

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040567.D
 Acq On : 27 Jul 2023 9:31
 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 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 10:08:21 2023

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

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

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	5.179	49	1078540	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2777046	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2827349m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.774 95 2090837 9.344 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	2014416	9.337	ppbv	100
3) Chlorodifluoromethane	2.658	51	1781519	10.421	ppbv	98
4) Chloromethane	2.796	50	709644	10.479	ppbv	93
5) Vinyl Chloride	2.906	62	774689	10.894	ppbv	98
6) Bromomethane	3.105	94	335424	11.175	ppbv	94
7) Chloroethane	3.182	64	276754	11.092	ppbv	98
8) Dichlorotetrafluoroethane	2.841	85	1906505	10.741	ppbv	99
9) Propene	2.678	41	584025	9.979	ppbv	99
10) Heptane	7.571	43	1442064	11.159	ppbv	100
11) Trichlorofluoromethane	3.549	101	1933014	11.104	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.054	101	1377293	11.234	ppbv	97
13) Ethanol	3.227	45	137847	10.826	ppbv	99
14) Bromoethene	3.353	108	597982	11.344	ppbv	99
15) Acetone	3.452	43	1348148	10.859	ppbv	99
16) 1,3-Butadiene	2.970	39	681694	10.884	ppbv	99
17) tert-Butyl alcohol	3.861	59	1588413	12.370	ppbv	99
18) 1,1-Dichloroethene	3.867	96	646013	11.462	ppbv	98
19) Isopropyl Alcohol	3.559	45	886903	12.444	ppbv #	97
20) Methylene Chloride	3.919	84	550454	10.424	ppbv	98
21) Allyl Chloride	3.983	41	792275	11.175	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	637982	11.473	ppbv	99
23) Vinyl Acetate	4.613	43	1297376	10.969	ppbv	99
24) 1,1-Dichloroethane	4.549	63	1316511	10.966	ppbv	99
25) Ethyl Acetate	5.195	43	2537226	10.735	ppbv	99
26) Hexane	5.202	57	1154579	10.515	ppbv	99
27) Carbon Disulfide	4.112	76	1572680	12.176	ppbv	100
28) Methyl tert-Butyl Ether	4.575	73	966876	10.938	ppbv	99
29) Chloroform	5.263	83	1962495	10.776	ppbv	100
30) Cyclohexane	6.594	84	997489	10.917	ppbv	96
31) cis-1,2-Dichloroethene	5.066	61	1208430	11.134	ppbv	99
32) 1,1,1-Trichloroethane	5.992	97	1948255	10.933	ppbv	99
34) 2-Butanone	4.774	43	1538059	11.208	ppbv	99
35) Carbon Tetrachloride	6.484	117	1990038	11.907	ppbv	99
36) Benzene	6.362	78	2467124	11.041	ppbv	98
37) 1,2-Dichloroethane	5.796	62	1485570	11.301	ppbv	99
38) Trichloroethene	7.285	130	993540	11.755	ppbv	99
39) 1,2-Dichloropropane	7.063	63	932705	10.843	ppbv	96
40) 1,4-Dioxane	7.282	88	327053	12.156	ppbv #	32
41) Tetrahydrofuran	5.546	42	916735	11.448	ppbv	99
42) Bromodichloromethane	7.240	83	2131943	11.661	ppbv	96
43) Methyl Methacrylate	7.465	69	990270	11.840	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	3946808	10.978	ppbv	98
45) t-1,3-Dichloropropene	8.706	75	726735	13.546	ppbv	98

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 10:08:21 2023

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

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

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

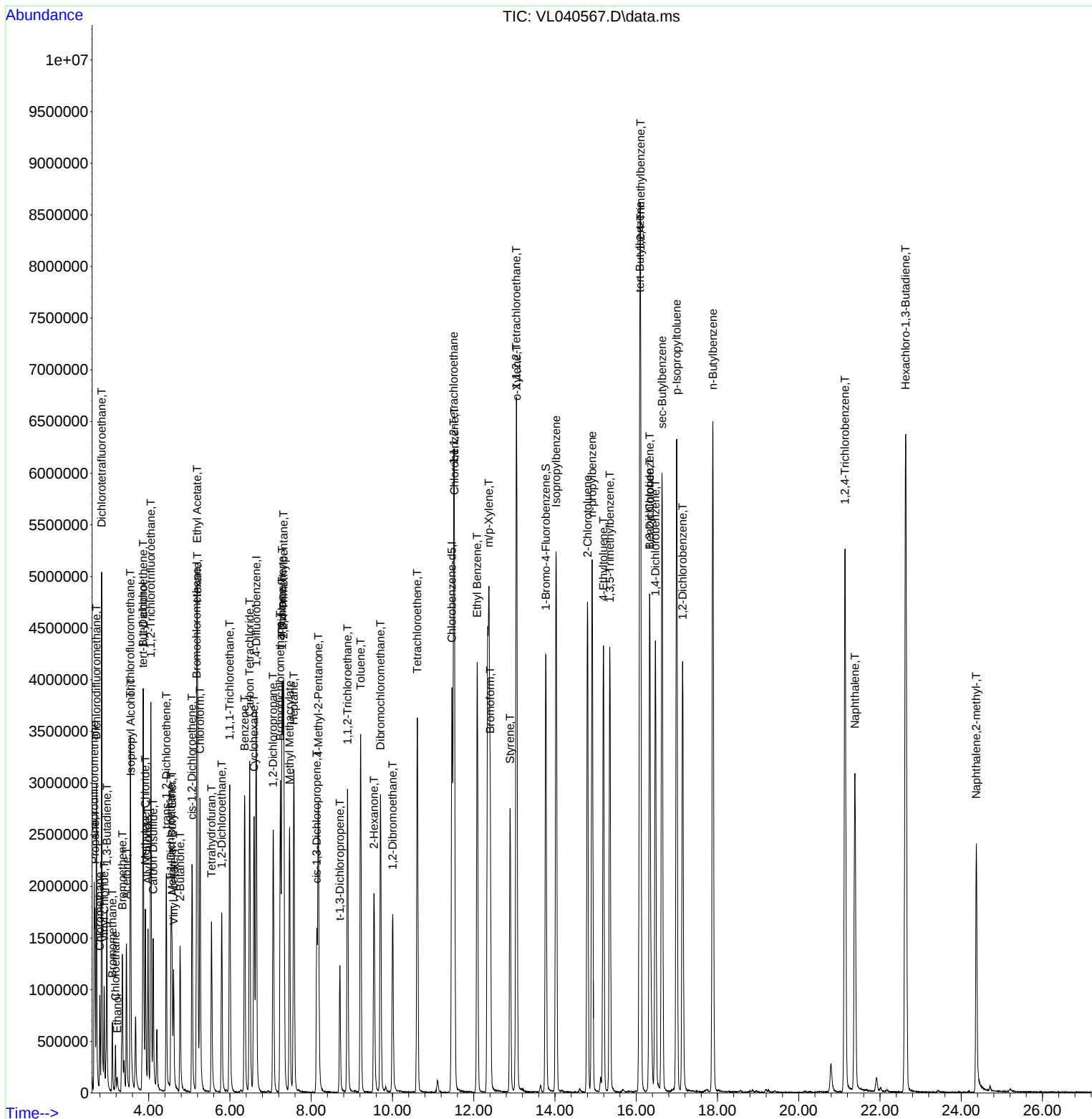
Response via : Initial Calibration

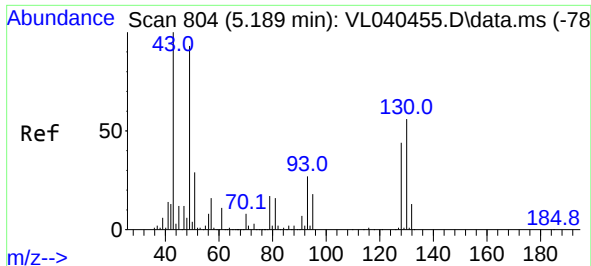
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	875893	12.724	ppbv	96
47) 1,1,2-Trichloroethane	8.893	97	1040423	10.963	ppbv	98
48) Dibromochloromethane	9.706	129	1758656	11.985	ppbv	99
49) Bromoform	12.407	173	1439483	12.374	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2364807	11.861	ppbv	97
51) 2-Hexanone	9.545	43	1747354	12.393	ppbv #	99
52) Tetrachloroethene	10.613	164	863168	11.929	ppbv	96
53) Toluene	9.217	91	2820248	11.620	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1419420	12.033	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1306545	10.318	ppbv	96
57) Chlorobenzene	11.526	112	2227317	10.101	ppbv	97
58) Ethyl Benzene	12.085	91	3883868	10.946	ppbv	100
59) m/p-Xylene	12.372	91	6691967m	21.131	ppbv	
60) o-Xylene	13.060	91	3225895	10.693	ppbv	99
61) Styrene	12.896	104	1652125	11.872	ppbv	99
62) Isopropylbenzene	14.028	105	4702957	10.401	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.047	83	2263608	10.714	ppbv	100
64) n-propylbenzene	14.918	120	1233830	10.547	ppbv	94
65) tert-Butylbenzene	16.092	119	4182657	10.449	ppbv	97
66) Benzyl Chloride	16.330	91	334460	11.811	ppbv	99
67) sec-Butylbenzene	16.635	105	6094522	10.362	ppbv	99
69) p-Isopropyltoluene	16.995	119	5086084	10.464	ppbv	99
70) n-Butylbenzene	17.889	91	5716981	10.547	ppbv	99
71) 2-Chlorotoluene	14.802	91	3714502	10.659	ppbv	99
72) 4-Ethyltoluene	15.191	105	3863443	10.925	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	3408995	10.936	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	3812192	10.489	ppbv	96
75) 1,3-Dichlorobenzene	16.330	146	2243192	10.180	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	2198911	10.177	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	2174887	10.322	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1849310	9.346	ppbv	100
79) Naphthalene	21.384	128	3881386	12.622	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1608041	12.683	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	2269168	10.708	ppbv	100

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

Manual Integrations APPROVED

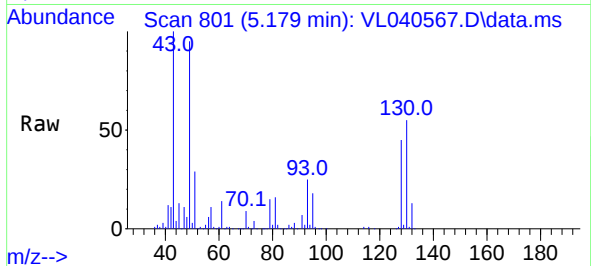
Quant Time: Jul 27 10:08:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.023 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

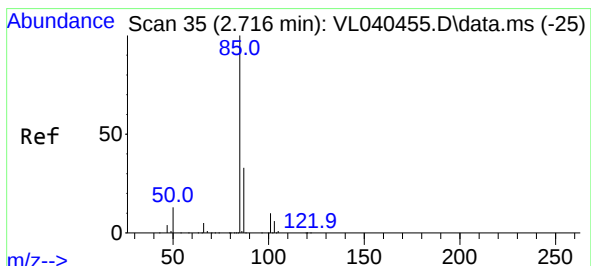
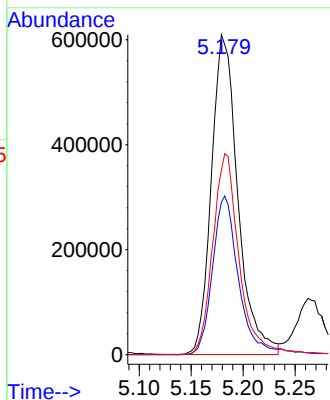
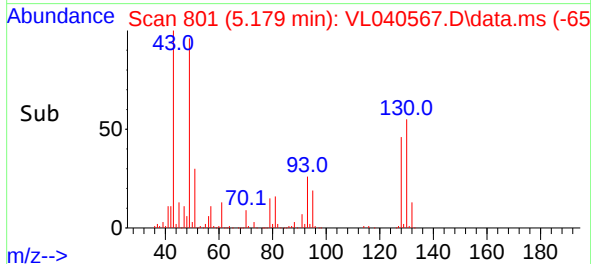
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 1078540
Ion Ratio Lower Upper
49 100
128 50.1 25.1 75.4
130 63.6 31.6 94.7

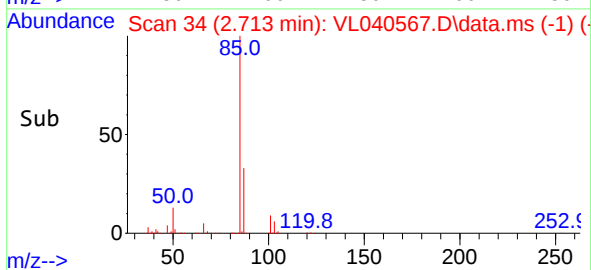
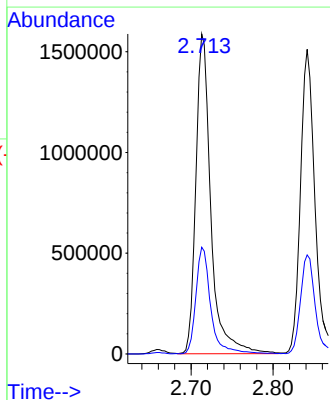
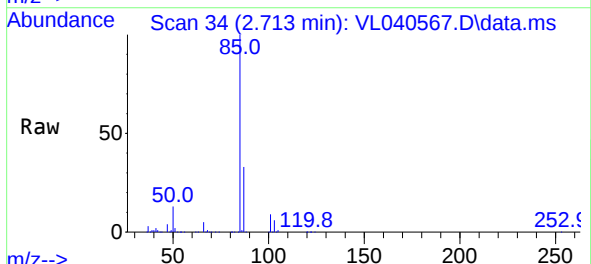
Manual Integrations
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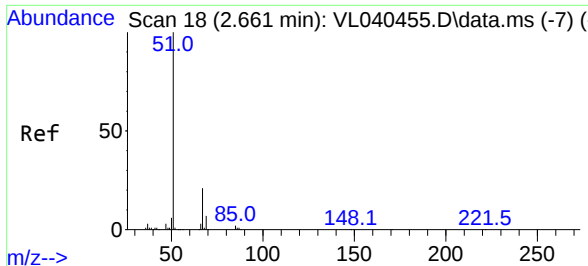
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#2
Dichlorodifluoromethane
Concen: 9.337 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Tgt Ion: 85 Resp: 2014416
Ion Ratio Lower Upper
85 100
87 33.3 26.8 40.2





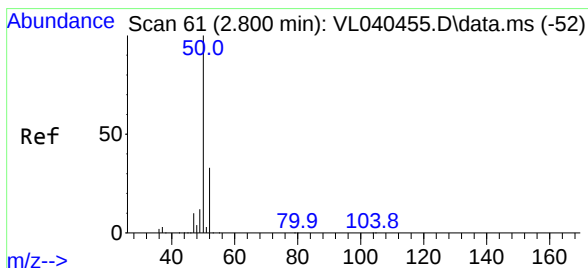
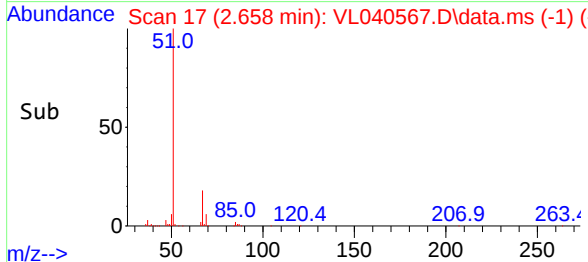
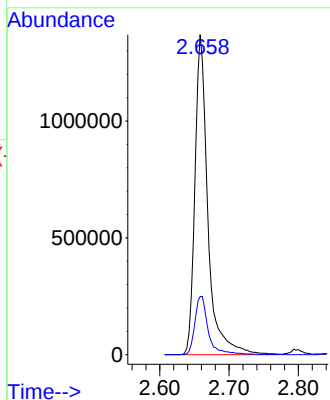
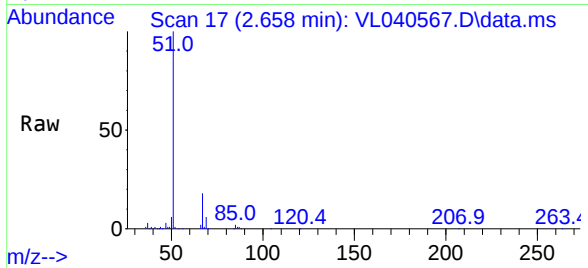
#3
Chlorodifluoromethane
Concen: 10.421 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1781519
Ion Ratio Lower Upper
51 100
67 19.0 14.6 21.8

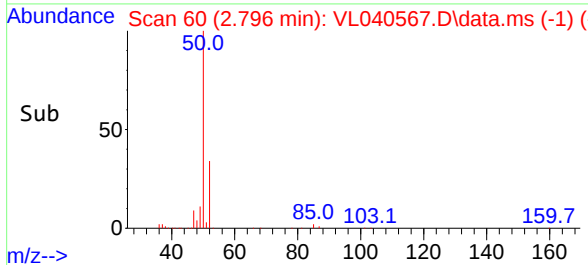
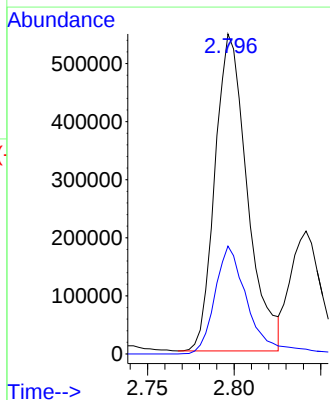
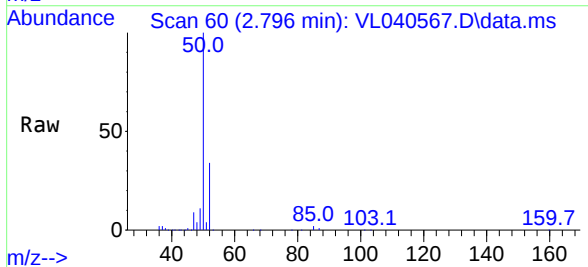
Manual Integrations
APPROVED

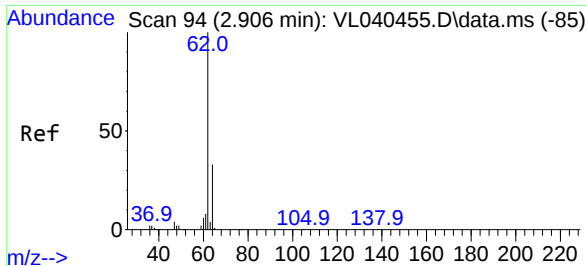
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#4
Chloromethane
Concen: 10.479 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

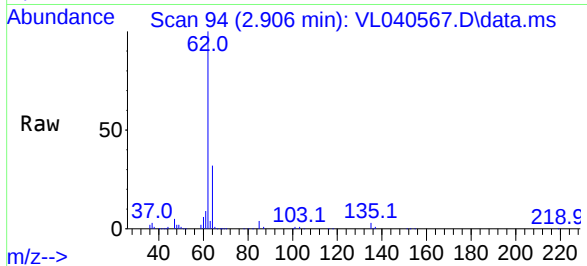
Tgt Ion: 50 Resp: 709644
Ion Ratio Lower Upper
50 100
52 34.1 24.4 36.6





#5
 Vinyl Chloride
 Concen: 10.894 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.022 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

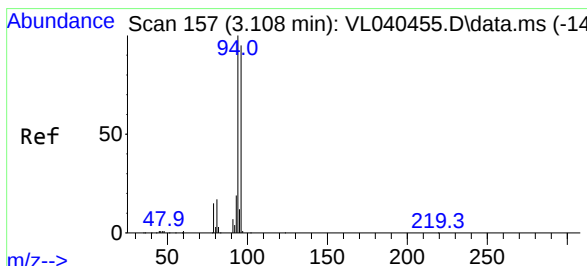
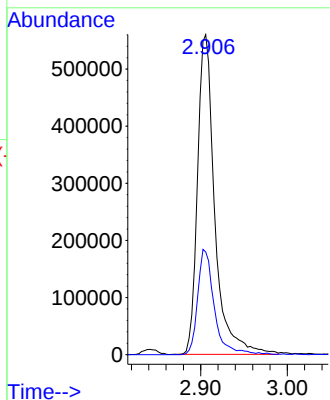
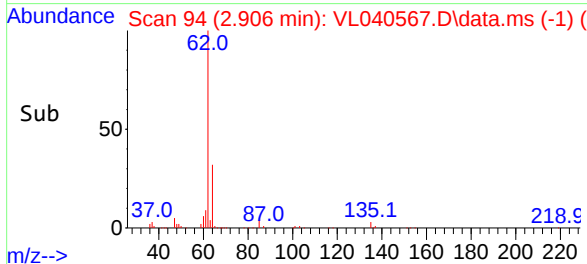
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 774689
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.4 39.6

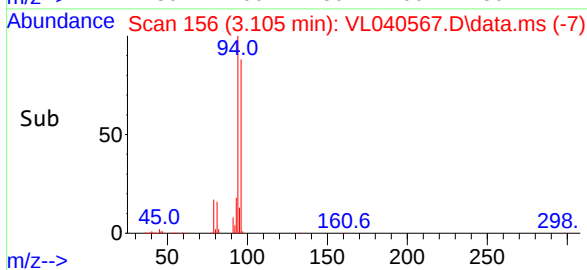
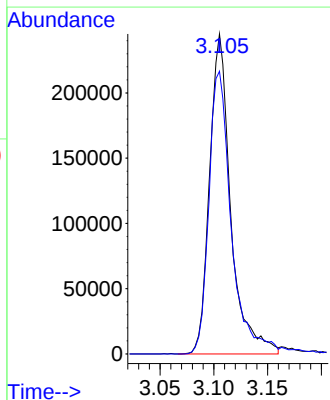
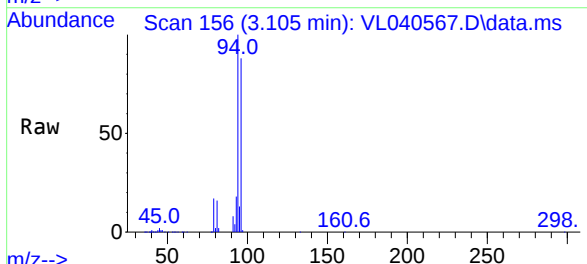
Manual Integrations
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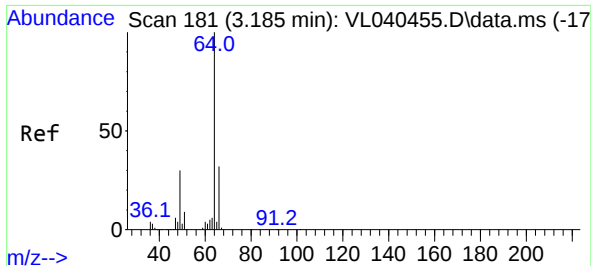
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#6
 Bromomethane
 Concen: 11.175 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.022 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

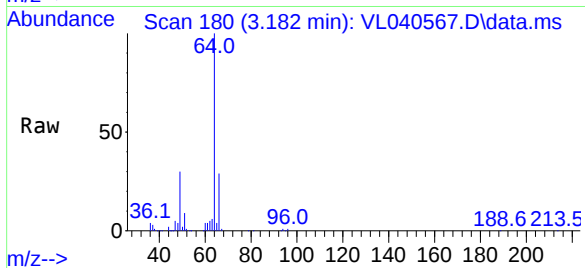
Tgt Ion: 94 Resp: 335424
 Ion Ratio Lower Upper
 94 100
 96 88.4 75.7 113.5





#7
Chloroethane
Concen: 11.092 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

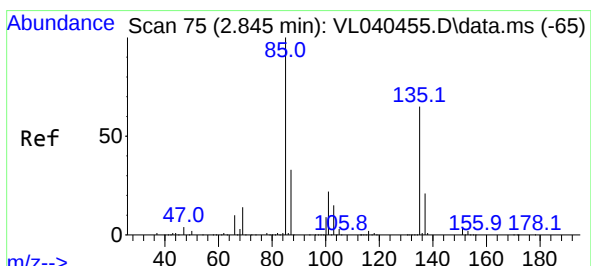
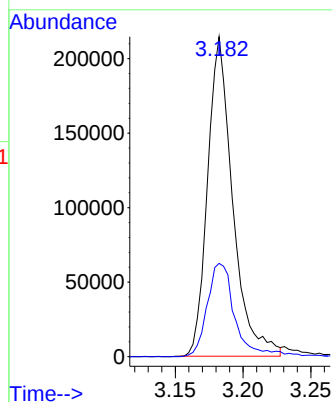
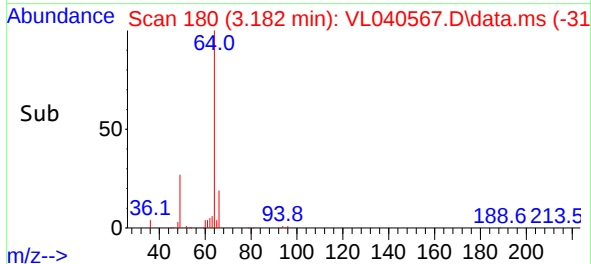
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



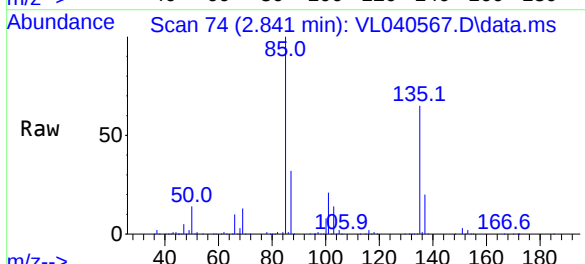
Tgt Ion: 64 Resp: 276754
Ion Ratio Lower Upper
64 100
66 29.1 24.4 36.6

Manual Integrations
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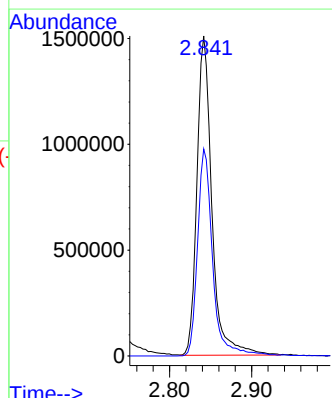
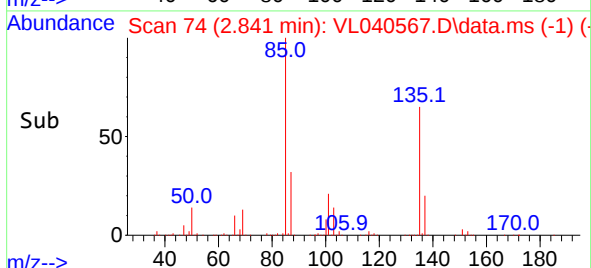
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



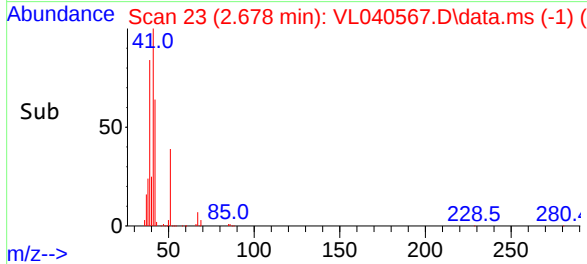
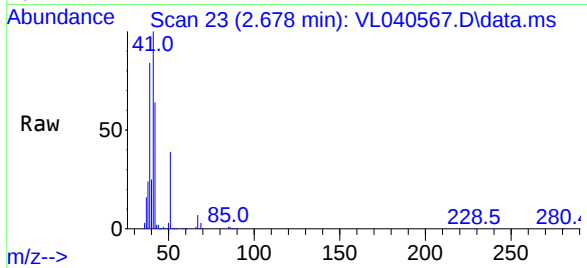
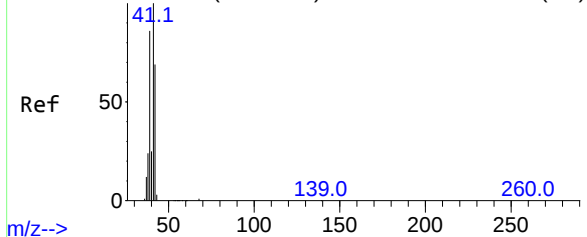
#8
Dichlorotetrafluoroethane
Concen: 10.741 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



Tgt Ion: 85 Resp: 1906505
Ion Ratio Lower Upper
85 100
135 66.0 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 9.979 ppbv

RT: 2.678 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Tgt Ion: 41 Resp: 584025

Ion Ratio Lower Upper

41 100

42 69.8 55.0 82.6

Instrument :

MSVOA_L

ClientSampleId :

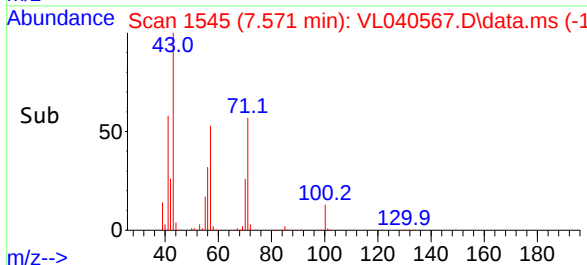
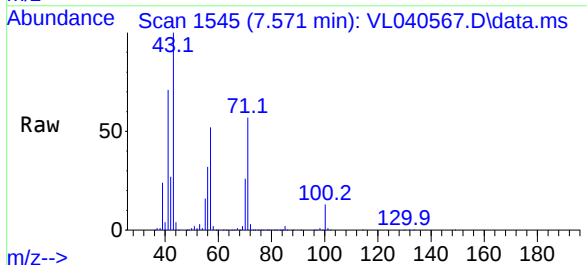
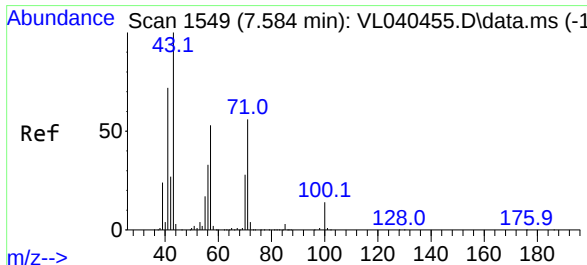
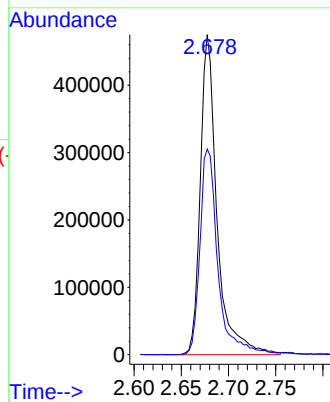
VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#10

Heptane

Concen: 11.159 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.019 min

Lab File: VL040567.D

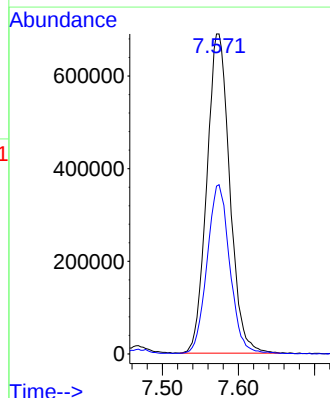
Acq: 27 Jul 2023 9:31

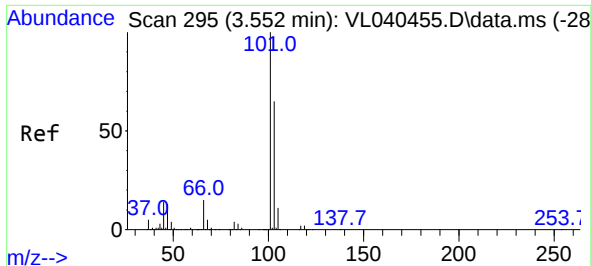
Tgt Ion: 43 Resp: 1442064

Ion Ratio Lower Upper

43 100

57 53.1 42.5 63.7





#11
Trichlorofluoromethane
Concen: 11.104 ppbv
RT: 3.549 min Scan# 295
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

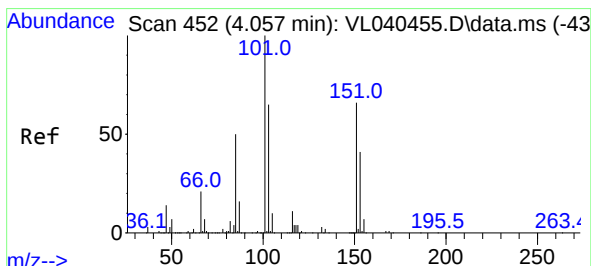
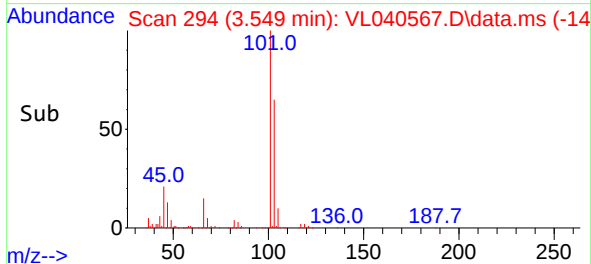
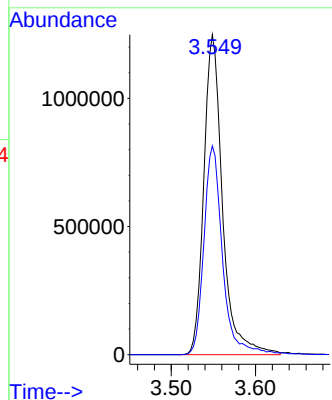
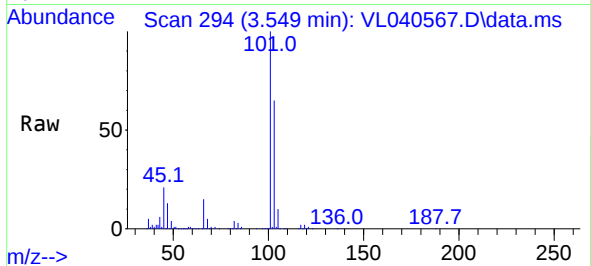
VSTDCCC010EC

Tgt Ion:101 Resp: 1933014
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.0

Manual Integrations

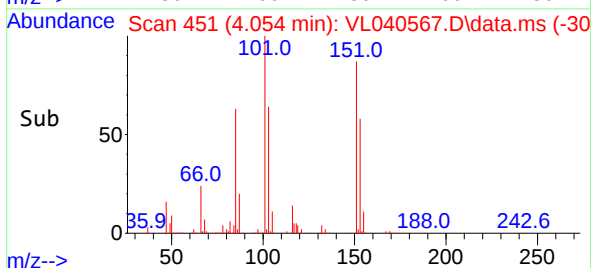
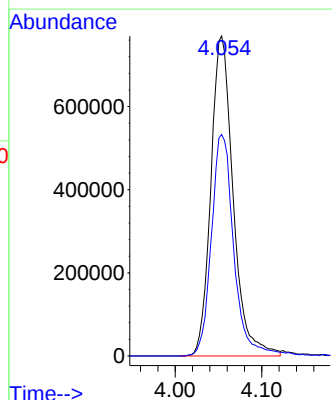
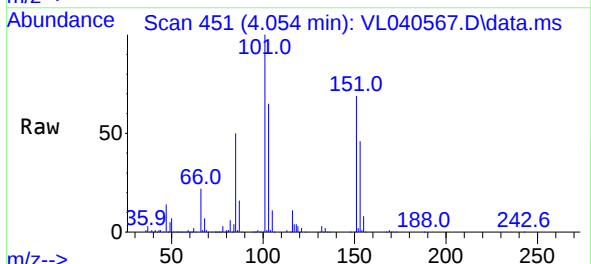
APPROVED

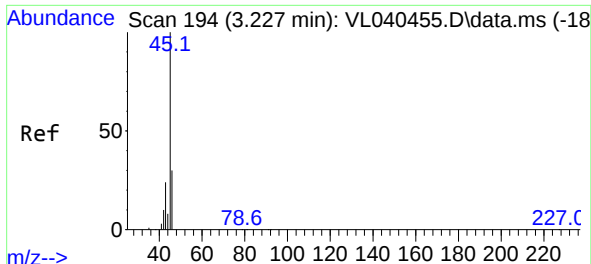
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.234 ppbv
RT: 4.054 min Scan# 451
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

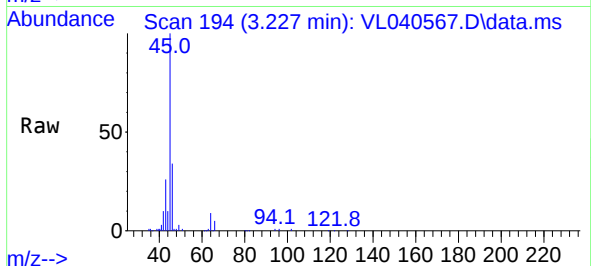
Tgt Ion:101 Resp: 1377293
Ion Ratio Lower Upper
101 100
151 70.0 58.2 87.4





#13
Ethanol
Concen: 10.826 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

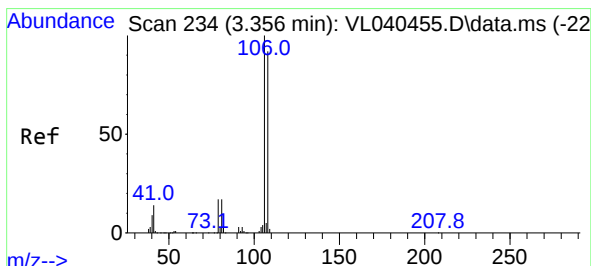
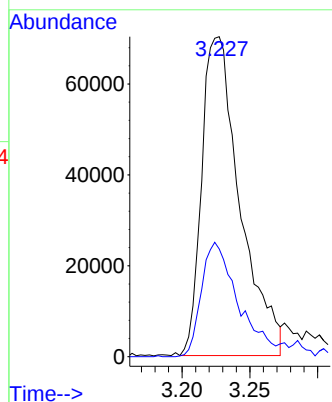
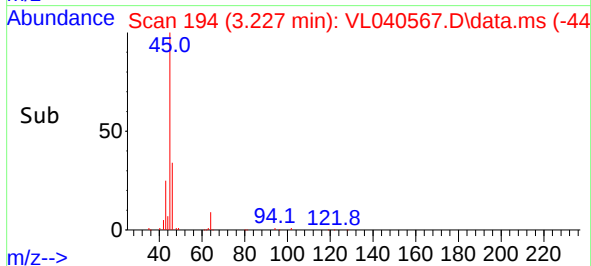
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



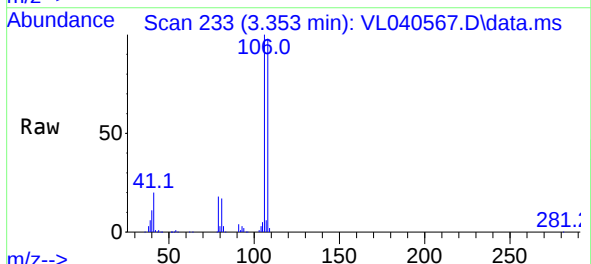
Tgt Ion: 45 Resp: 13784
Ion Ratio Lower Upper
45 100
46 39.0 15.3 61.1

Manual Integrations
APPROVED

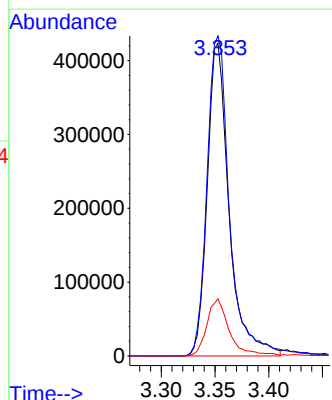
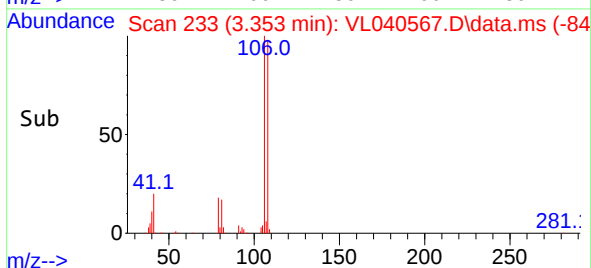
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

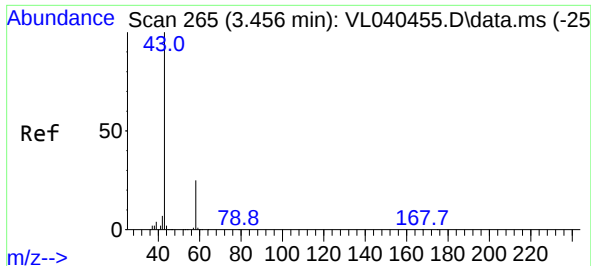


#14
Bromoethene
Concen: 11.344 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



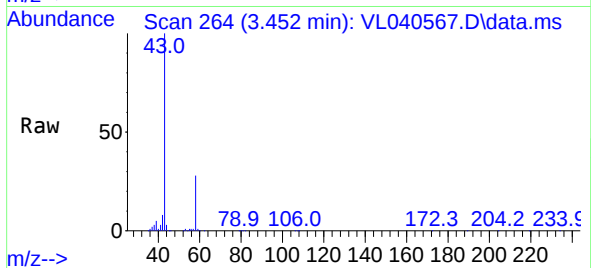
Tgt Ion:108 Resp: 597982
Ion Ratio Lower Upper
108 100
106 107.7 87.2 130.8
79 19.4 15.3 22.9





#15
Acetone
Concen: 10.859 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

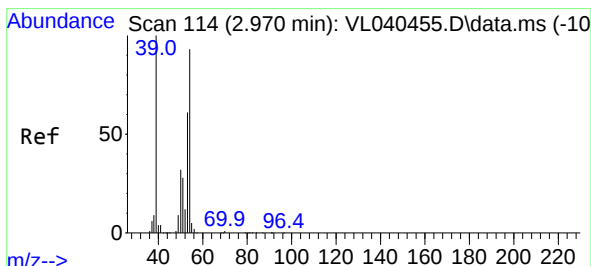
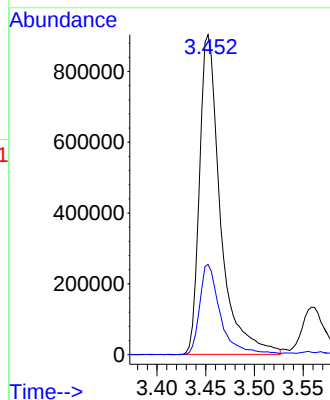
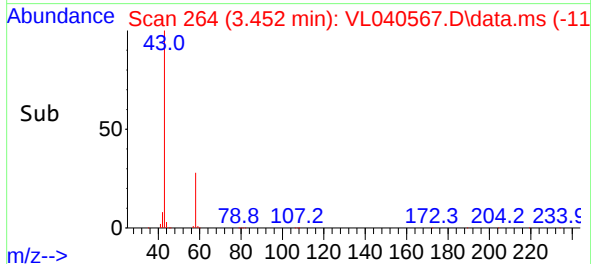
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 134814
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3

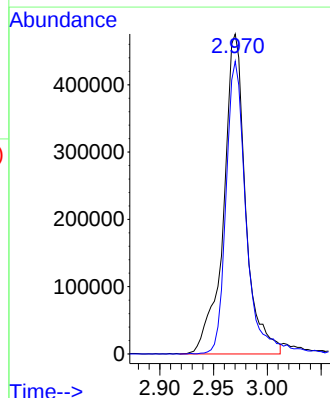
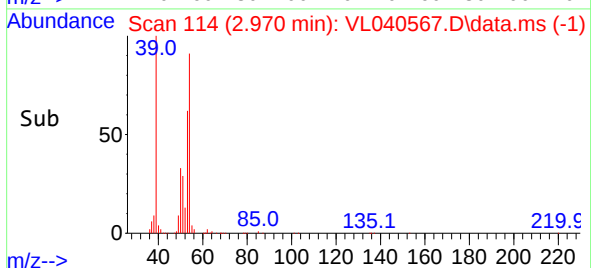
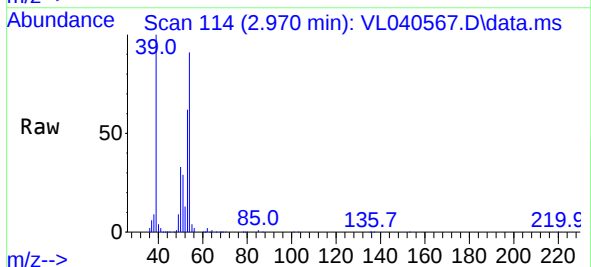
Manual Integrations
APPROVED

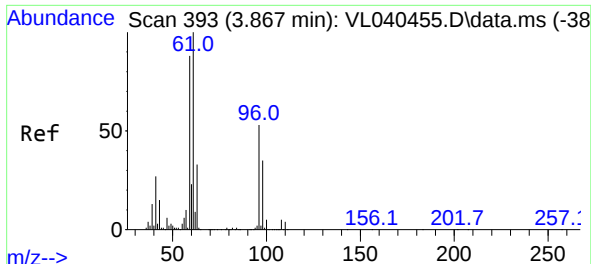
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#16
1,3-Butadiene
Concen: 10.884 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Tgt Ion: 39 Resp: 681694
Ion Ratio Lower Upper
39 100
54 84.6 66.6 100.0





#17

tert-Butyl alcohol

Concen: 12.370 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.023 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 158841

Ion Ratio Lower Upper

59 100

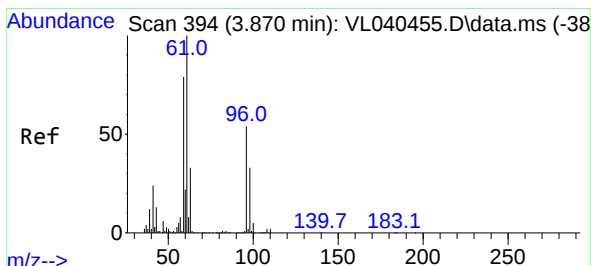
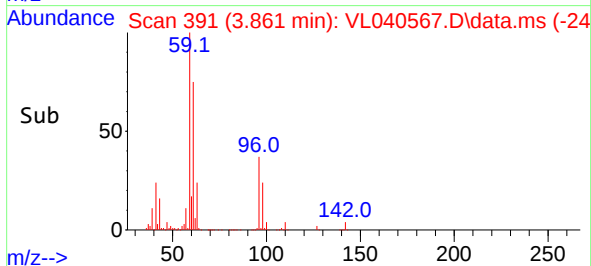
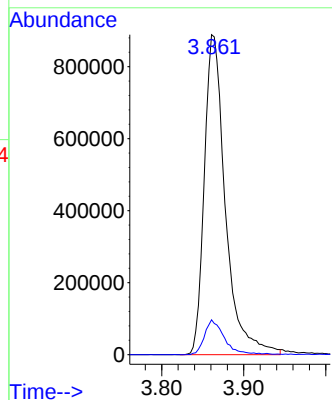
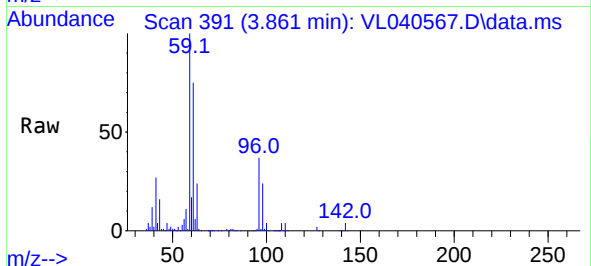
57 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#18

1,1-Dichloroethene

Concen: 11.462 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.022 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

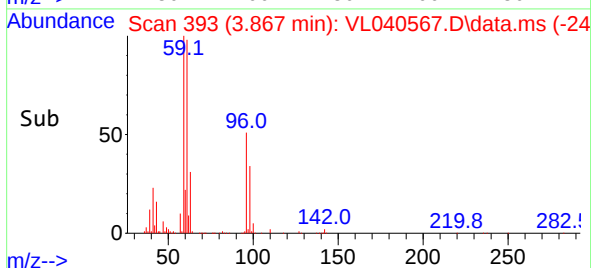
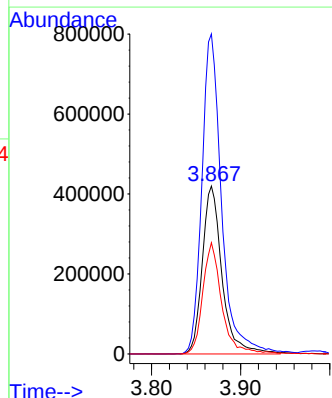
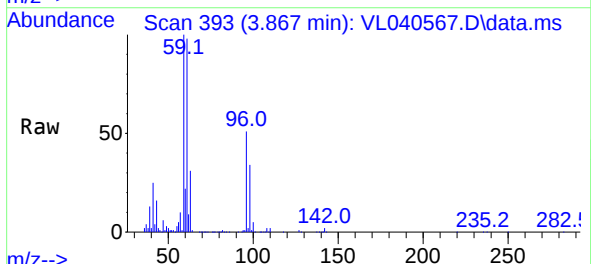
Tgt Ion: 96 Resp: 646013

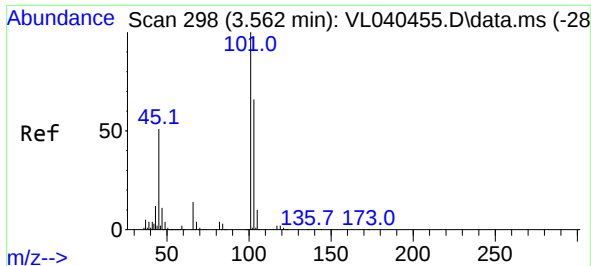
Ion Ratio Lower Upper

96 100

61 190.7 154.4 231.6

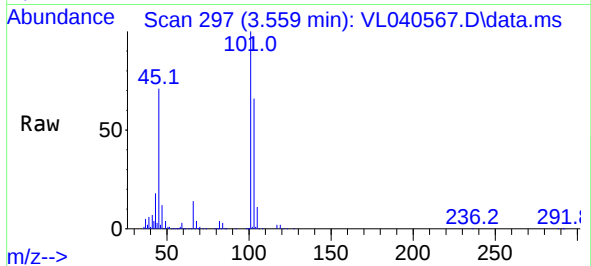
98 66.2 50.0 75.0





#19
Isopropyl Alcohol
Concen: 12.444 ppbv
RT: 3.559 min Scan# 298
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

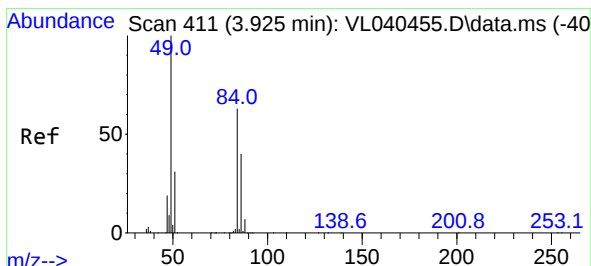
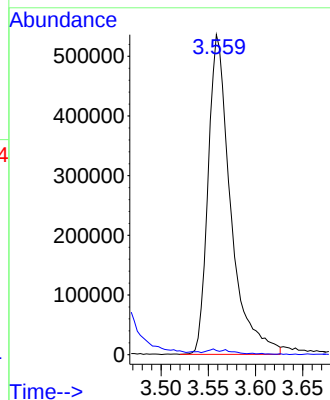
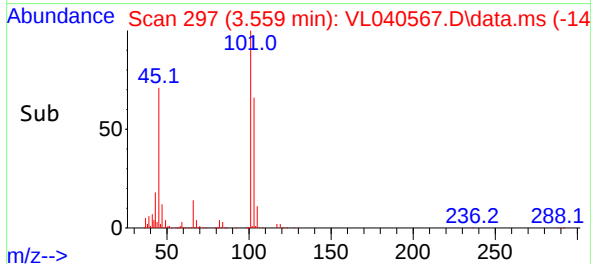
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



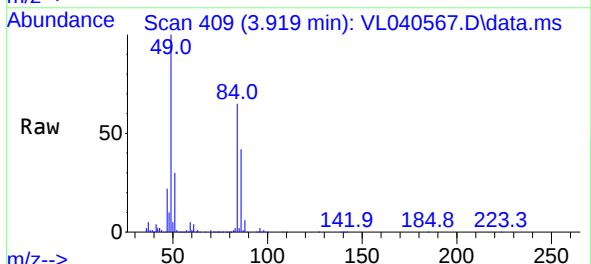
Tgt Ion: 45 Resp: 88690
Ion Ratio Lower Upper
45 100
58 2.4 1.1 1.7

Manual Integrations
APPROVED

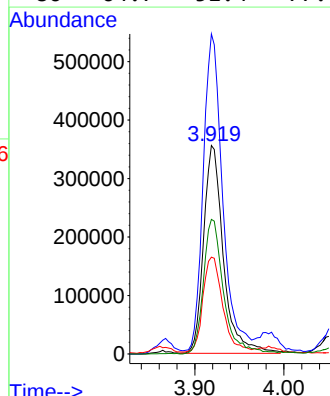
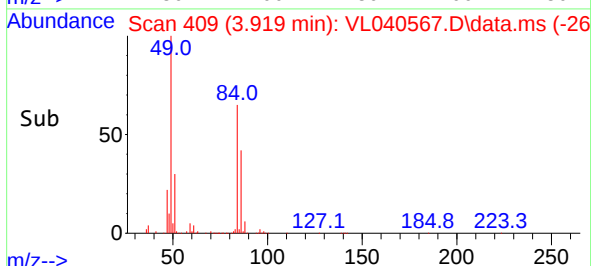
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

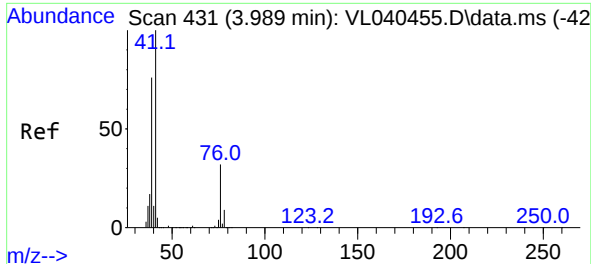


#20
Methylene Chloride
Concen: 10.424 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.022 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



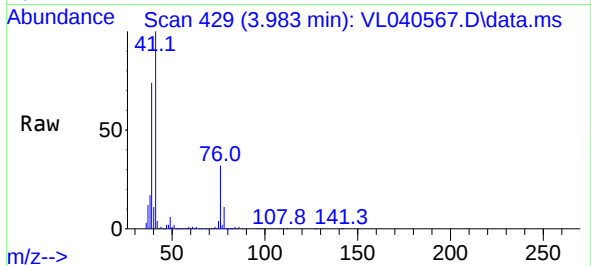
Tgt Ion: 84 Resp: 550454
Ion Ratio Lower Upper
84 100
49 152.1 123.4 185.2
51 45.5 38.3 57.5
86 64.7 51.4 77.0





#21
 Allyl Chloride
 Concen: 11.175 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

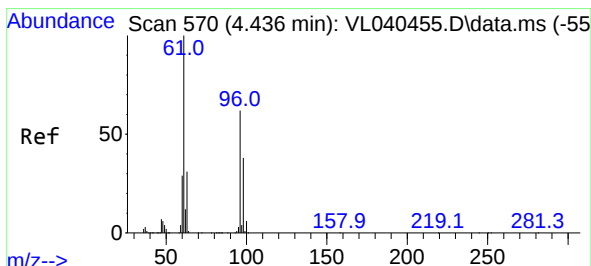
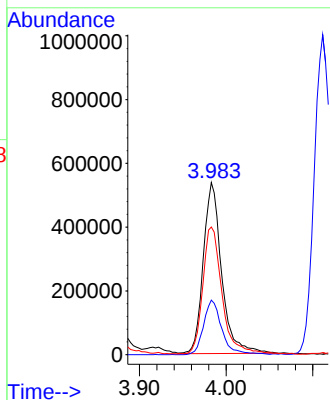
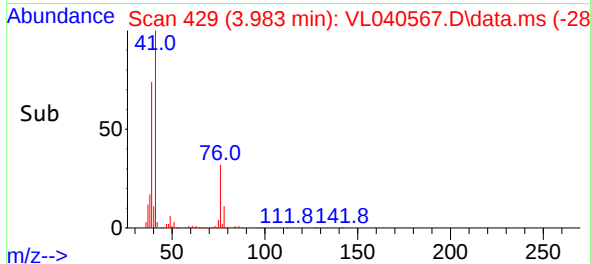
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



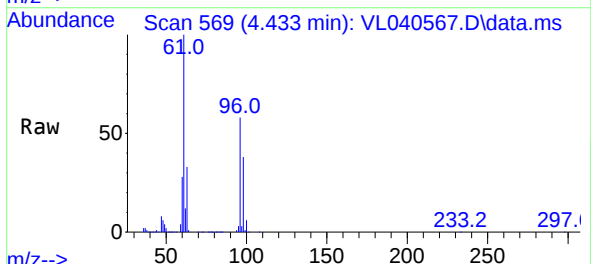
Tgt Ion: 41 Resp: 792275
 Ion Ratio Lower Upper
 41 100
 76 32.0 24.8 37.2
 39 78.1 60.6 91.0

Manual Integrations
 APPROVED

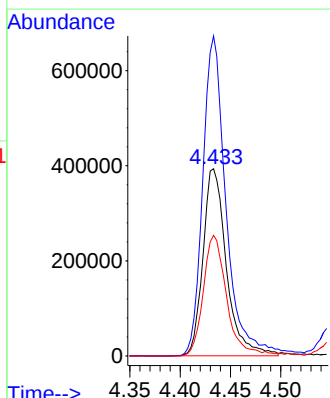
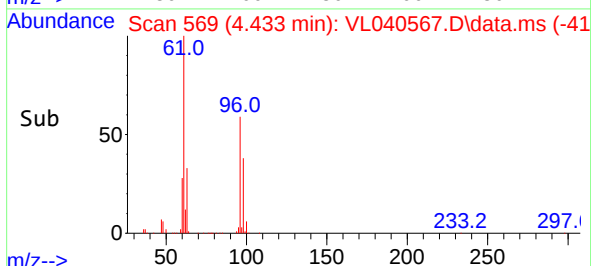
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

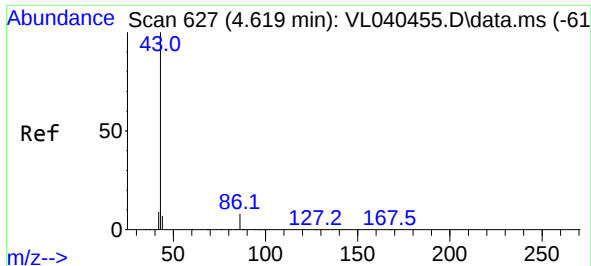


#22
 trans-1,2-Dichloroethene
 Concen: 11.473 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.019 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31



Tgt Ion: 96 Resp: 637982
 Ion Ratio Lower Upper
 96 100
 61 170.9 137.7 206.5
 98 64.6 52.9 79.3





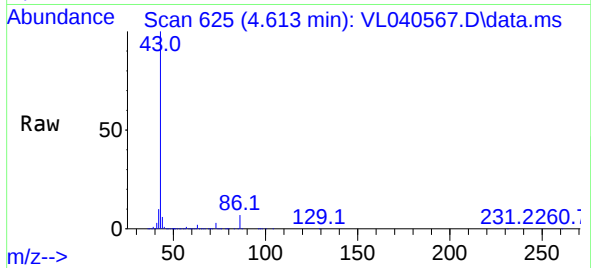
#23
 Vinyl Acetate
 Concen: 10.969 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

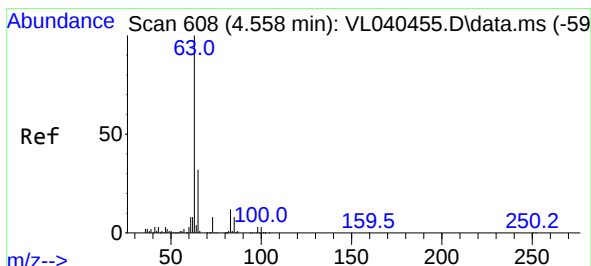
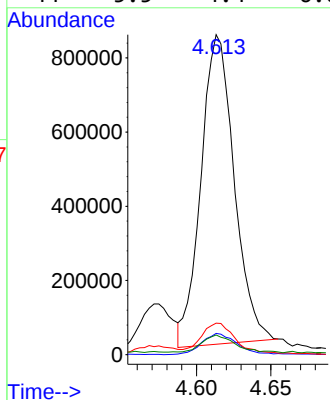
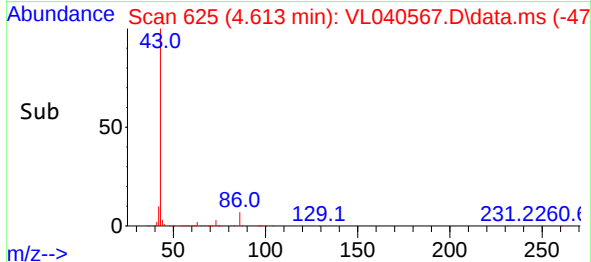


Tgt Ion: 43 Resp: 1297370
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 9.8 7.4 11.2
 44 5.5 4.4 6.6

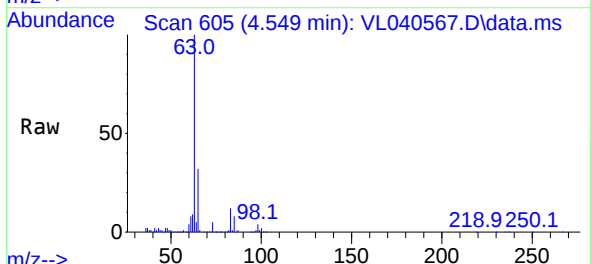
Manual Integrations

APPROVED

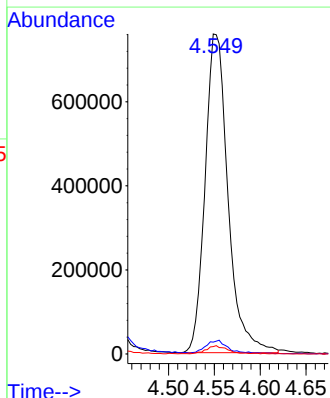
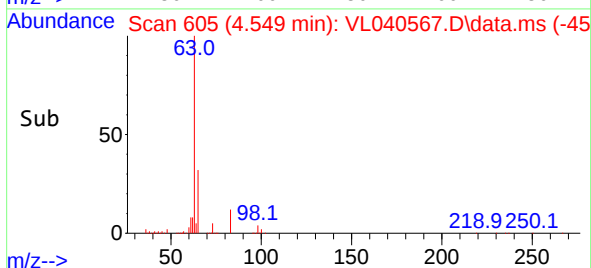
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

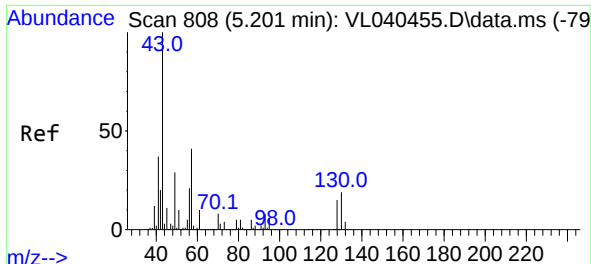


#24
 1,1-Dichloroethane
 Concen: 10.966 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.022 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31



Tgt Ion: 63 Resp: 1316511
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.8 5.5
 100 2.3 1.4 4.0





#25

Ethyl Acetate

Concen: 10.735 ppbv

RT: 5.195 min Scan# 808

Delta R.T. -0.016 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2537220

Ion Ratio Lower Upper

43 100

45 10.4 8.2 12.4

61 10.6 8.3 12.5

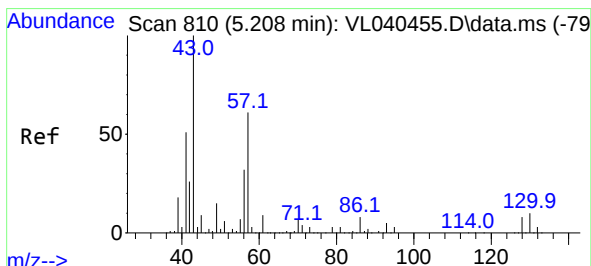
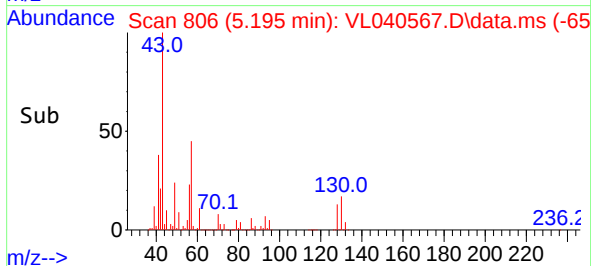
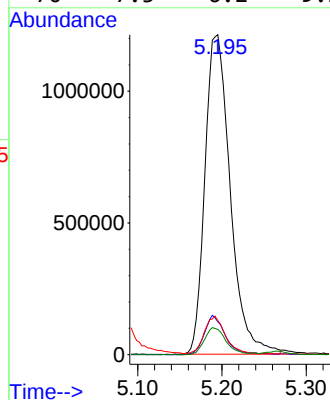
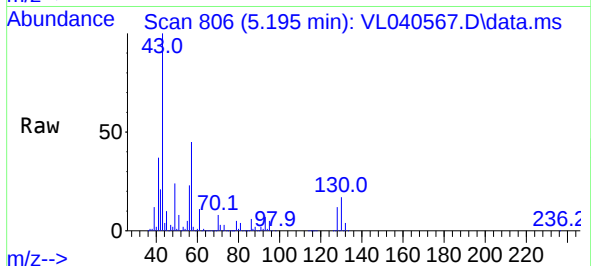
70 7.3 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#26

Hexane

Concen: 10.515 ppbv

RT: 5.202 min Scan# 808

Delta R.T. -0.019 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Tgt Ion: 57 Resp: 1154579

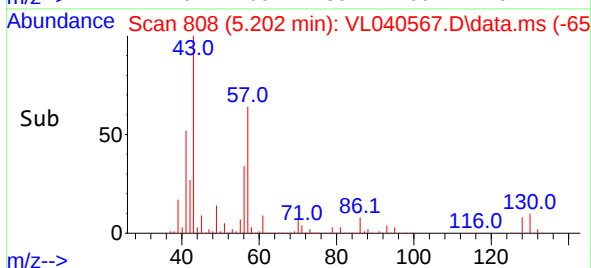
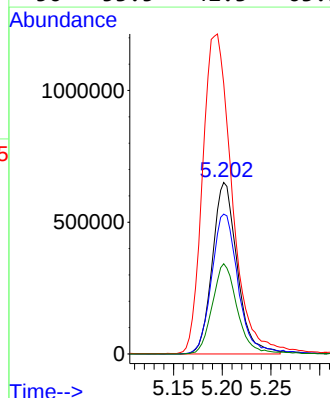
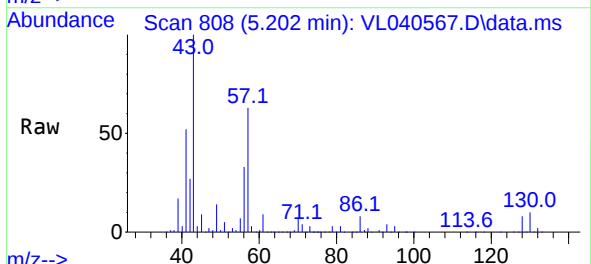
Ion Ratio Lower Upper

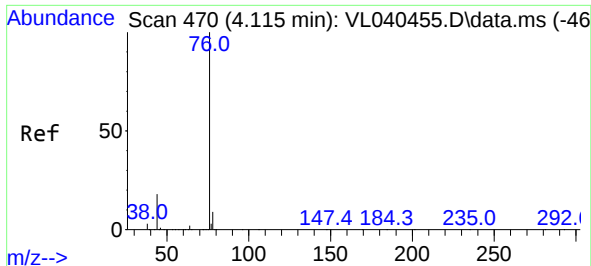
57 100

41 88.2 69.5 104.3

43 222.6 177.1 265.7

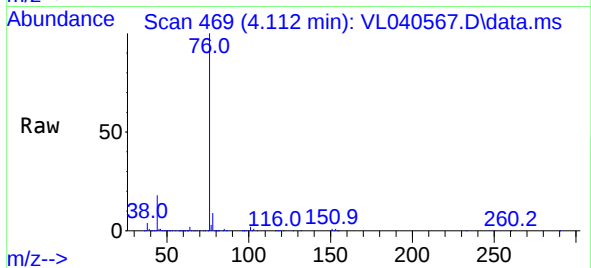
56 53.5 42.3 63.5





#27
Carbon Disulfide
Concen: 12.176 ppbv
RT: 4.112 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

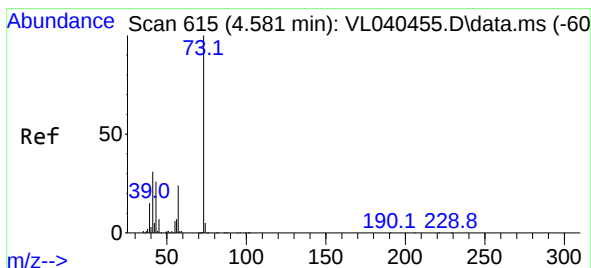
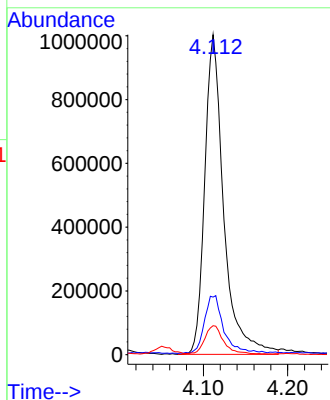
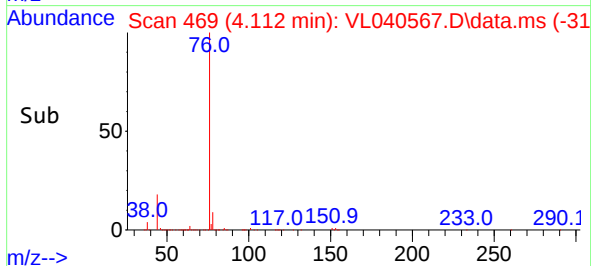
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



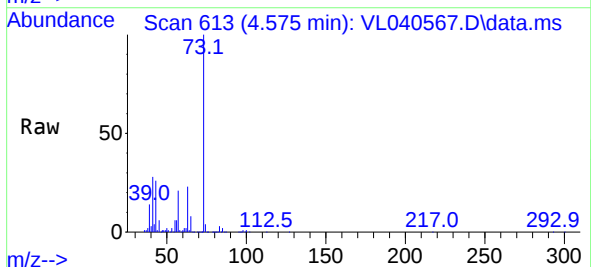
Tgt Ion: 76 Resp: 1572680
Ion Ratio Lower Upper
76 100
44 18.8 15.1 22.7
78 9.5 7.5 11.3

Manual Integrations
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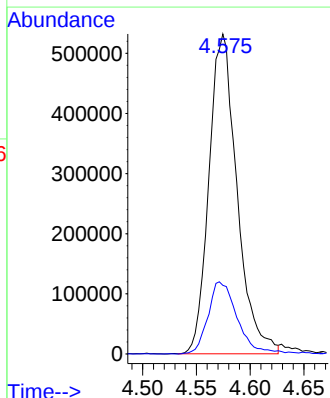
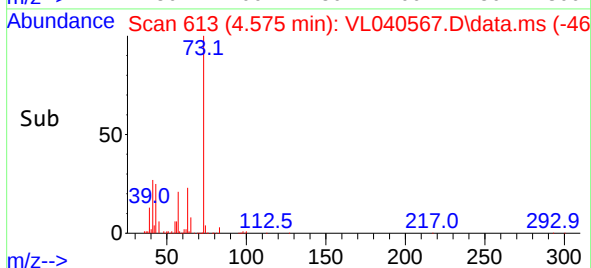
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

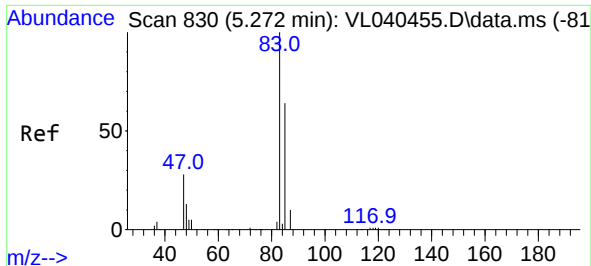


#28
Methyl tert-Butyl Ether
Concen: 10.938 ppbv
RT: 4.575 min Scan# 613
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



Tgt Ion: 73 Resp: 966876
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2





#29

Chloroform

Concen: 10.776 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 196249

Ion Ratio Lower Upper

83 100

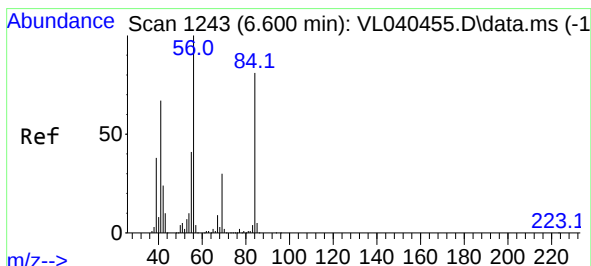
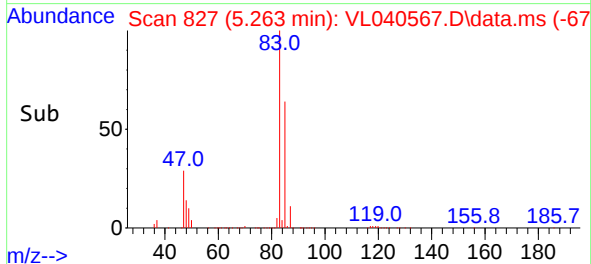
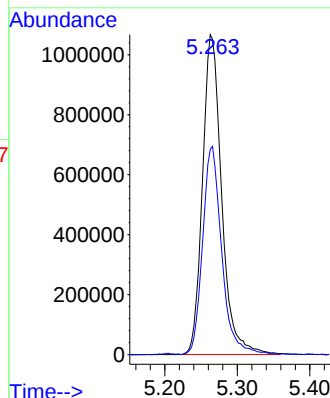
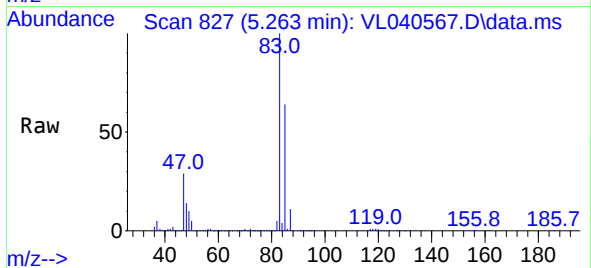
85 64.1 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#30

Cyclohexane

Concen: 10.917 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

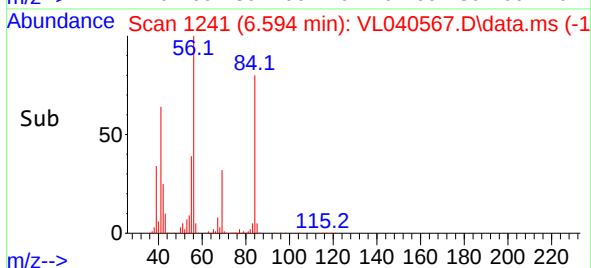
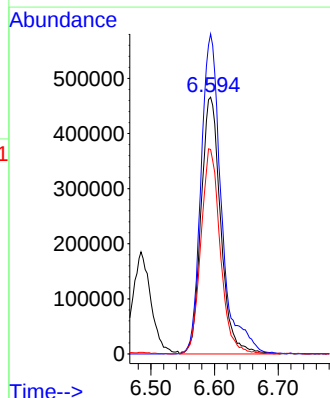
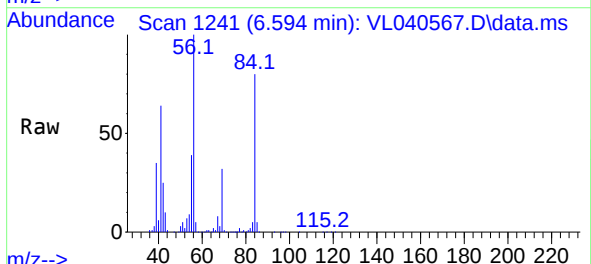
Tgt Ion: 84 Resp: 997489

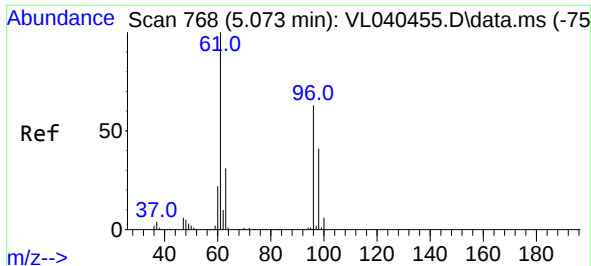
Ion Ratio Lower Upper

84 100

56 129.2 108.7 163.1

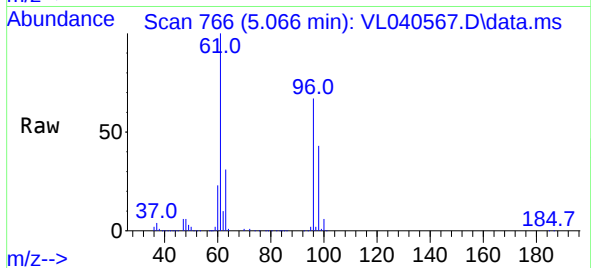
41 78.7 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 11.134 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. -0.019 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

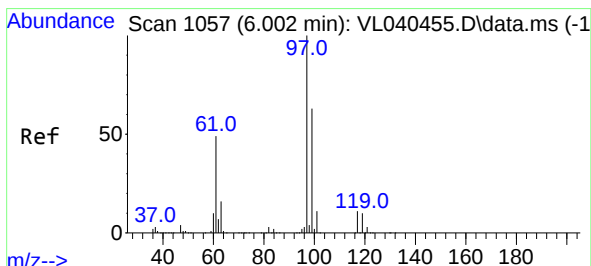
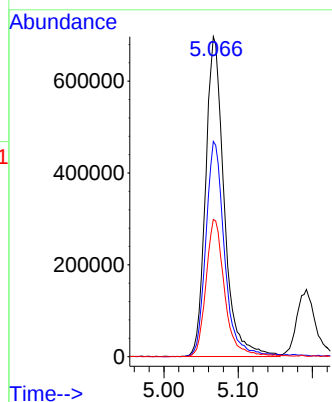
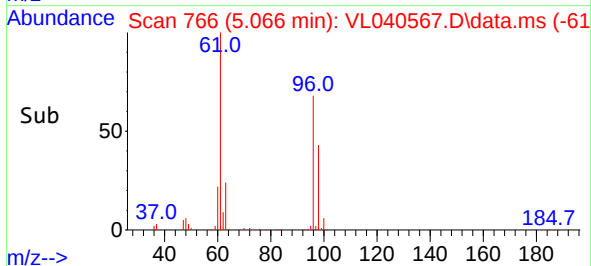
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 1208430
 Ion Ratio Lower Upper
 61 100
 96 67.3 54.7 82.1
 98 42.9 34.6 52.0

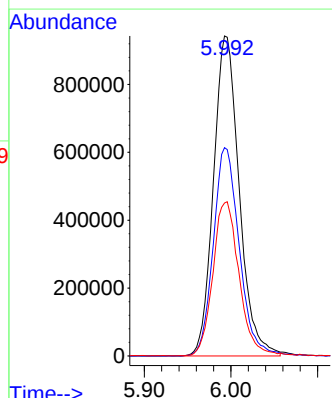
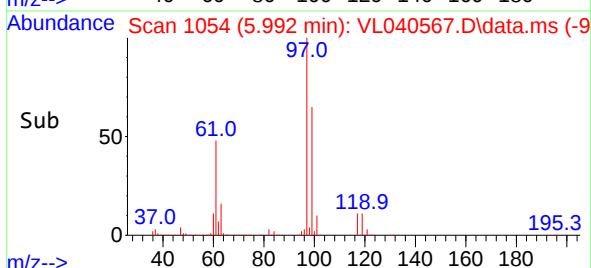
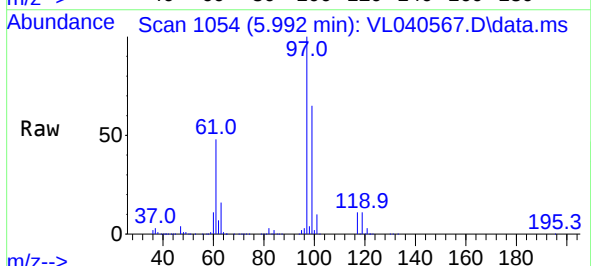
Manual Integrations
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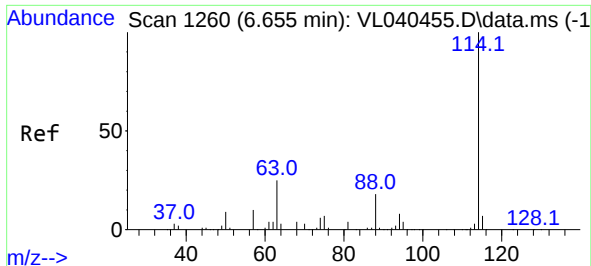
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.933 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.019 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

Tgt Ion: 97 Resp: 1948255
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.0 78.0
 61 49.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2777040

Ion Ratio Lower Upper

114 100

63 25.3 19.6 29.4

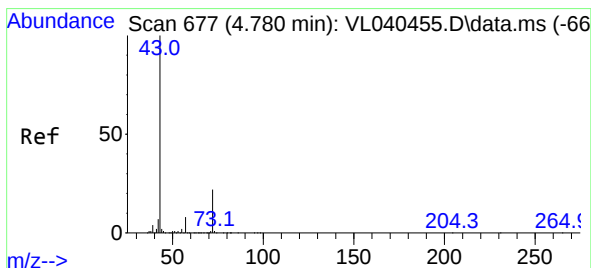
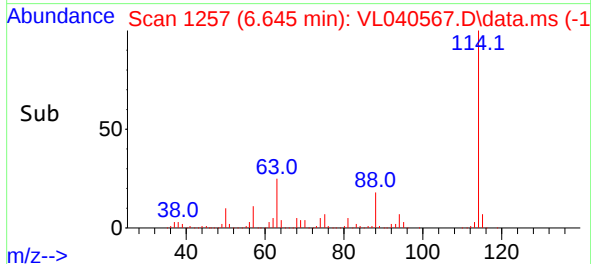
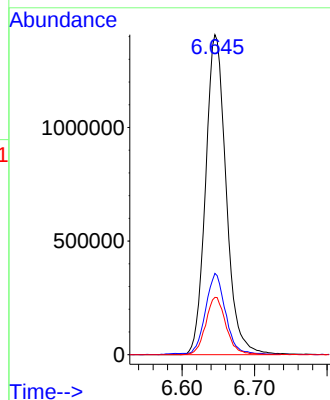
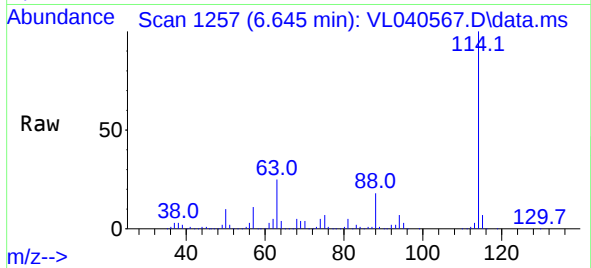
88 17.8 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#34

2-Butanone

Concen: 11.208 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.019 min

Lab File: VL040567.D

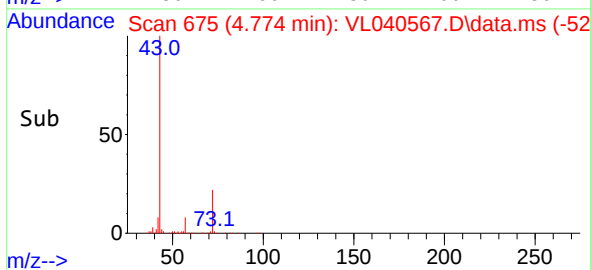
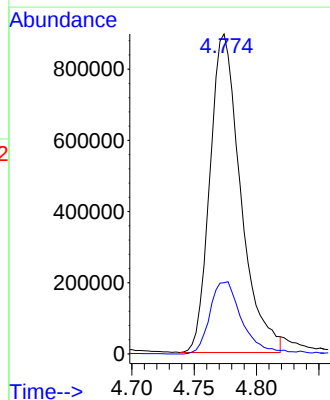
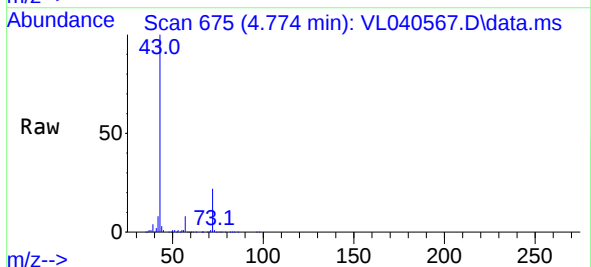
Acq: 27 Jul 2023 9:31

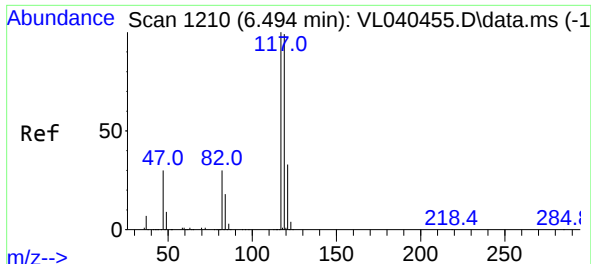
Tgt Ion: 43 Resp: 1538059

Ion Ratio Lower Upper

43 100

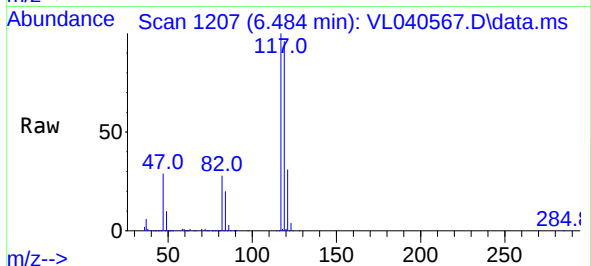
72 24.2 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.907 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

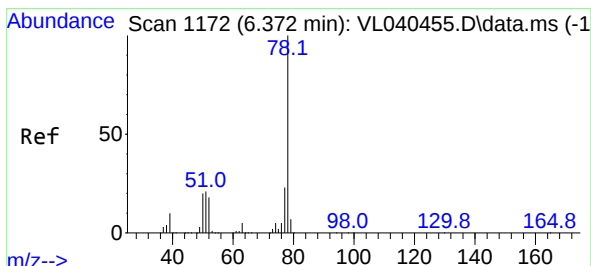
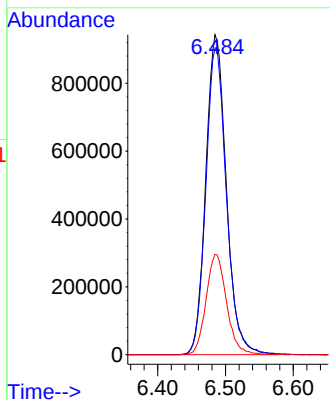
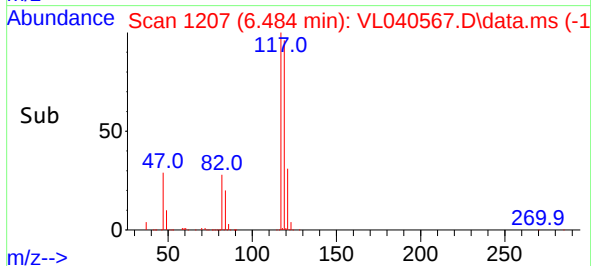
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1990038
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.6
121 31.4 24.8 37.2

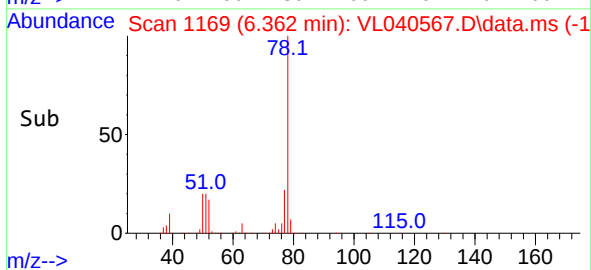
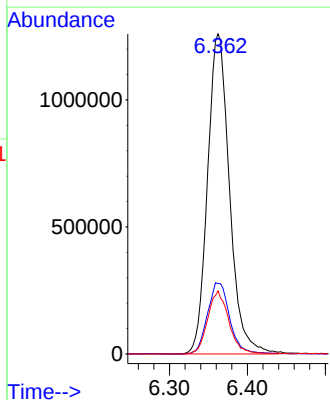
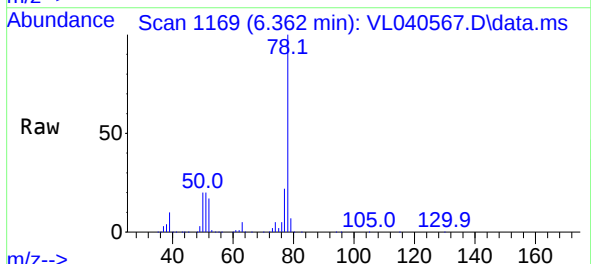
Manual Integrations
APPROVED

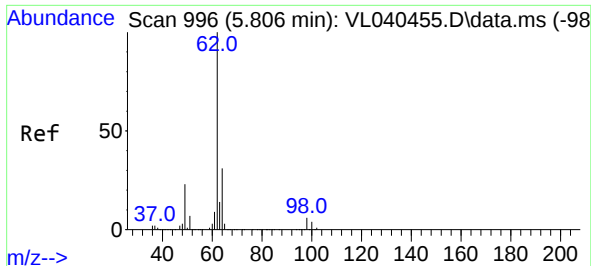
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 11.041 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Tgt Ion: 78 Resp: 2467124
Ion Ratio Lower Upper
78 100
77 22.0 17.4 26.0
50 19.6 14.4 21.6





#37

1,2-Dichloroethane

Concen: 11.301 ppbv

RT: 5.796 min Scan# 996

Delta R.T. -0.019 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 1485570

Ion Ratio Lower Upper

62 100

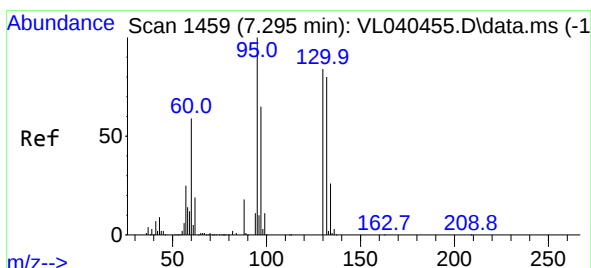
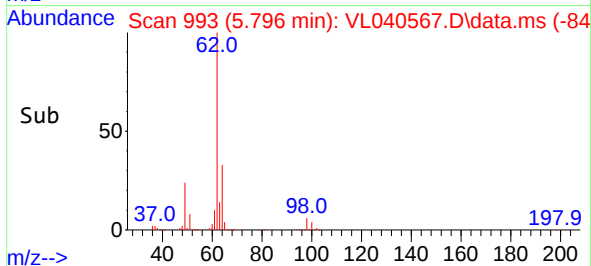
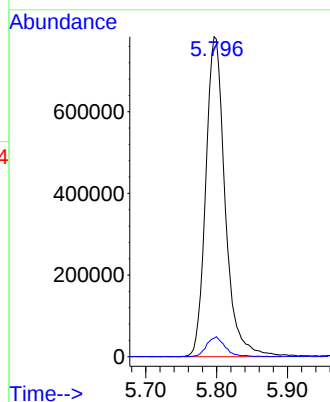
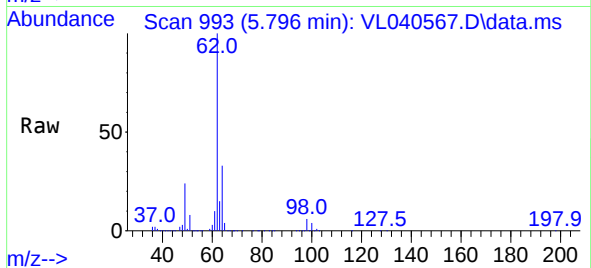
98 6.1 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#38

Trichloroethene

Concen: 11.755 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.019 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Tgt Ion:130 Resp: 993540

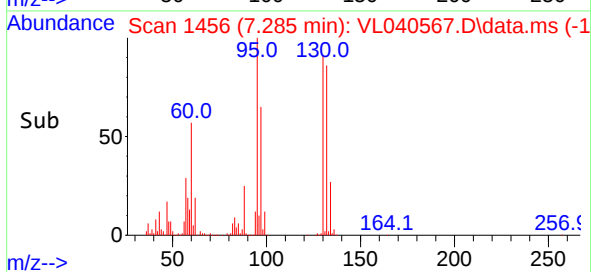
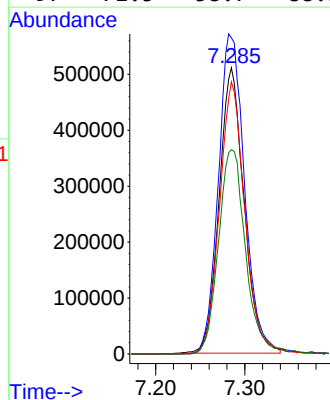
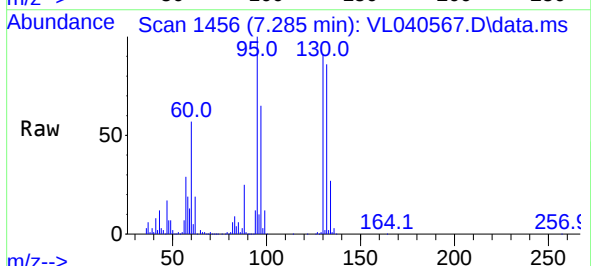
Ion Ratio Lower Upper

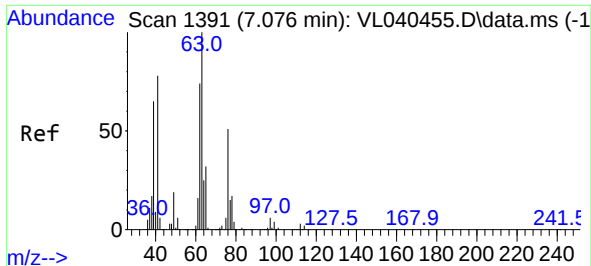
130 100

95 110.7 90.2 135.2

132 95.3 76.3 114.5

97 71.5 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.843 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 932705

Ion Ratio Lower Upper

63 100

41 73.9 54.3 81.5

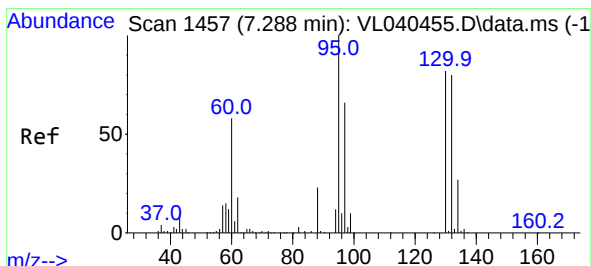
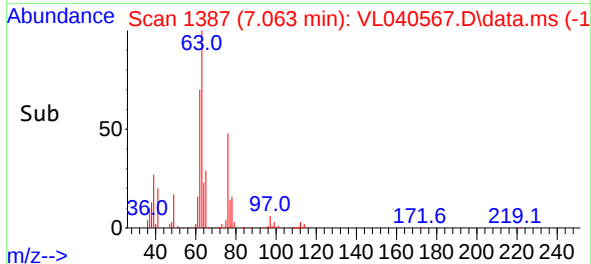
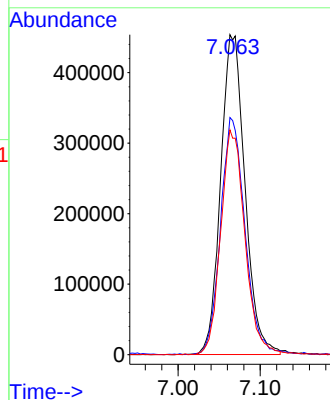
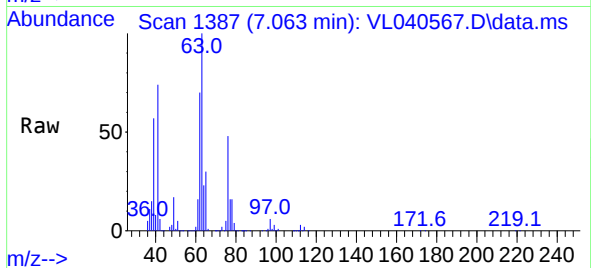
62 70.3 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#40

1,4-Dioxane

Concen: 12.156 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.016 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Tgt Ion: 88 Resp: 327053

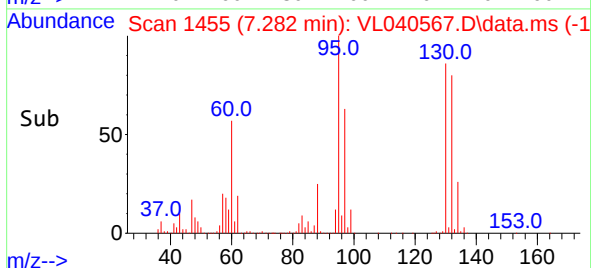
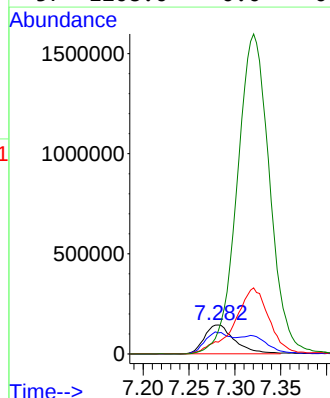
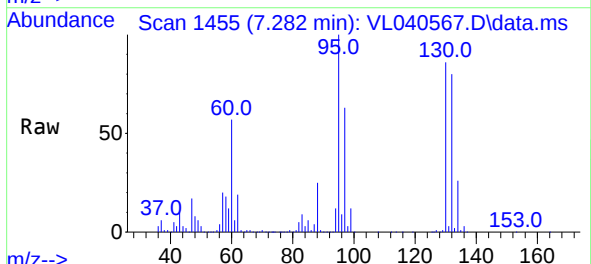
Ion Ratio Lower Upper

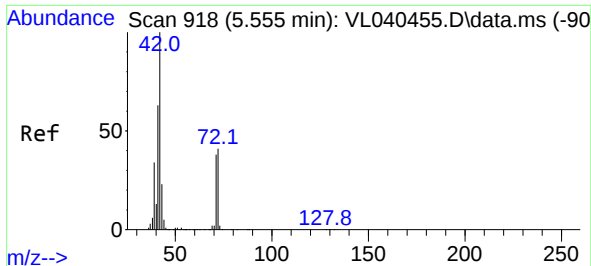
88 100

58 130.5 58.6 88.0#

43 269.5 0.0 0.0#

57 1208.0 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.448 ppbv

RT: 5.546 min Scan# 918

Delta R.T. -0.019 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

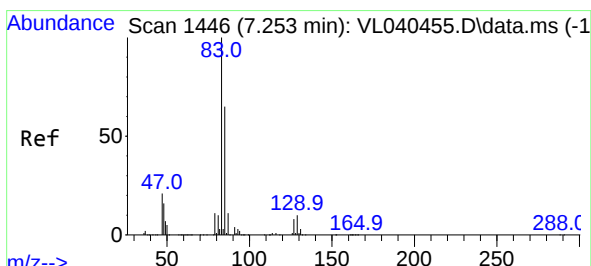
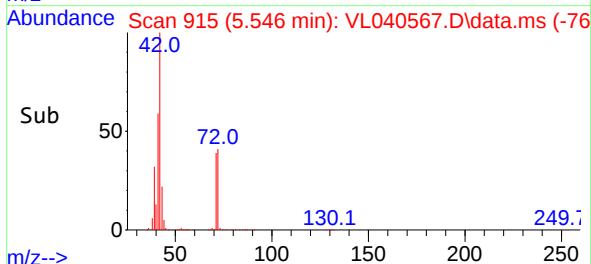
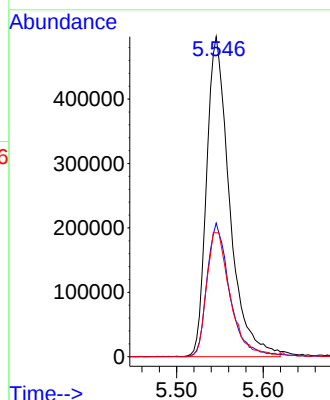
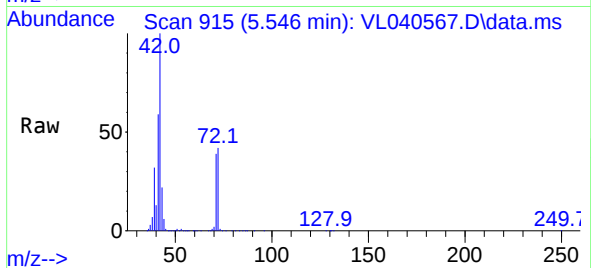
Tgt Ion: 42 Resp: 91673

Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.8	50.8
71	40.8	33.0	49.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#42

Bromodichloromethane

Concen: 11.661 ppbv

RT: 7.240 min Scan# 1442

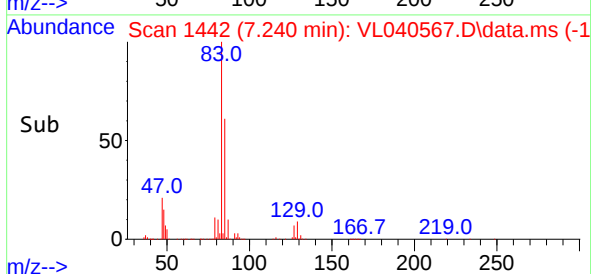
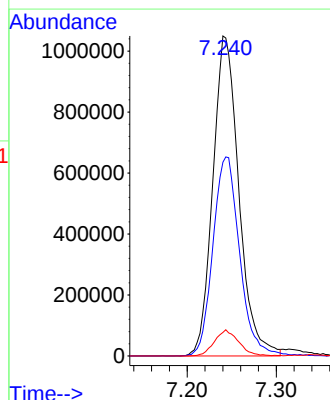
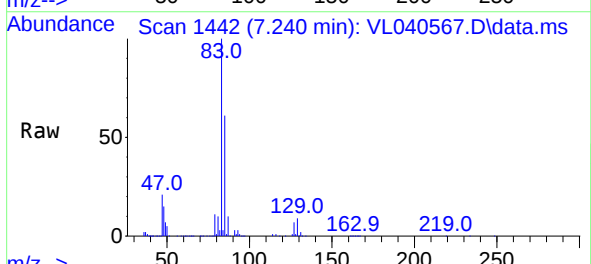
Delta R.T. -0.019 min

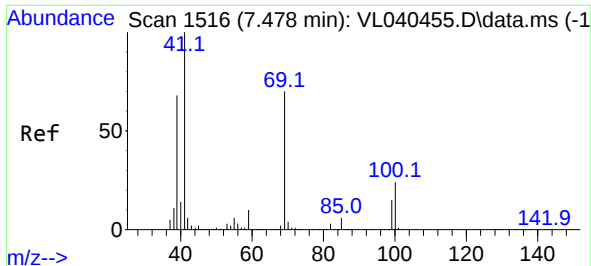
Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Tgt Ion: 83 Resp: 2131943

Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.1	76.7
127	7.4	6.5	9.7





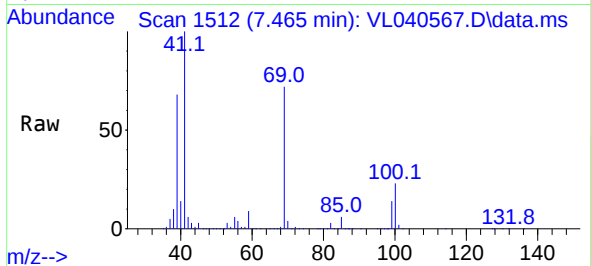
#43
Methyl Methacrylate
Concen: 11.840 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

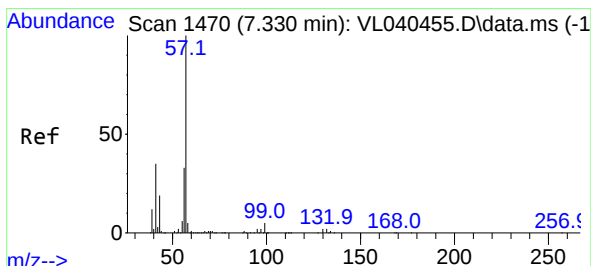
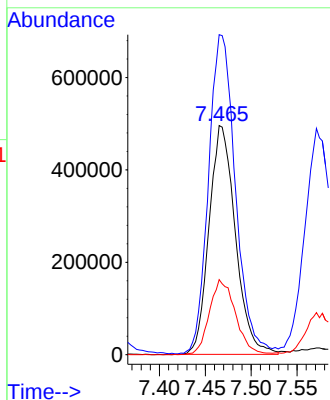
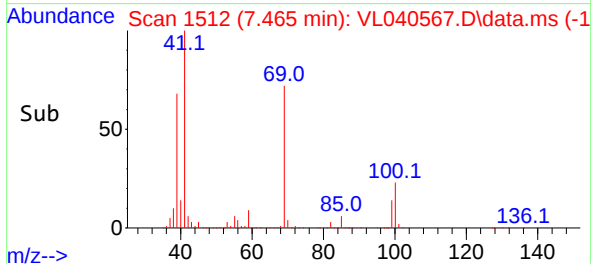


Tgt Ion: 69 Resp: 990270
Ion Ratio Lower Upper
69 100
41 142.5 111.7 167.5
100 32.5 26.9 40.3

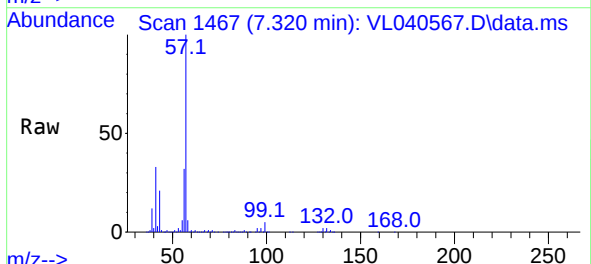
Manual Integrations

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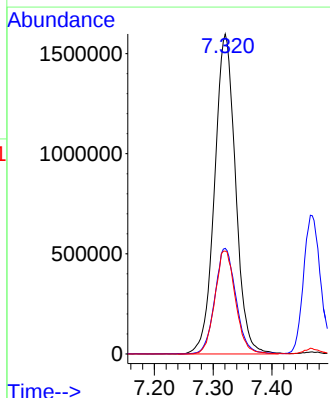
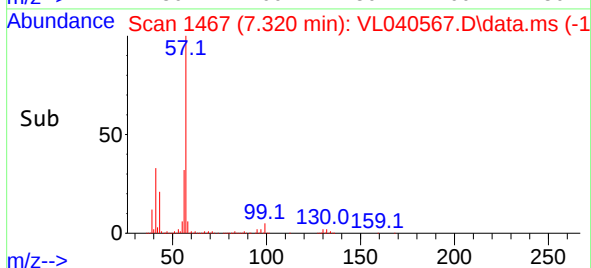
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

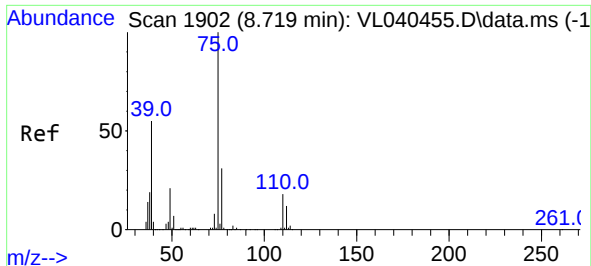


#44
2,2,4-Trimethylpentane
Concen: 10.978 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



Tgt Ion: 57 Resp: 3946808
Ion Ratio Lower Upper
57 100
41 33.2 25.5 38.3
56 31.8 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 13.546 ppbv

RT: 8.706 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 72673

Ion Ratio Lower Upper

75 100

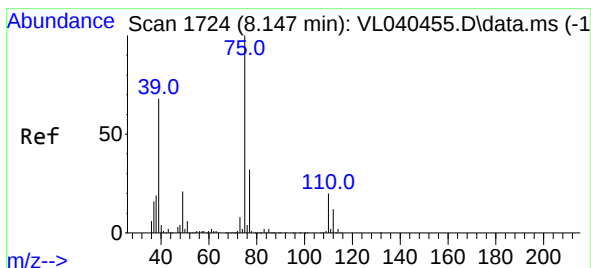
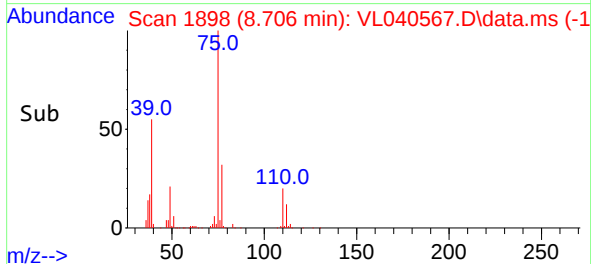
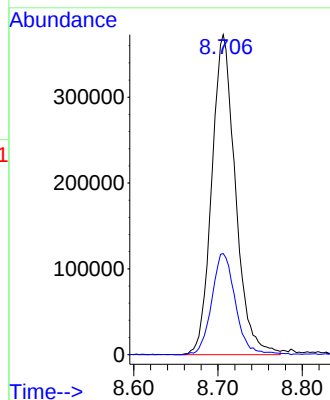
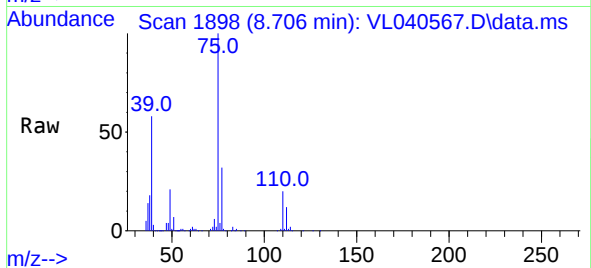
77 31.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#46

cis-1,3-Dichloropropene

Concen: 12.724 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.016 min

Lab File: VL040567.D

Acq: 27 Jul 2023 9:31

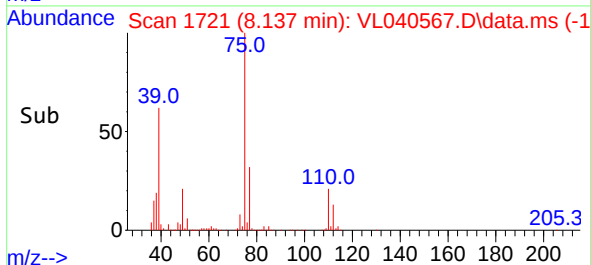
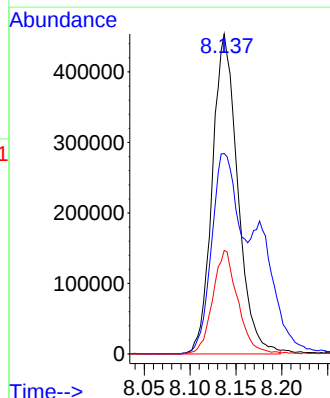
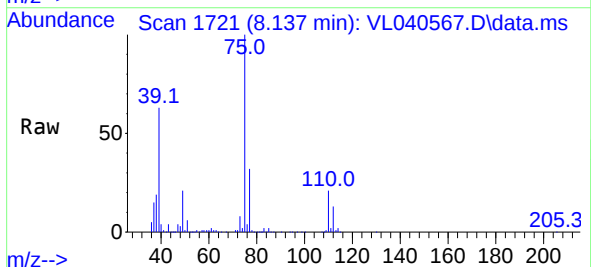
Tgt Ion: 75 Resp: 875893

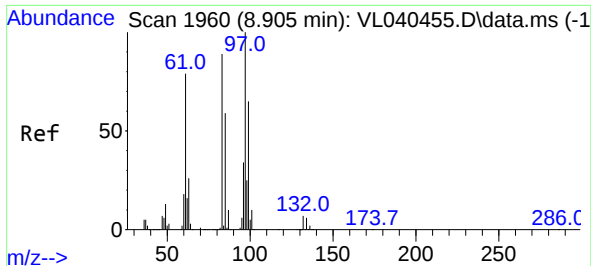
Ion Ratio Lower Upper

75 100

39 62.6 48.0 72.0

77 32.4 24.0 36.0





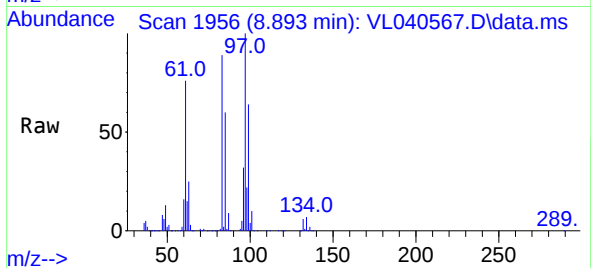
#47
1,1,2-Trichloroethane
Concen: 10.963 ppbv
RT: 8.893 min Scan# 1960
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



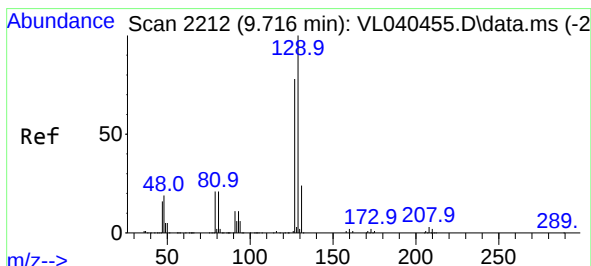
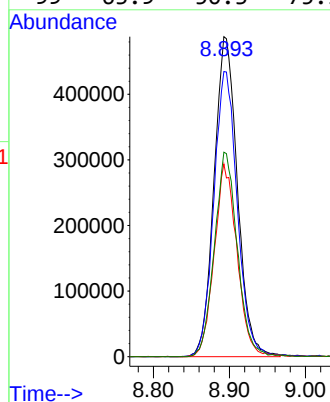
Tgt Ion: 97 Resp: 104042

Ion	Ratio	Lower	Upper
97	100		
83	89.1	73.4	110.0
85	60.2	46.6	70.0
99	63.9	50.3	75.5

Manual Integrations

APPROVED

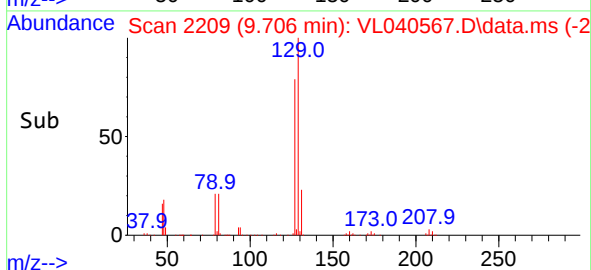
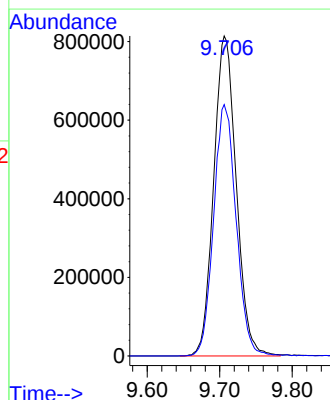
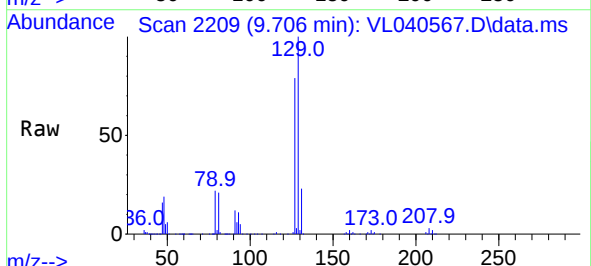
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

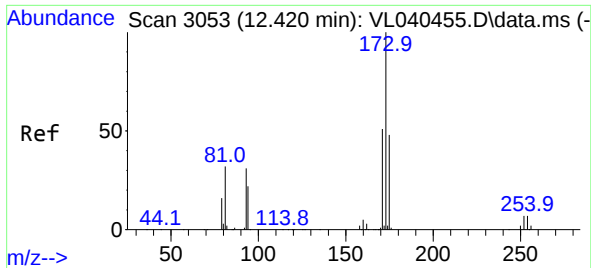


#48
Dibromochloromethane
Concen: 11.985 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Tgt Ion:129 Resp: 1758656

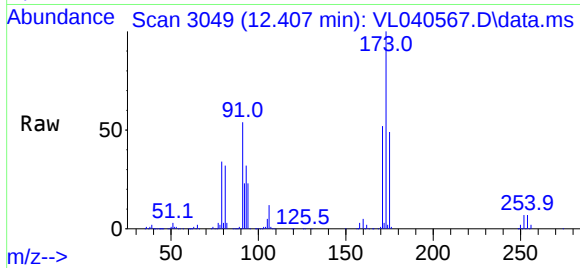
Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.3





#49
Bromoform
Concen: 12.374 ppbv
RT: 12.407 min Scan# 3053
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

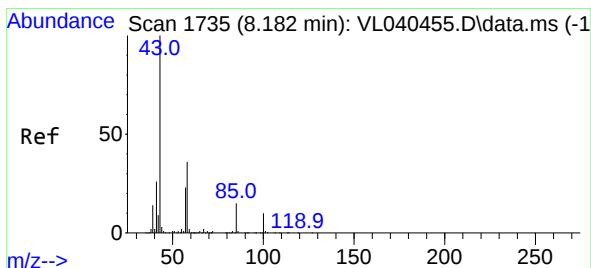
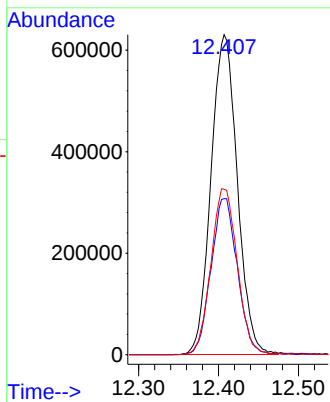
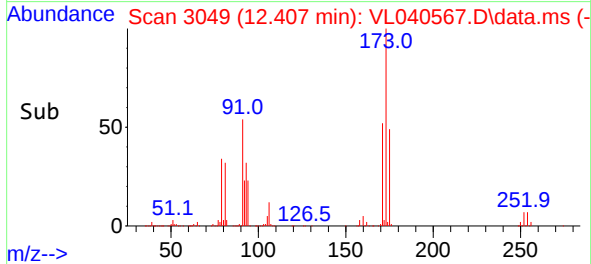
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



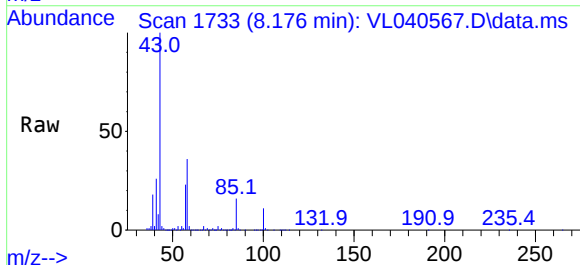
Tgt Ion: 173 Resp: 143948
Ion Ratio Lower Upper
173 100
175 49.2 39.5 59.3
171 52.1 42.2 63.4

Manual Integrations
APPROVED

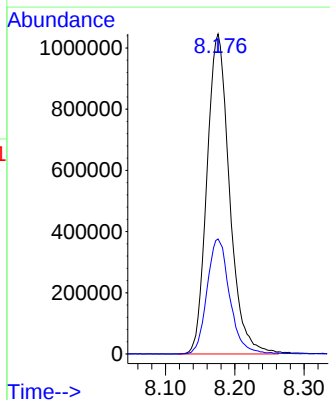
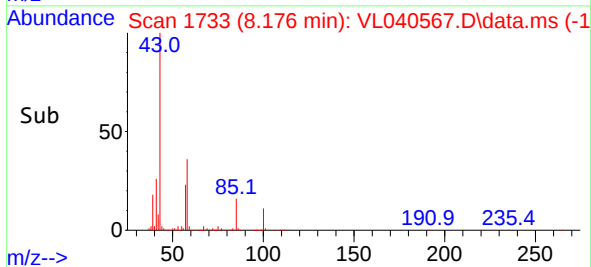
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

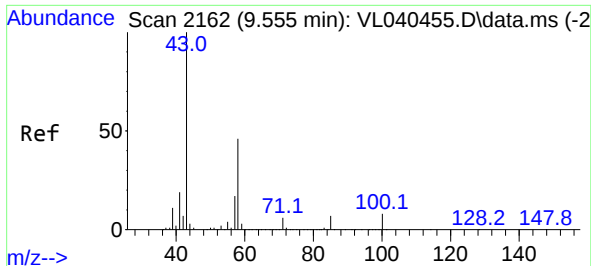


#50
4-Methyl-2-Pentanone
Concen: 11.861 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



Tgt Ion: 43 Resp: 2364807
Ion Ratio Lower Upper
43 100
58 36.1 30.2 45.2





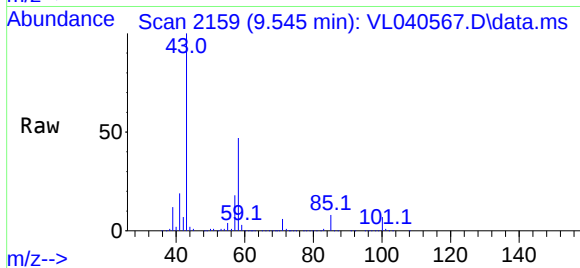
#51
2-Hexanone
Concen: 12.393 ppbv
RT: 9.545 min Scan# 2162
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

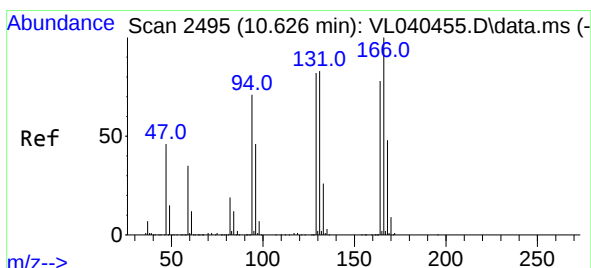
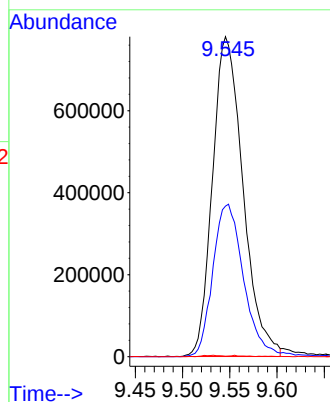
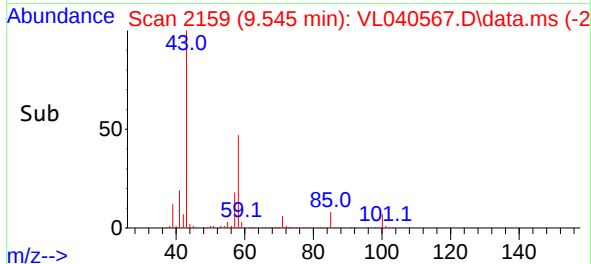


Tgt Ion: 43 Resp: 1747354
Ion Ratio Lower Upper
43 100
58 48.8 39.7 59.5
98 0.2 0.3 0.5

Manual Integrations

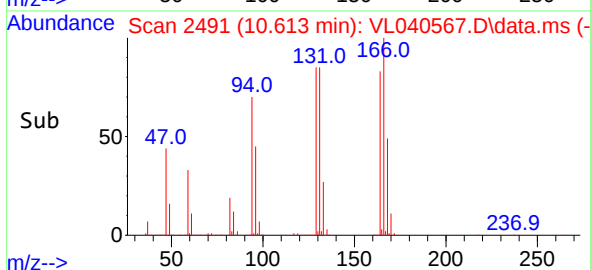
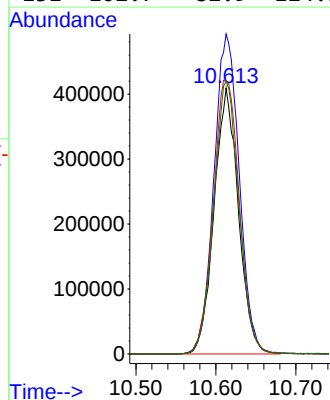
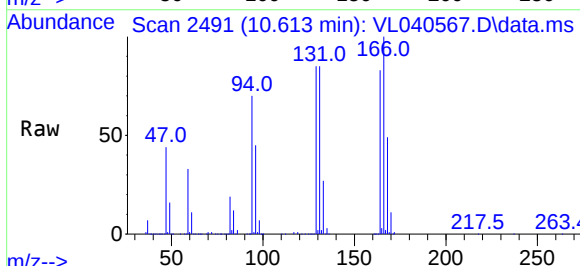
APPROVED

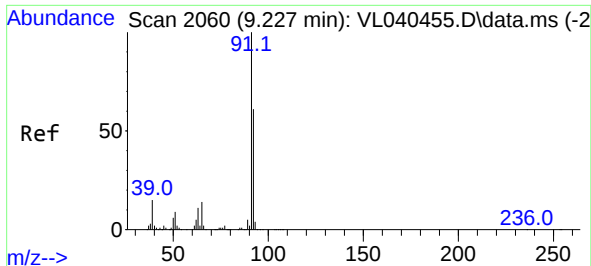
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#52
Tetrachloroethene
Concen: 11.929 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

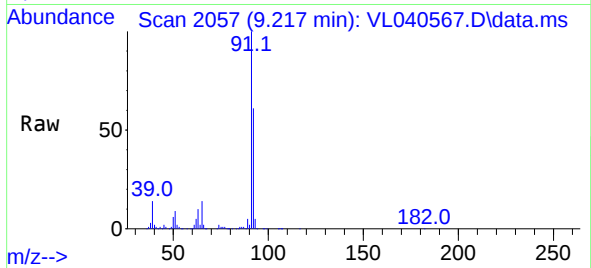
Tgt Ion:164 Resp: 863168
Ion Ratio Lower Upper
164 100
166 120.2 103.9 155.9
129 102.5 84.6 126.8
131 102.7 82.9 124.3





#53
Toluene
Concen: 11.620 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

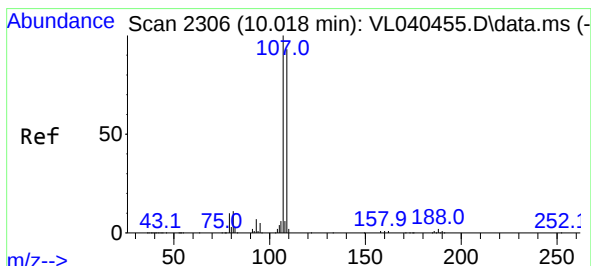
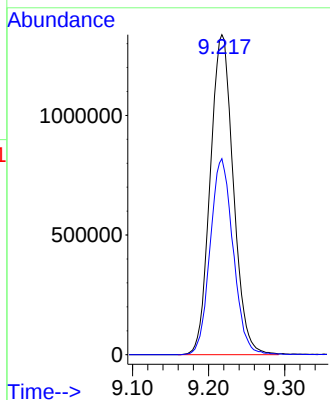
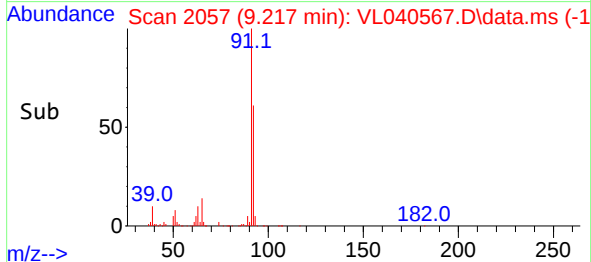
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



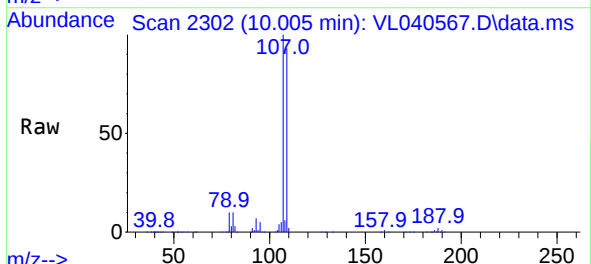
Tgt Ion: 91 Resp: 282024
Ion Ratio Lower Upper
91 100
92 61.1 49.1 73.7

Manual Integrations
APPROVED

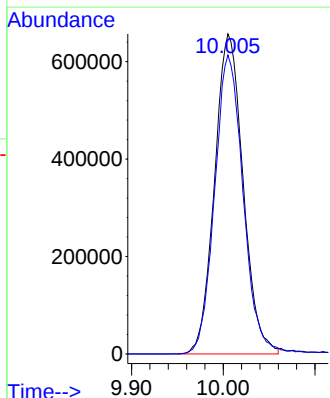
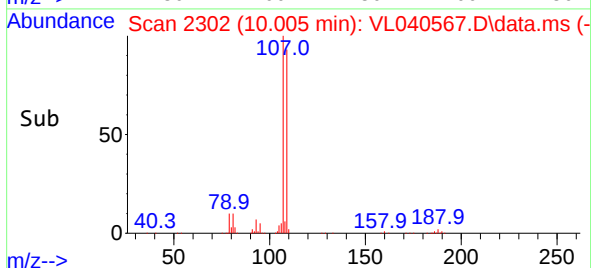
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

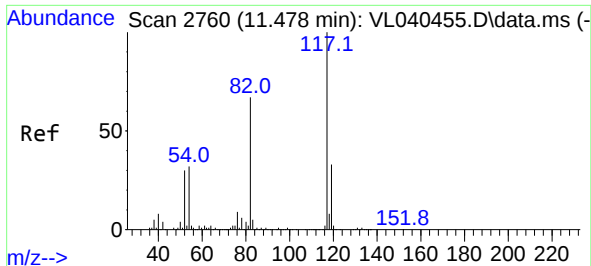


#54
1,2-Dibromoethane
Concen: 12.033 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



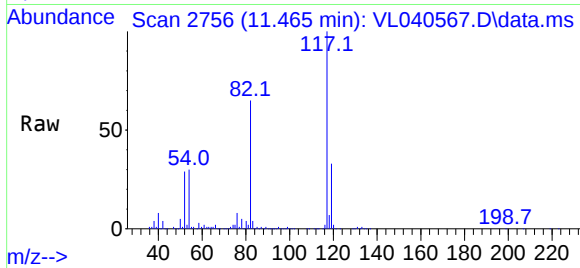
Tgt Ion:107 Resp: 1419420
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2760
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

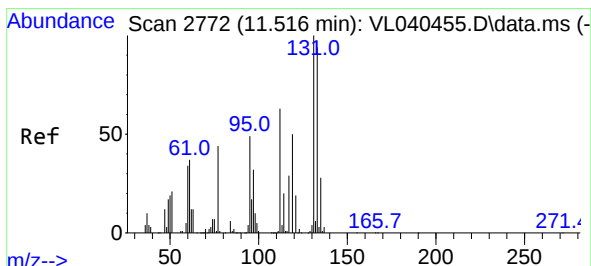
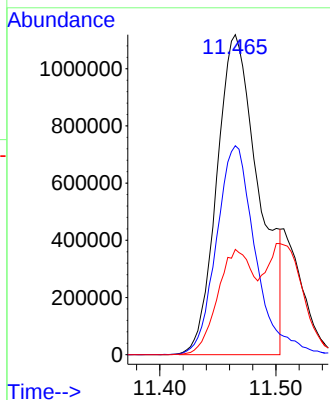
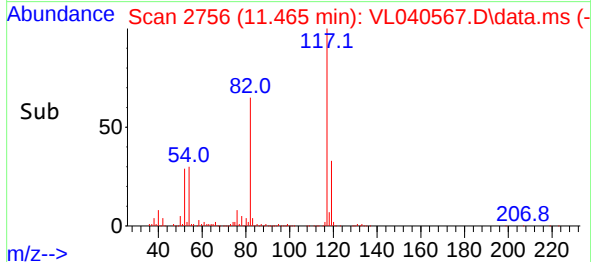
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



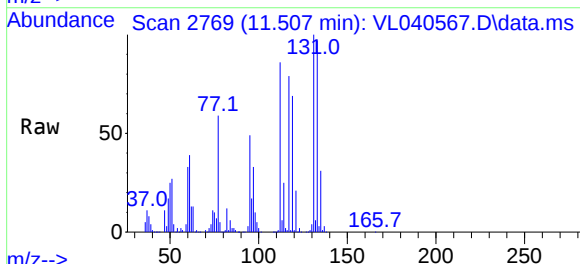
Tgt Ion:117 Resp: 2827349
Ion Ratio Lower Upper
117 100
82 61.0 50.2 75.4
119 29.7 26.9 40.3

Manual Integrations
APPROVED

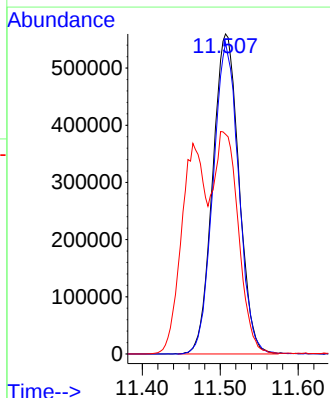
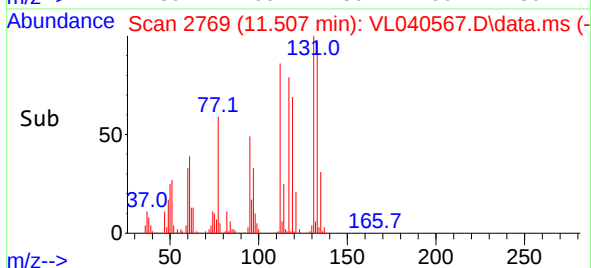
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

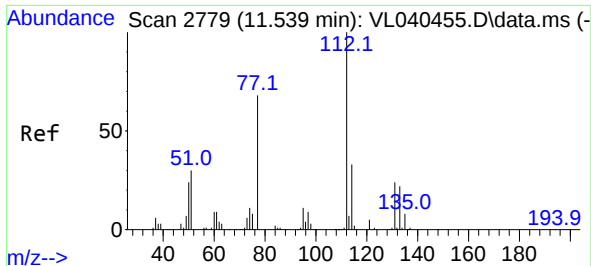


#56
1,1,1,2-Tetrachloroethane
Concen: 10.318 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



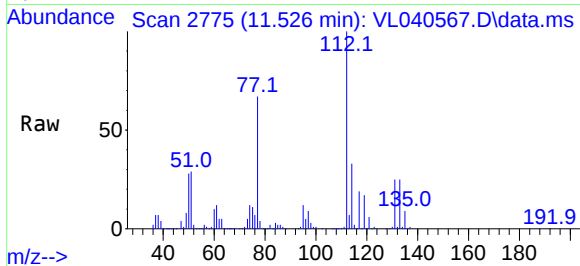
Tgt Ion:131 Resp: 1306545
Ion Ratio Lower Upper
131 100
133 95.1 76.3 114.5
119 71.3 51.1 76.7





#57
Chlorobenzene
Concen: 10.101 ppbv
RT: 11.526 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

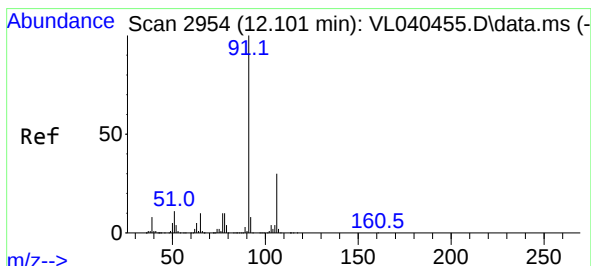
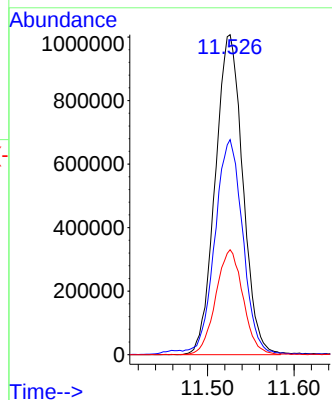
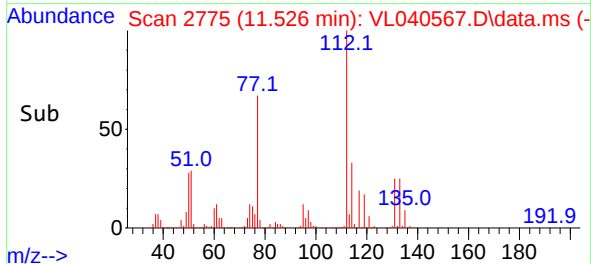
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 2227317
Ion Ratio Lower Upper
112 100
77 66.7 51.0 76.6
114 32.8 28.3 34.5

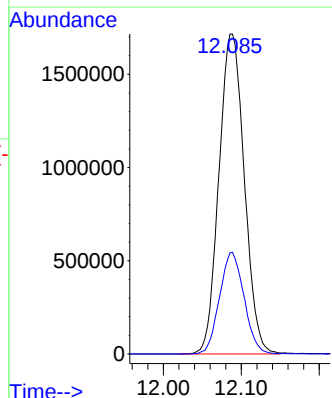
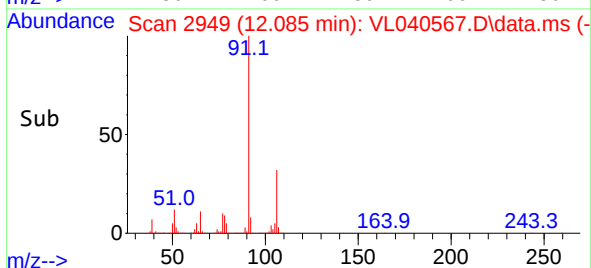
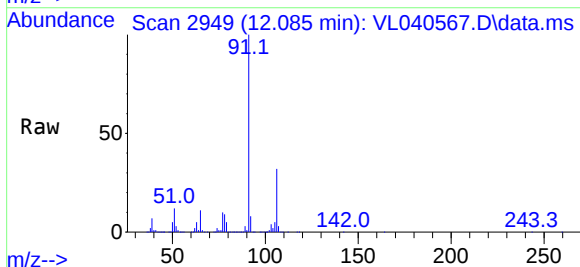
Manual Integrations
APPROVED

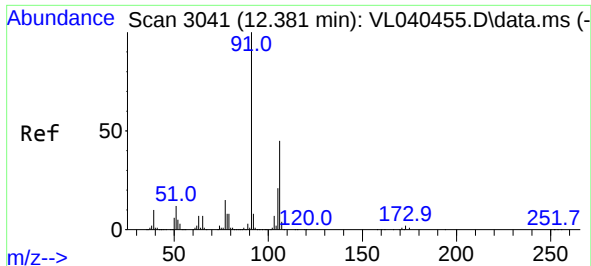
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#58
Ethyl Benzene
Concen: 10.946 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Tgt Ion: 91 Resp: 3883868
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0





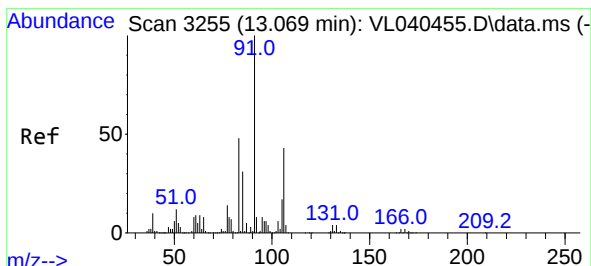
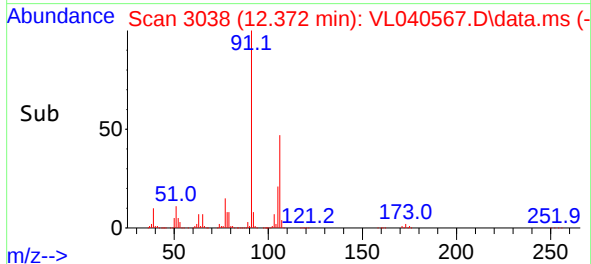
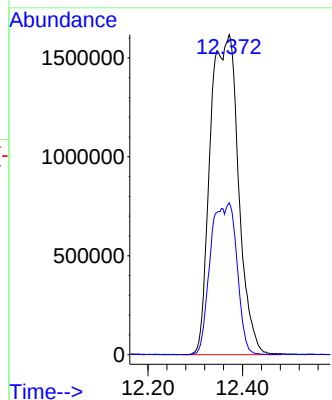
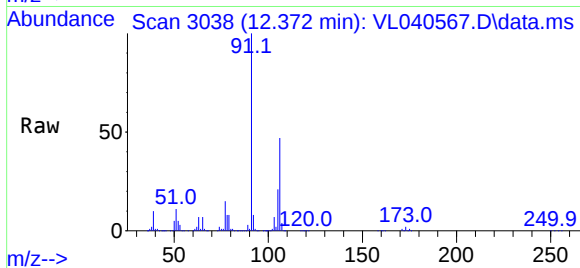
#59
m/p-Xylene
Concen: 21.131 ppbv m
RT: 12.372 min Scan# 3041
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 669196
Ion Ratio Lower Upper
91 100
106 44.5 35.9 53.9

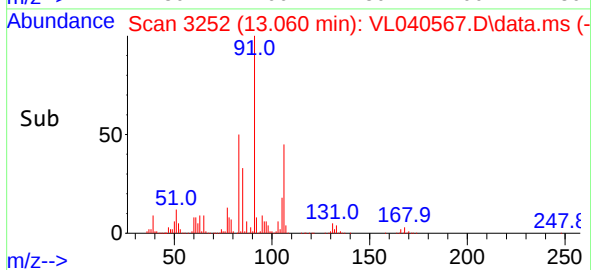
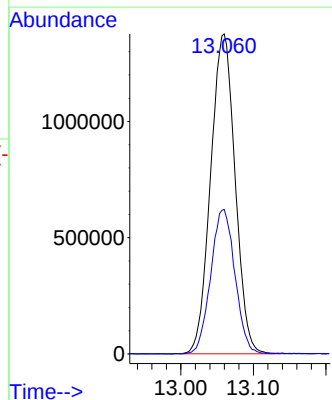
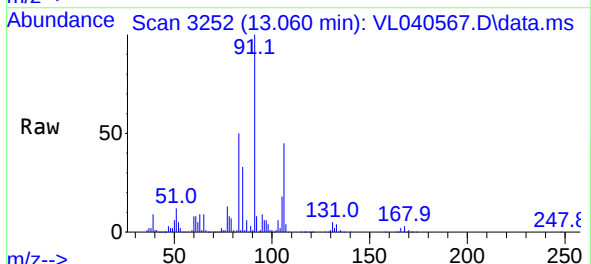
Manual Integrations
APPROVED

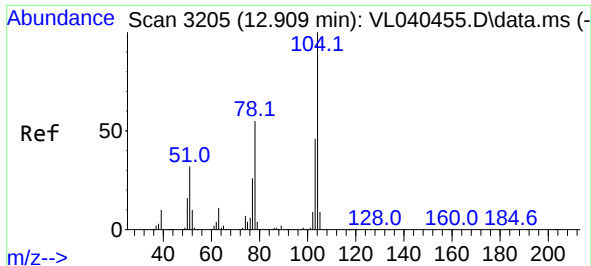
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#60
o-Xylene
Concen: 10.693 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

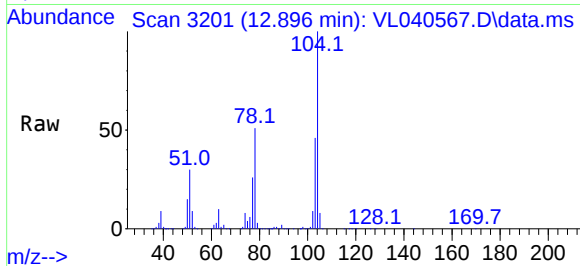
Tgt Ion: 91 Resp: 3225895
Ion Ratio Lower Upper
91 100
106 44.8 22.7 68.0





#61
Styrene
Concen: 11.872 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

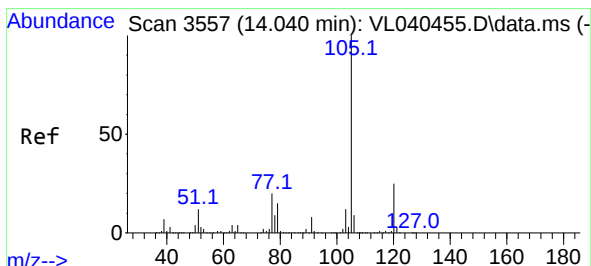
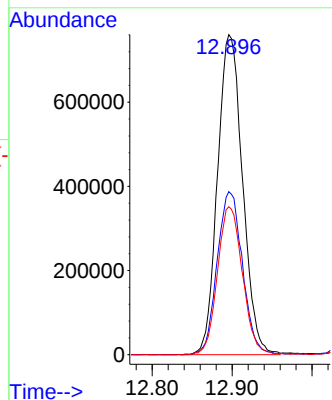
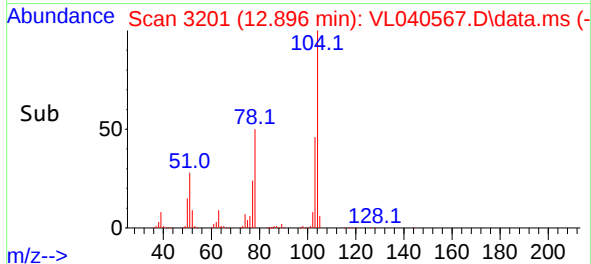
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:104 Resp: 165212
Ion Ratio Lower Upper
104 100
78 51.6 40.1 60.1
103 46.3 37.0 55.4

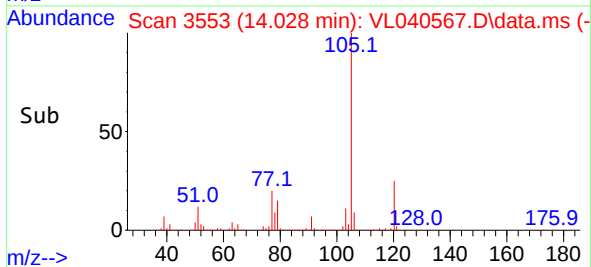
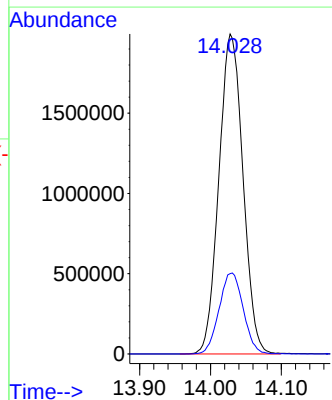
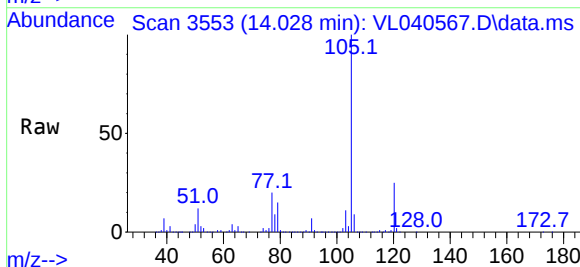
Manual Integrations
APPROVED

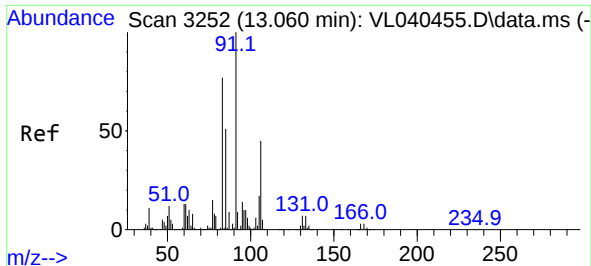
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#62
Isopropylbenzene
Concen: 10.401 ppbv
RT: 14.028 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Tgt Ion:105 Resp: 4702957
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2





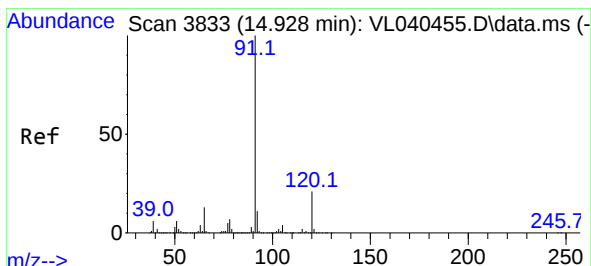
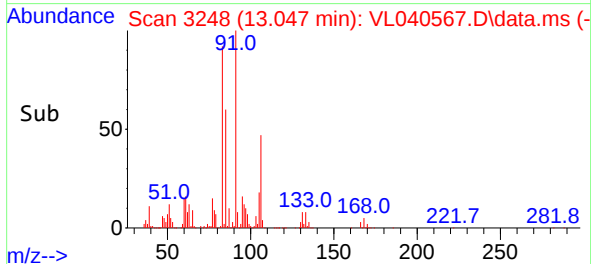
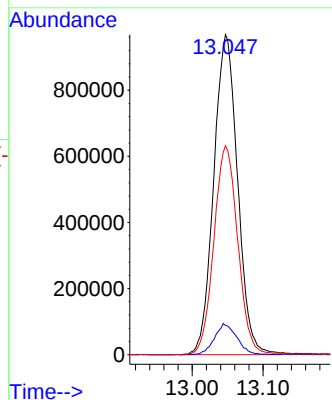
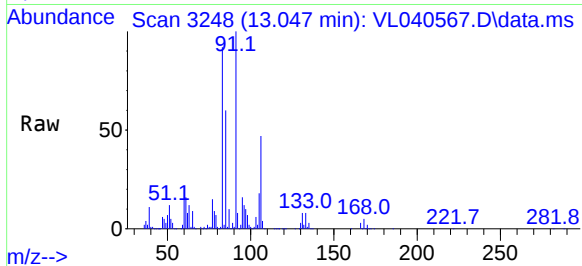
#63
1,1,2,2-Tetrachloroethane
Concen: 10.714 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2263608
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.4 32.8 98.3

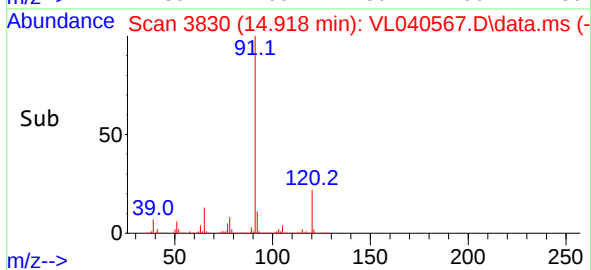
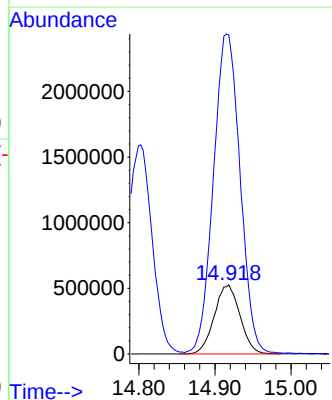
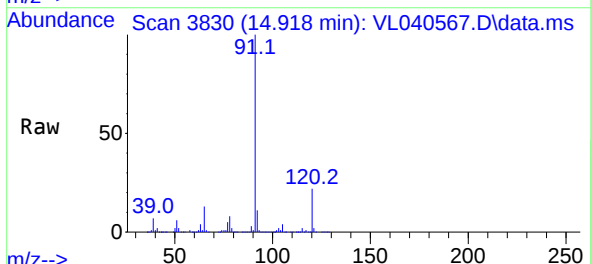
Manual Integrations
APPROVED

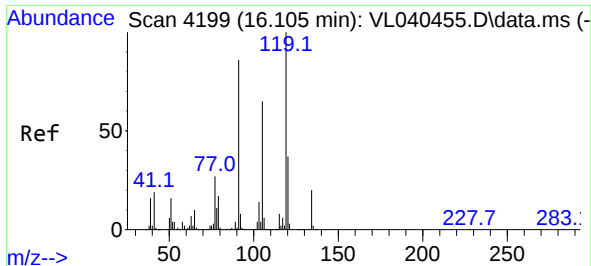
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#64
n-propylbenzene
Concen: 10.547 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

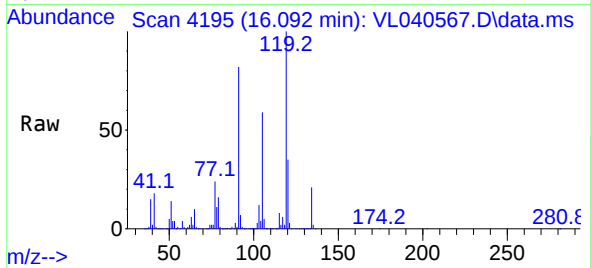
Tgt Ion:120 Resp: 1233830
Ion Ratio Lower Upper
120 100
91 482.7 374.3 561.5





#65
tert-Butylbenzene
Concen: 10.449 ppbv
RT: 16.092 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

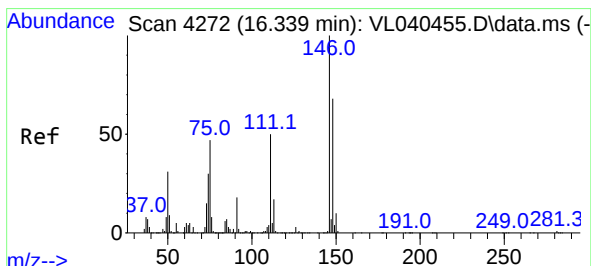
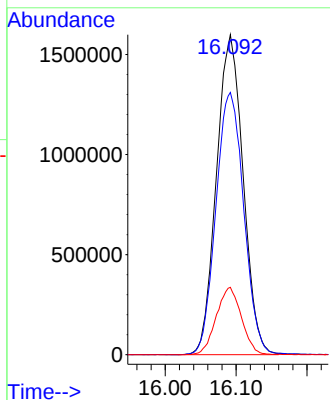
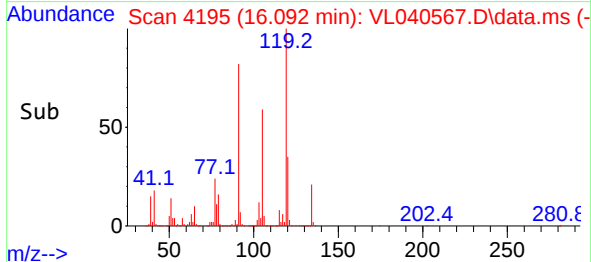
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



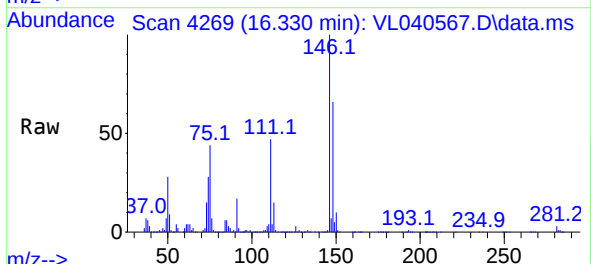
Tgt Ion:119 Resp: 418265
Ion Ratio Lower Upper
119 100
91 85.8 66.1 99.1
134 19.9 15.7 23.5

Manual Integrations
APPROVED

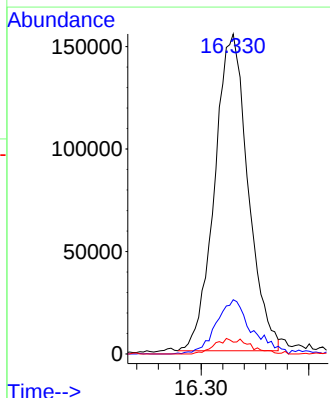
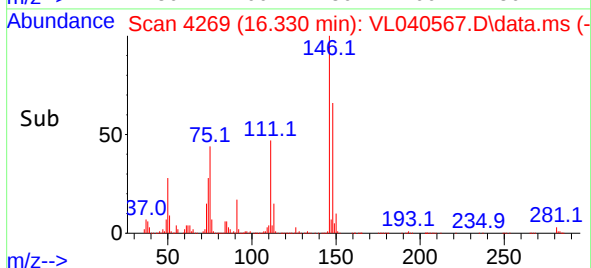
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

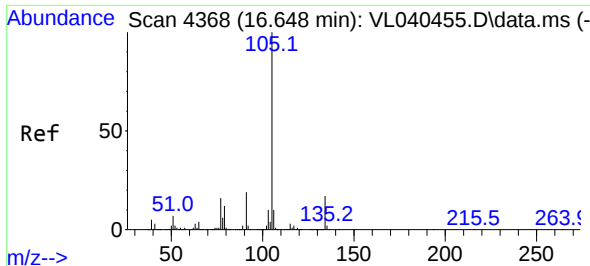


#66
Benzyl Chloride
Concen: 11.811 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



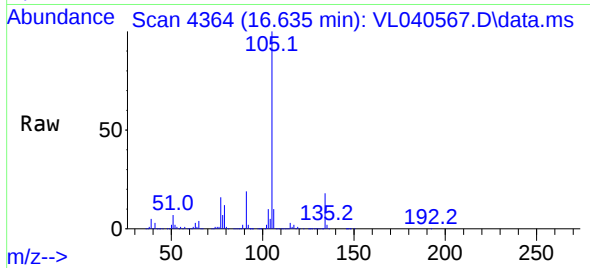
Tgt Ion: 91 Resp: 334460
Ion Ratio Lower Upper
91 100
126 19.0 15.4 23.2
128 5.2 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.362 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31

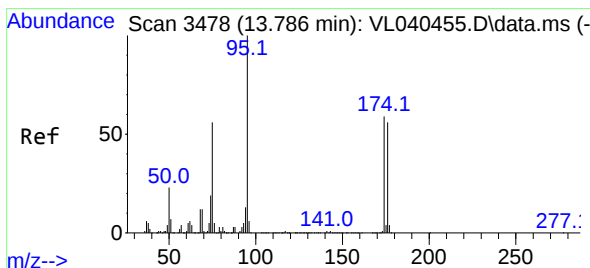
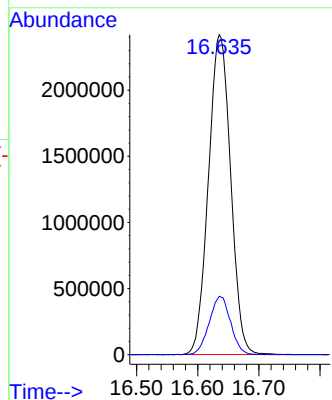
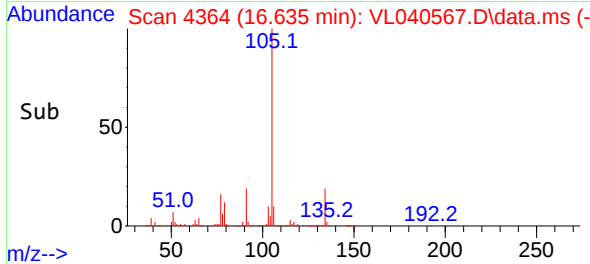
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



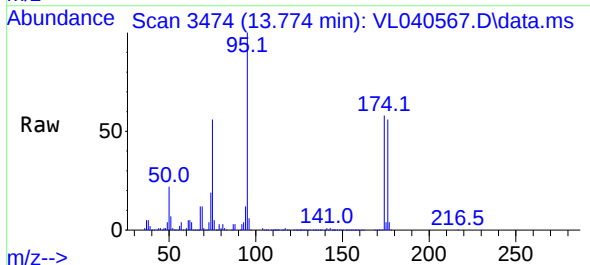
Tgt Ion:105 Resp: 609452
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.4 21.6

Manual Integrations
 APPROVED

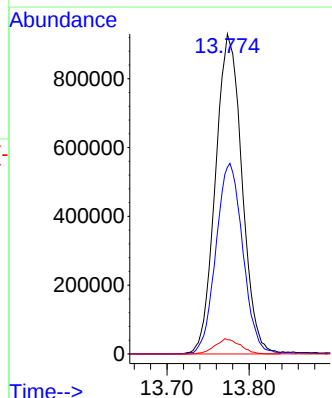
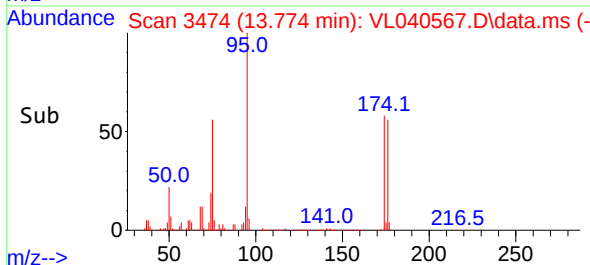
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

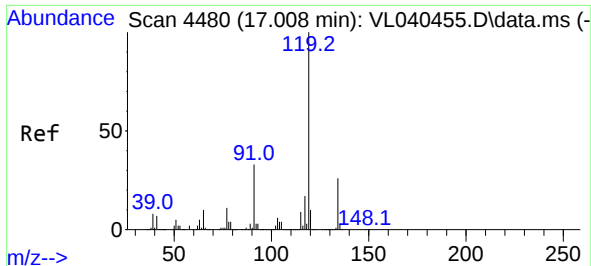


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.344 ppbv
 RT: 13.774 min Scan# 3474
 Delta R.T. -0.010 min
 Lab File: VL040567.D
 Acq: 27 Jul 2023 9:31



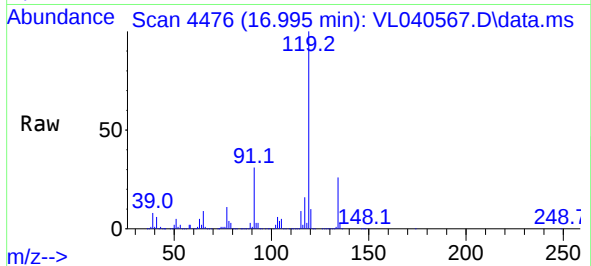
Tgt Ion: 95 Resp: 2090837
 Ion Ratio Lower Upper
 95 100
 174 60.7 50.6 75.8
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.464 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

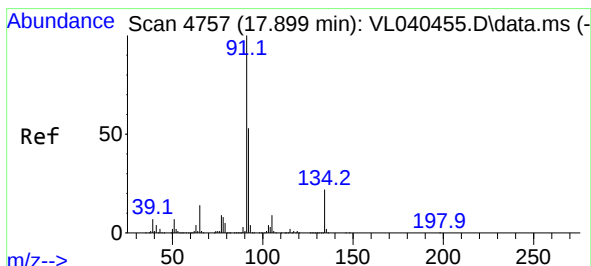
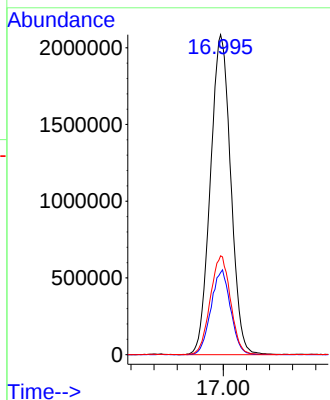
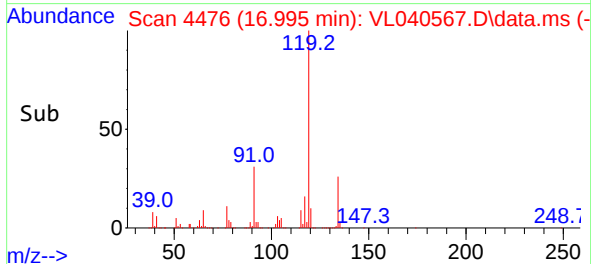
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



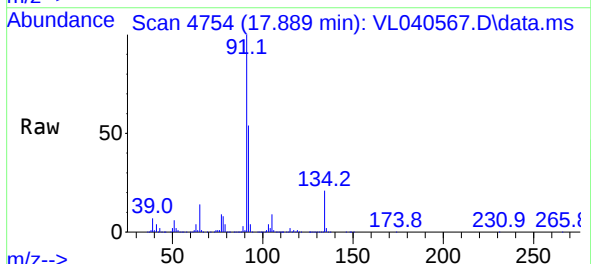
Tgt Ion:119 Resp: 5086084
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 30.8 23.8 35.8

Manual Integrations
APPROVED

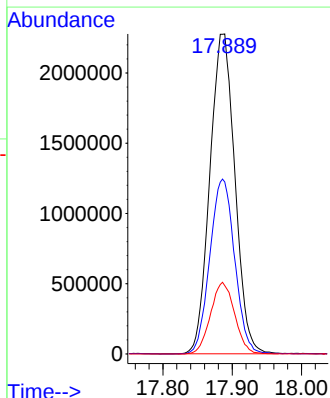
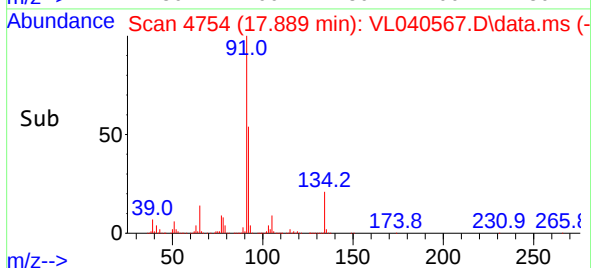
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

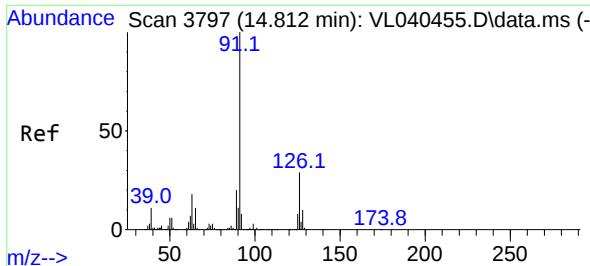


#70
n-Butylbenzene
Concen: 10.547 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.006 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



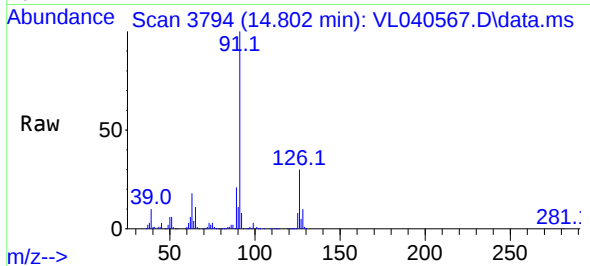
Tgt Ion: 91 Resp: 5716981
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.0
134 21.6 18.1 27.1





#71
2-Chlorotoluene
Concen: 10.659 ppbv
RT: 14.802 min Scan# 3797
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

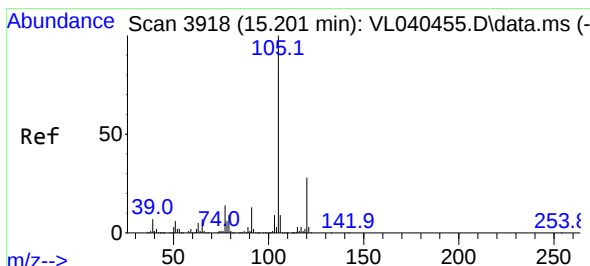
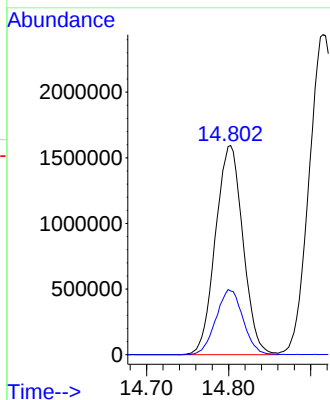
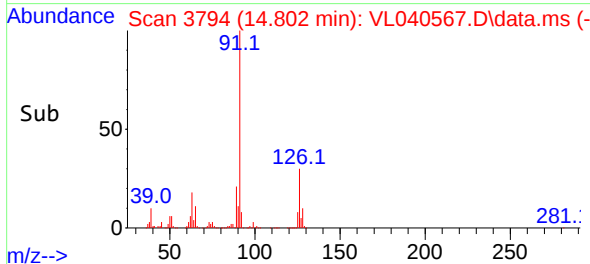
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



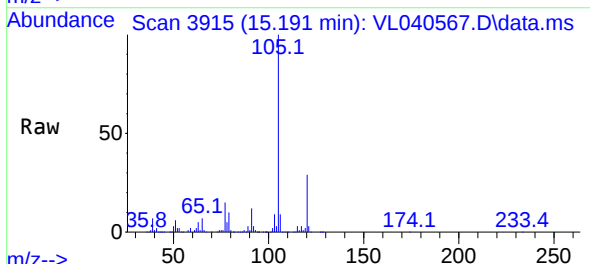
Tgt Ion: 91 Resp: 3714502
Ion Ratio Lower Upper
91 100
126 30.7 12.4 49.8

Manual Integrations
APPROVED

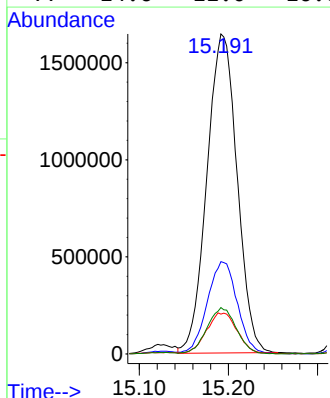
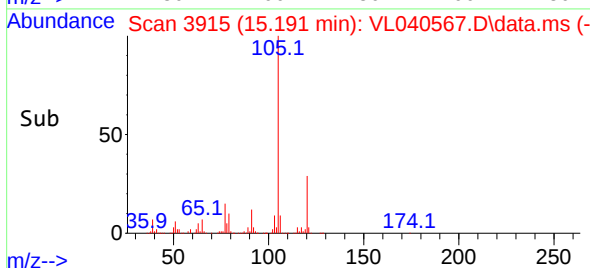
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

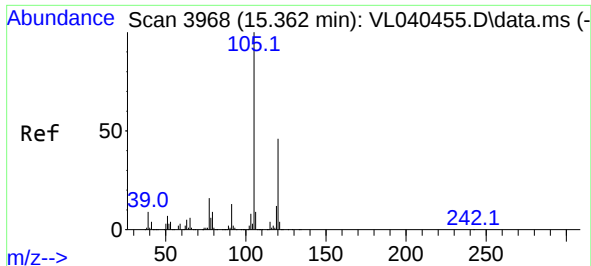


#72
4-Ethyltoluene
Concen: 10.925 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



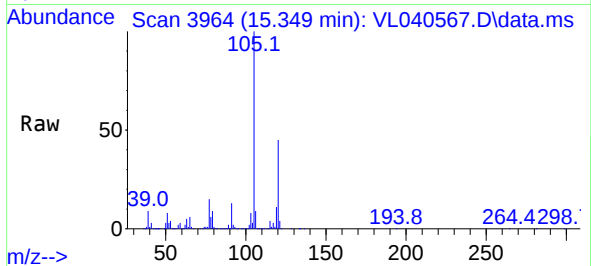
Tgt Ion:105 Resp: 3863443
Ion Ratio Lower Upper
105 100
120 29.7 24.6 37.0
91 13.7 10.7 16.1
77 14.6 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 10.936 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

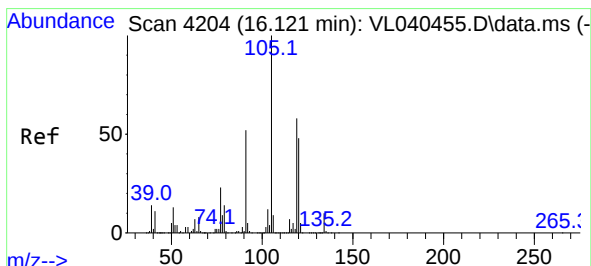
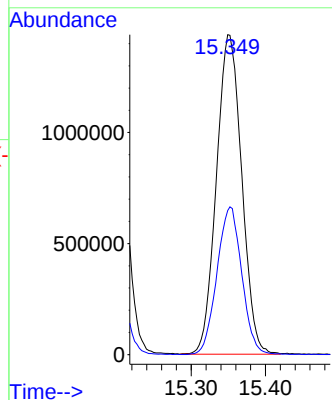
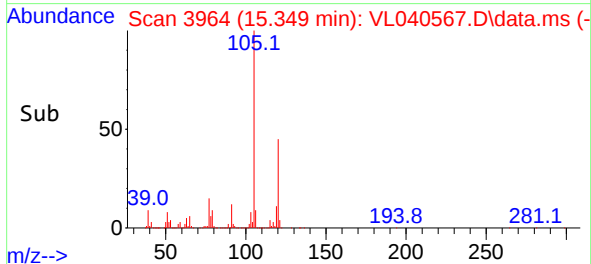
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



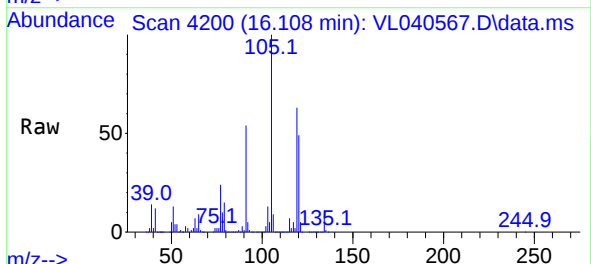
Tgt Ion:105 Resp: 340899
Ion Ratio Lower Upper
105 100
120 45.1 38.2 57.2

Manual Integrations
APPROVED

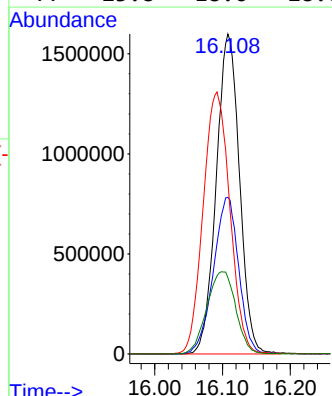
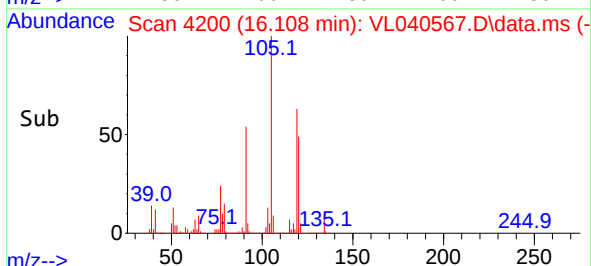
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

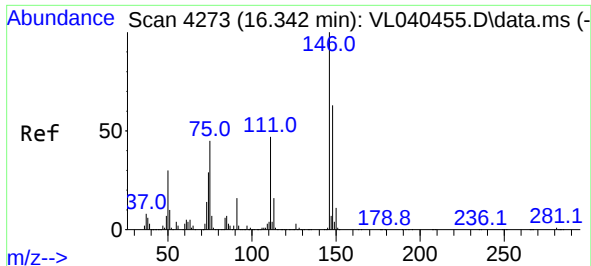


#74
1,2,4-Trimethylbenzene
Concen: 10.489 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



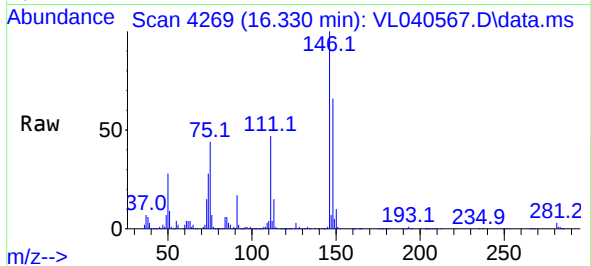
Tgt Ion:105 Resp: 3812192
Ion Ratio Lower Upper
105 100
120 48.8 40.3 60.5
91 53.9 46.8 70.2
77 23.8 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 10.180 ppbv
RT: 16.330 min Scan# 4314
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

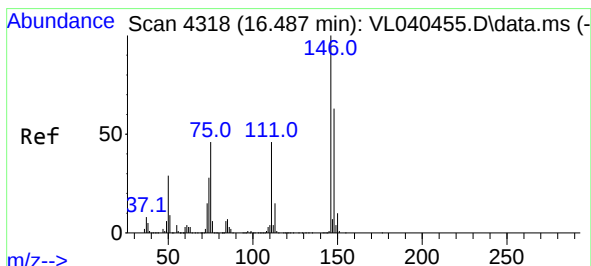
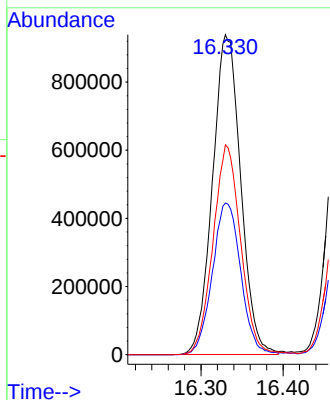
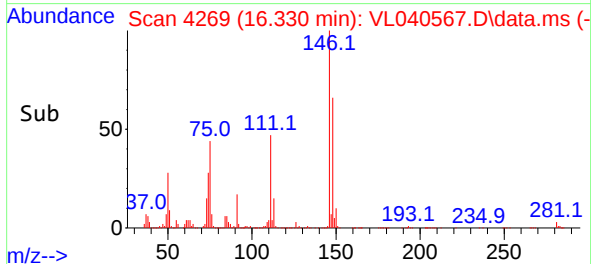
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



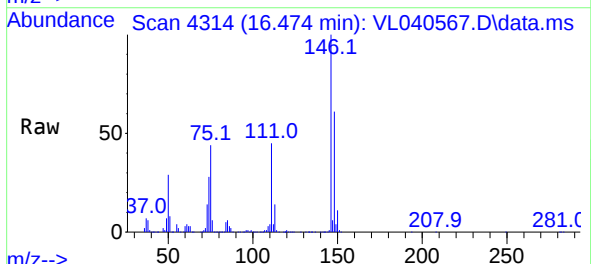
Tgt Ion:146 Resp: 2243192
Ion Ratio Lower Upper
146 100
111 48.0 23.6 71.0
148 64.4 32.2 96.6

Manual Integrations
APPROVED

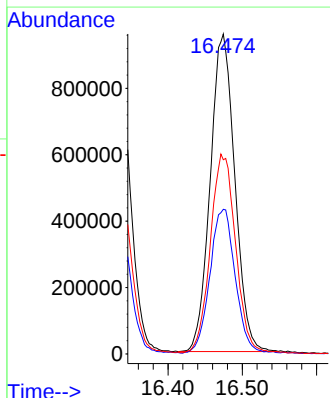
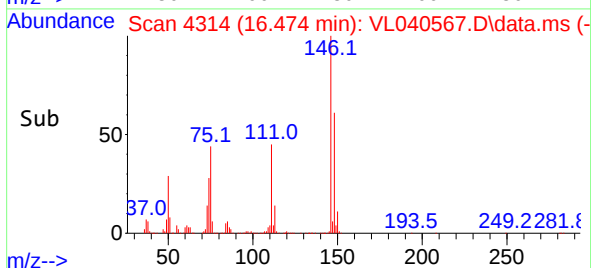
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

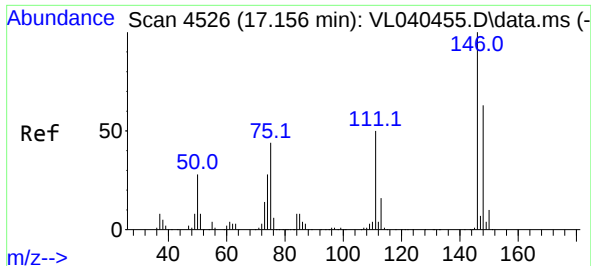


#76
1,4-Dichlorobenzene
Concen: 10.177 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



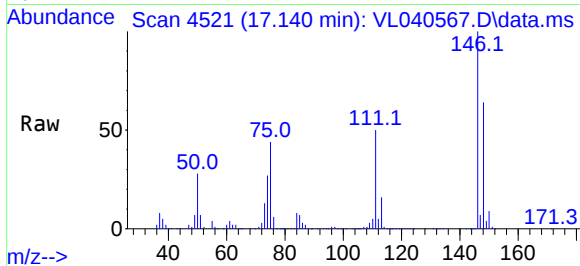
Tgt Ion:146 Resp: 2198911
Ion Ratio Lower Upper
146 100
111 47.6 22.8 68.3
148 65.3 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 10.322 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

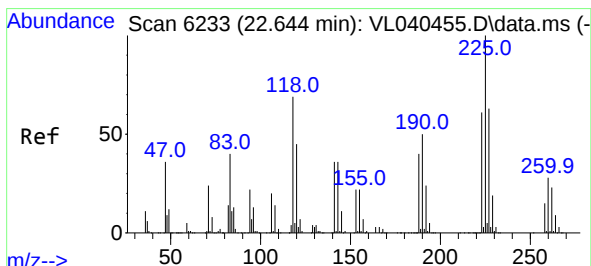
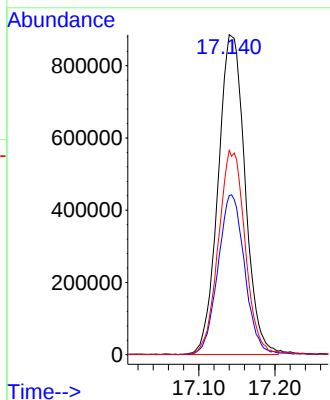
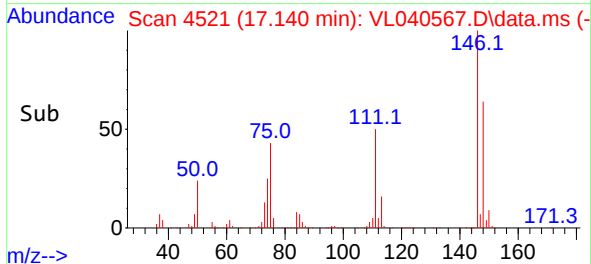
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 217488
Ion Ratio Lower Upper
146 100
111 50.1 24.3 72.8
148 64.0 32.1 96.3

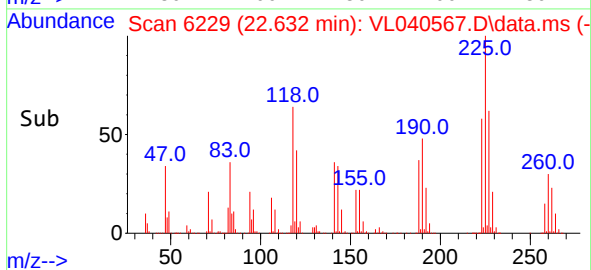
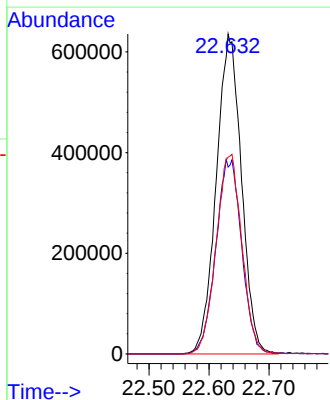
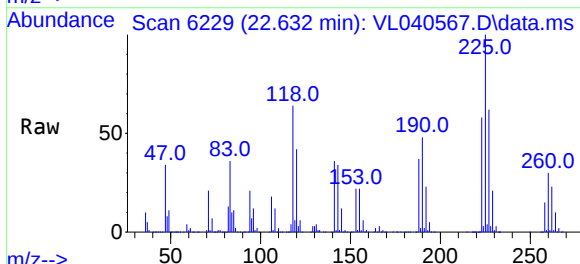
Manual Integrations
APPROVED

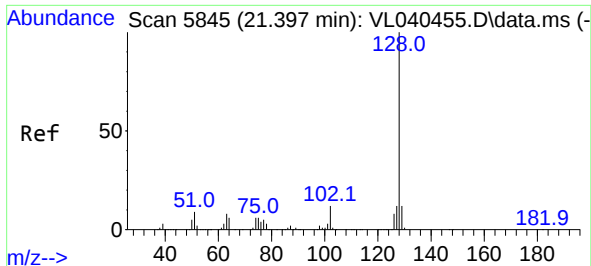
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.346 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.016 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

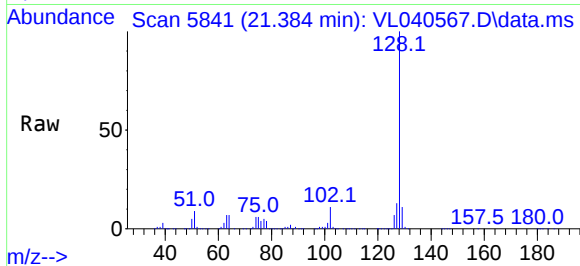
Tgt Ion:225 Resp: 1849310
Ion Ratio Lower Upper
225 100
223 62.8 50.3 75.5
227 63.9 51.0 76.6





#79
Naphthalene
Concen: 12.622 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

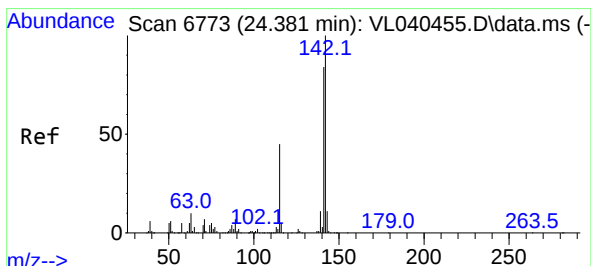
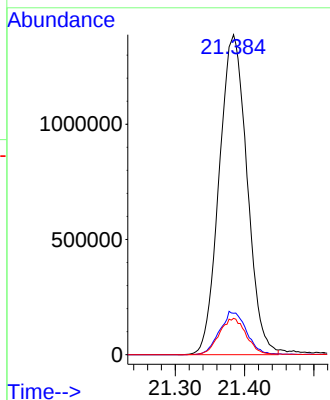
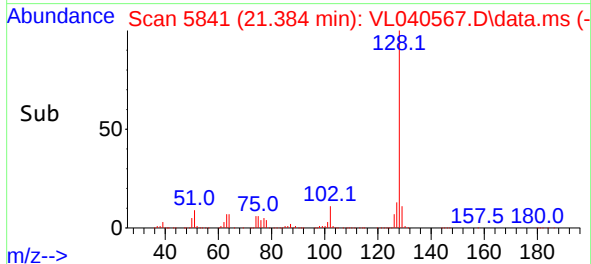
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



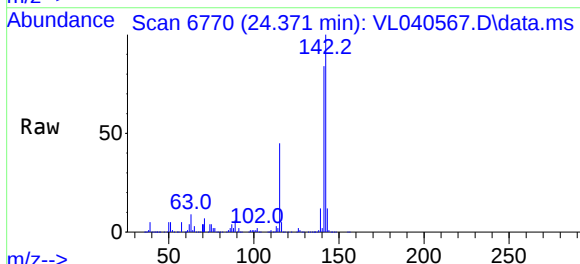
Tgt Ion:128 Resp: 3881380
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.4 9.2 13.8

Manual Integrations
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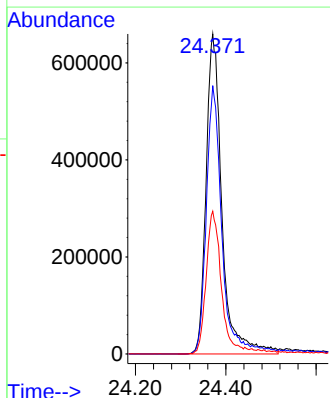
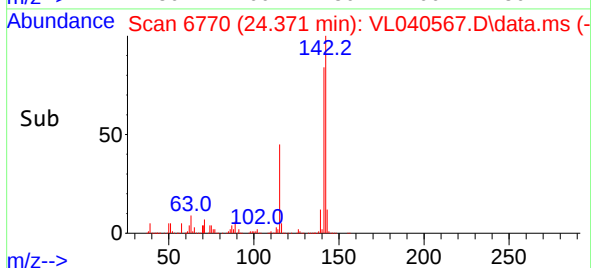
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

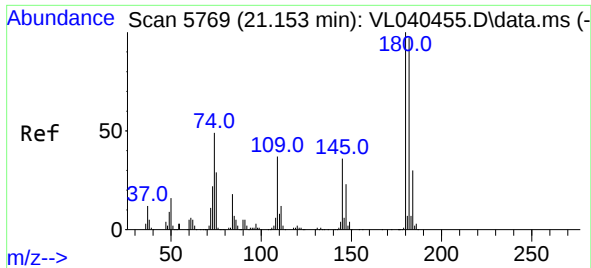


#80
Naphthalene,2-methyl-
Concen: 12.683 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.006 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31



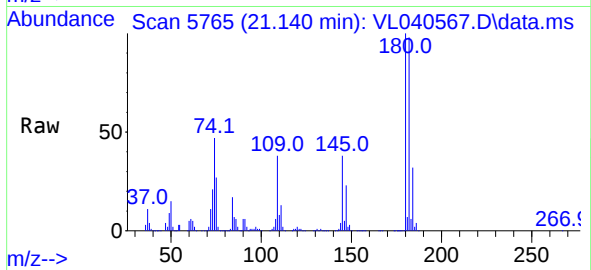
Tgt Ion:142 Resp: 1608041
Ion Ratio Lower Upper
142 100
141 82.8 66.7 100.1
115 45.3 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 10.708 ppbv
RT: 21.140 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL040567.D
Acq: 27 Jul 2023 9:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 2269168
Ion Ratio Lower Upper
180 100
182 97.1 77.5 116.3
184 31.0 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

