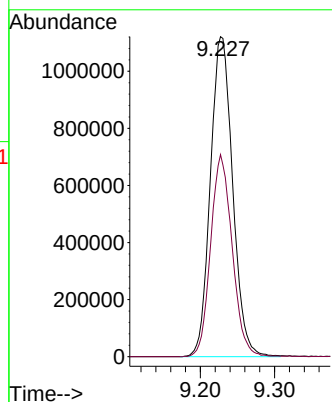
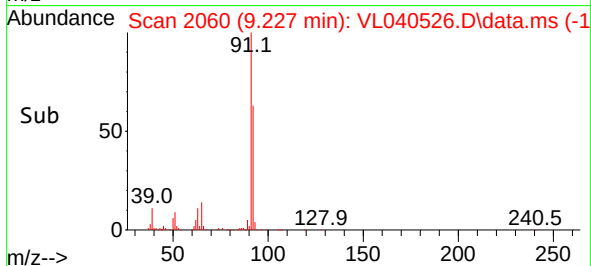
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



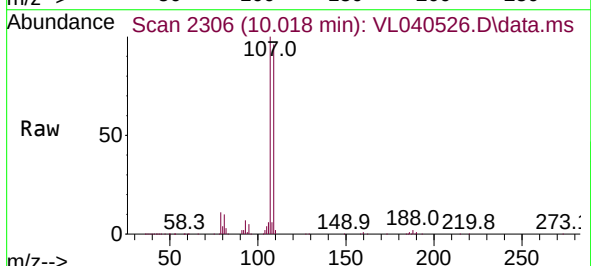
Tgt Ion: 91 Resp: 2337314
Ion Ratio Lower Upper
91 100
92 61.1 49.1 73.7

Manual Integrations
APPROVED

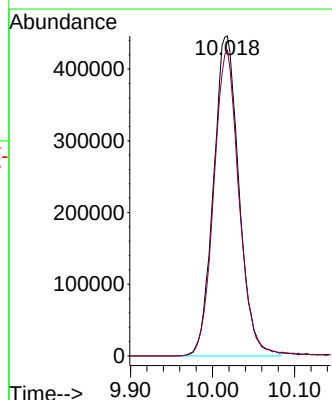
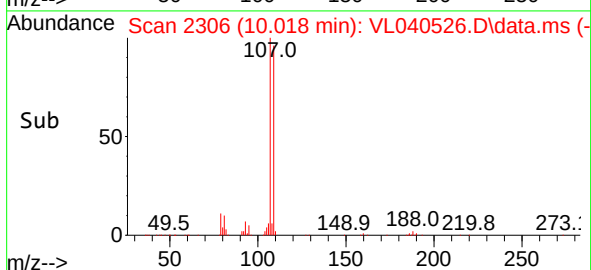
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

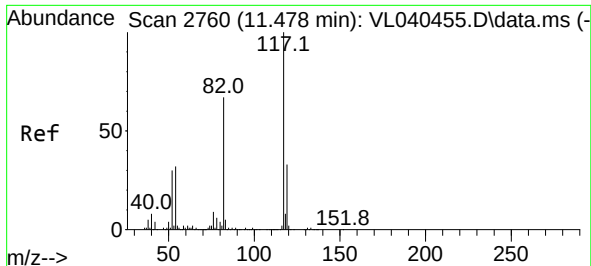


#54
1,2-Dibromoethane
Concen: 9.521 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



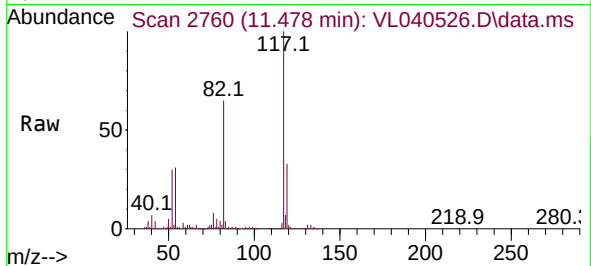
Tgt Ion:107 Resp: 960603
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

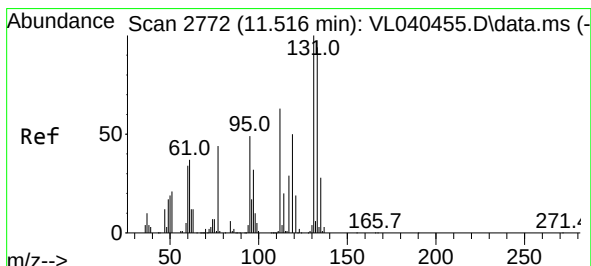
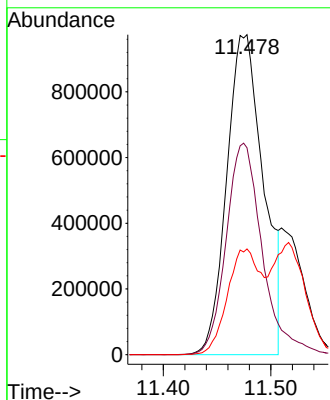
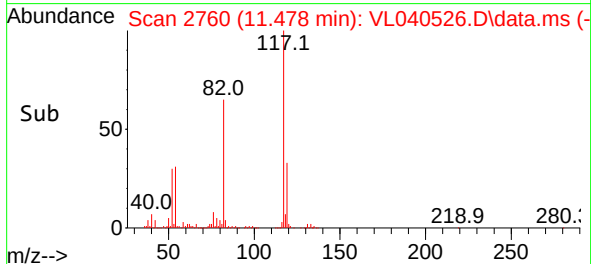
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



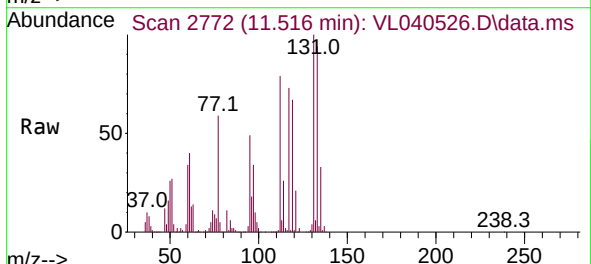
Tgt Ion:117 Resp: 231010
Ion Ratio Lower Upper
117 100
82 65.4 50.2 75.4
119 31.7 26.9 40.3

Manual Integrations
APPROVED

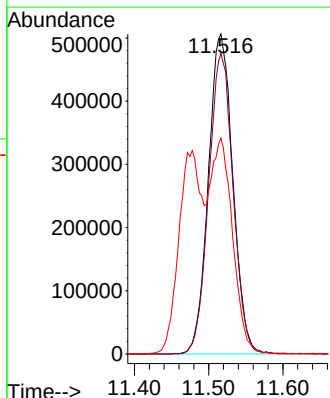
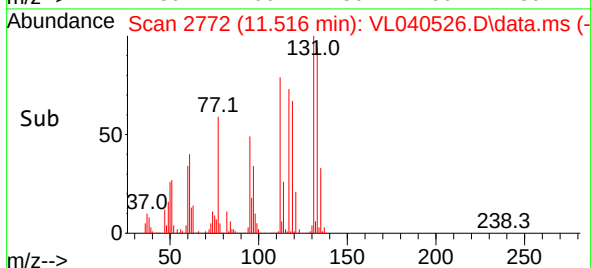
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

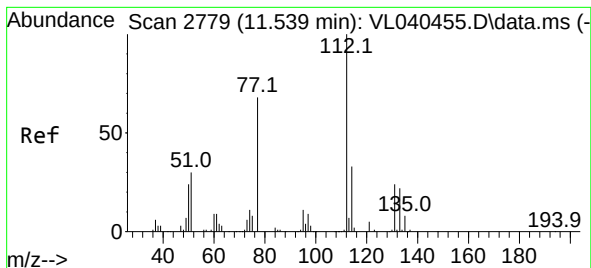


#56
1,1,1,2-Tetrachloroethane
Concen: 11.185 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



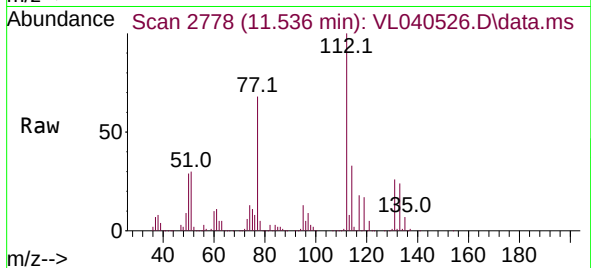
Tgt Ion:131 Resp: 1157182
Ion Ratio Lower Upper
131 100
133 94.0 76.3 114.5
119 69.1 51.1 76.7





#57
Chlorobenzene
Concen: 10.527 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

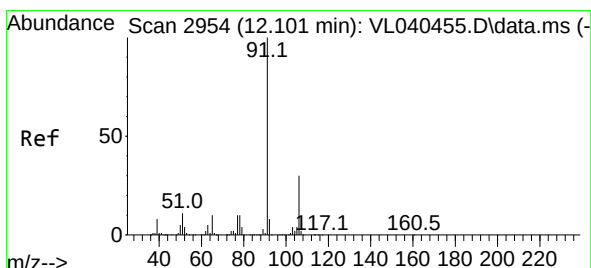
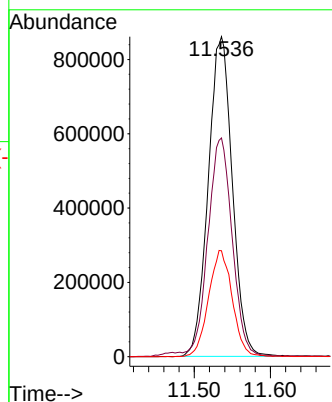
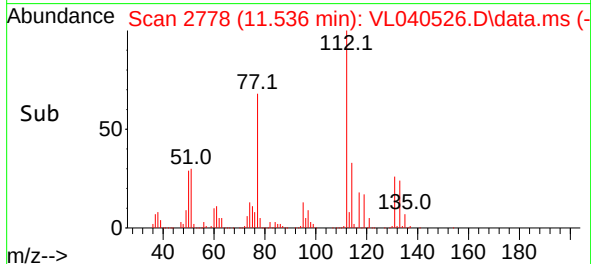
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1896548
Ion Ratio Lower Upper
112 100
77 68.1 51.0 76.6
114 33.0 28.3 34.5

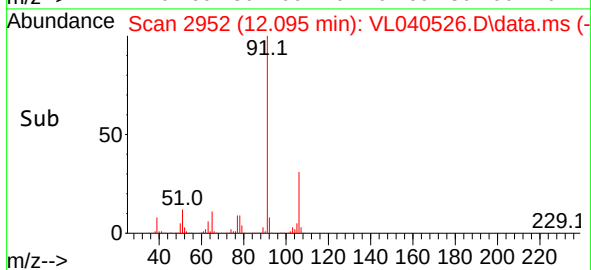
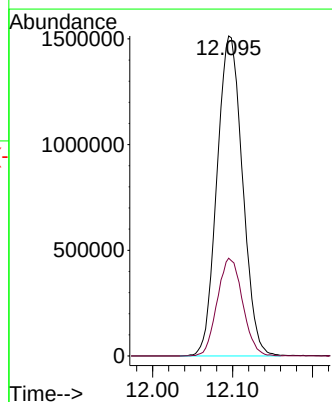
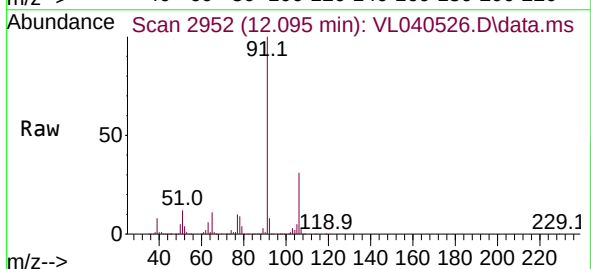
Manual Integrations
APPROVED

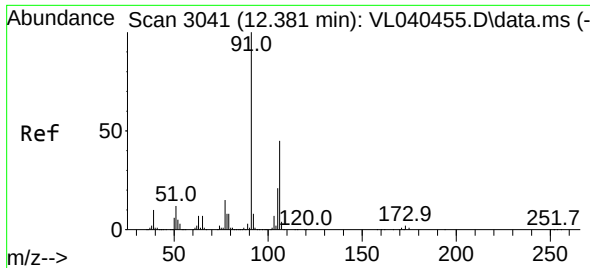
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
Ethyl Benzene
Concen: 11.565 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.006 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

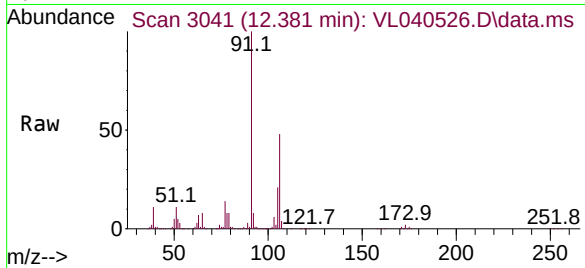
Tgt Ion: 91 Resp: 3352614
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0





#59
m/p-Xylene
Concen: 23.025 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

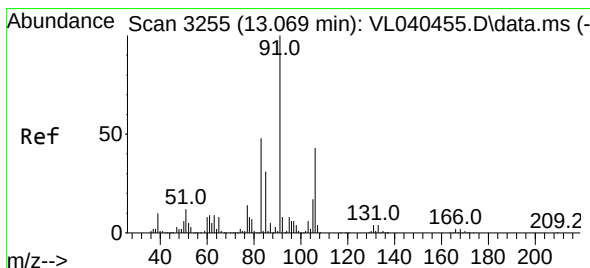
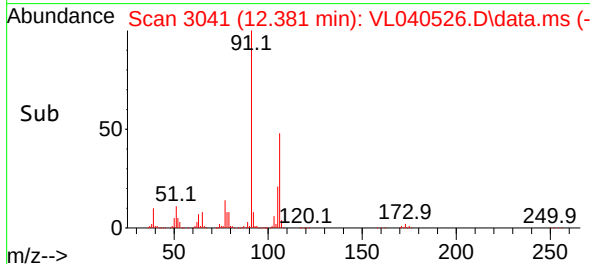
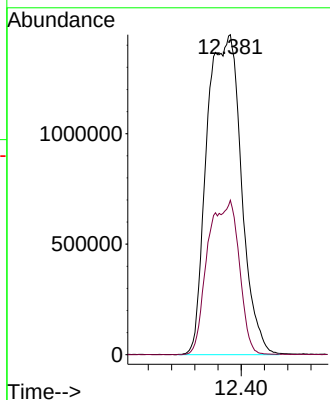
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 5957644
Ion Ratio Lower Upper
91 100
106 43.9 35.9 53.9

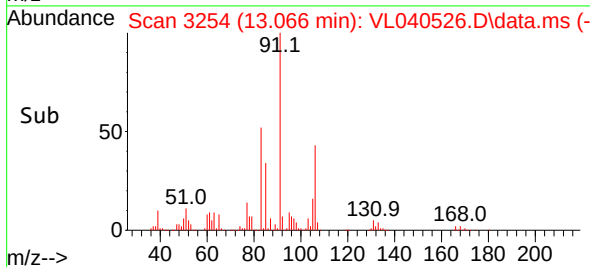
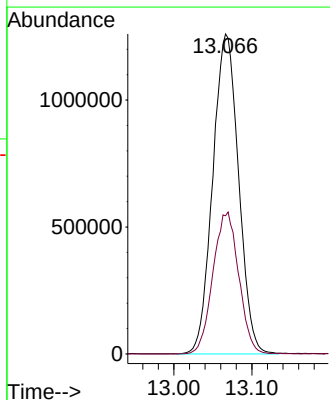
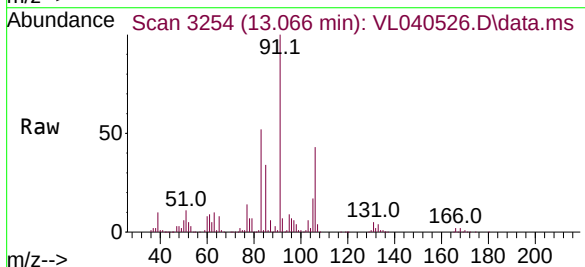
Manual Integrations
APPROVED

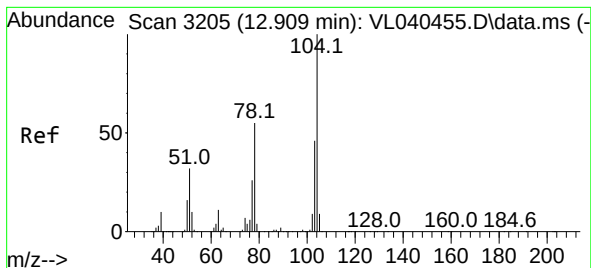
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
o-Xylene
Concen: 11.774 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Tgt Ion: 91 Resp: 2902286
Ion Ratio Lower Upper
91 100
106 44.3 22.7 68.0





#61

Styrene

Concen: 12.196 ppbv

RT: 12.909 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1386690

Ion Ratio Lower Upper

104 100

78 53.0 40.1 60.1

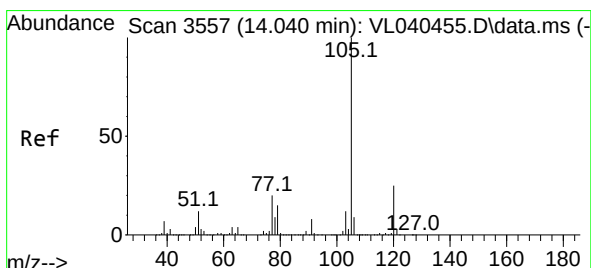
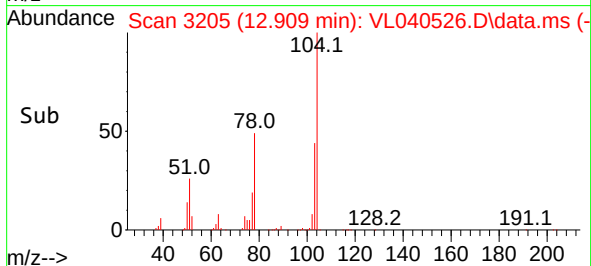
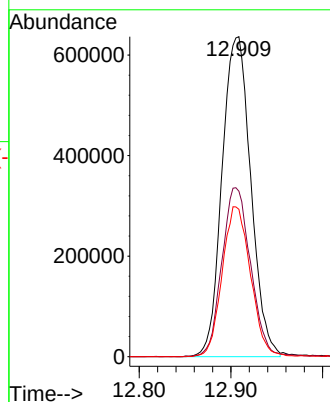
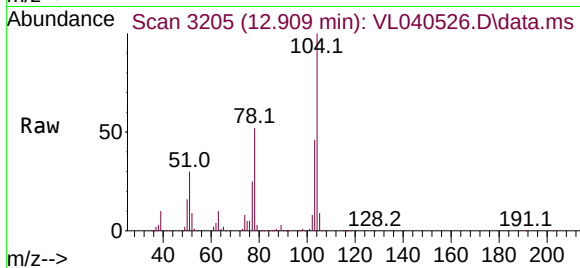
103 46.4 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#62

Isopropylbenzene

Concen: 11.414 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040526.D

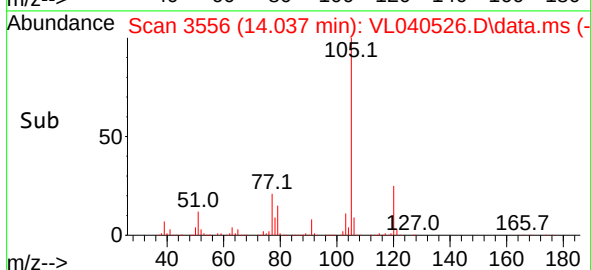
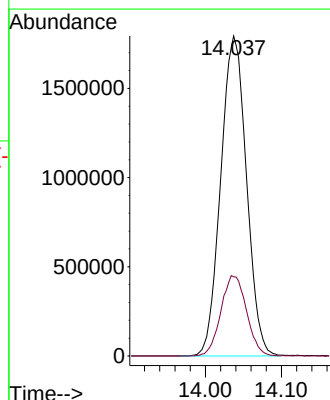
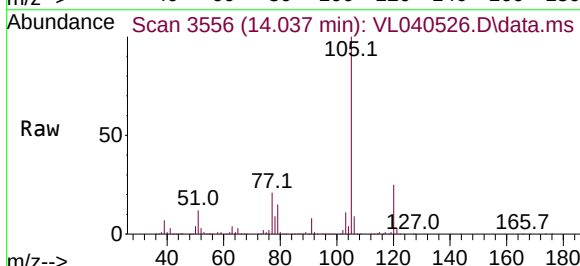
Acq: 11 Jul 2023 10:02

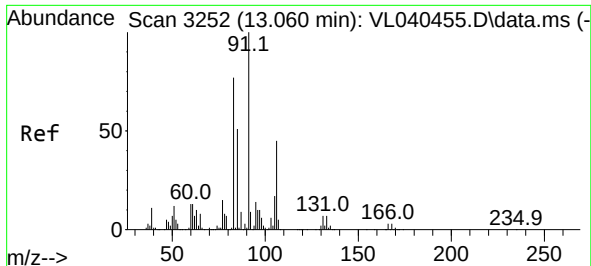
Tgt Ion:105 Resp: 4216848

Ion Ratio Lower Upper

105 100

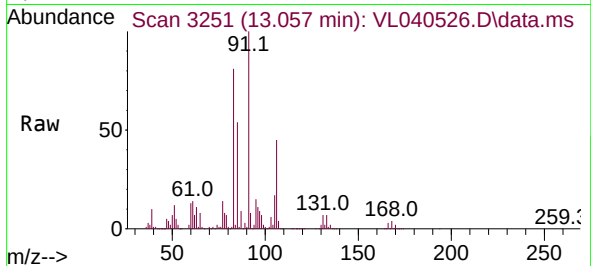
120 25.0 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 11.212 ppbv
RT: 13.057 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

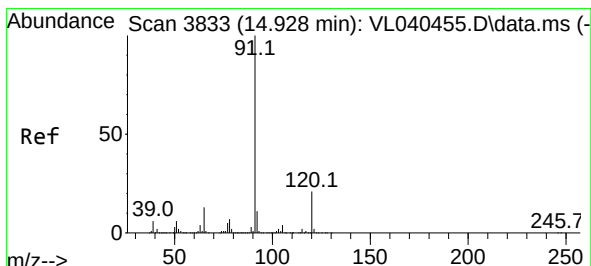
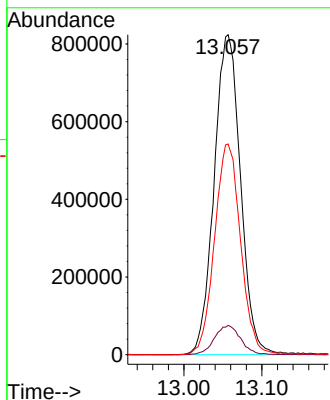
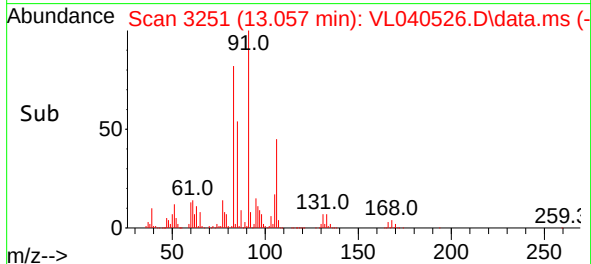
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



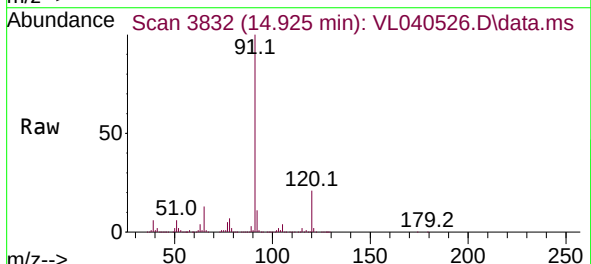
Tgt Ion: 83 Resp: 193537
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.4 32.8 98.3

Manual Integrations
APPROVED

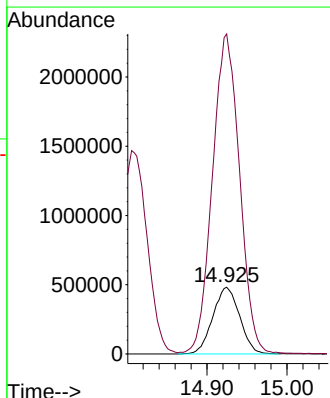
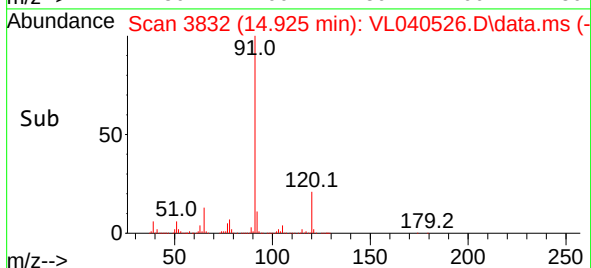
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

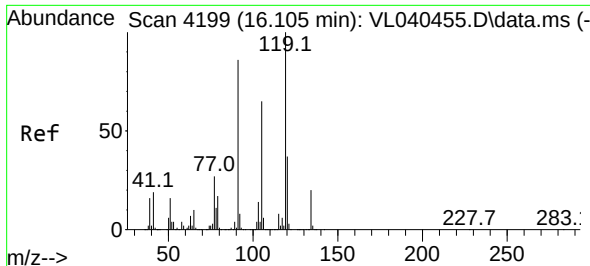


#64
n-propylbenzene
Concen: 11.729 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.006 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



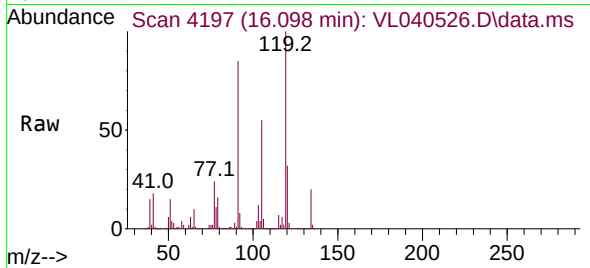
Tgt Ion:120 Resp: 1121151
Ion Ratio Lower Upper
120 100
91 487.1 374.3 561.5





#65
tert-Butylbenzene
Concen: 11.777 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

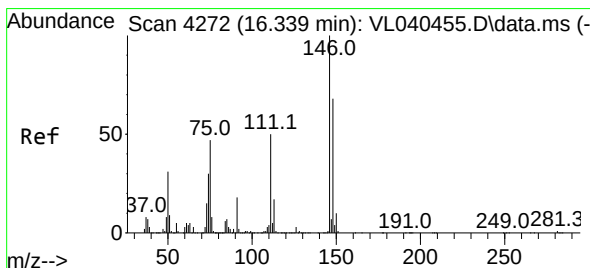
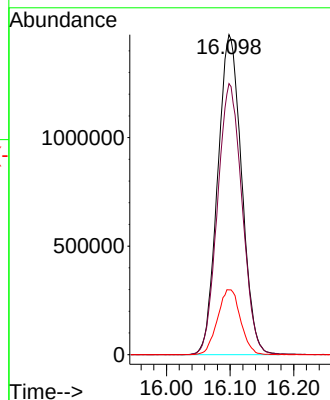
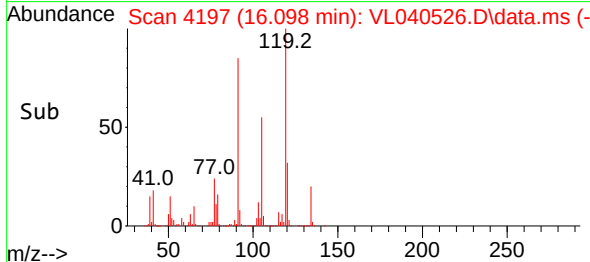
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 385184
Ion Ratio Lower Upper
119 100
91 86.7 66.1 99.1
134 19.5 15.7 23.5

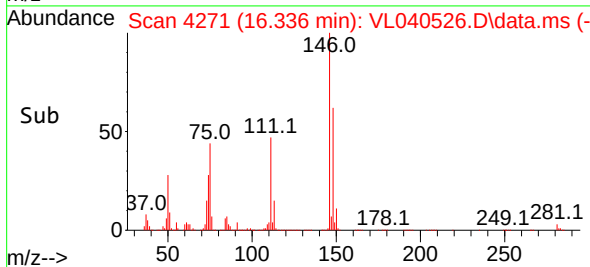
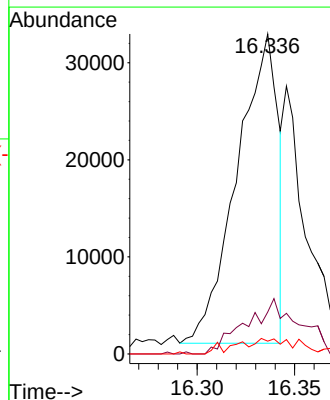
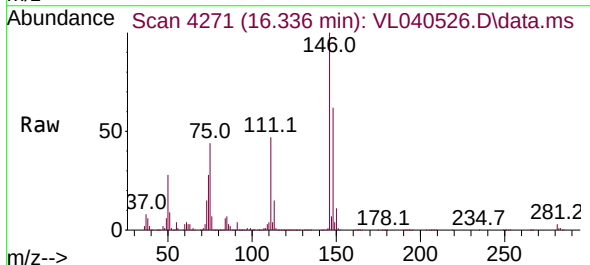
Manual Integrations
APPROVED

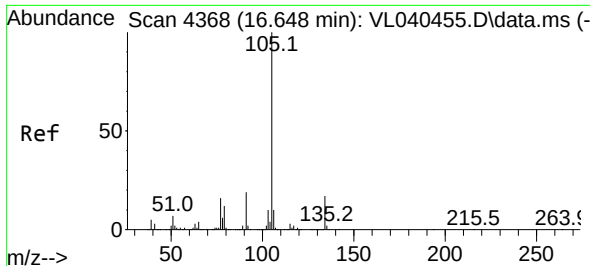
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
Benzyl Chloride
Concen: 2.007 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

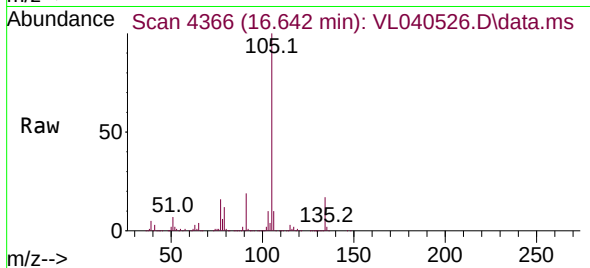
Tgt Ion: 91 Resp: 46439
Ion Ratio Lower Upper
91 100
126 30.2 15.4 23.2#
128 8.1 4.5 6.7#





#67
 sec-Butylbenzene
 Concen: 11.709 ppbv
 RT: 16.642 min Scan# 4368
 Delta R.T. -0.006 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

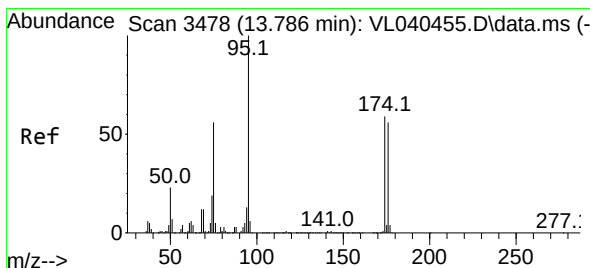
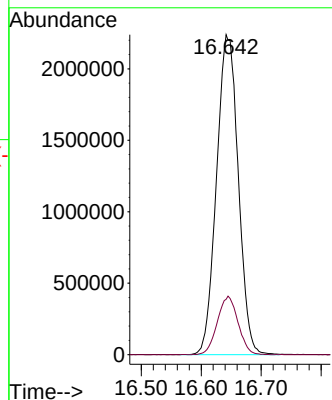
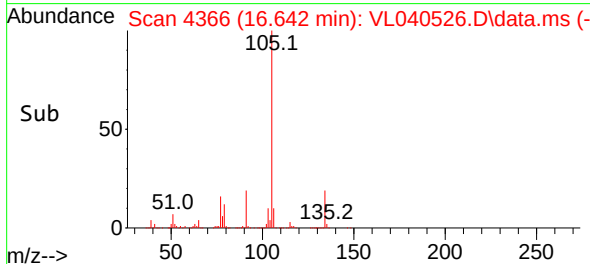
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 562683
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.4 21.6

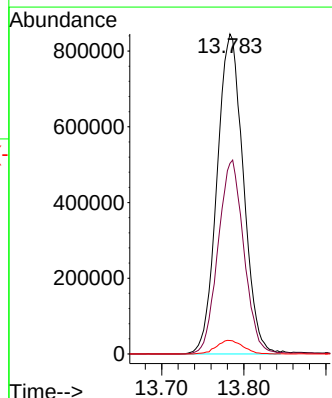
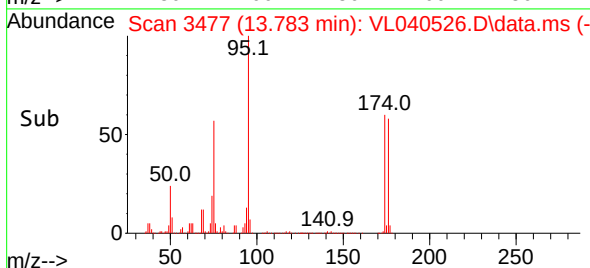
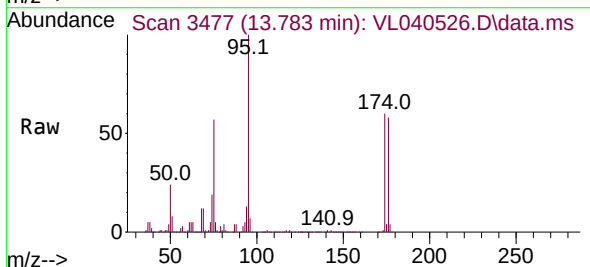
Manual Integrations
 APPROVED

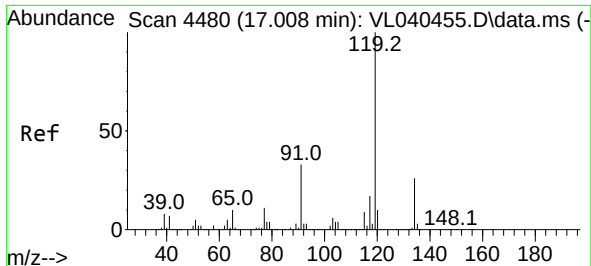
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.287 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040526.D
 Acq: 11 Jul 2023 10:02

Tgt Ion: 95 Resp: 1880796
 Ion Ratio Lower Upper
 95 100
 174 60.0 50.6 75.8
 175 4.3 3.7 5.5





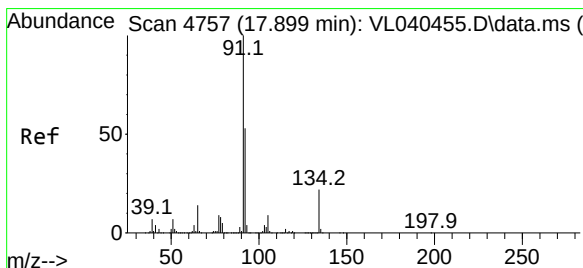
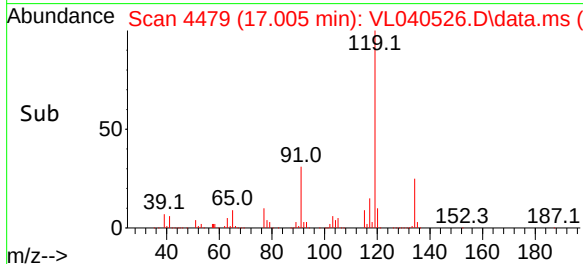
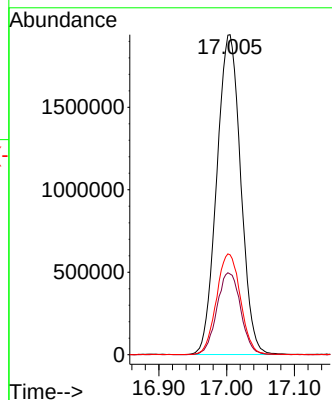
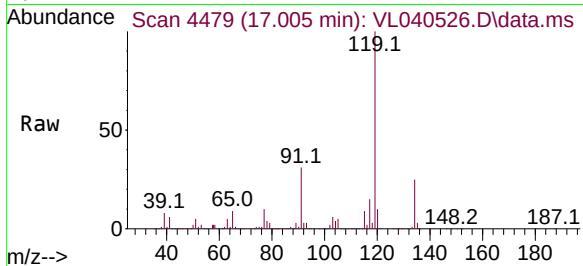
#69
p-Isopropyltoluene
Concen: 11.991 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 4761800
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 31.6 23.8 35.8

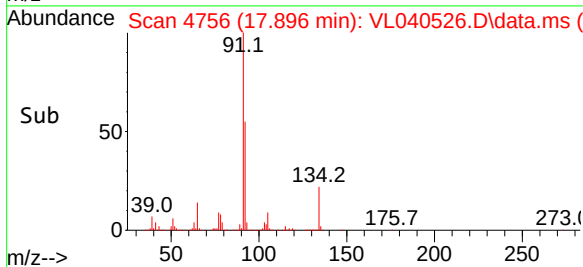
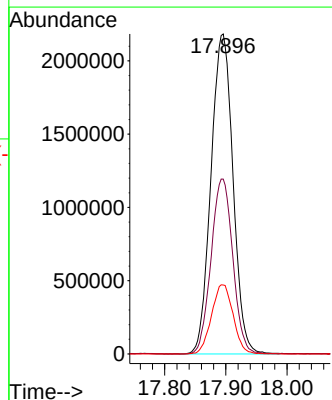
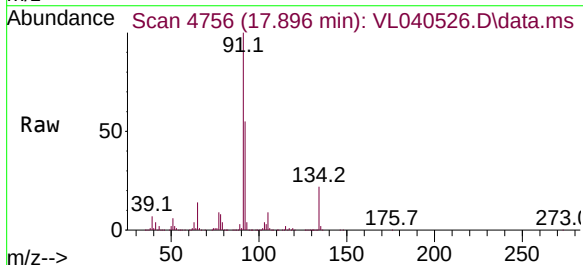
Manual Integrations
APPROVED

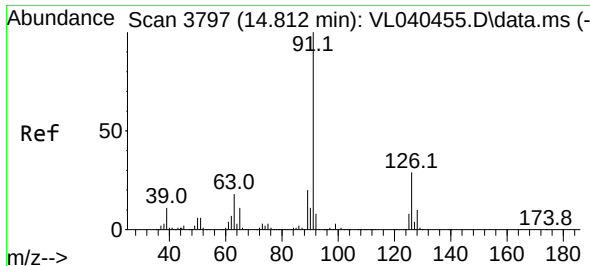
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
n-Butylbenzene
Concen: 12.333 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

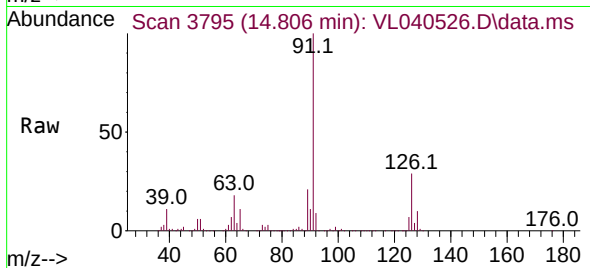
Tgt Ion: 91 Resp: 5462070
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.0
134 21.3 18.1 27.1





#71
2-Chlorotoluene
Concen: 11.882 ppbv
RT: 14.806 min Scan# 3795
Delta R.T. -0.006 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

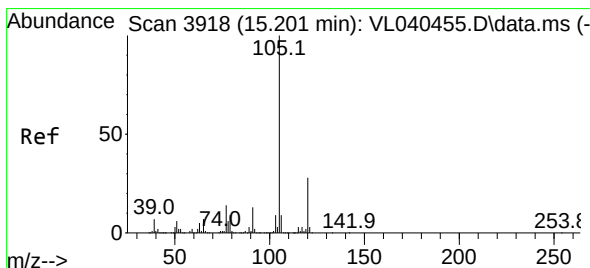
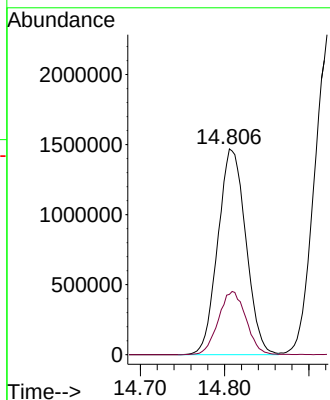
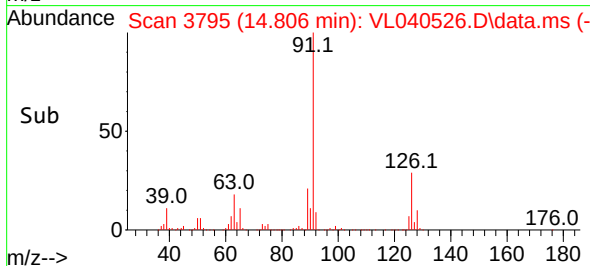
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



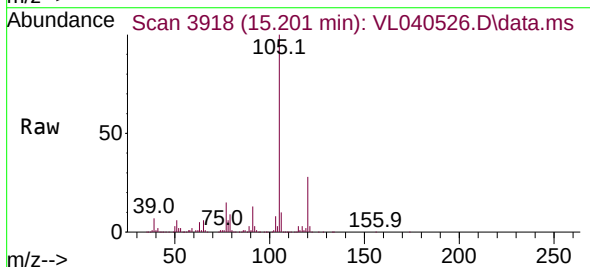
Tgt Ion: 91 Resp: 338320
Ion Ratio Lower Upper
91 100
126 30.4 12.4 49.8

Manual Integrations
APPROVED

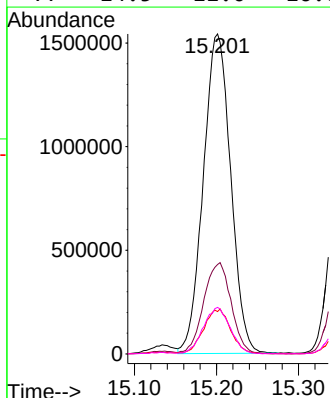
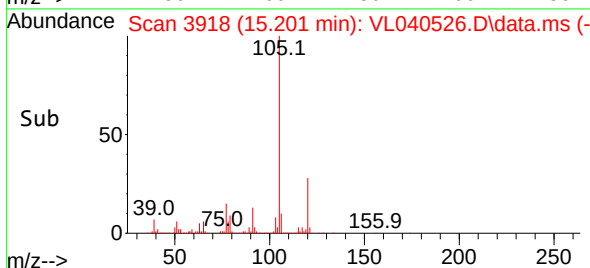
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

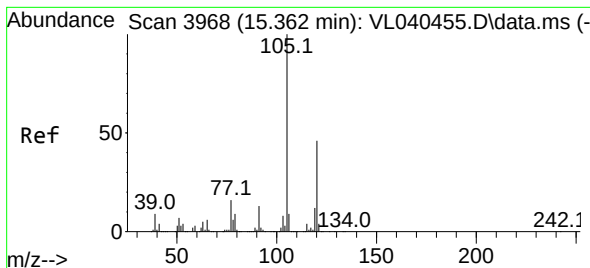


#72
4-Ethyltoluene
Concen: 12.391 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



Tgt Ion:105 Resp: 3580240
Ion Ratio Lower Upper
105 100
120 28.8 24.6 37.0
91 13.9 10.7 16.1
77 14.5 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 12.293 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.003 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 313093

Ion Ratio Lower Upper

105 100

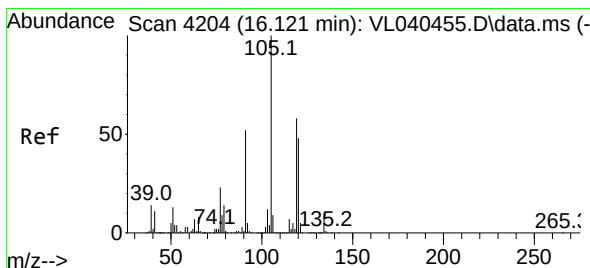
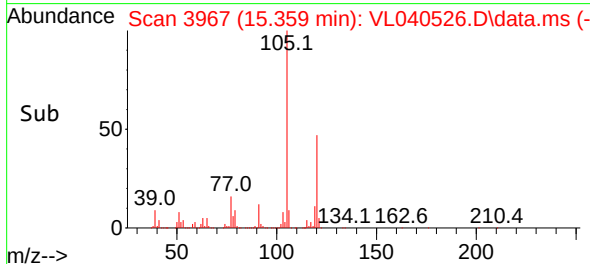
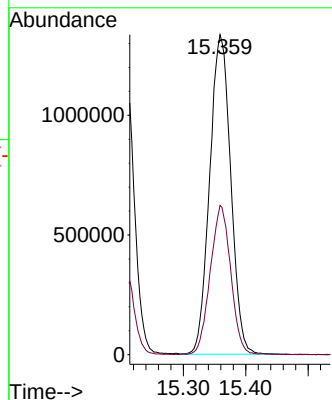
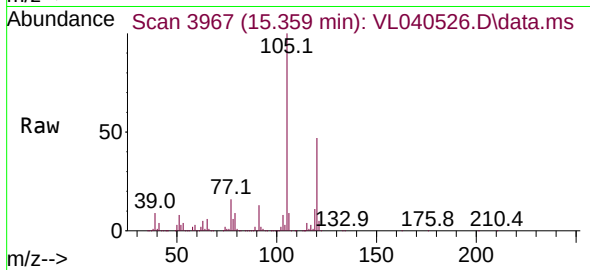
120 46.6 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#74

1,2,4-Trimethylbenzene

Concen: 12.141 ppbv

RT: 16.118 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040526.D

Acq: 11 Jul 2023 10:02

Tgt Ion:105 Resp: 3605219

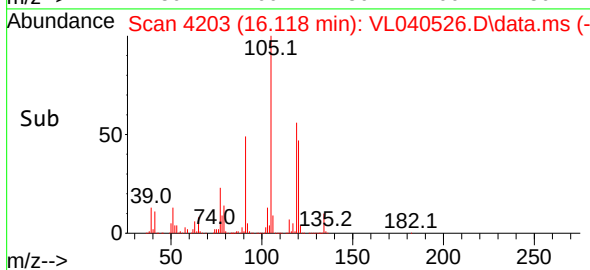
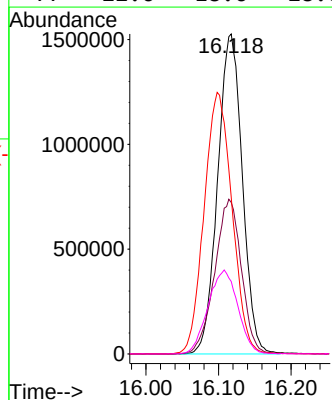
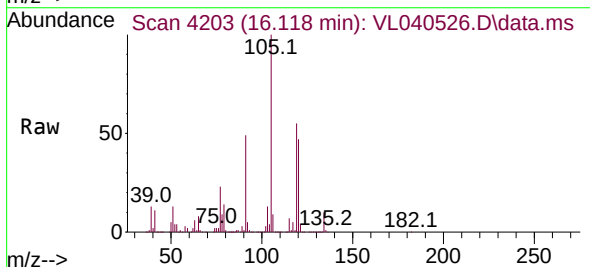
Ion Ratio Lower Upper

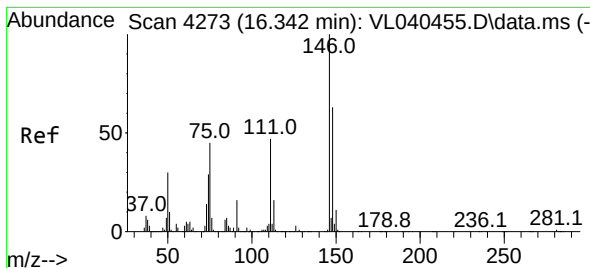
105 100

120 47.3 40.3 60.5

91 48.8 46.8 70.2

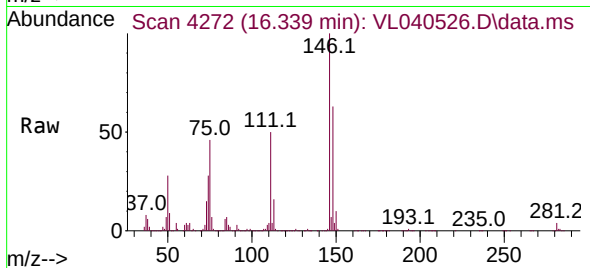
77 22.6 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 11.551 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

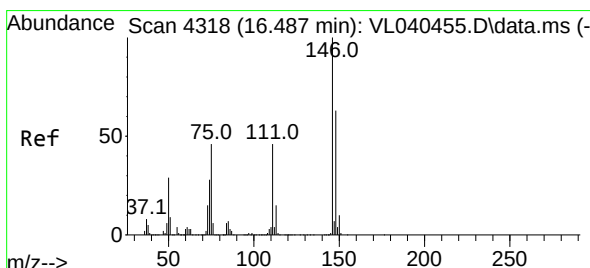
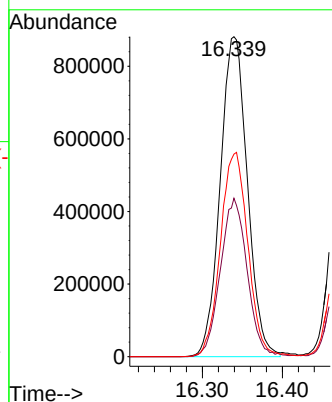
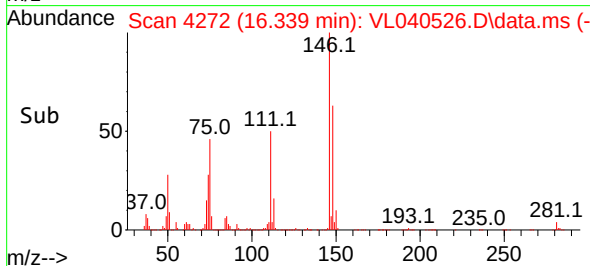
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 2079660
Ion Ratio Lower Upper
146 100
111 48.8 23.6 71.0
148 64.7 32.2 96.6

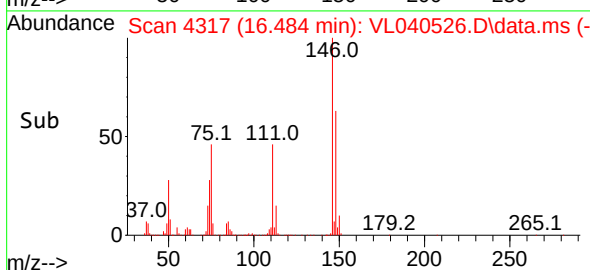
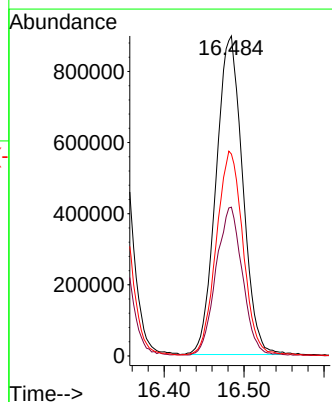
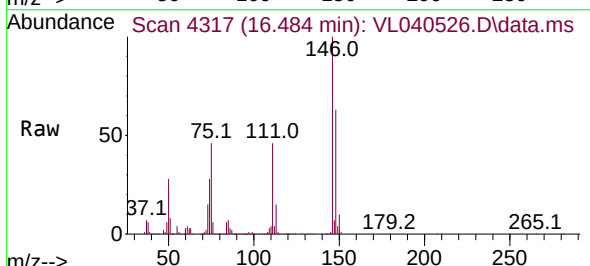
Manual Integrations
APPROVED

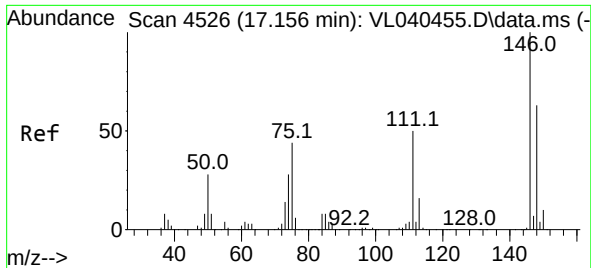
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#76
1,4-Dichlorobenzene
Concen: 11.700 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

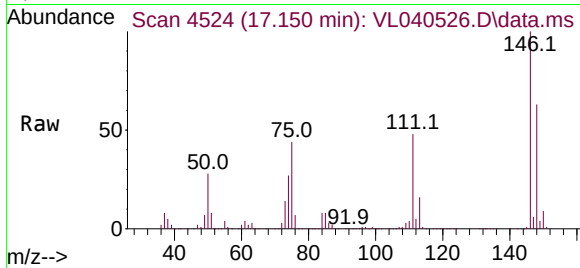
Tgt Ion:146 Resp: 2065406
Ion Ratio Lower Upper
146 100
111 47.2 22.8 68.3
148 65.1 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 11.618 ppbv
RT: 17.150 min Scan# 4526
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

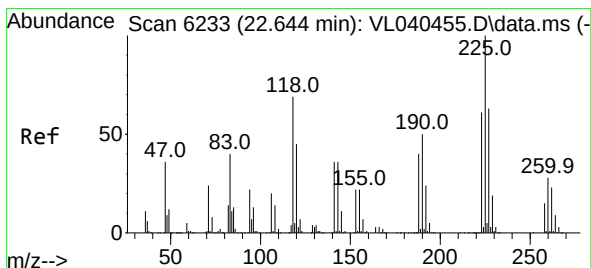
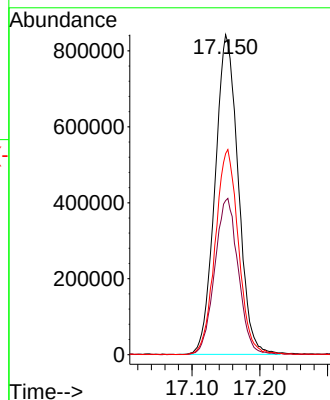
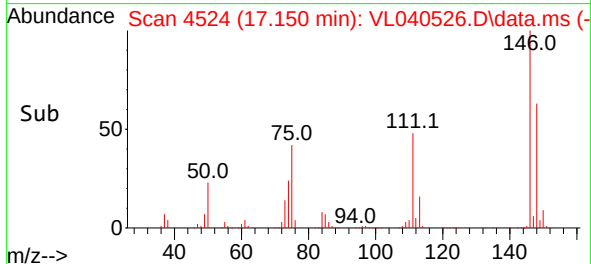
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



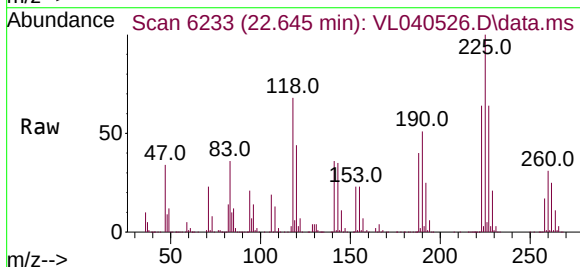
Tgt Ion:146 Resp: 2000040
Ion Ratio Lower Upper
146 100
111 49.7 24.3 72.8
148 64.2 32.1 96.3

Manual Integrations
APPROVED

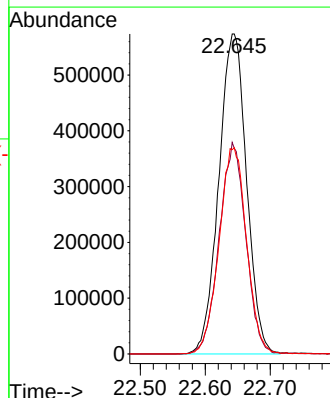
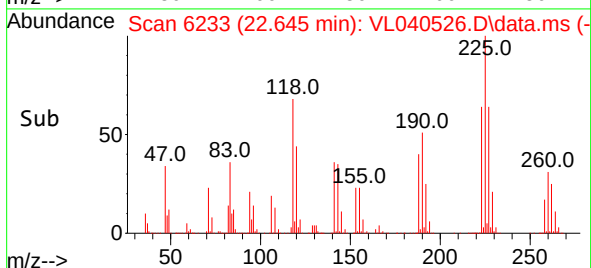
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

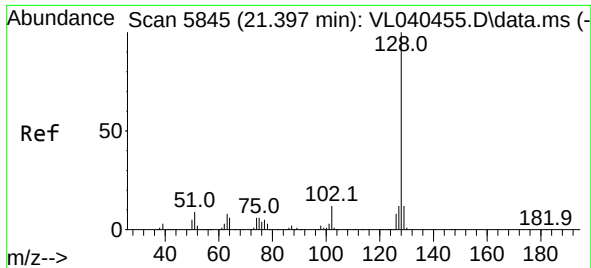


#78
Hexachloro-1,3-Butadiene
Concen: 10.534 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



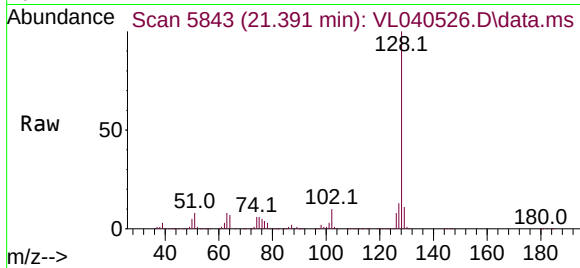
Tgt Ion:225 Resp: 1703079
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 64.1 51.0 76.6





#79
Naphthalene
Concen: 13.442 ppbv
RT: 21.391 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

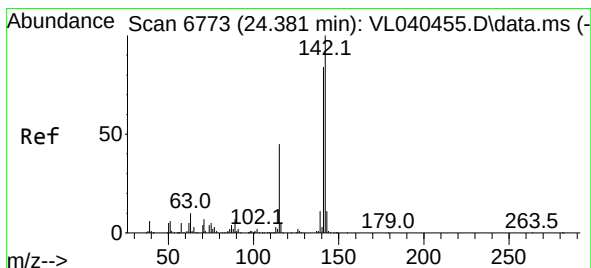
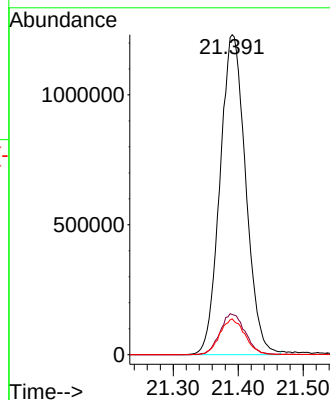
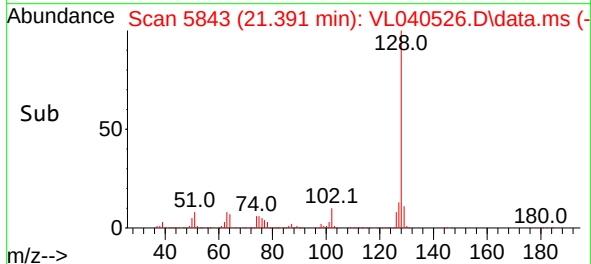
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



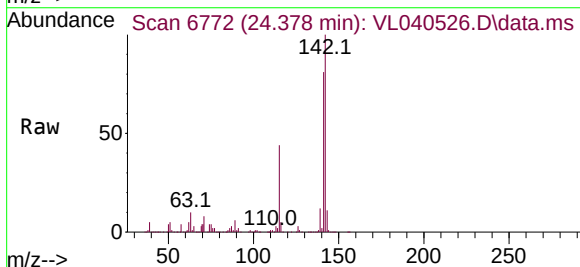
Tgt Ion:128 Resp: 337729
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 11.2 9.2 13.8

Manual Integrations
APPROVED

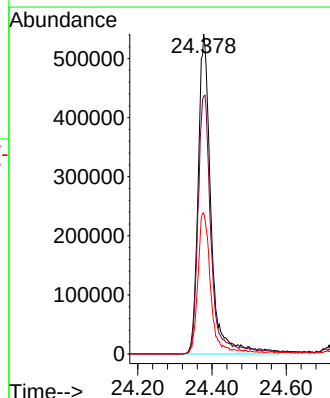
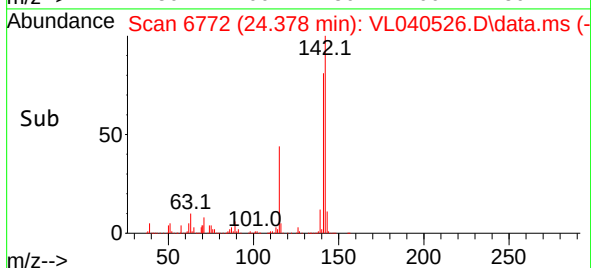
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

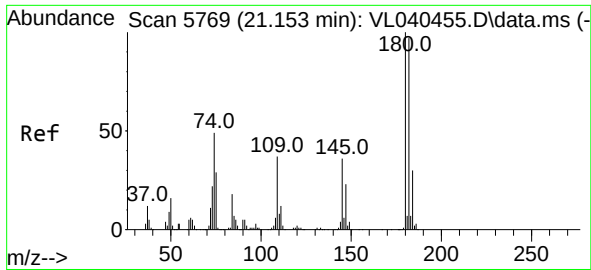


#80
Naphthalene,2-methyl-
Concen: 12.592 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02



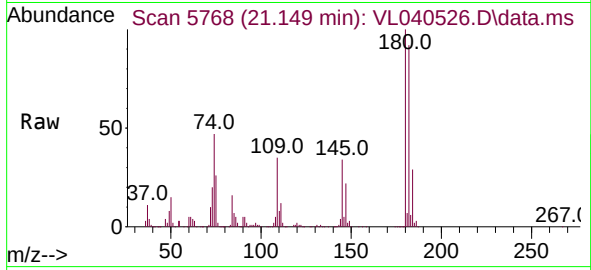
Tgt Ion:142 Resp: 1304464
Ion Ratio Lower Upper
142 100
141 82.1 66.7 100.1
115 44.3 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 11.799 ppbv
RT: 21.149 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040526.D
Acq: 11 Jul 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 204286
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
184 30.4 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

