

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040528.D
 Acq On : 14 Jul 2023 15:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 16 23:28:30 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	5.198	49	1029098	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2567001	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2575225m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2035345 9.986 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.738	85	2018354	9.805	ppbv	98
3) Chlorodifluoromethane	2.684	51	1561620	9.574	ppbv	96
4) Chloromethane	2.822	50	619268	9.583	ppbv	94
5) Vinyl Chloride	2.928	62	654094	9.640	ppbv	99
6) Bromomethane	3.128	94	297194	10.377	ppbv	94
7) Chloroethane	3.205	64	233612	9.813	ppbv	95
8) Dichlorotetrafluoroethane	2.867	85	1678535	9.911	ppbv	100
9) Propene	2.703	41	480235	8.600	ppbv	99
10) Heptane	7.584	43	1241116	10.065	ppbv	99
11) Trichlorofluoromethane	3.568	101	1691664	10.185	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.073	101	1159032	9.908	ppbv	97
13) Ethanol	3.250	45	98436m	8.102	ppbv	
14) Bromoethene	3.372	108	527110	10.480	ppbv	98
15) Acetone	3.472	43	1149185	9.701	ppbv	99
16) 1,3-Butadiene	2.992	39	588798	9.852	ppbv	99
17) tert-Butyl alcohol	3.883	59	1136535	9.276	ppbv	100
18) 1,1-Dichloroethene	3.886	96	555001	10.320	ppbv	95
19) Isopropyl Alcohol	3.581	45	617837	9.085	ppbv #	95
20) Methylene Chloride	3.938	84	459848	9.126	ppbv	97
21) Allyl Chloride	4.002	41	647753	9.575	ppbv	94
22) trans-1,2-Dichloroethene	4.449	96	547504	10.319	ppbv	96
23) Vinyl Acetate	4.632	43	1187478	10.522	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1139229	9.945	ppbv	100
25) Ethyl Acetate	5.208	43	2205825	9.781	ppbv	99
26) Hexane	5.217	57	987810	9.428	ppbv	98
27) Carbon Disulfide	4.131	76	1334576	10.829	ppbv	100
28) Methyl tert-Butyl Ether	4.590	73	816352	9.679	ppbv	99
29) Chloroform	5.282	83	1724097	9.922	ppbv	99
30) Cyclohexane	6.610	84	826686	9.483	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	1033766	9.982	ppbv	97
32) 1,1,1-Trichloroethane	6.008	97	1743508	10.254	ppbv	99
34) 2-Butanone	4.790	43	1362809	10.744	ppbv	98
35) Carbon Tetrachloride	6.500	117	1784329	11.550	ppbv	97
36) Benzene	6.375	78	2068296	10.014	ppbv	97
37) 1,2-Dichloroethane	5.812	62	1343679	11.058	ppbv	98
38) Trichloroethene	7.298	130	835394	10.693	ppbv	95
39) 1,2-Dichloropropane	7.079	63	804090	10.113	ppbv	96
40) 1,4-Dioxane	7.295	88	223013	8.967	ppbv #	88
41) Tetrahydrofuran	5.565	42	763651	10.317	ppbv	98
42) Bromodichloromethane	7.256	83	1878517	11.116	ppbv	99
43) Methyl Methacrylate	7.481	69	866271	11.205	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	3388132	10.195	ppbv	98
45) t-1,3-Dichloropropene	8.716	75	610941	12.319	ppbv	99

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

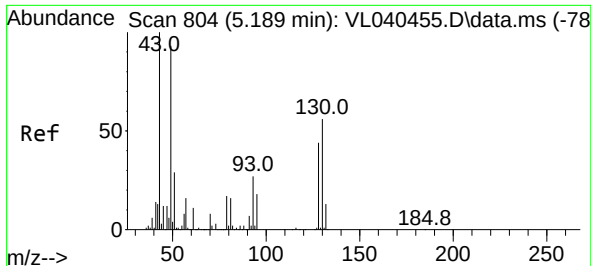
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

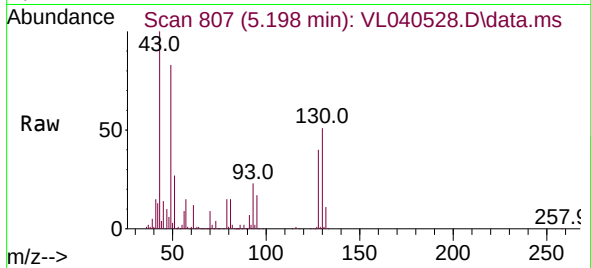
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	732647	11.514	ppbv	92
47) 1,1,2-Trichloroethane	8.905	97	889990	10.145	ppbv	98
48) Dibromochloromethane	9.716	129	1549702	11.425	ppbv	100
49) Bromoform	12.413	173	1276676	11.873	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2041012	11.074	ppbv	98
51) 2-Hexanone	9.555	43	1530846	11.746	ppbv	97
52) Tetrachloroethene	10.622	164	726590	10.863	ppbv	95
53) Toluene	9.230	91	2404722	10.718	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1214646	11.139	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1154160	10.007	ppbv	97
57) Chlorobenzene	11.536	112	1897582	9.449	ppbv #	94
58) Ethyl Benzene	12.098	91	3343554	10.346	ppbv	96
59) m/p-Xylene	12.381	91	5888223m	20.414	ppbv	
60) o-Xylene	13.066	91	2848093	10.365	ppbv	99
61) Styrene	12.902	104	1415995	11.172	ppbv	97
62) Isopropylbenzene	14.037	105	4136774	10.044	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	2016568	10.479	ppbv	100
64) n-propylbenzene	14.924	120	1086414	10.196	ppbv	94
65) tert-Butylbenzene	16.098	119	3708035	10.170	ppbv	96
66) Benzyl Chloride	16.336	91	283303	10.984	ppbv	99
67) sec-Butylbenzene	16.645	105	5405893	10.091	ppbv	98
69) p-Isopropyltoluene	17.002	119	4493460	10.150	ppbv	98
70) n-Butylbenzene	17.892	91	5094395	10.319	ppbv	99
71) 2-Chlorotoluene	14.809	91	3300978	10.400	ppbv	98
72) 4-Ethyltoluene	15.201	105	3415970	10.605	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	2976598	10.484	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	3404485	10.285	ppbv	98
75) 1,3-Dichlorobenzene	16.339	146	1983987	9.885	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1977860	10.050	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	1910978	9.958	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1640374	9.102	ppbv	99
79) Naphthalene	21.390	128	3425068	12.229	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	1452032	12.573	ppbv	97
81) 1,2,4-Trichlorobenzene	21.149	180	2026876	10.501	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

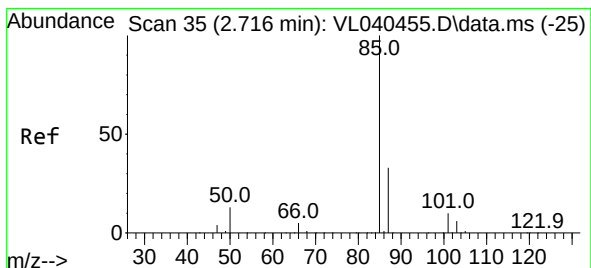
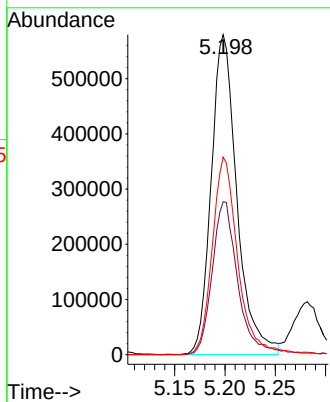
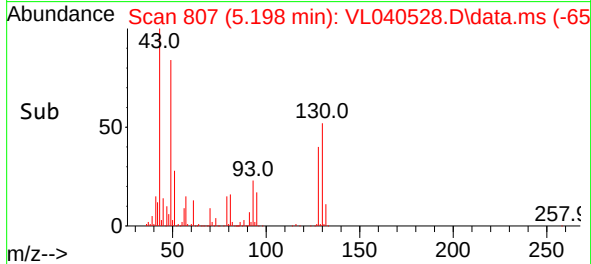
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1029098
Ion Ratio Lower Upper
49 100
128 48.3 25.1 75.4
130 62.7 31.6 94.7

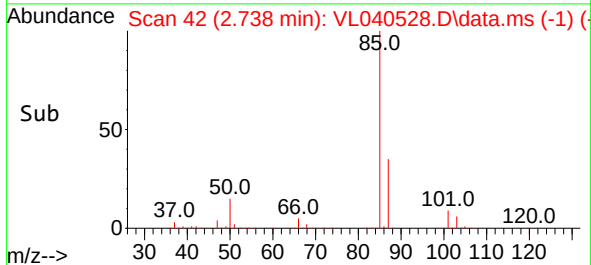
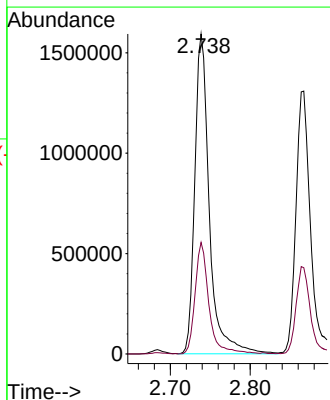
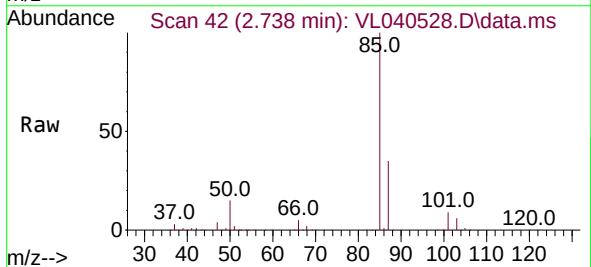
Manual Integrations
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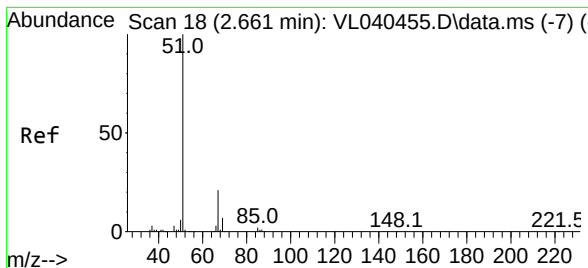
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 9.805 ppbv
RT: 2.738 min Scan# 42
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 85 Resp: 2018354
Ion Ratio Lower Upper
85 100
87 34.8 26.8 40.2





#3

Chlorodifluoromethane

Concen: 9.574 ppbv

RT: 2.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 51 Resp: 1561620

Ion Ratio Lower Upper

51 100

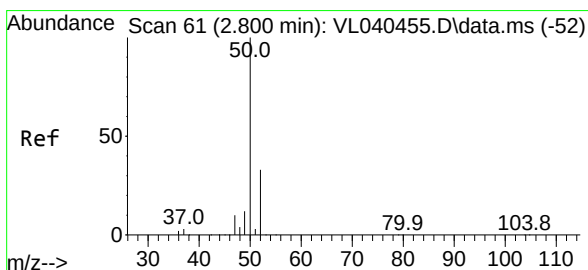
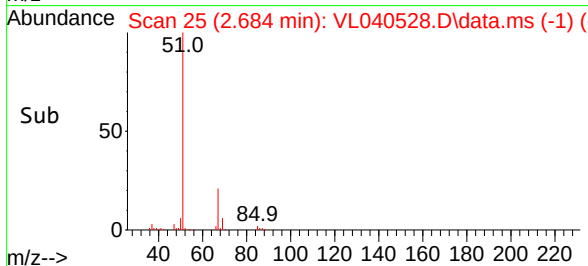
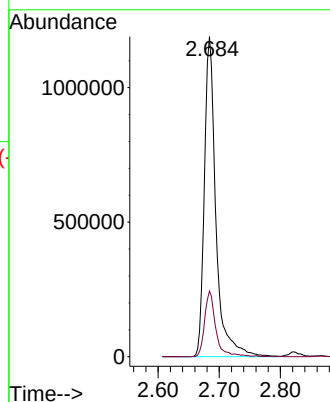
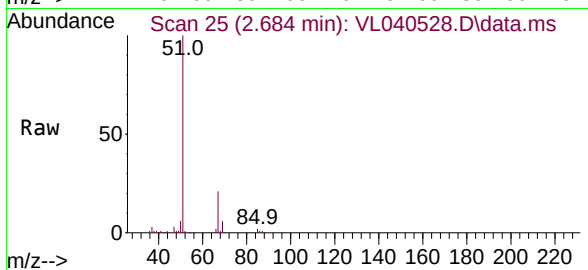
67 20.0 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#4

Chloromethane

Concen: 9.583 ppbv

RT: 2.822 min Scan# 68

Delta R.T. -0.000 min

Lab File: VL040528.D

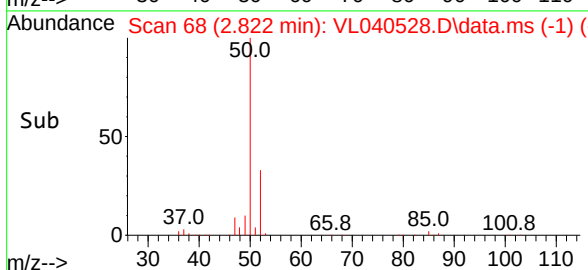
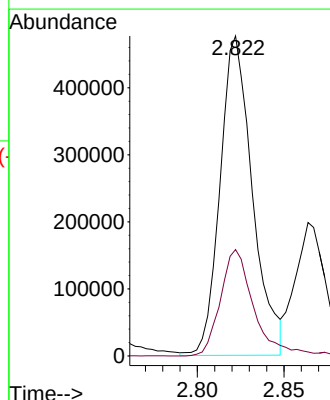
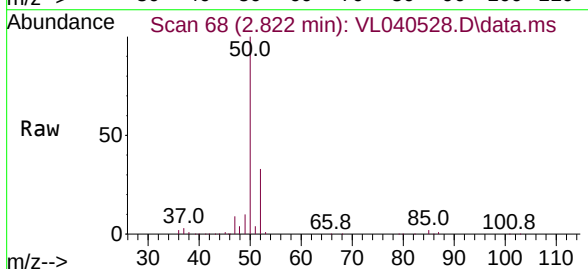
Acq: 14 Jul 2023 15:09

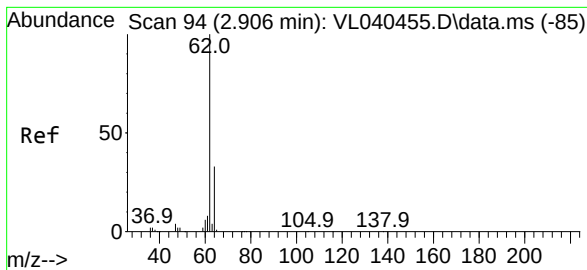
Tgt Ion: 50 Resp: 619268

Ion Ratio Lower Upper

50 100

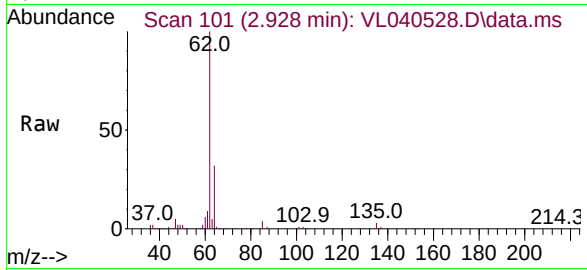
52 33.6 24.4 36.6





#5
 Vinyl Chloride
 Concen: 9.640 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

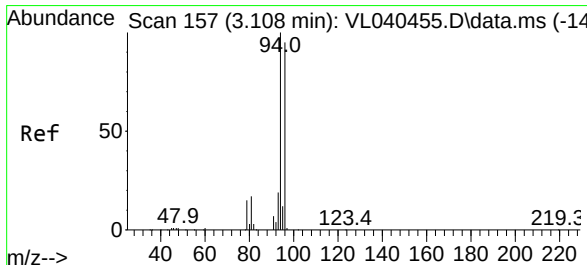
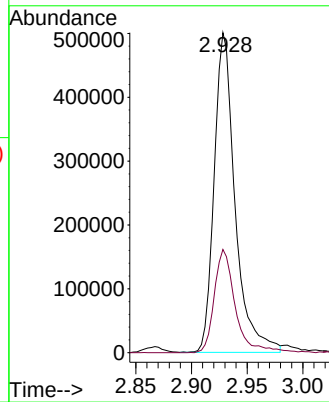
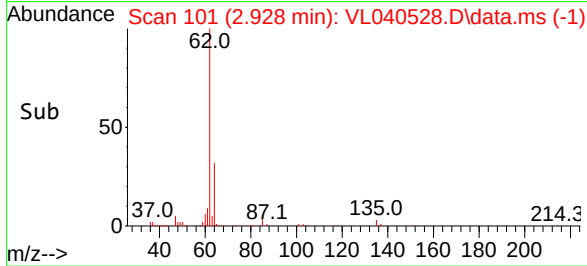
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 654094
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.4 39.6

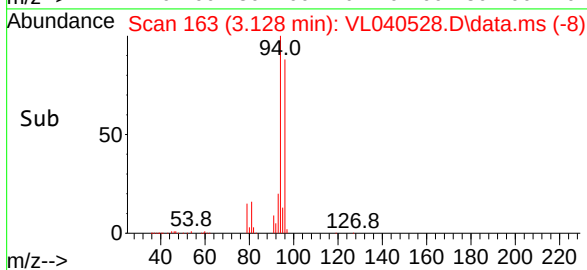
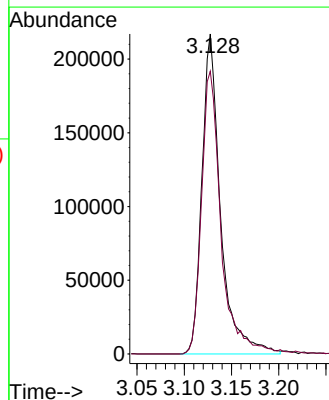
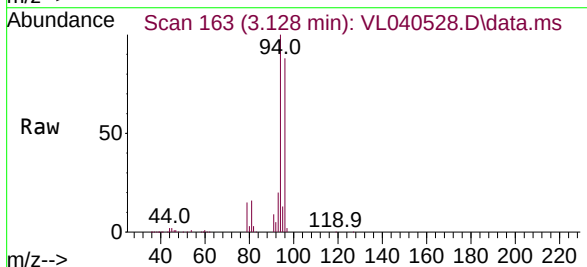
Manual Integrations
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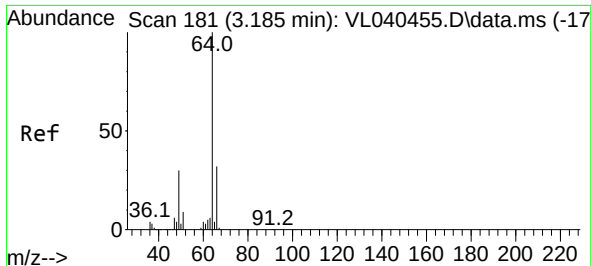
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#6
 Bromomethane
 Concen: 10.377 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

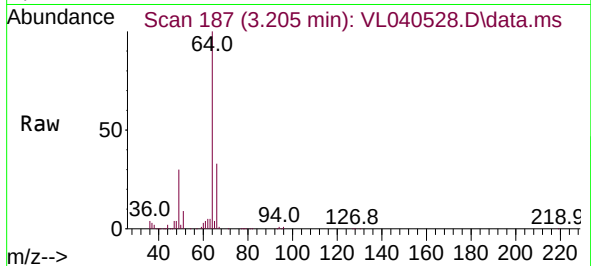
Tgt Ion: 94 Resp: 297194
 Ion Ratio Lower Upper
 94 100
 96 88.4 75.7 113.5





#7
Chloroethane
Concen: 9.813 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

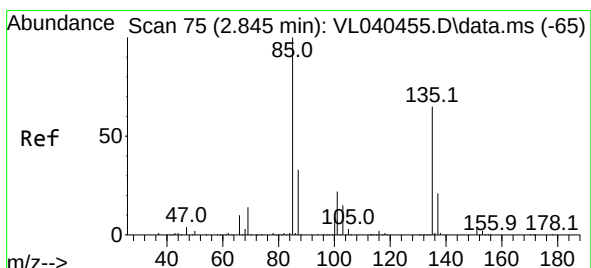
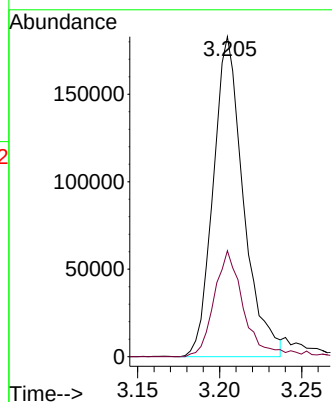
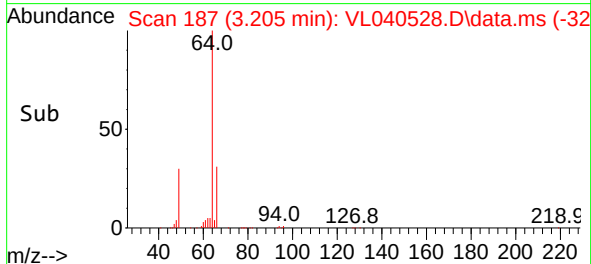
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



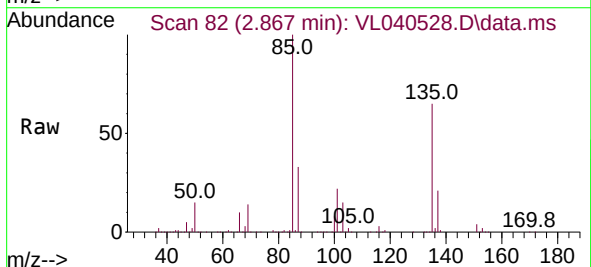
Tgt Ion: 64 Resp: 233612
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6

Manual Integrations
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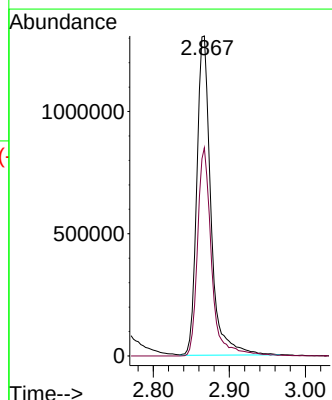
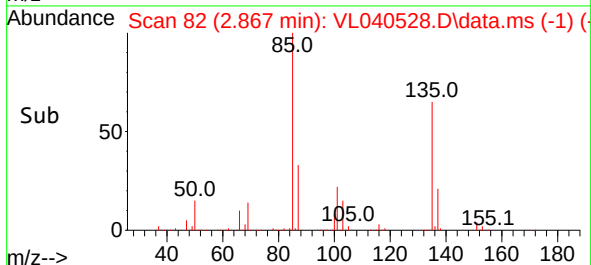
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

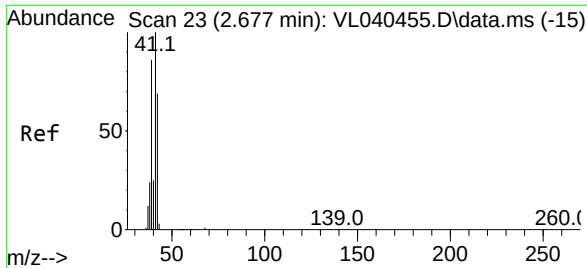


#8
Dichlorotetrafluoroethane
Concen: 9.911 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion: 85 Resp: 1678535
Ion Ratio Lower Upper
85 100
135 65.3 52.4 78.6





#9

Propene

Concen: 8.600 ppbv

RT: 2.703 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 480235

Ion Ratio Lower Upper

41 100

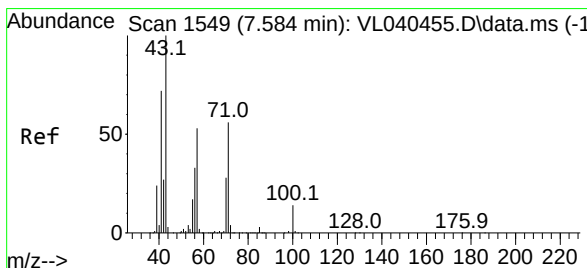
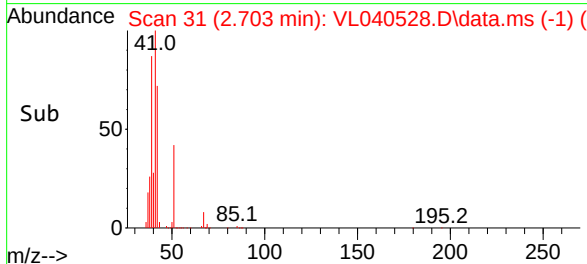
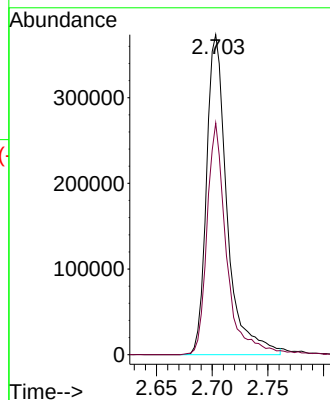
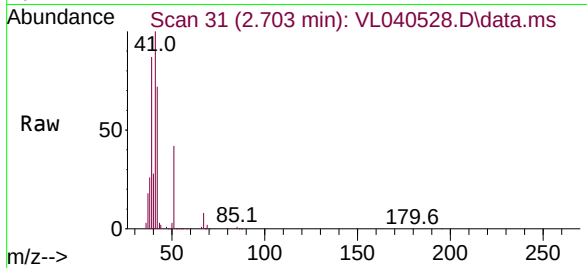
42 69.7 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#10

Heptane

Concen: 10.065 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. -0.007 min

Lab File: VL040528.D

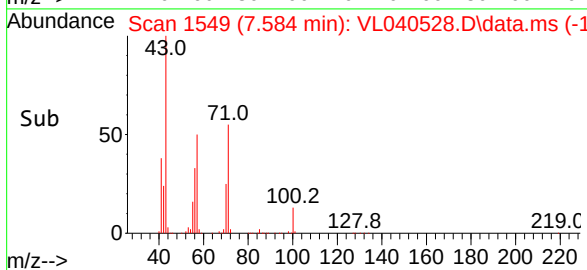
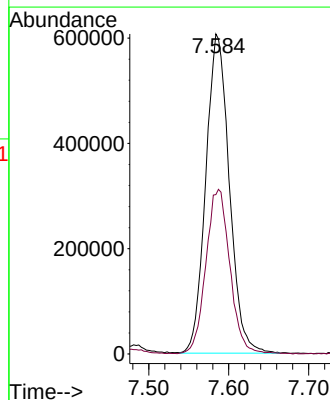
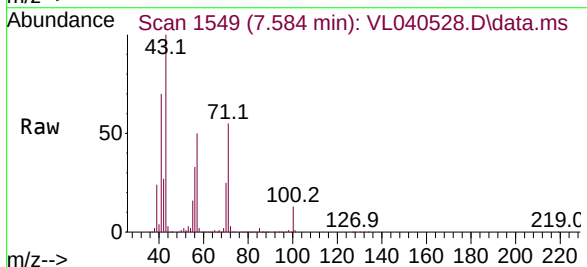
Acq: 14 Jul 2023 15:09

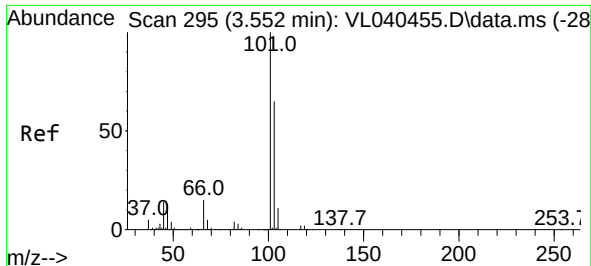
Tgt Ion: 43 Resp: 1241116

Ion Ratio Lower Upper

43 100

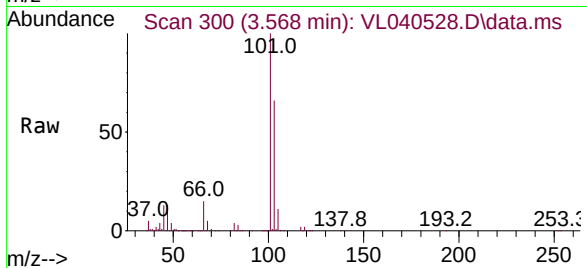
57 52.5 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 10.185 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. -0.003 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

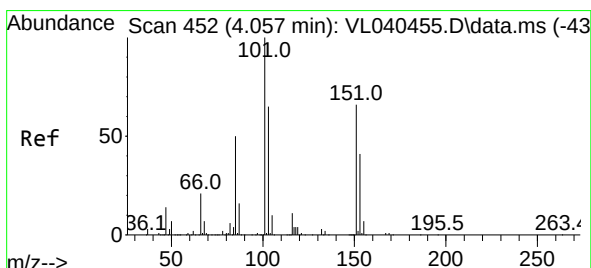
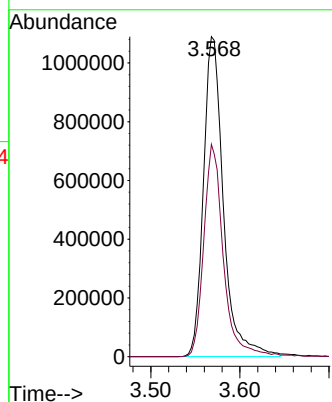
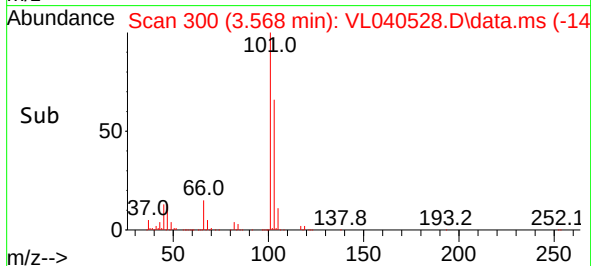
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



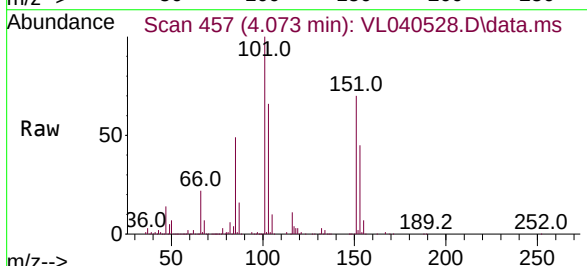
Tgt Ion:101 Resp: 1691664
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.4 80.0

Manual Integrations
 APPROVED

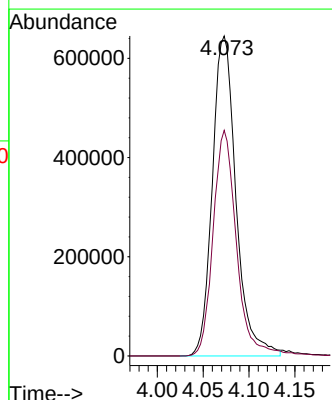
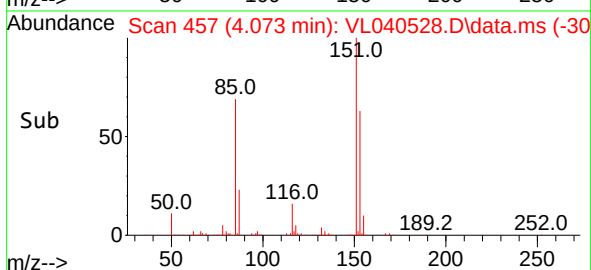
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

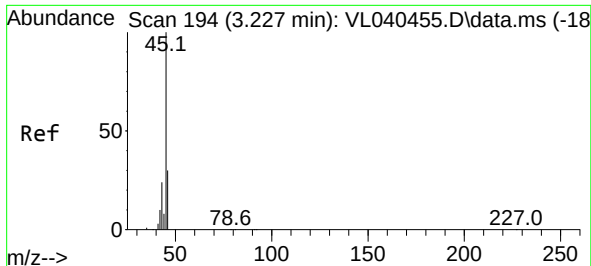


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.908 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. -0.000 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09



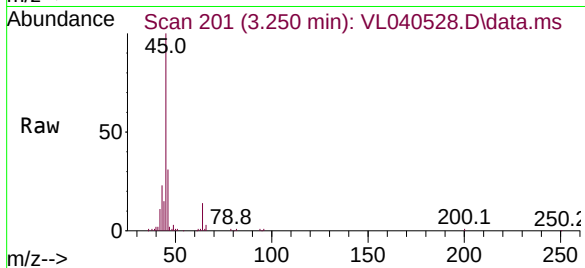
Tgt Ion:101 Resp: 1159032
 Ion Ratio Lower Upper
 101 100
 151 70.1 58.2 87.4





#13
Ethanol
Concen: 8.102 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

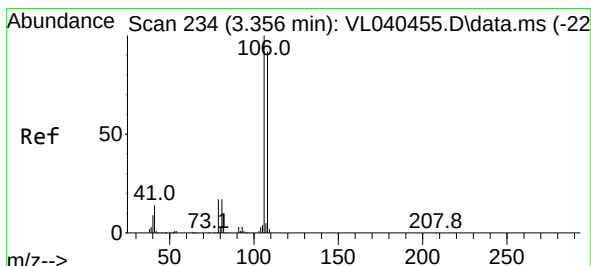
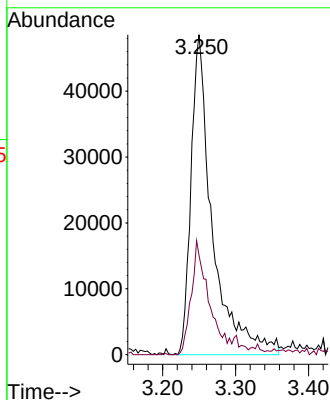
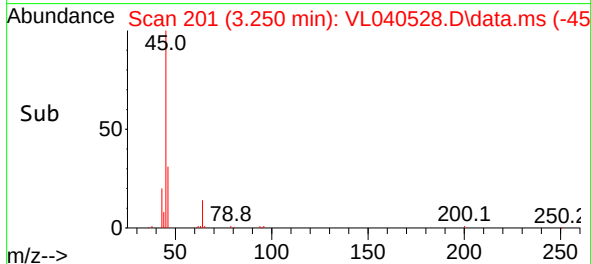
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



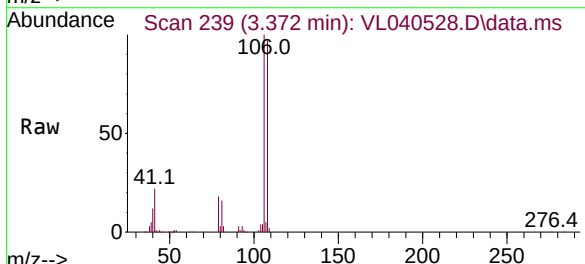
Tgt Ion: 45 Resp: 98430
Ion Ratio Lower Upper
45 100
46 33.5 15.3 61.1

Manual Integrations
APPROVED

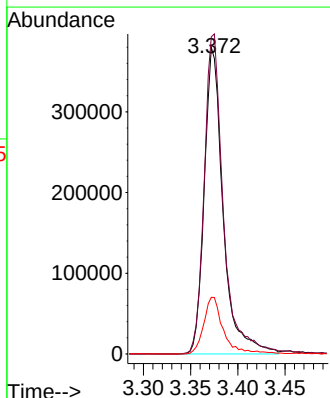
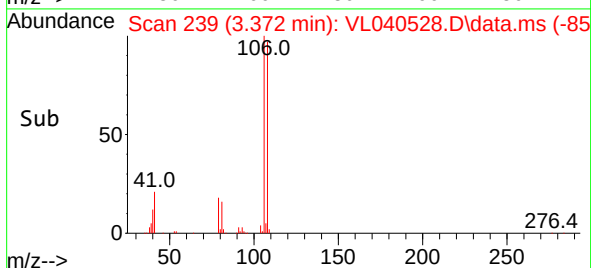
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

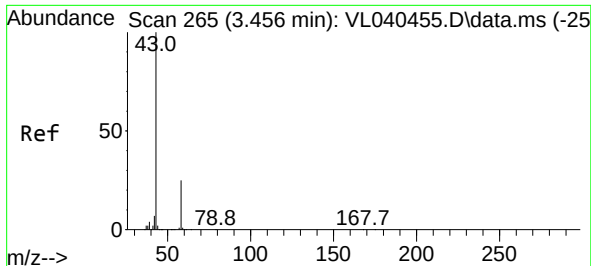


#14
Bromoethene
Concen: 10.480 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion:108 Resp: 527110
Ion Ratio Lower Upper
108 100
106 107.2 87.2 130.8
79 19.6 15.3 22.9





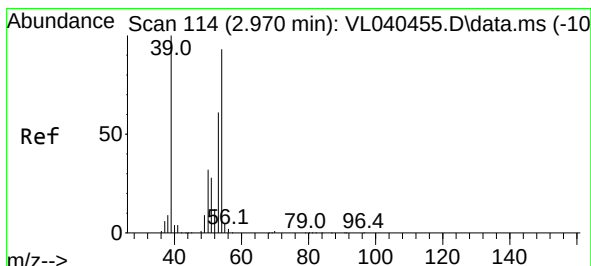
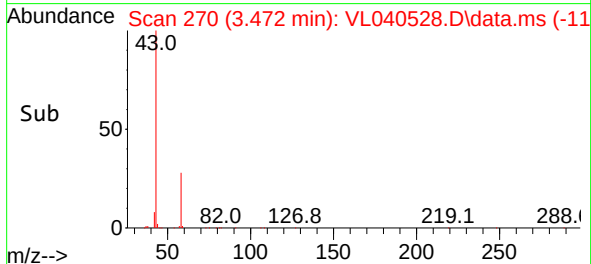
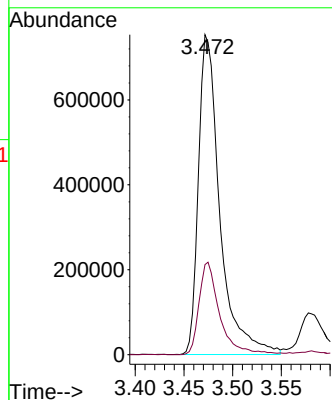
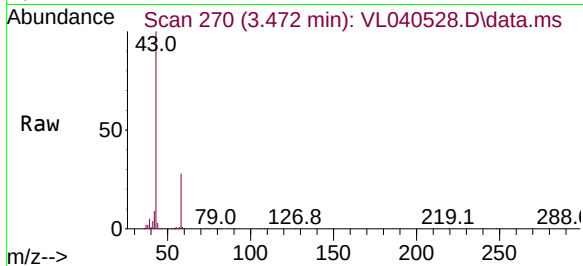
#15
Acetone
Concen: 9.701 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 114918
Ion Ratio Lower Upper
43 100
58 28.2 22.9 34.3

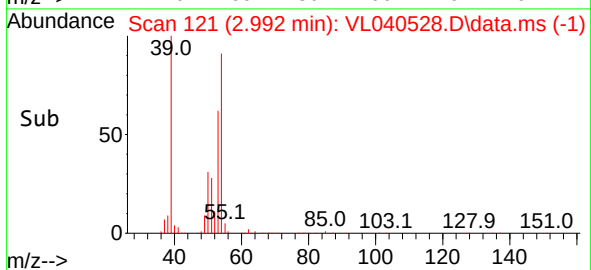
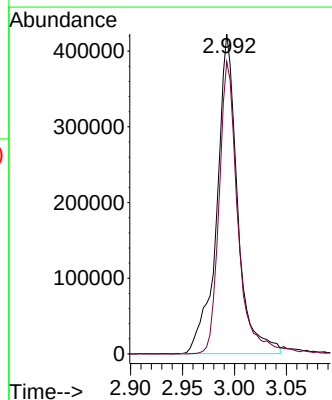
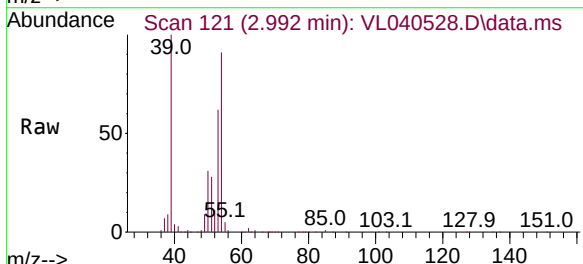
Manual Integrations
APPROVED

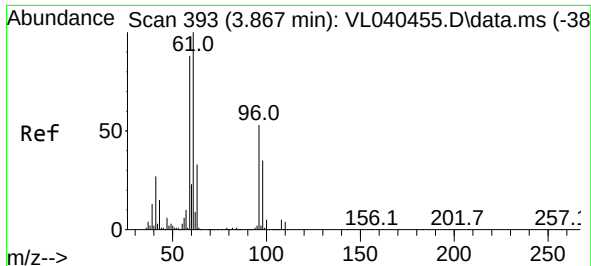
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
1,3-Butadiene
Concen: 9.852 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 39 Resp: 588798
Ion Ratio Lower Upper
39 100
54 84.1 66.6 100.0





#17

tert-Butyl alcohol

Concen: 9.276 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.000 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 113653

Ion Ratio Lower Upper

59 100

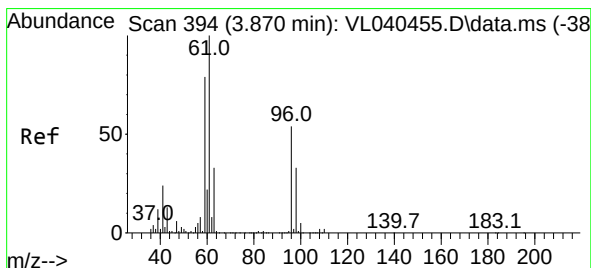
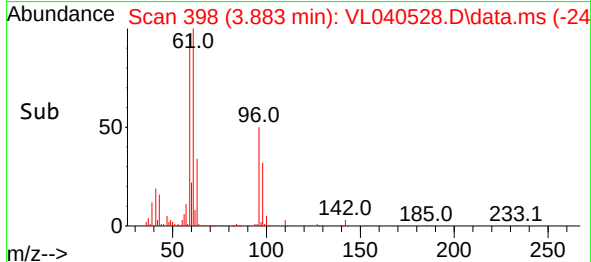
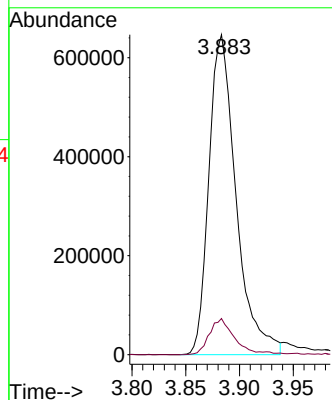
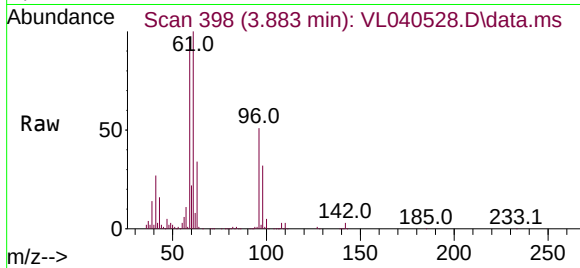
57 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#18

1,1-Dichloroethene

Concen: 10.320 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

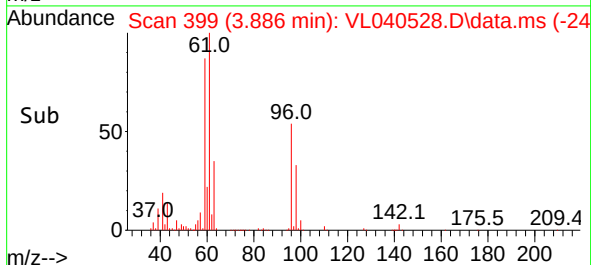
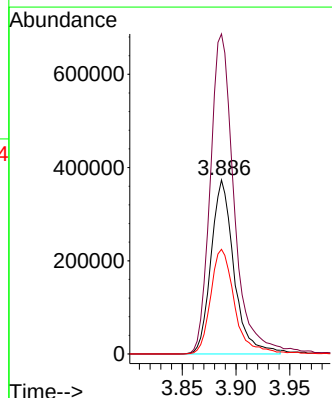
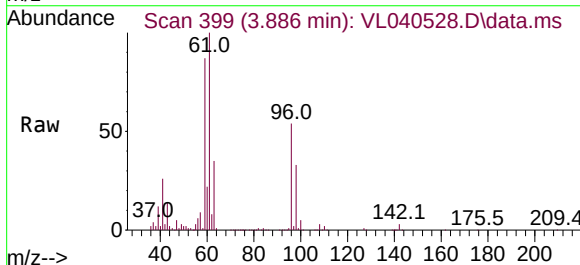
Tgt Ion: 96 Resp: 555001

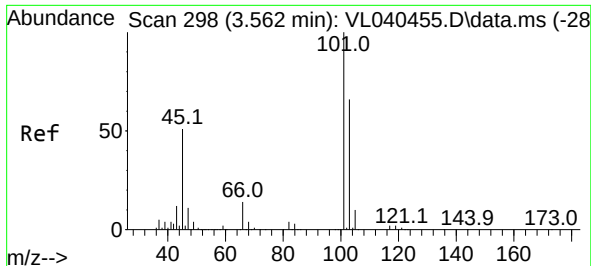
Ion Ratio Lower Upper

96 100

61 184.0 154.4 231.6

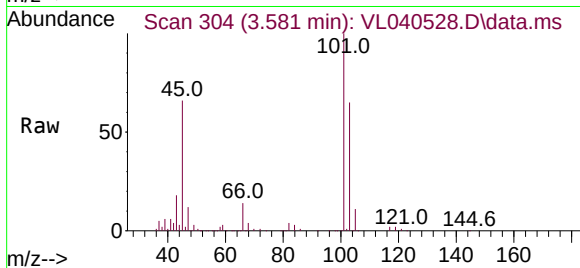
98 60.2 50.0 75.0





#19
Isopropyl Alcohol
Concen: 9.085 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

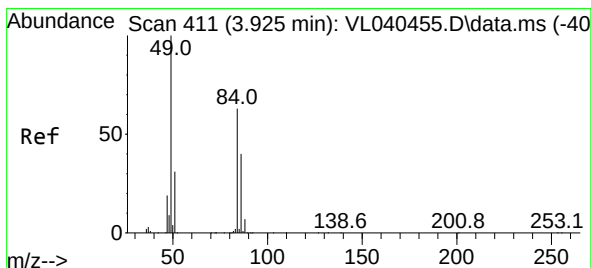
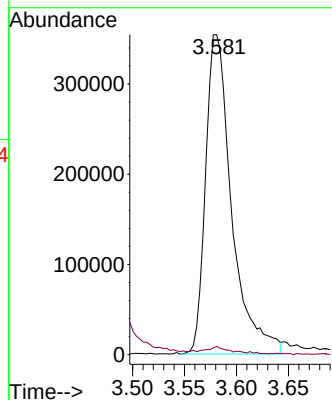
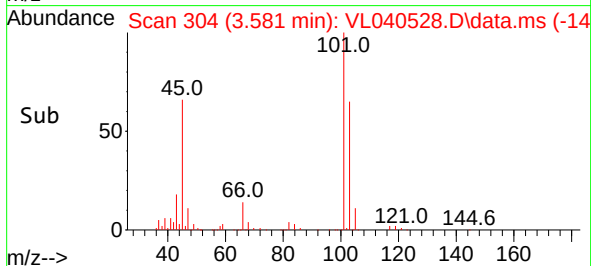
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



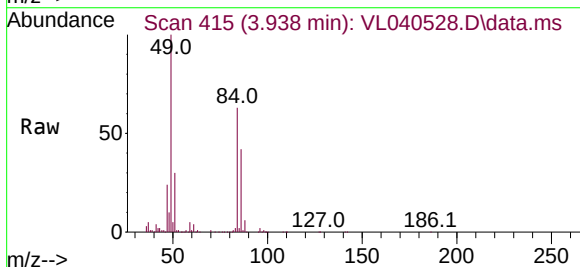
Tgt Ion: 45 Resp: 61783
Ion Ratio Lower Upper
45 100
58 3.3 1.1 1.7

Manual Integrations
APPROVED

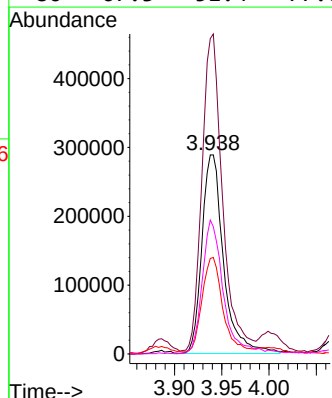
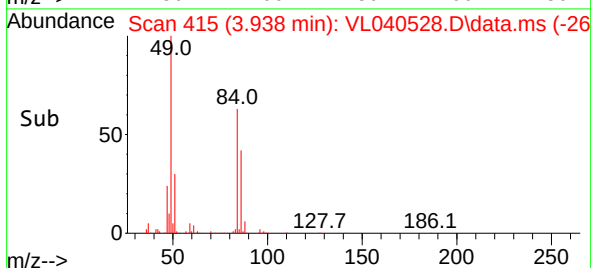
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

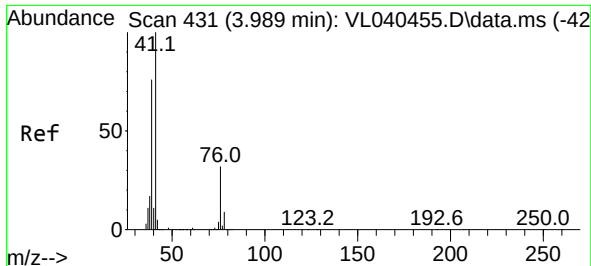


#20
Methylene Chloride
Concen: 9.126 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion: 84 Resp: 459848
Ion Ratio Lower Upper
84 100
49 157.4 123.4 185.2
51 47.0 38.3 57.5
86 67.3 51.4 77.0





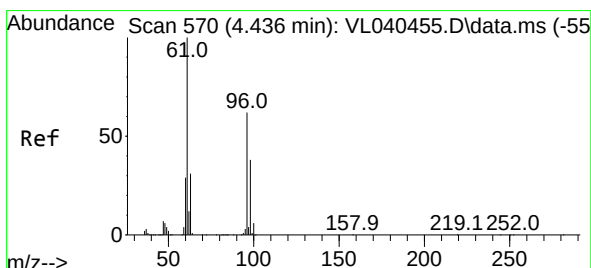
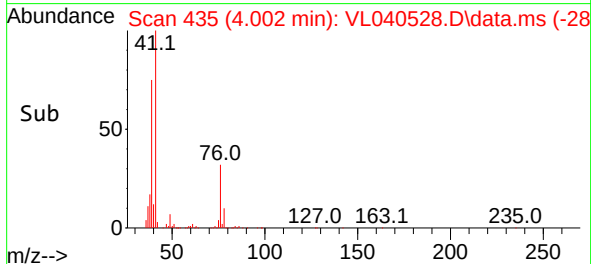
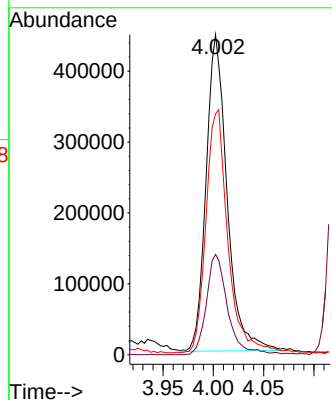
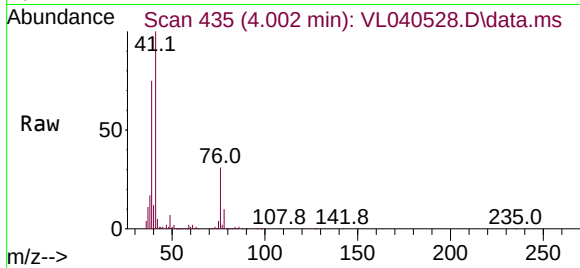
#21
 Allyl Chloride
 Concen: 9.575 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 64775
 Ion Ratio Lower Upper
 41 100
 76 32.3 24.8 37.2
 39 81.8 60.6 91.0

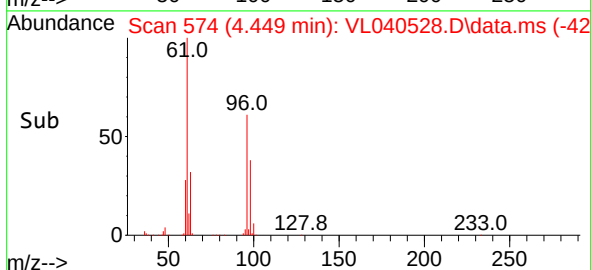
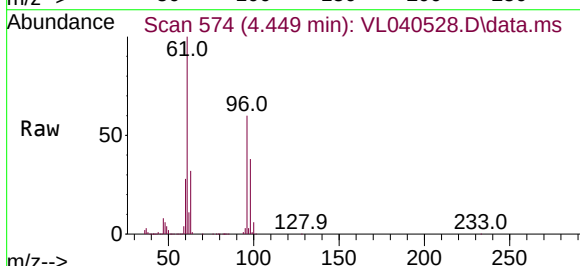
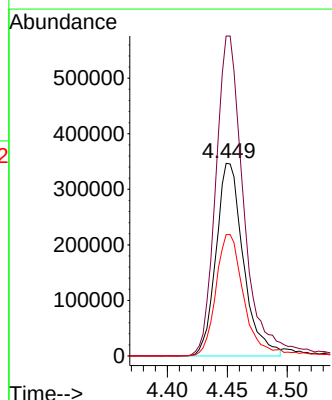
Manual Integrations
 APPROVED

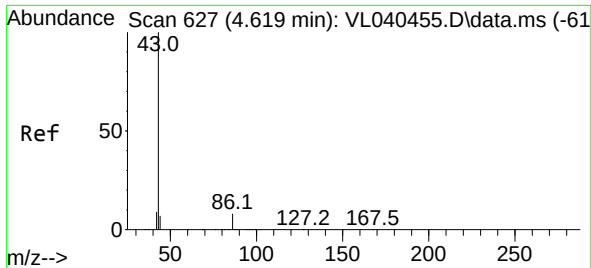
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.319 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. -0.003 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

Tgt Ion: 96 Resp: 547504
 Ion Ratio Lower Upper
 96 100
 61 166.0 137.7 206.5
 98 63.0 52.9 79.3





#23
 Vinyl Acetate
 Concen: 10.522 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. -0.003 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

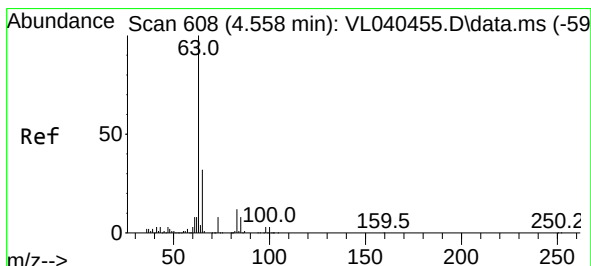
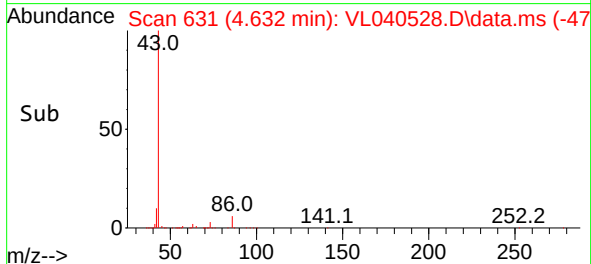
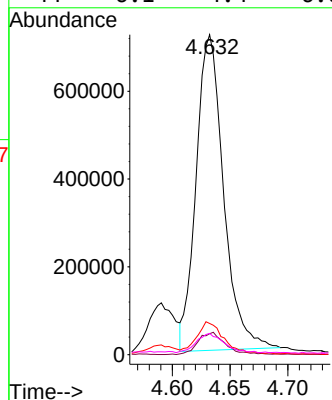
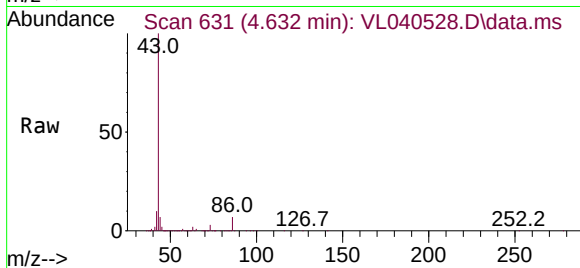
VSTDCCC010

Tgt Ion: 43 Resp: 1187478
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 9.6 7.4 11.2
 44 6.1 4.4 6.6

Manual Integrations

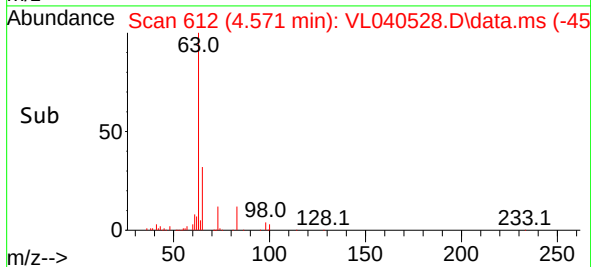
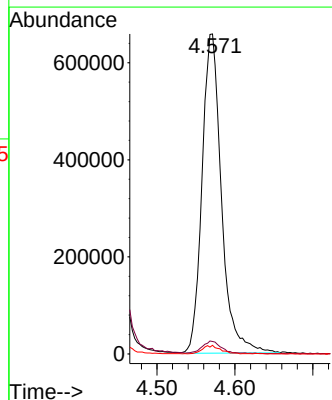
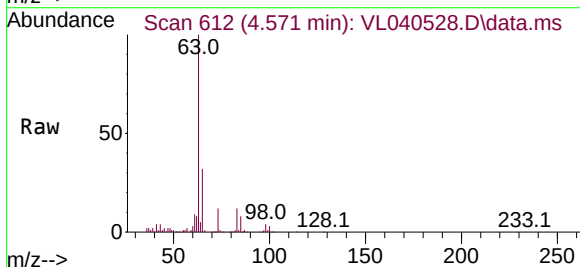
APPROVED

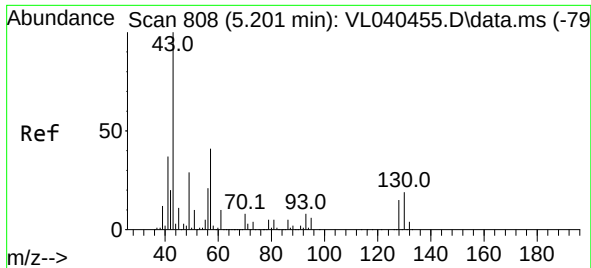
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 9.945 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.000 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

Tgt Ion: 63 Resp: 1139229
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.5
 100 2.6 1.4 4.0





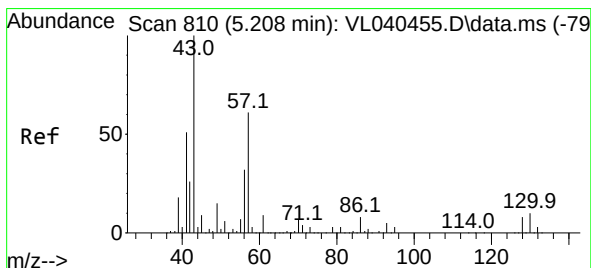
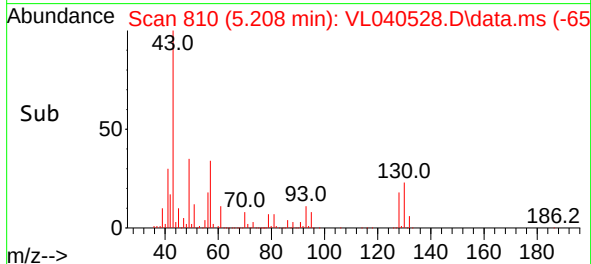
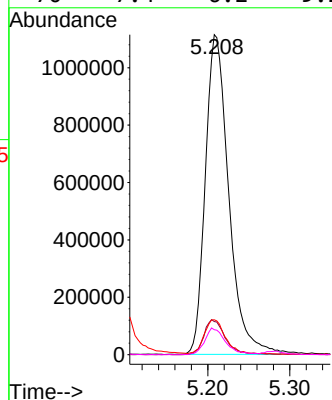
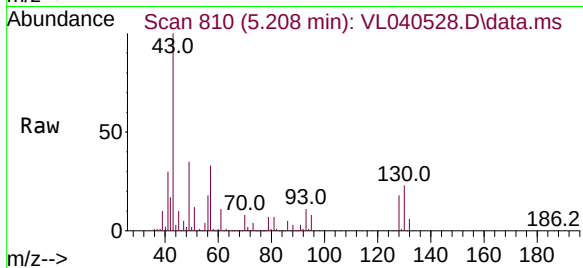
#25
Ethyl Acetate
Concen: 9.781 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2205829
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.1 8.3 12.5
70 7.4 6.2 9.2

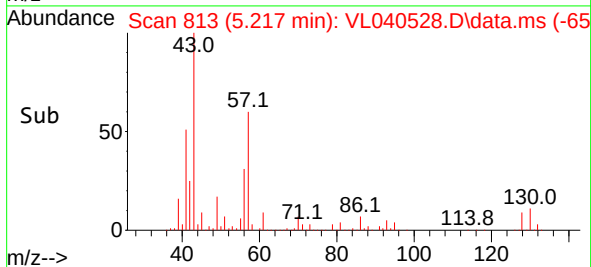
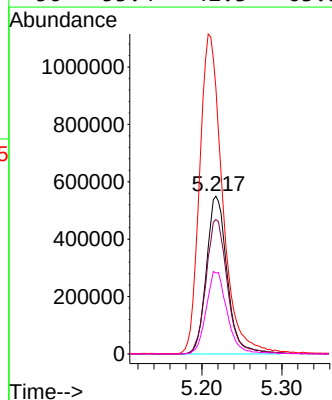
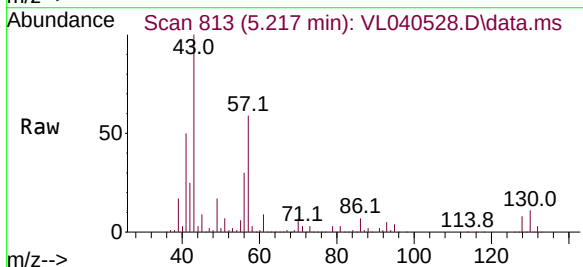
Manual Integrations
APPROVED

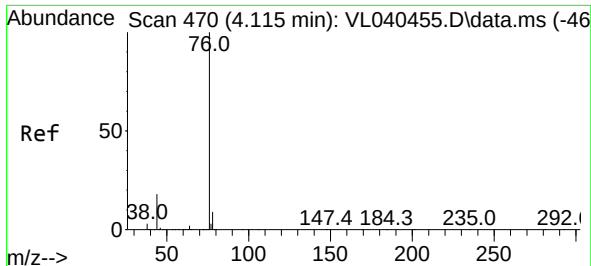
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
Hexane
Concen: 9.428 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

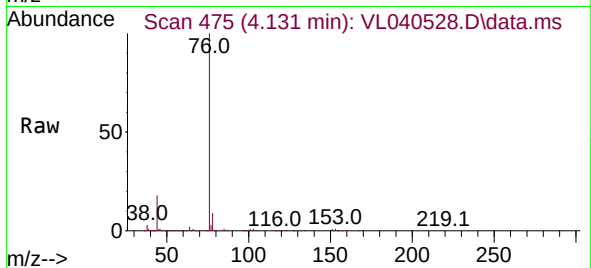
Tgt Ion: 57 Resp: 987810
Ion Ratio Lower Upper
57 100
41 89.9 69.5 104.3
43 225.5 177.1 265.7
56 53.4 42.3 63.5





#27
Carbon Disulfide
Concen: 10.829 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

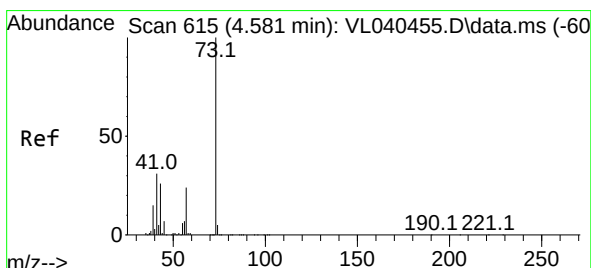
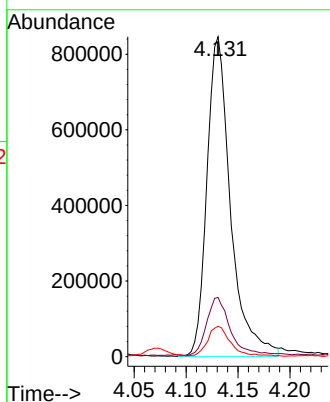
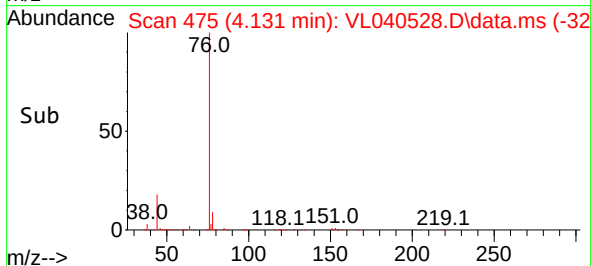
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1334570
Ion Ratio Lower Upper
76 100
44 19.1 15.1 22.7
78 9.5 7.5 11.3

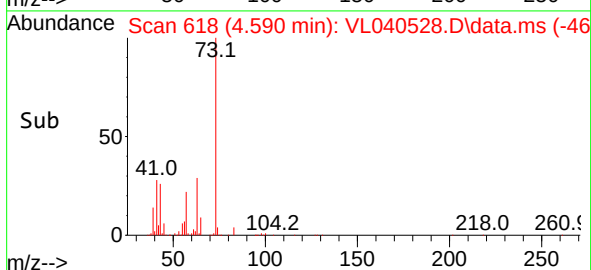
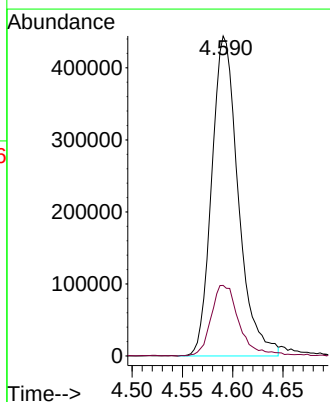
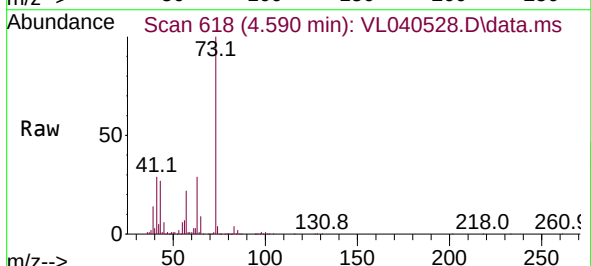
Manual Integrations
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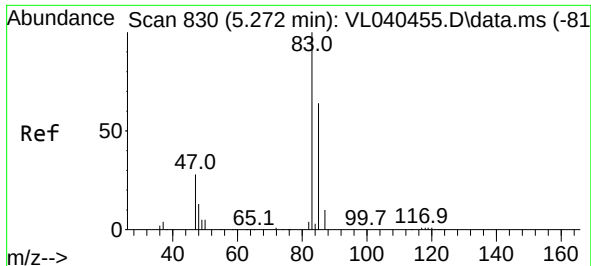
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#28
Methyl tert-Butyl Ether
Concen: 9.679 ppbv
RT: 4.590 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 73 Resp: 816352
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2





#29

Chloroform

Concen: 9.922 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 172409

Ion Ratio Lower Upper

83 100

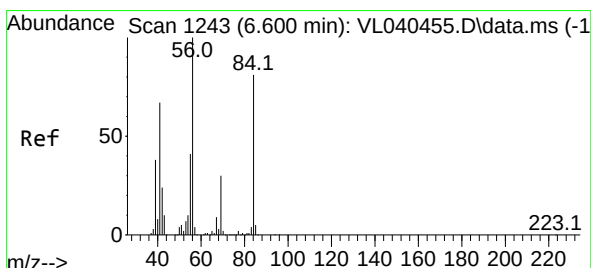
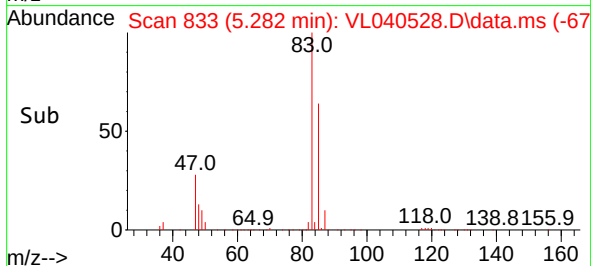
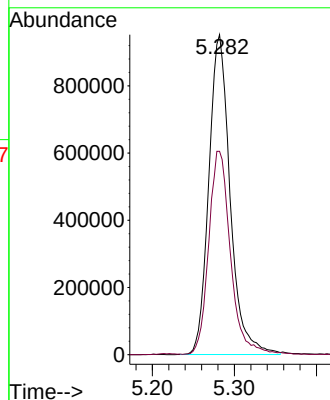
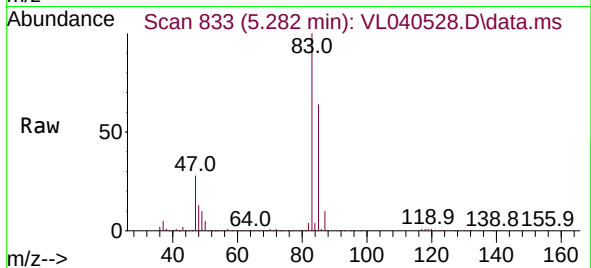
85 63.4 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Cyclohexane

Concen: 9.483 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

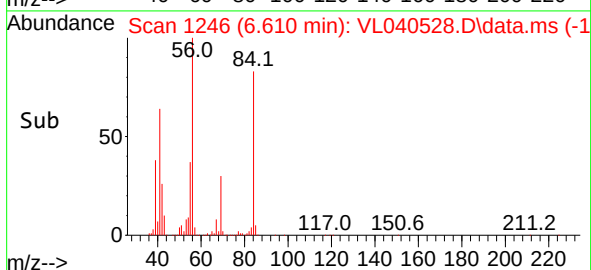
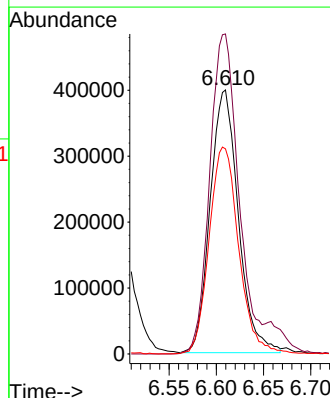
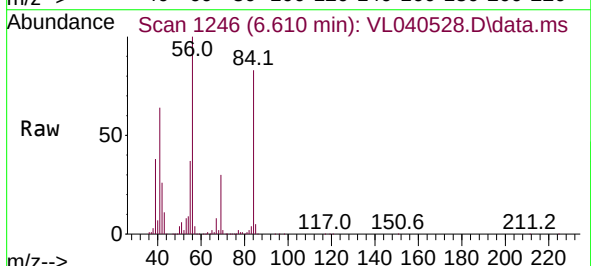
Tgt Ion: 84 Resp: 826686

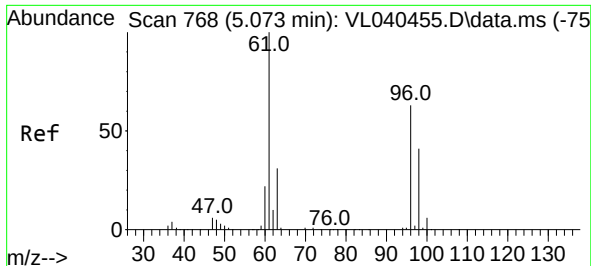
Ion Ratio Lower Upper

84 100

56 133.1 108.7 163.1

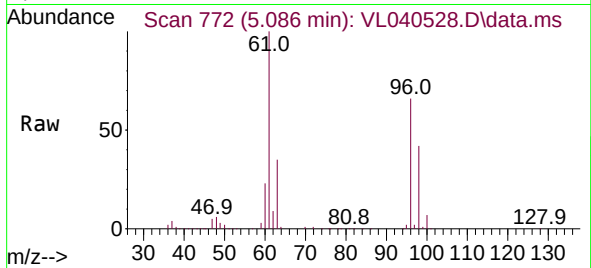
41 83.0 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.982 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

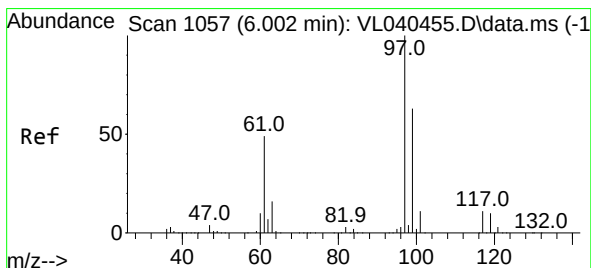
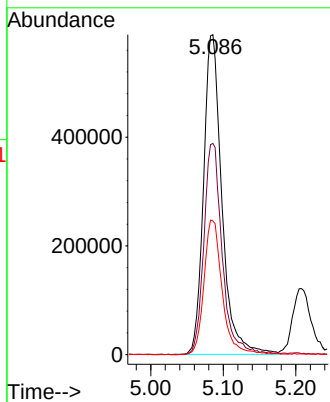
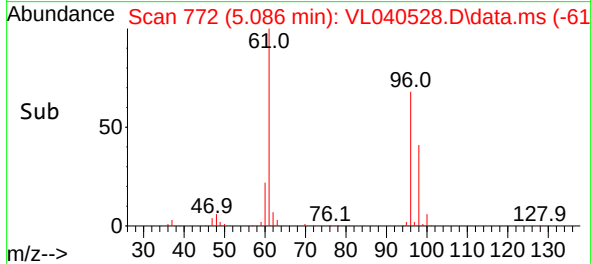
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



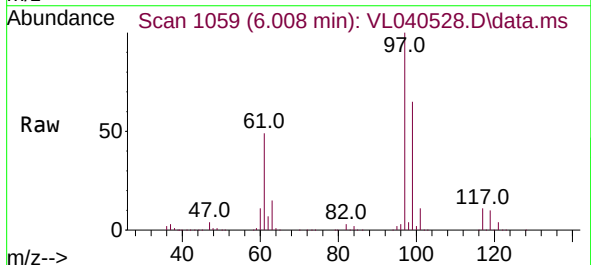
Tgt Ion: 61 Resp: 1033760
 Ion Ratio Lower Upper
 61 100
 96 66.0 54.7 82.1
 98 41.8 34.6 52.0

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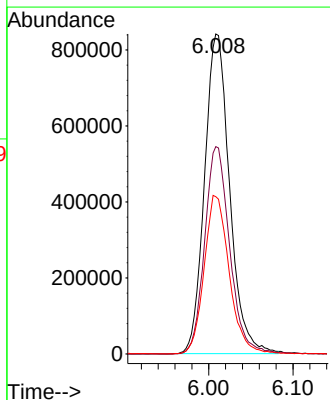
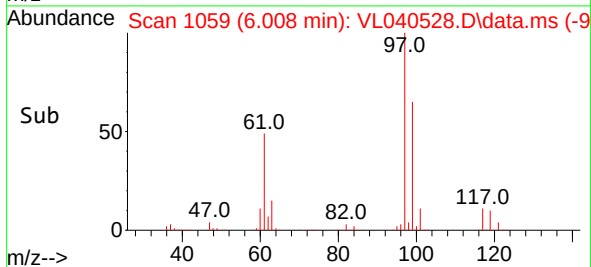
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

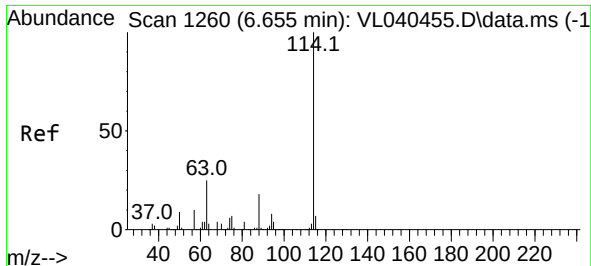


#32
 1,1,1-Trichloroethane
 Concen: 10.254 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09



Tgt Ion: 97 Resp: 1743508
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 49.9 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. -0.007 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 256700

Ion Ratio Lower Upper

114 100

63 26.3 19.6 29.4

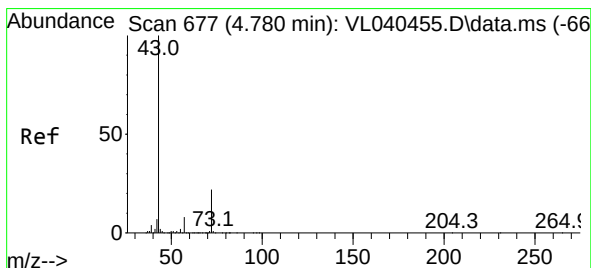
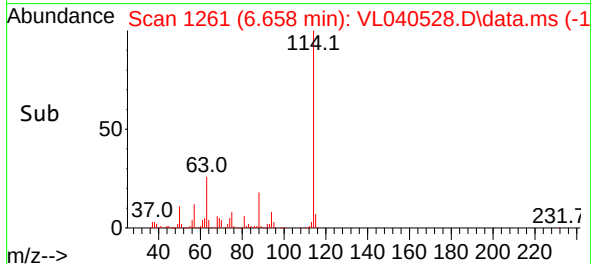
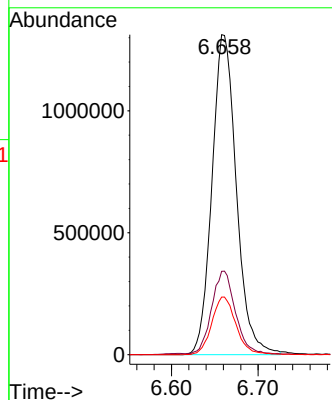
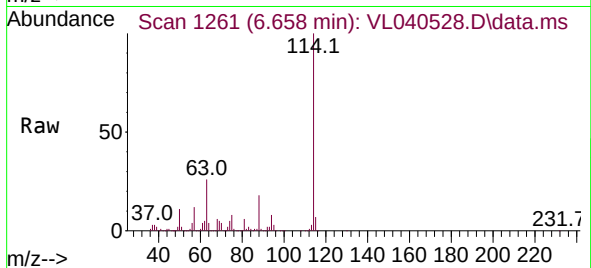
88 18.0 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

2-Butanone

Concen: 10.744 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040528.D

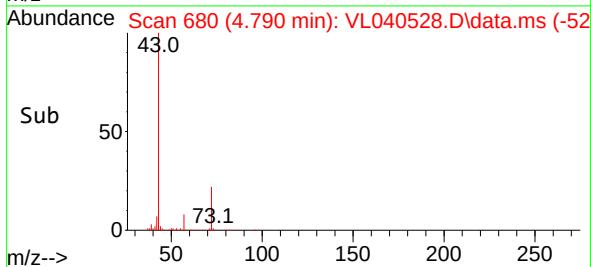
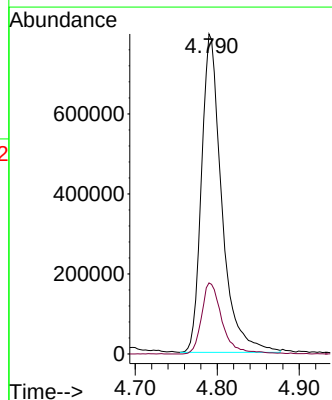
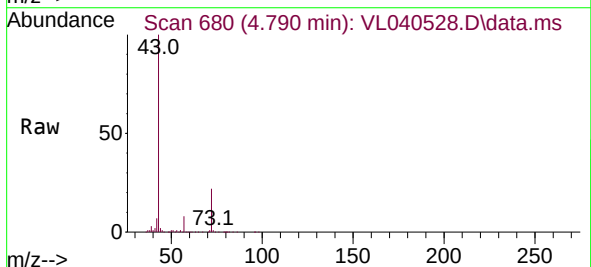
Acq: 14 Jul 2023 15:09

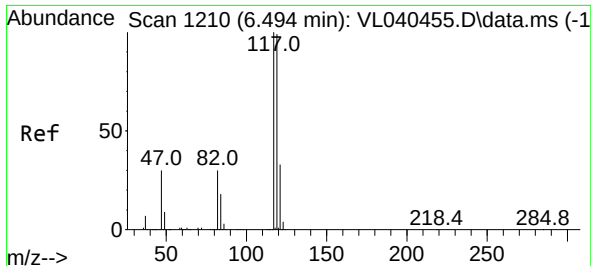
Tgt Ion: 43 Resp: 1362809

Ion Ratio Lower Upper

43 100

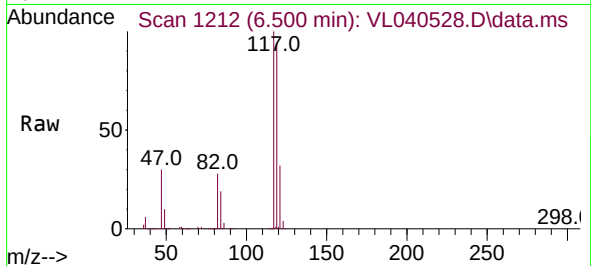
72 22.9 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.550 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

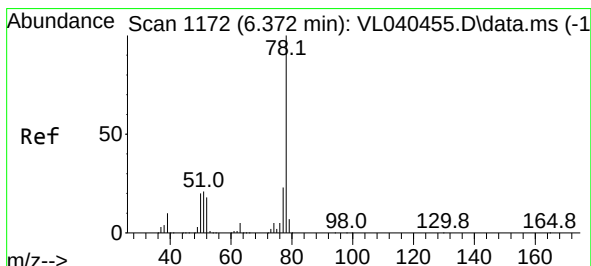
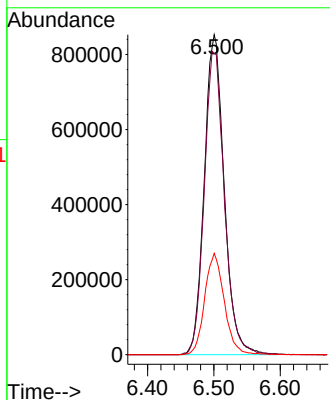
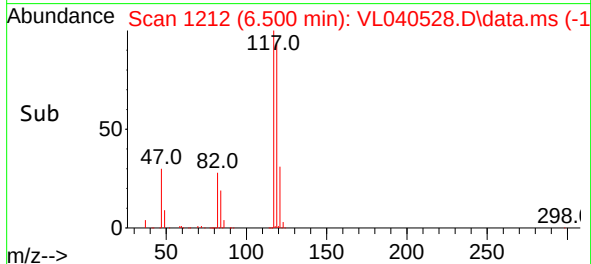
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1784329
Ion Ratio Lower Upper
117 100
119 94.1 77.8 116.6
121 31.7 24.8 37.2

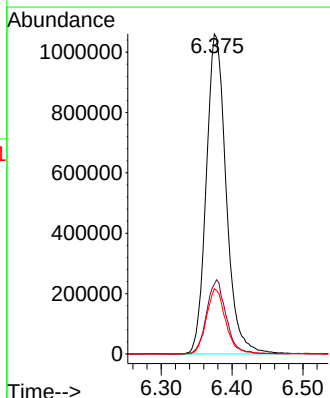
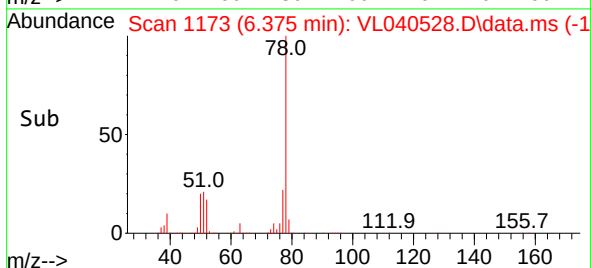
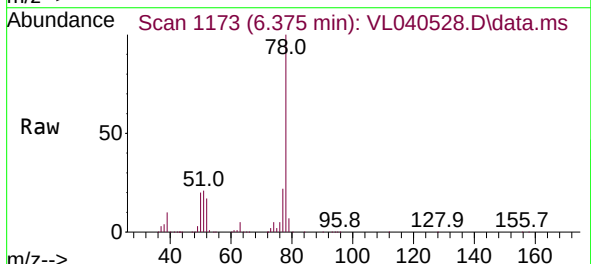
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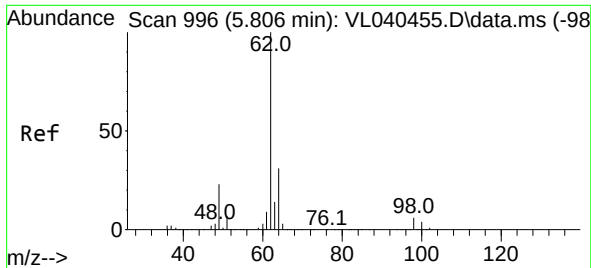
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#36
Benzene
Concen: 10.014 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 78 Resp: 2068296
Ion Ratio Lower Upper
78 100
77 21.8 17.4 26.0
50 20.3 14.4 21.6





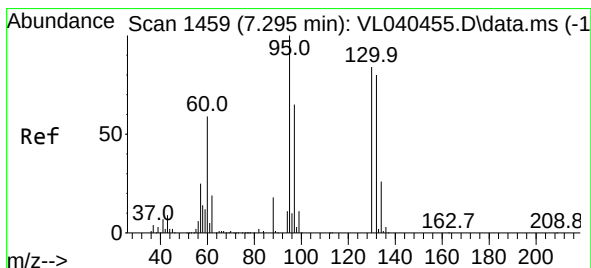
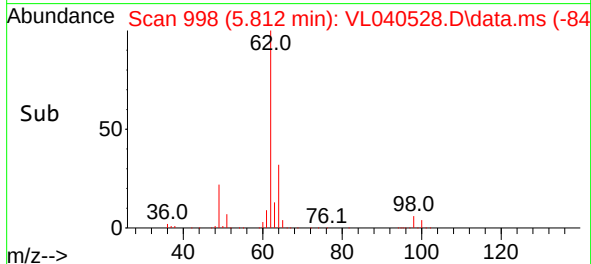
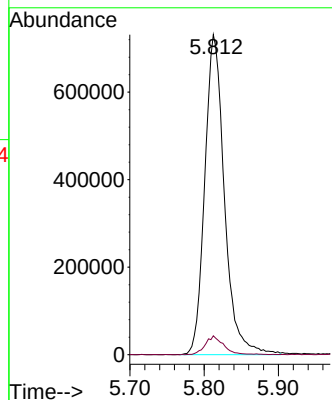
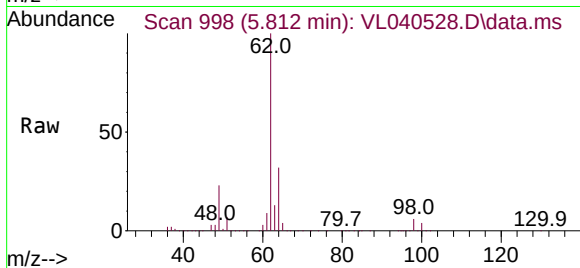
#37
1,2-Dichloroethane
Concen: 11.058 ppbv
RT: 5.812 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1343679
Ion Ratio Lower Upper
62 100
98 5.6 5.1 7.7

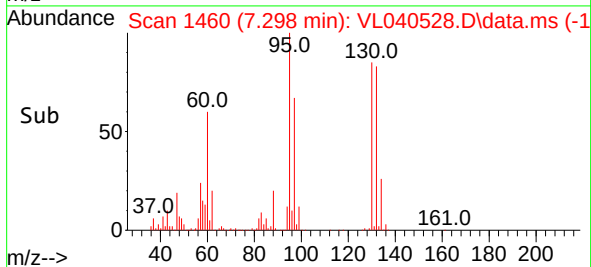
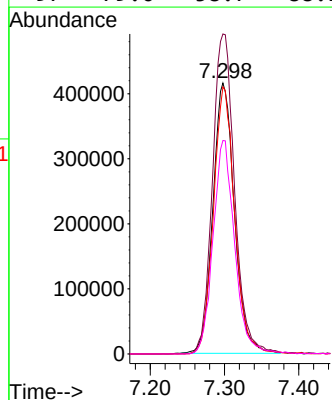
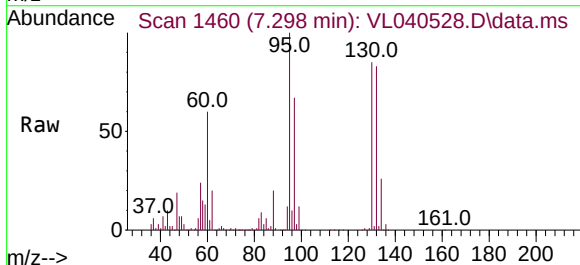
Manual Integrations
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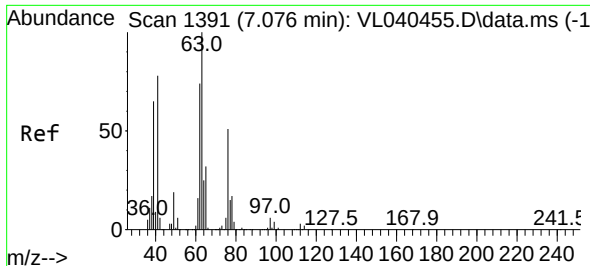
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Trichloroethene
Concen: 10.693 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion:130 Resp: 835394
Ion Ratio Lower Upper
130 100
95 118.4 90.2 135.2
132 98.8 76.3 114.5
97 79.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 10.113 ppbv

RT: 7.079 min Scan# 1391

Delta R.T. -0.003 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 804090

Ion Ratio Lower Upper

63 100

41 73.8 54.3 81.5

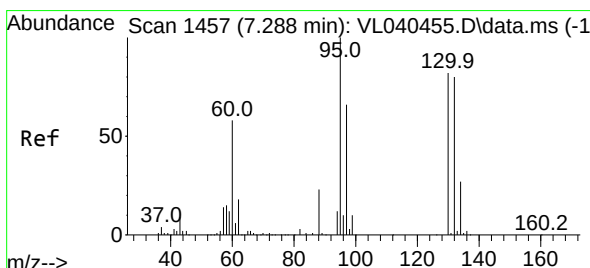
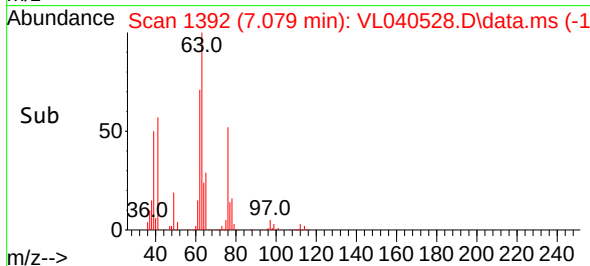
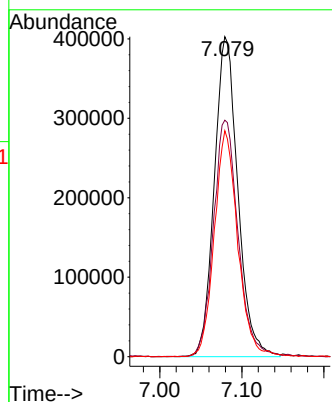
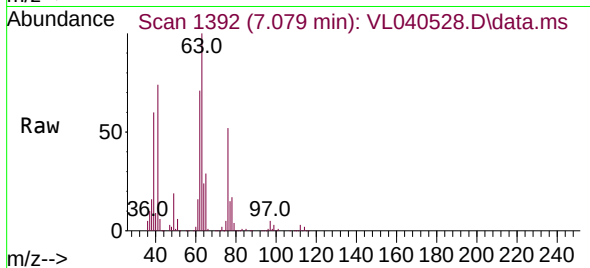
62 70.6 55.6 83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

1,4-Dioxane

Concen: 8.967 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Tgt Ion: 88 Resp: 223013

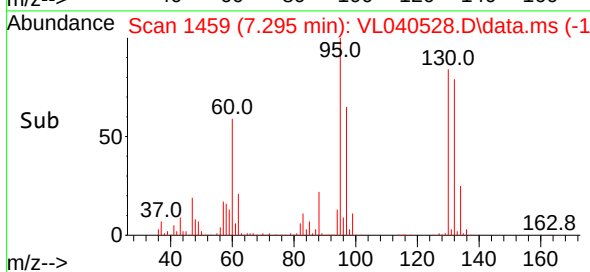
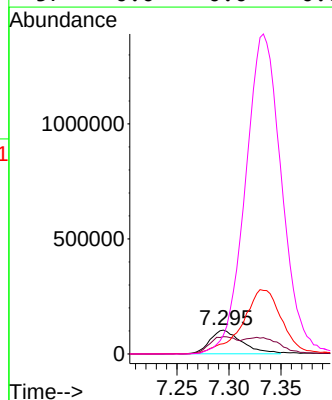
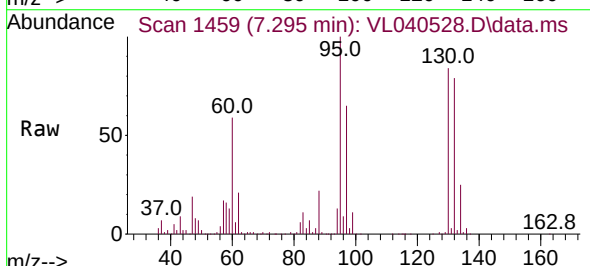
Ion Ratio Lower Upper

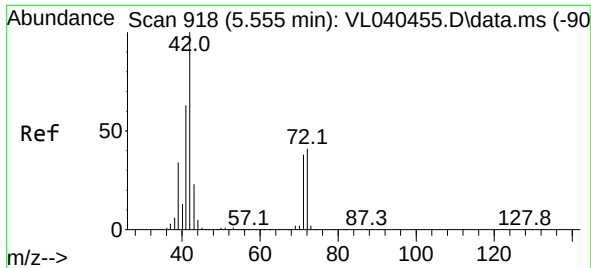
88 100

58 63.4 58.6 88.0

43 0.0 0.0 0.0

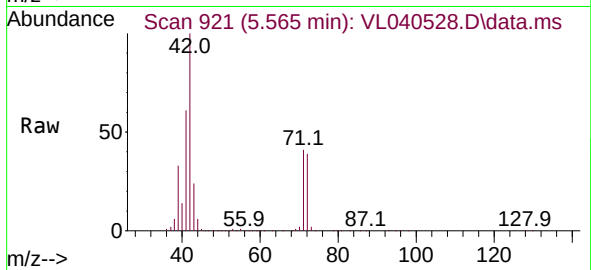
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.317 ppbv
RT: 5.565 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

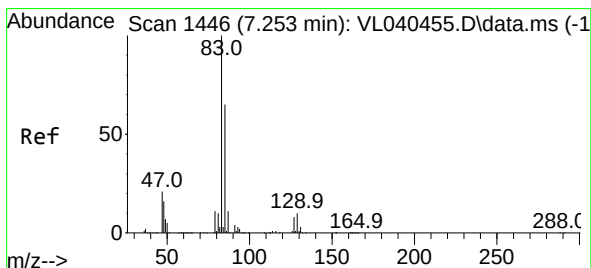
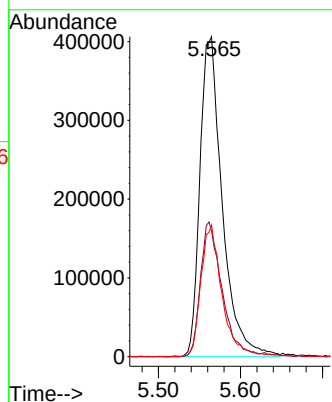
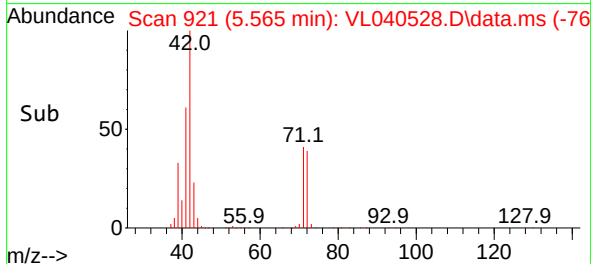
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



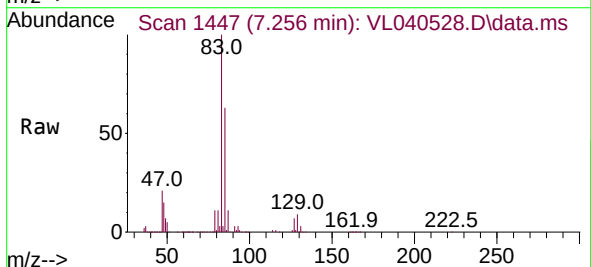
Tgt Ion: 42 Resp: 76365
Ion Ratio Lower Upper
42 100
72 41.4 33.8 50.8
71 39.6 33.0 49.6

Manual Integrations
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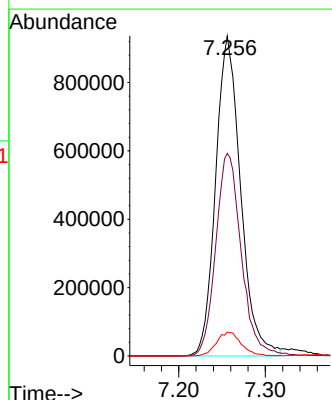
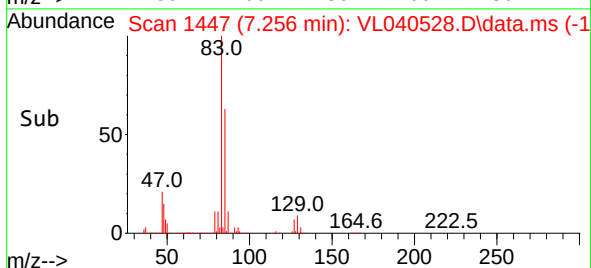
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

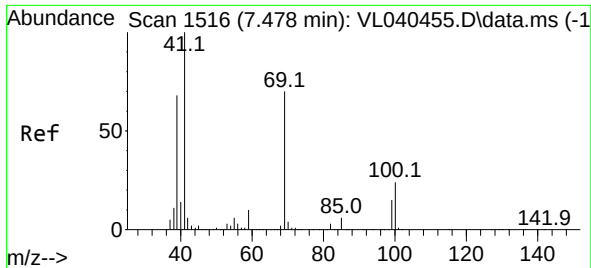


#42
Bromodichloromethane
Concen: 11.116 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion: 83 Resp: 1878517
Ion Ratio Lower Upper
83 100
85 63.3 51.1 76.7
127 7.4 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.205 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

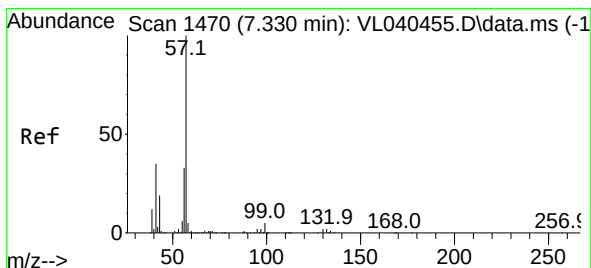
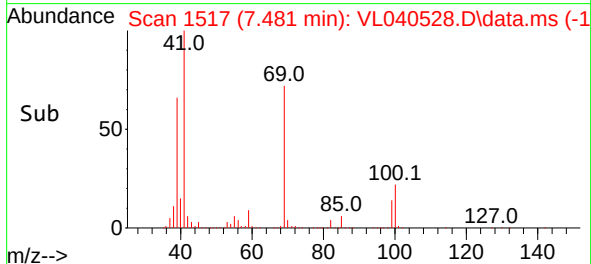
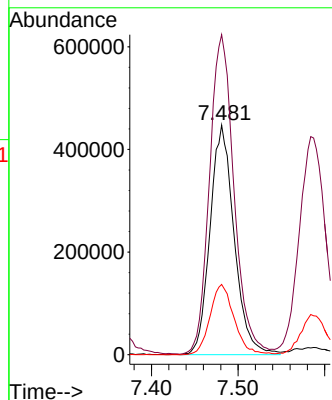
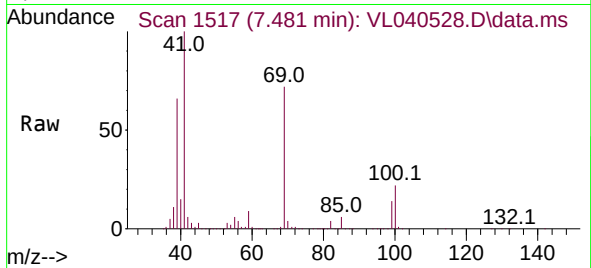
VSTDCCC010

Tgt Ion: 69 Resp: 86627
Ion Ratio Lower Upper
69 100
41 141.5 111.7 167.5
100 30.7 26.9 40.3

Manual Integrations

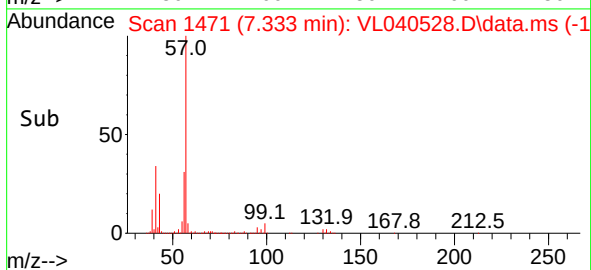
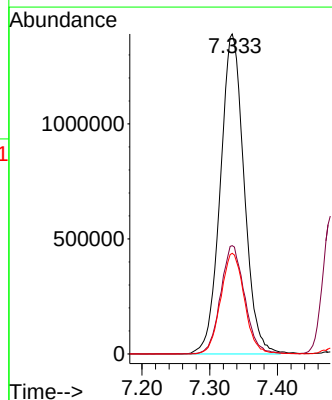
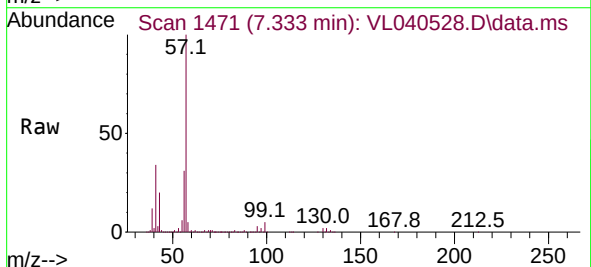
APPROVED

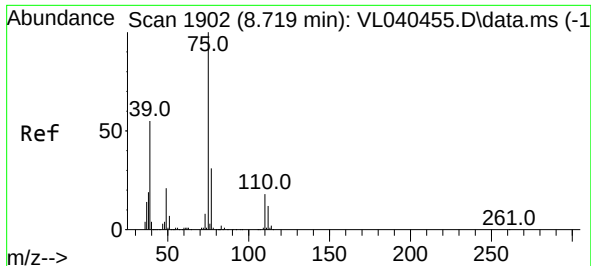
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
2,2,4-Trimethylpentane
Concen: 10.195 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

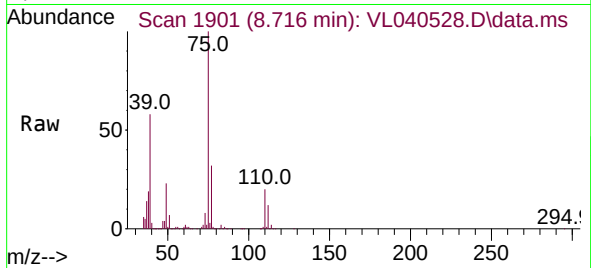
Tgt Ion: 57 Resp: 3388132
Ion Ratio Lower Upper
57 100
41 34.3 25.5 38.3
56 31.4 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 12.319 ppbv
RT: 8.716 min Scan# 1902
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

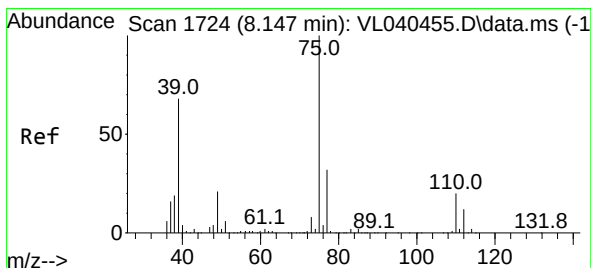
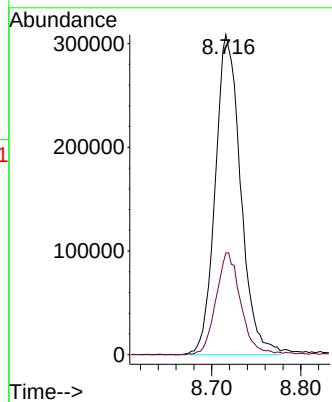
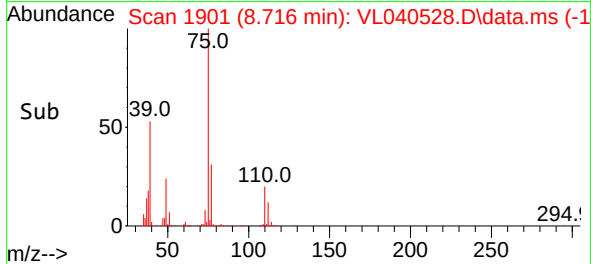
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



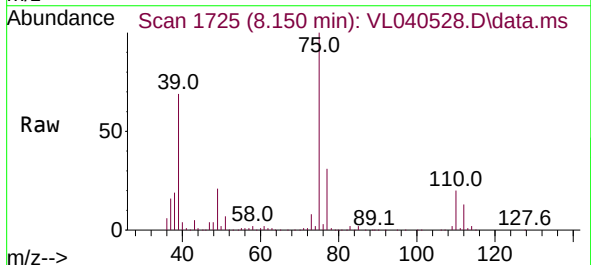
Tgt Ion: 75 Resp: 61094
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0

Manual Integrations
APPROVED

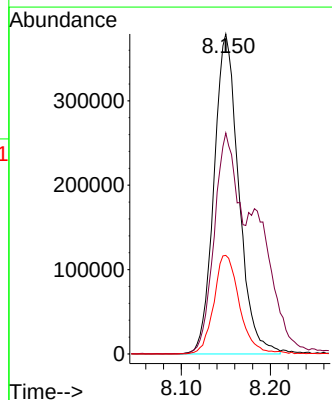
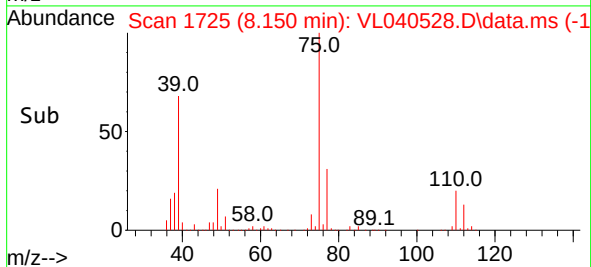
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

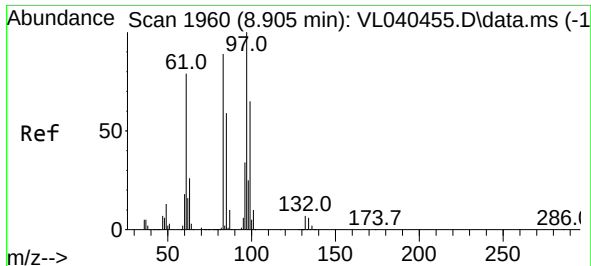


#46
cis-1,3-Dichloropropene
Concen: 11.514 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion: 75 Resp: 732647
Ion Ratio Lower Upper
75 100
39 68.9 48.0 72.0
77 30.7 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.145 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. -0.003 min

Lab File: VL040528.D

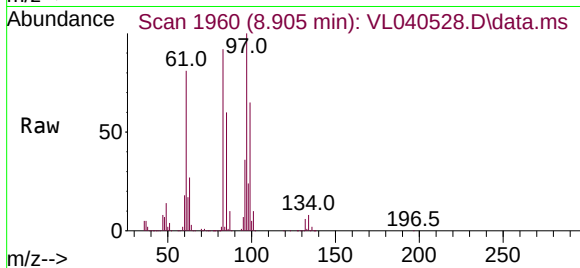
Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 889990

Ion Ratio Lower Upper

97 100

83 92.4 73.4 110.0

85 59.8 46.6 70.0

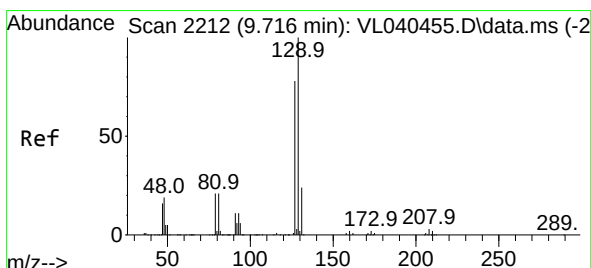
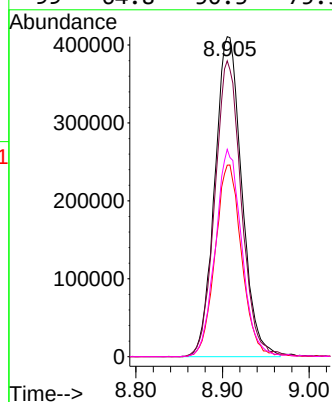
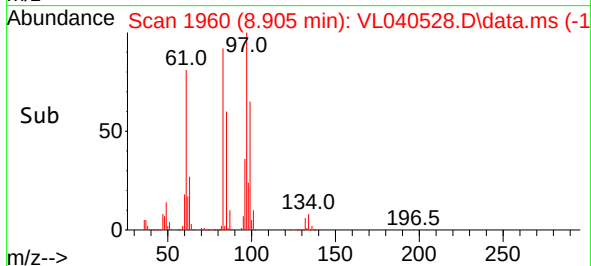
99 64.8 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Dibromochloromethane

Concen: 11.425 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.007 min

Lab File: VL040528.D

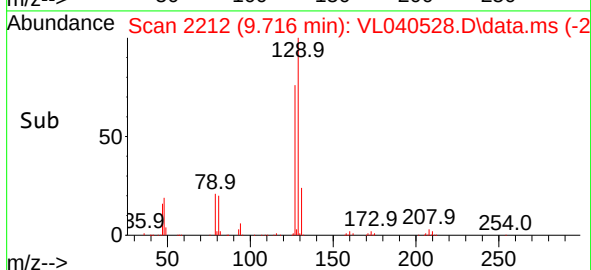
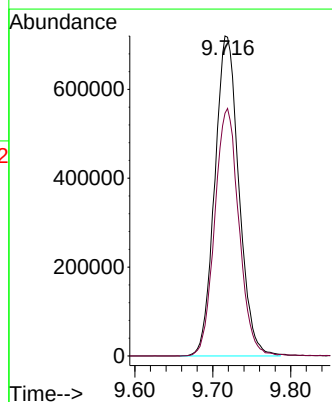
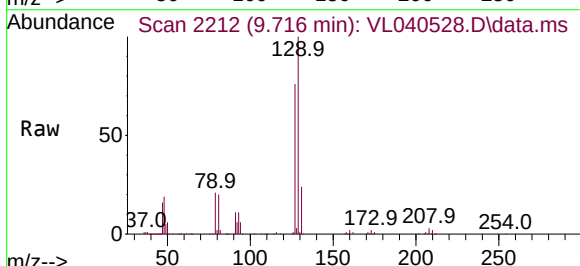
Acq: 14 Jul 2023 15:09

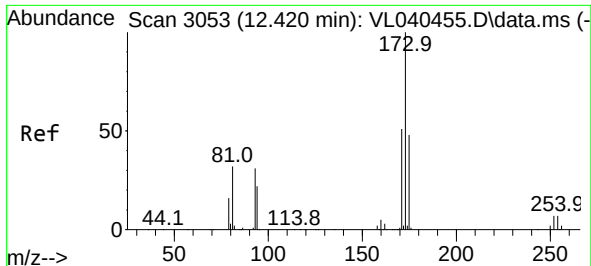
Tgt Ion:129 Resp: 1549702

Ion Ratio Lower Upper

129 100

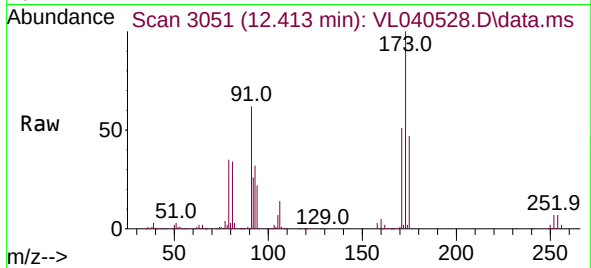
127 77.8 39.1 117.3





#49
Bromoform
Concen: 11.873 ppbv
RT: 12.413 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

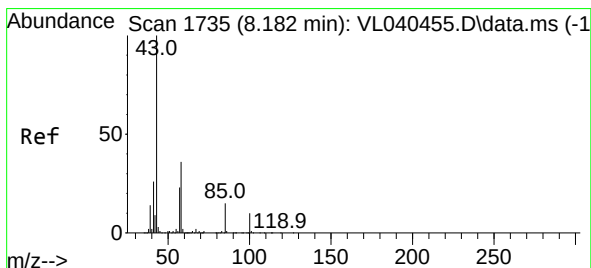
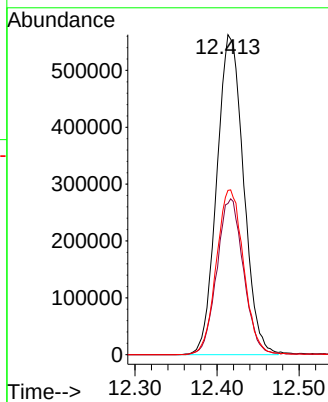
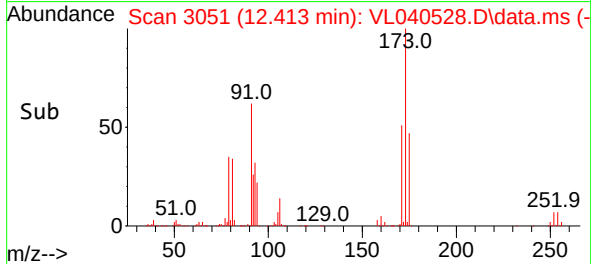
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1276670
Ion Ratio Lower Upper
173 100
175 48.9 39.5 59.3
171 52.6 42.2 63.4

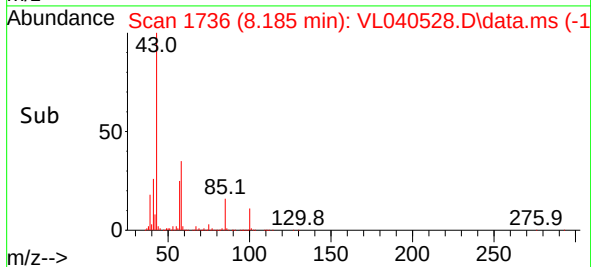
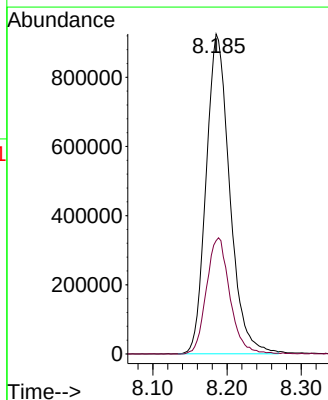
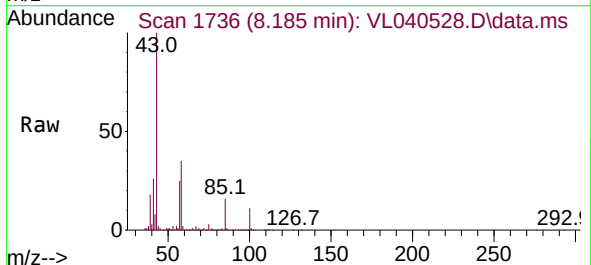
Manual Integrations
APPROVED

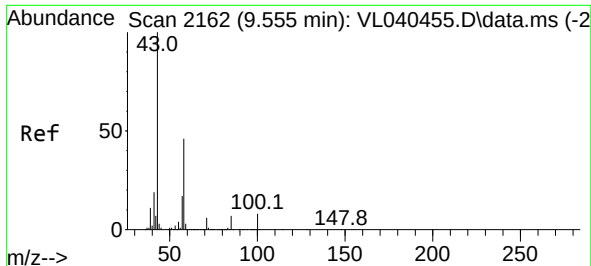
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#50
4-Methyl-2-Pentanone
Concen: 11.074 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 43 Resp: 2041012
Ion Ratio Lower Upper
43 100
58 36.2 30.2 45.2





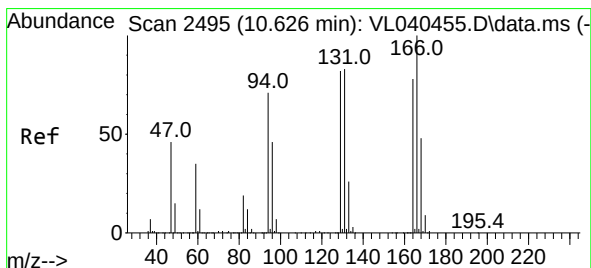
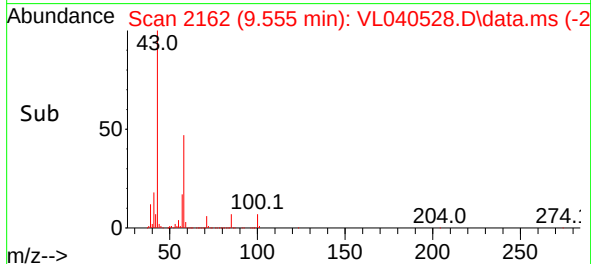
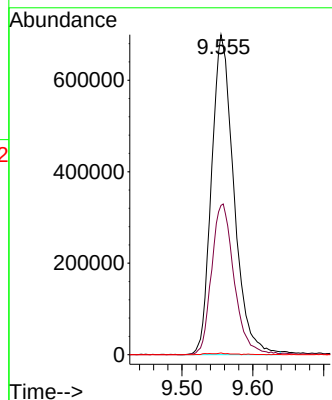
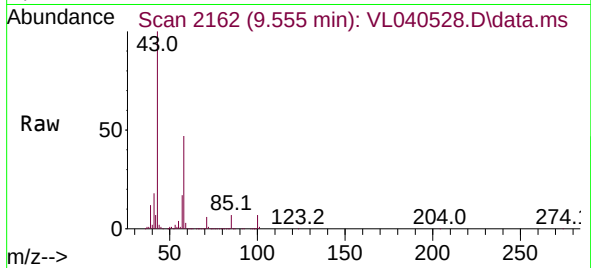
#51
2-Hexanone
Concen: 11.746 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1530840
Ion Ratio Lower Upper
43 100
58 47.9 39.7 59.5
98 0.5 0.3 0.5

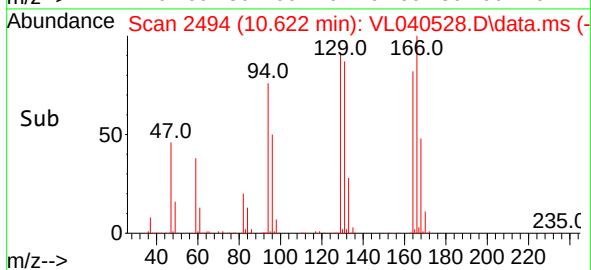
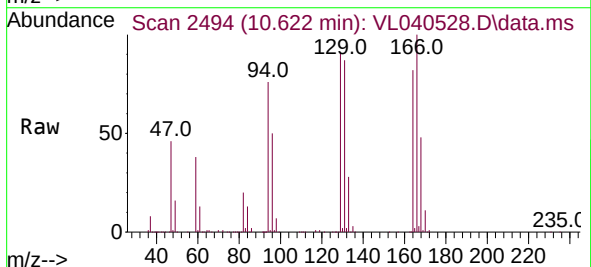
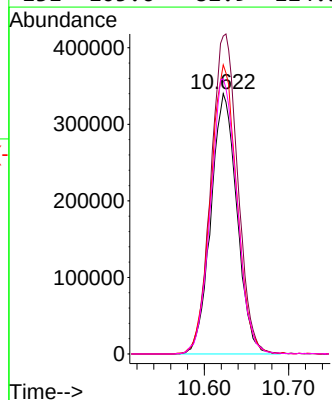
Manual Integrations
APPROVED

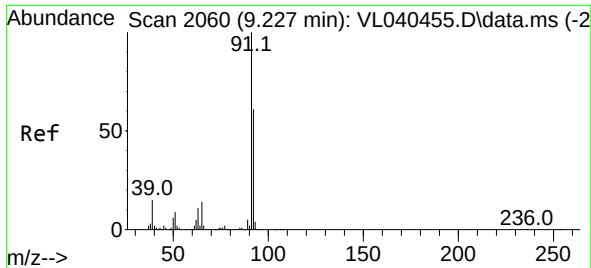
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Tetrachloroethene
Concen: 10.863 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion:164 Resp: 726590
Ion Ratio Lower Upper
164 100
166 121.9 103.9 155.9
129 110.7 84.6 126.8
131 105.6 82.9 124.3





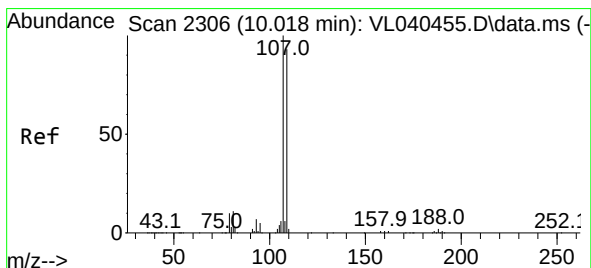
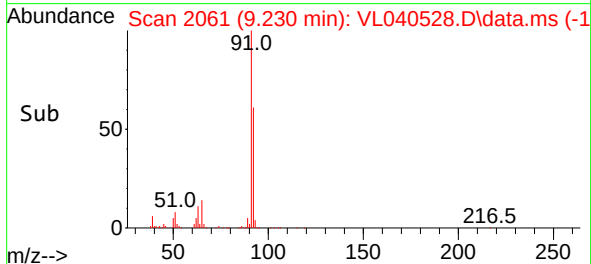
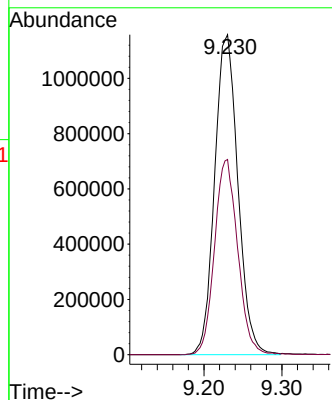
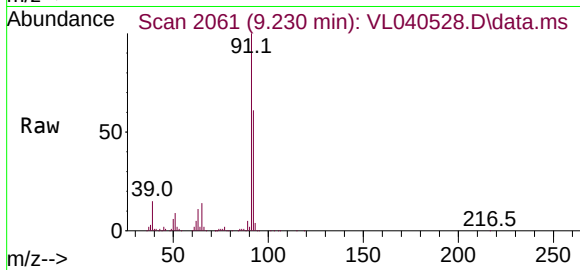
#53
Toluene
Concen: 10.718 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 240472
Ion Ratio Lower Upper
91 100
92 60.9 49.1 73.7

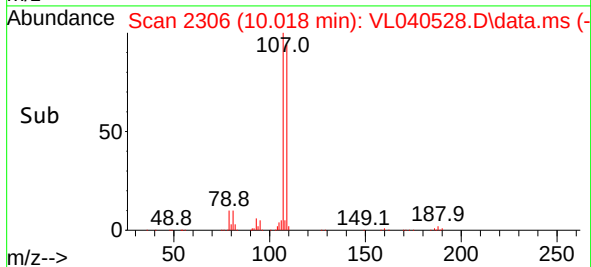
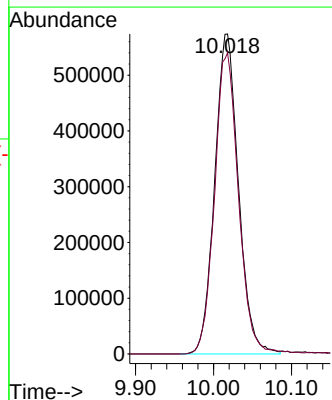
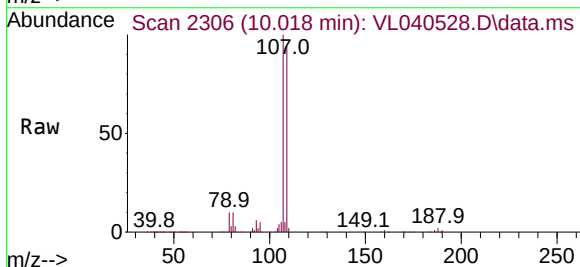
Manual Integrations
APPROVED

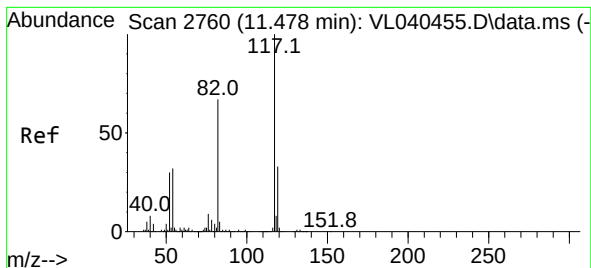
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
1,2-Dibromoethane
Concen: 11.139 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

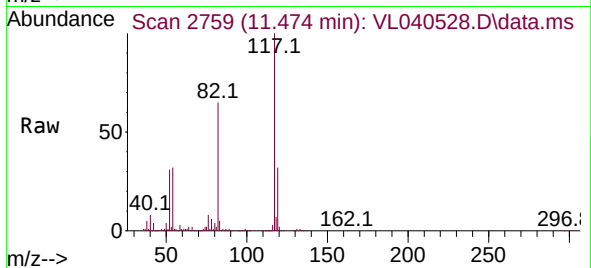
Tgt Ion:107 Resp: 1214646
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.474 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

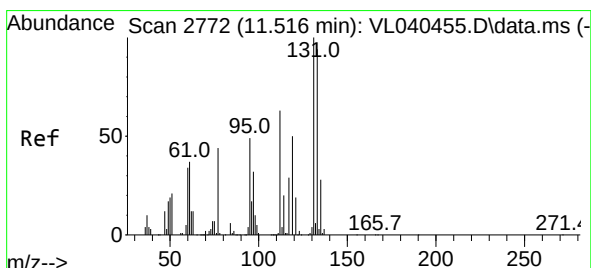
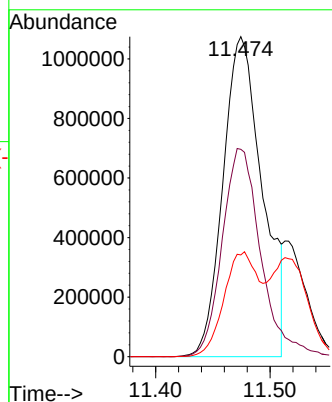
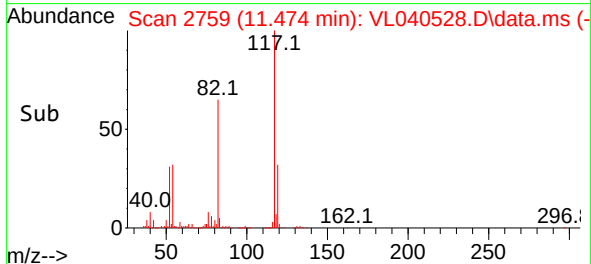
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



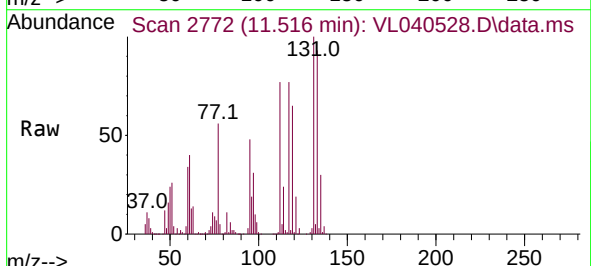
Tgt Ion:117 Resp: 257522
Ion Ratio Lower Upper
117 100
82 63.9 50.2 75.4
119 30.5 26.9 40.3

Manual Integrations
APPROVED

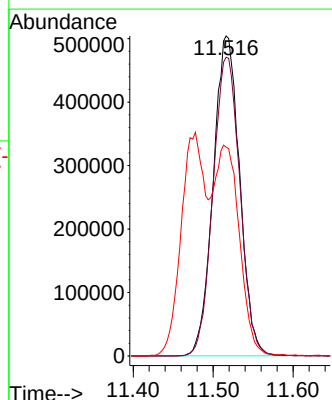
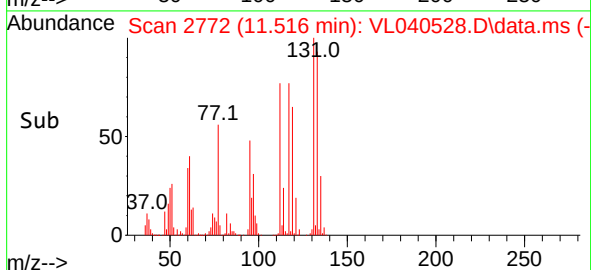
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

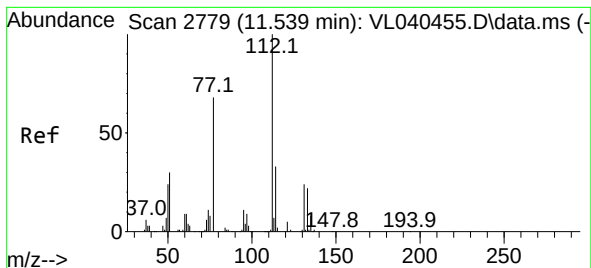


#56
1,1,1,2-Tetrachloroethane
Concen: 10.007 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion:131 Resp: 1154160
Ion Ratio Lower Upper
131 100
133 95.5 76.3 114.5
119 70.3 51.1 76.7





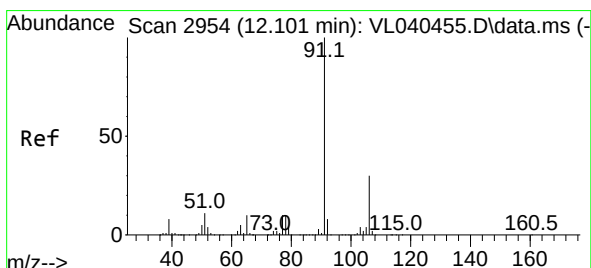
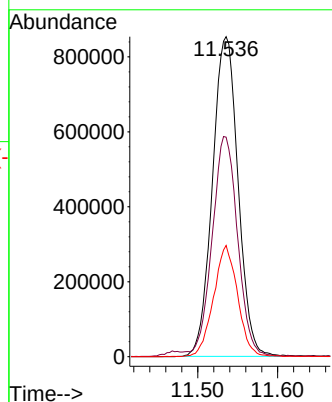
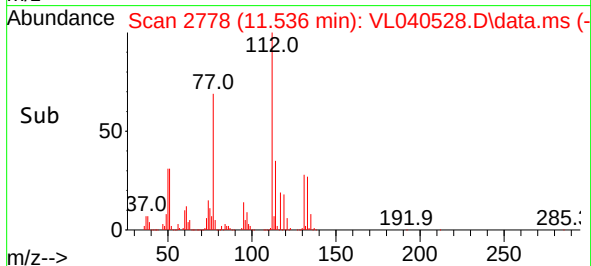
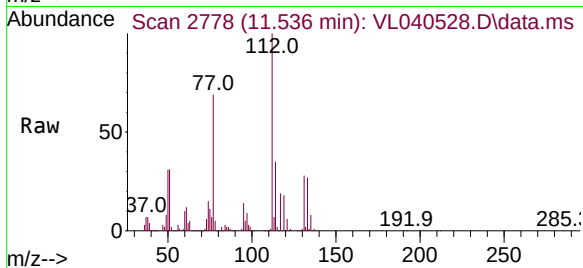
#57
Chlorobenzene
Concen: 9.449 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 189758
Ion Ratio Lower Upper
112 100
77 68.4 51.0 76.6
114 34.7 28.3 34.5

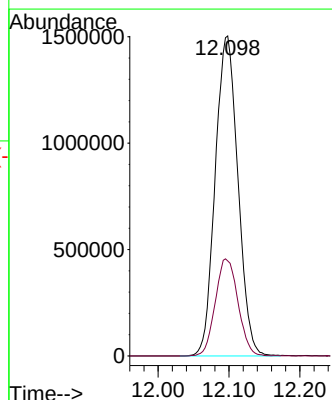
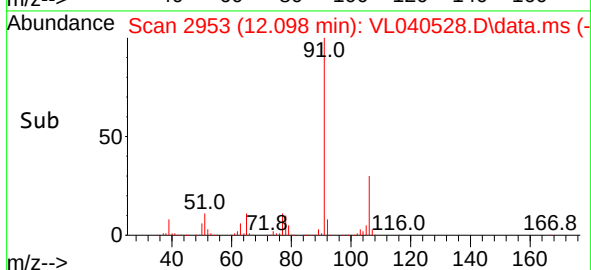
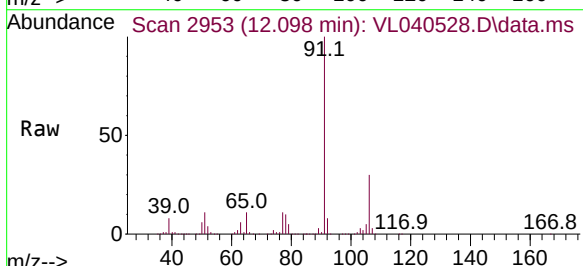
Manual Integrations
APPROVED

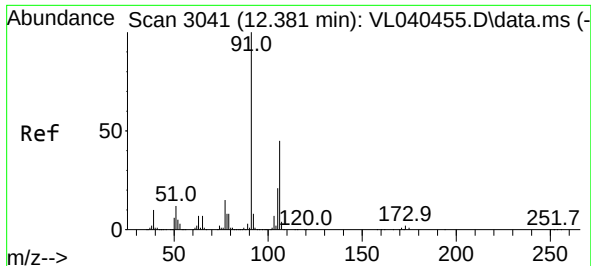
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#58
Ethyl Benzene
Concen: 10.346 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 91 Resp: 3343554
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.0





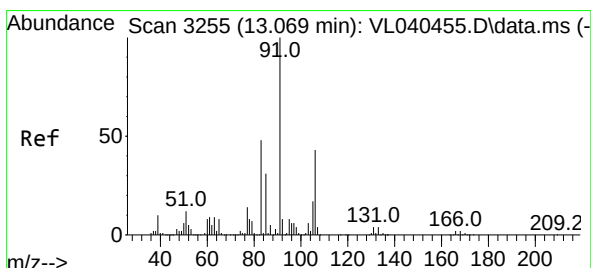
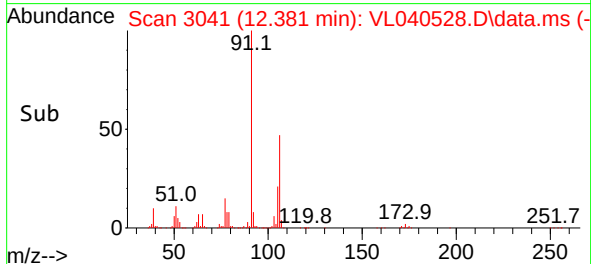
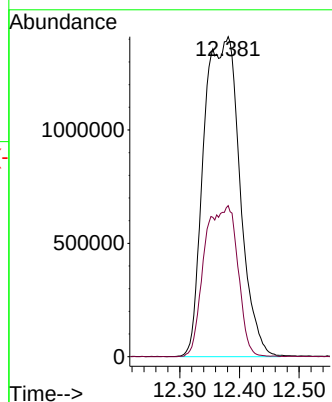
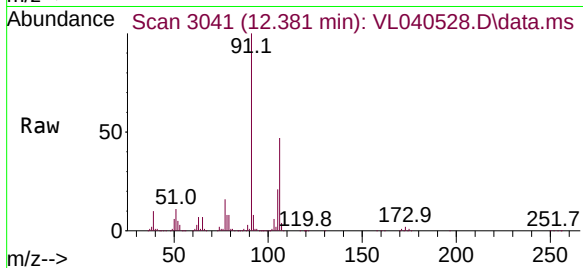
#59
m/p-Xylene
Concen: 20.414 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 588822
Ion Ratio Lower Upper
91 100
106 43.7 35.9 53.9

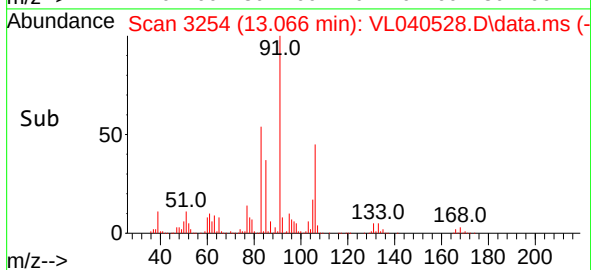
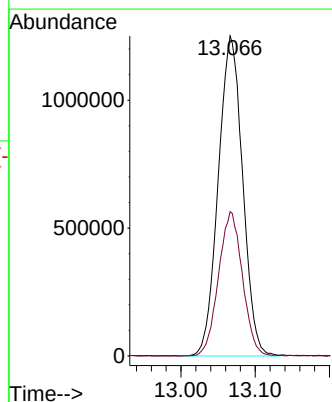
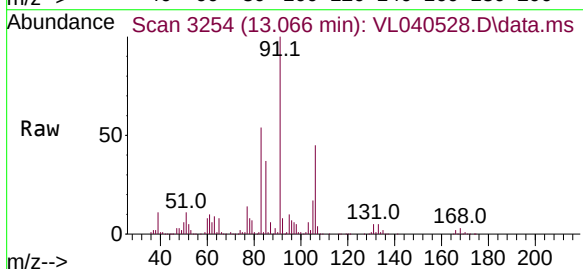
Manual Integrations
APPROVED

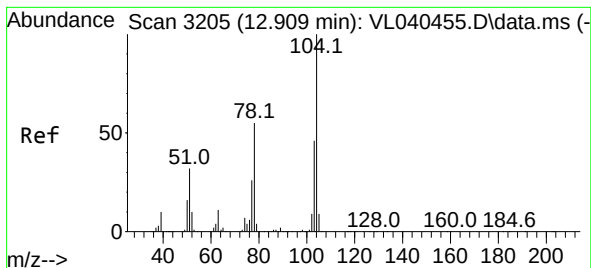
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
o-Xylene
Concen: 10.365 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion: 91 Resp: 2848093
Ion Ratio Lower Upper
91 100
106 44.5 22.7 68.0





#61

Styrene

Concen: 11.172 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

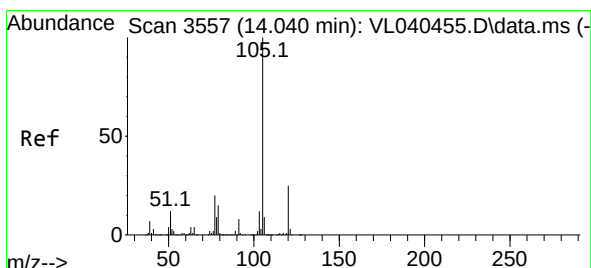
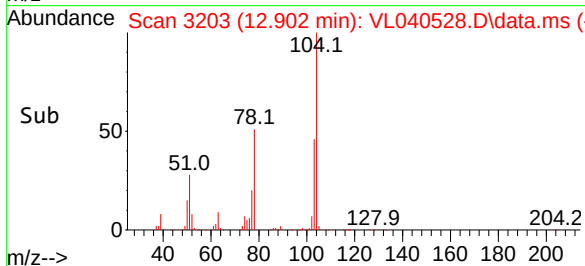
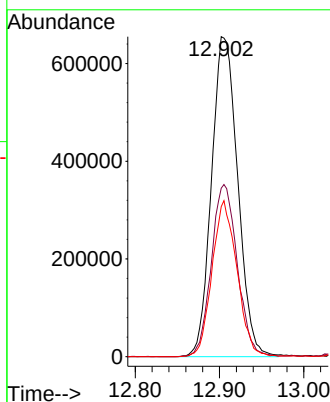
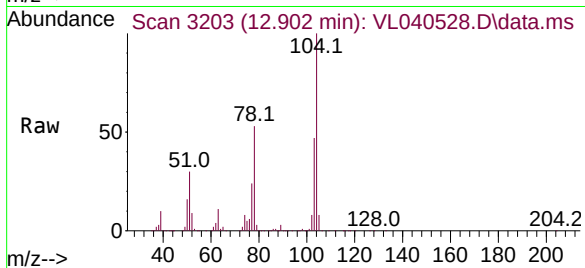
Tgt Ion:104 Resp: 141599

Ion	Ratio	Lower	Upper
104	100		
78	53.4	40.1	60.1
103	46.5	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62

Isopropylbenzene

Concen: 10.044 ppbv

RT: 14.037 min Scan# 3556

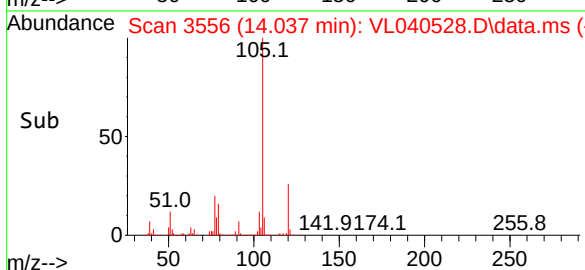
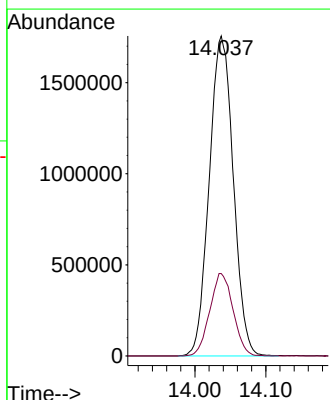
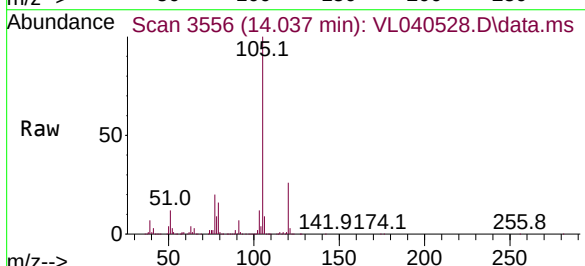
Delta R.T. -0.003 min

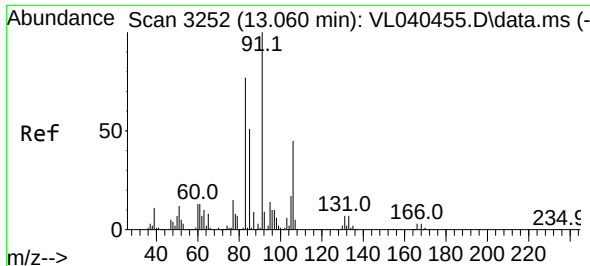
Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Tgt Ion:105 Resp: 4136774

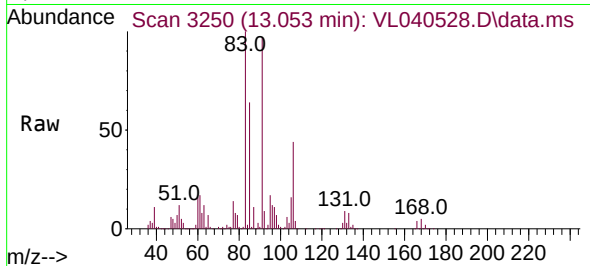
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.8	31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.479 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

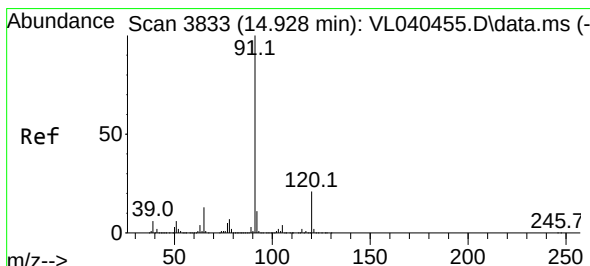
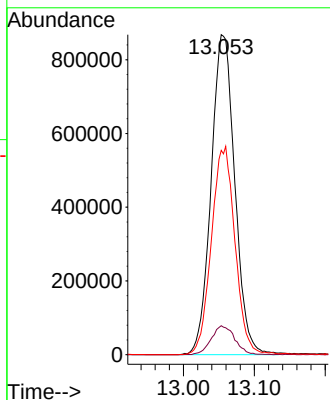
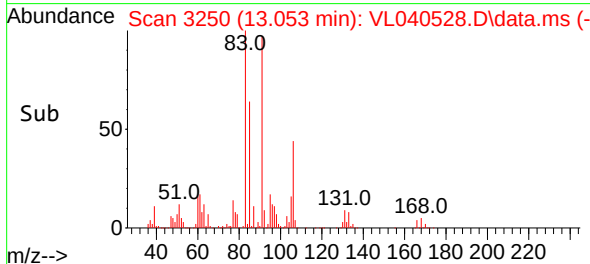
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 201656
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.1 32.8 98.3

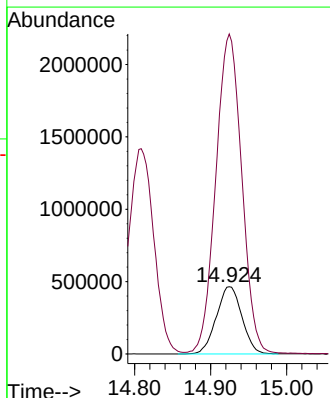
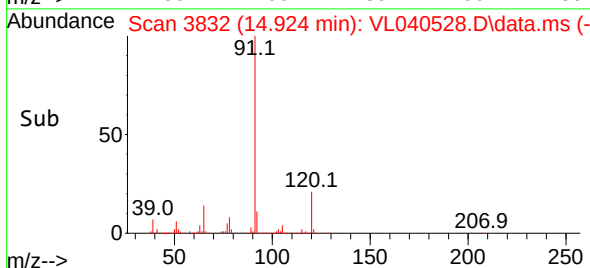
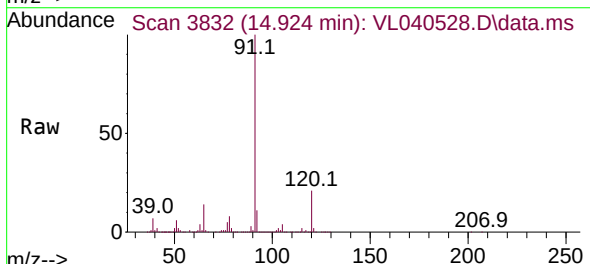
Manual Integrations
APPROVED

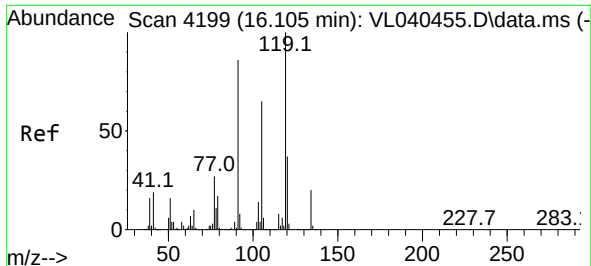
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
n-propylbenzene
Concen: 10.196 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion:120 Resp: 1086414
Ion Ratio Lower Upper
120 100
91 484.5 374.3 561.5





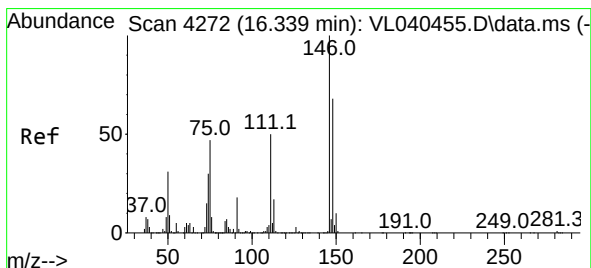
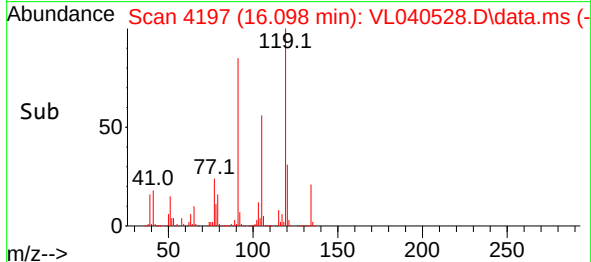
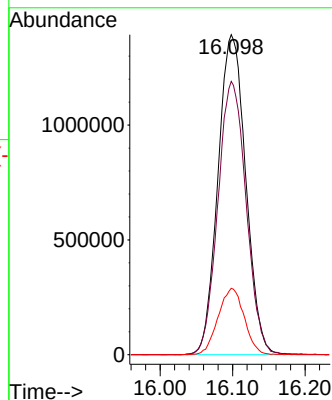
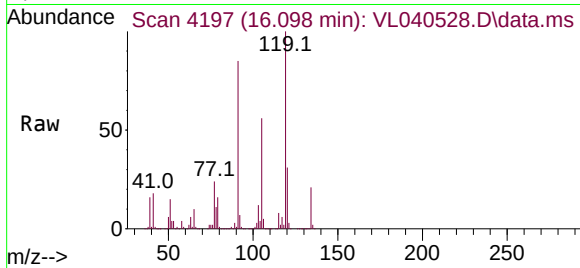
#65
tert-Butylbenzene
Concen: 10.170 ppbv
RT: 16.098 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 370803
Ion Ratio Lower Upper
119 100
91 86.8 66.1 99.1
134 19.5 15.7 23.5

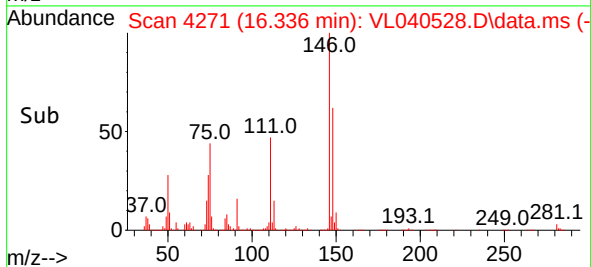
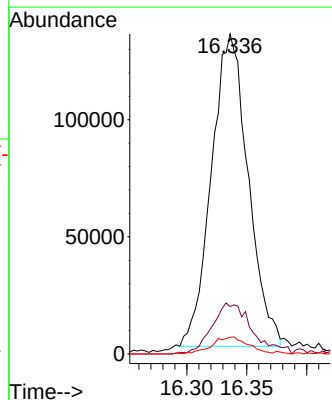
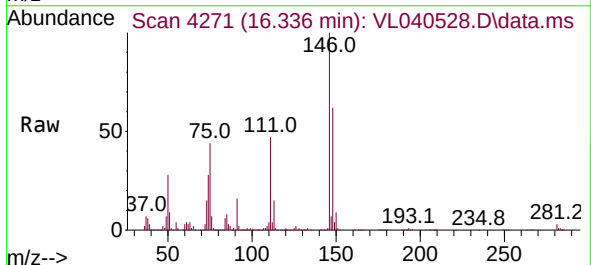
Manual Integrations
APPROVED

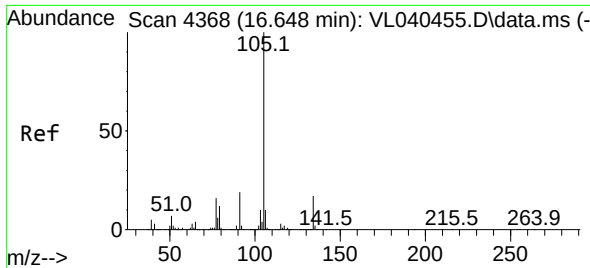
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
Benzyl Chloride
Concen: 10.984 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

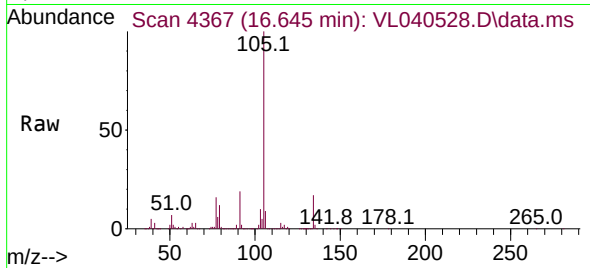
Tgt Ion: 91 Resp: 283303
Ion Ratio Lower Upper
91 100
126 18.6 15.4 23.2
128 5.8 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.091 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09

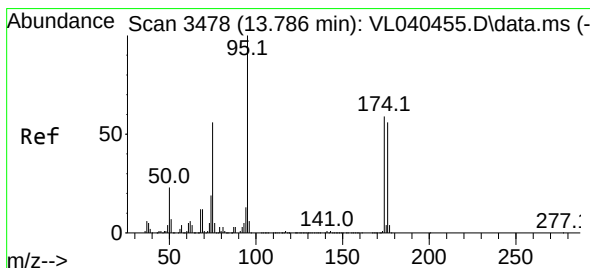
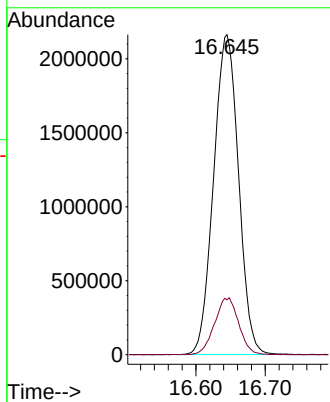
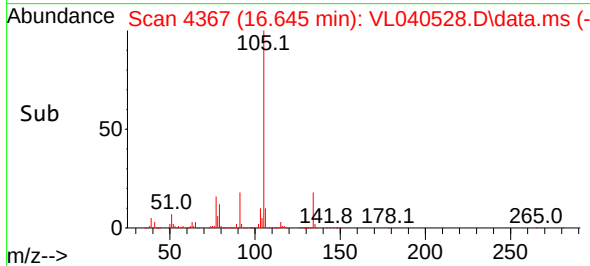
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



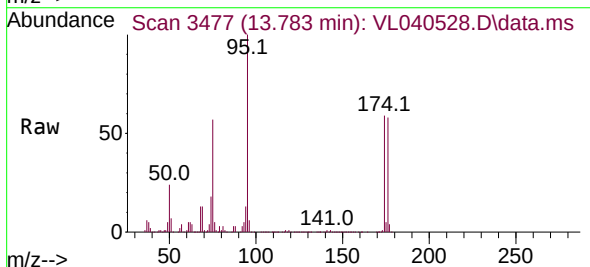
Tgt Ion:105 Resp: 540589
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.4 21.6

Manual Integrations
 APPROVED

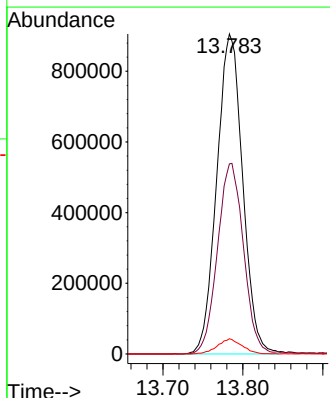
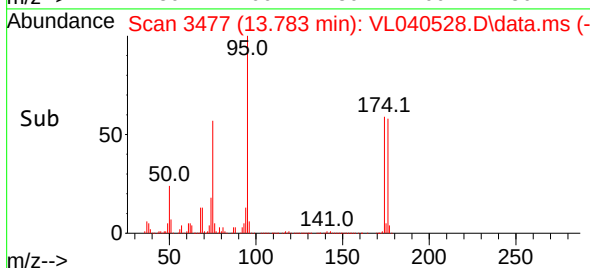
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

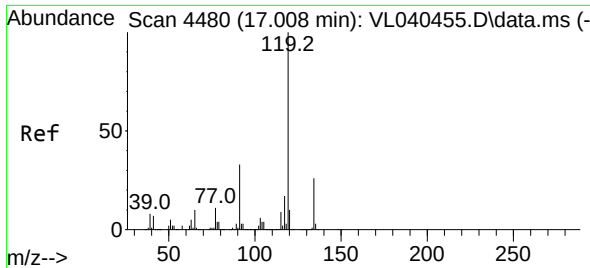


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.986 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: VL040528.D
 Acq: 14 Jul 2023 15:09



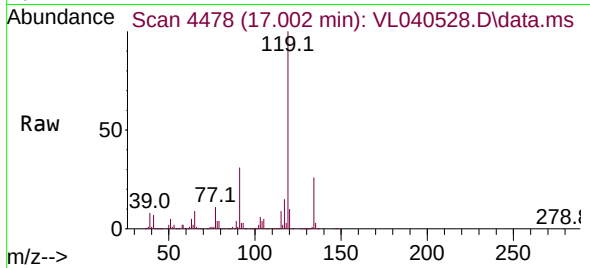
Tgt Ion: 95 Resp: 2035345
 Ion Ratio Lower Upper
 95 100
 174 60.4 50.6 75.8
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.150 ppbv
RT: 17.002 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

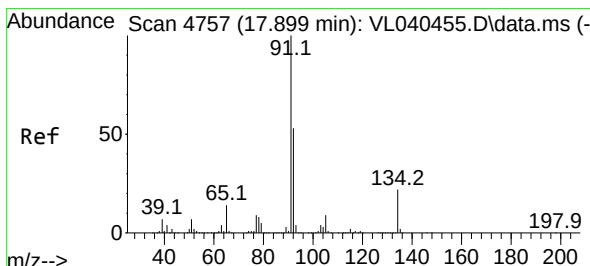
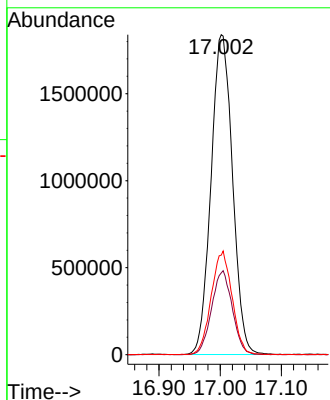
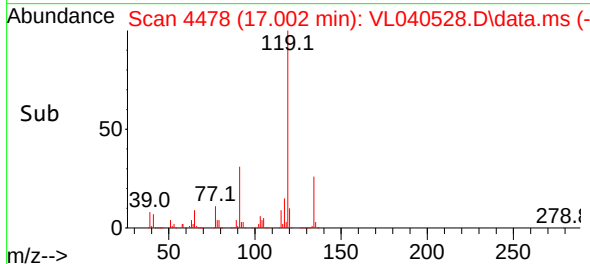
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



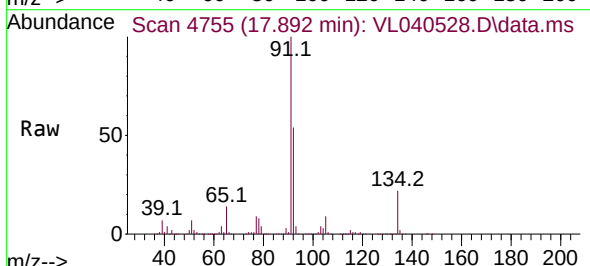
Tgt Ion:119 Resp: 4493460
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 31.4 23.8 35.8

Manual Integrations
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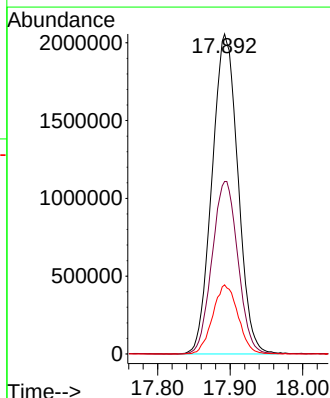
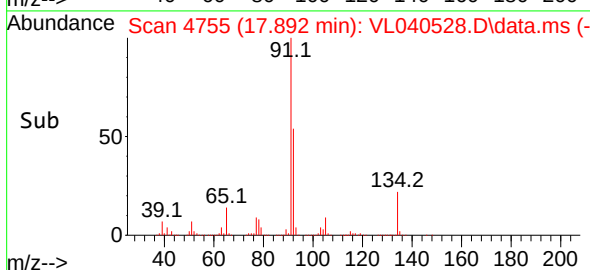
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

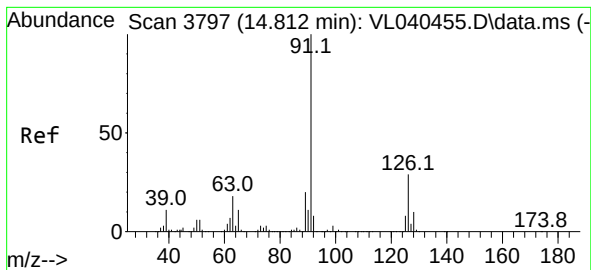


#70
n-Butylbenzene
Concen: 10.319 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion: 91 Resp: 5094395
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.0
134 21.2 18.1 27.1





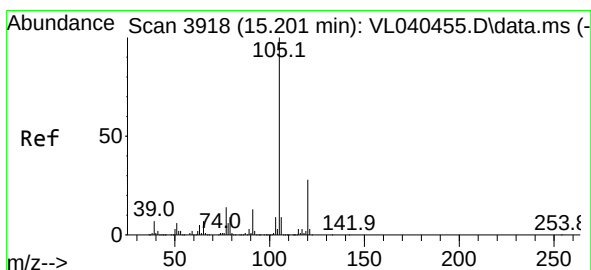
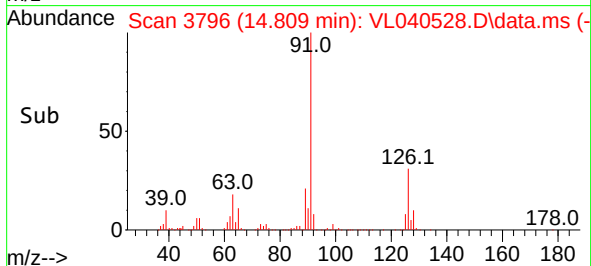
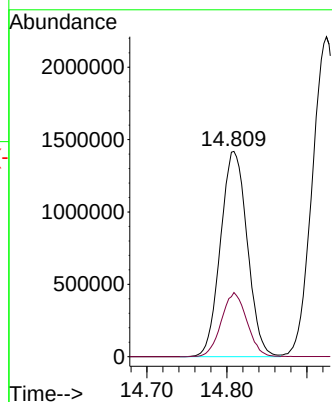
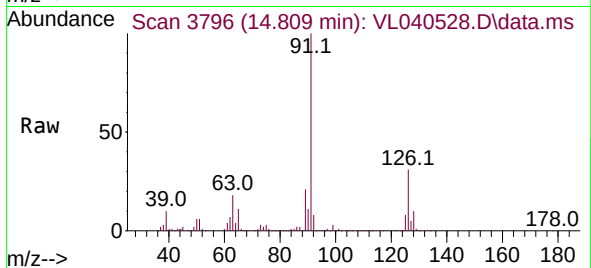
#71
2-Chlorotoluene
Concen: 10.400 ppbv
RT: 14.809 min Scan# 3796
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3300978
Ion Ratio Lower Upper
91 100
126 29.9 12.4 49.8

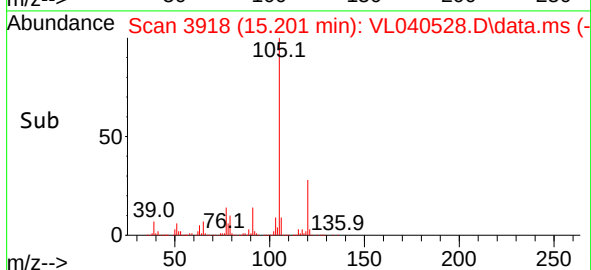
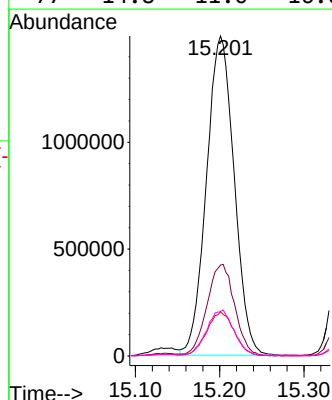
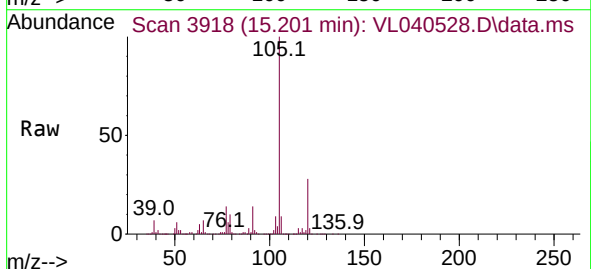
Manual Integrations
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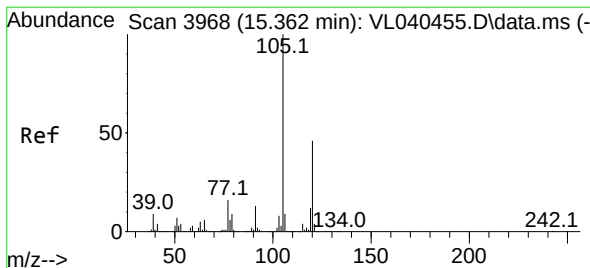
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
4-Ethyltoluene
Concen: 10.605 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Tgt Ion:105 Resp: 3415970
Ion Ratio Lower Upper
105 100
120 29.5 24.6 37.0
91 13.8 10.7 16.1
77 14.8 11.0 16.6





#73

1,3,5-Trimethylbenzene

Concen: 10.484 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.003 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2976598

Ion Ratio Lower Upper

105 100

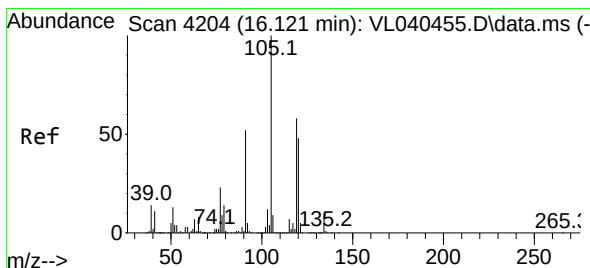
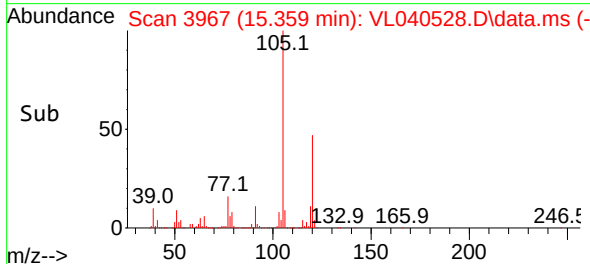
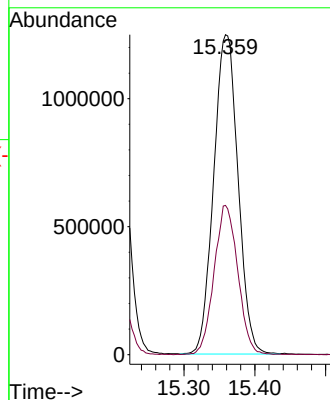
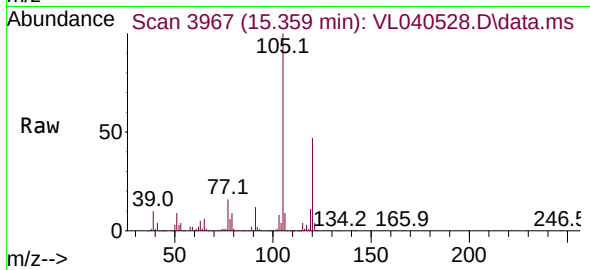
120 46.7 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.285 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.003 min

Lab File: VL040528.D

Acq: 14 Jul 2023 15:09

Tgt Ion:105 Resp: 3404485

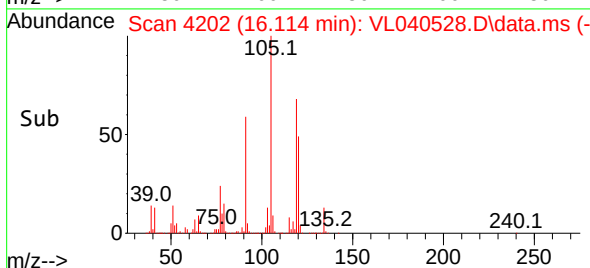
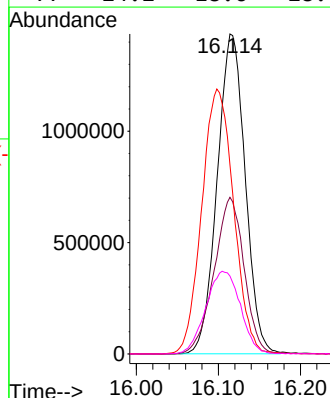
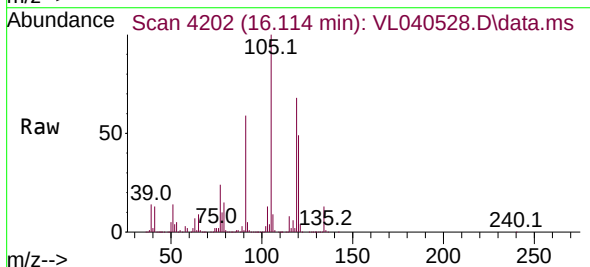
Ion Ratio Lower Upper

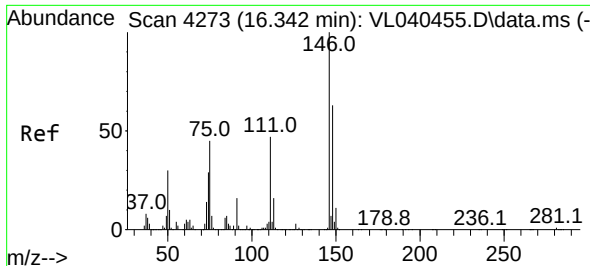
105 100

120 48.6 40.3 60.5

91 58.9 46.8 70.2

77 24.2 18.6 28.0





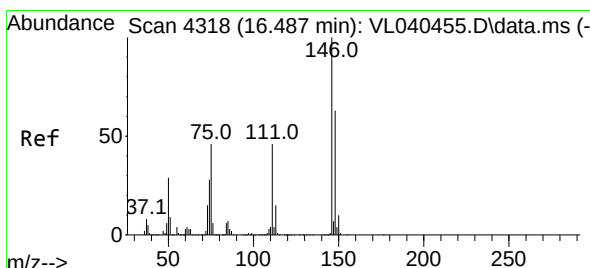
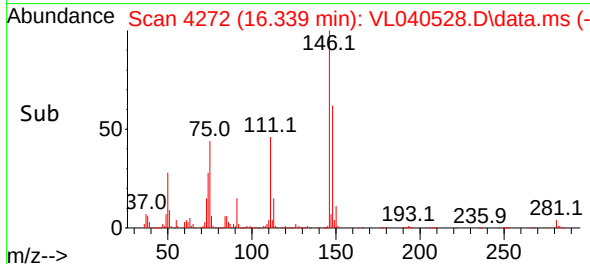
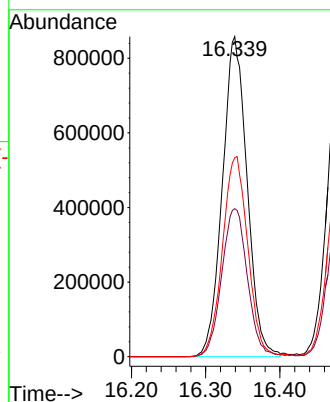
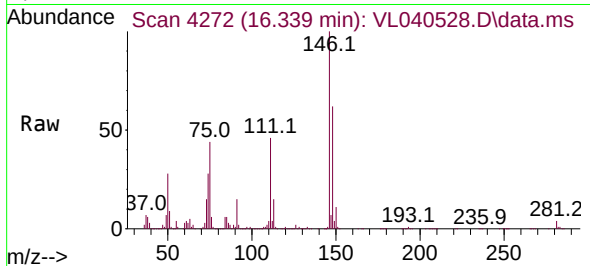
#75
1,3-Dichlorobenzene
Concen: 9.885 ppbv
RT: 16.339 min Scan# 4316
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 198398
Ion Ratio Lower Upper
146 100
111 48.1 23.6 71.0
148 64.3 32.2 96.6

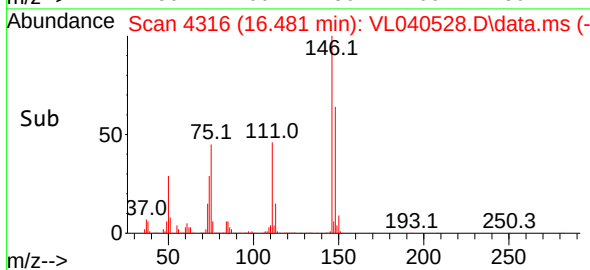
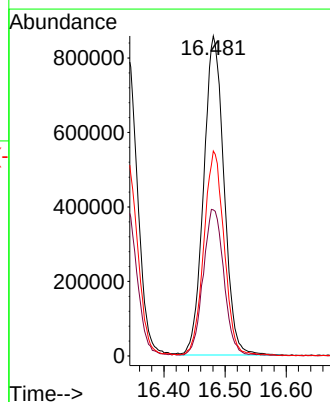
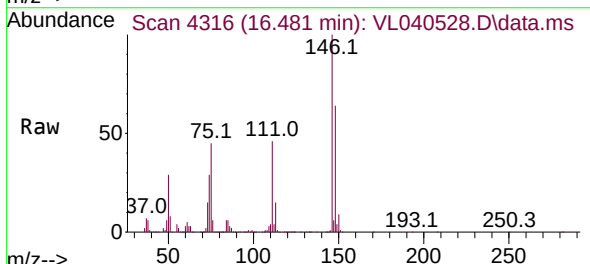
Manual Integrations
APPROVED

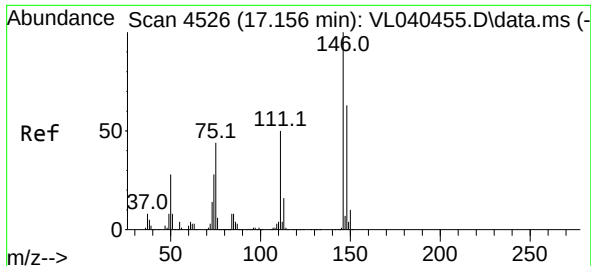
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,4-Dichlorobenzene
Concen: 10.050 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

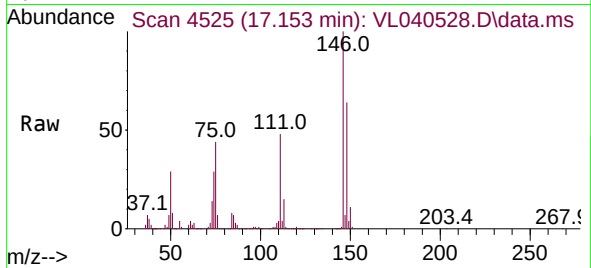
Tgt Ion:146 Resp: 1977860
Ion Ratio Lower Upper
146 100
111 47.4 22.8 68.3
148 64.0 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 9.958 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. -0.000 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

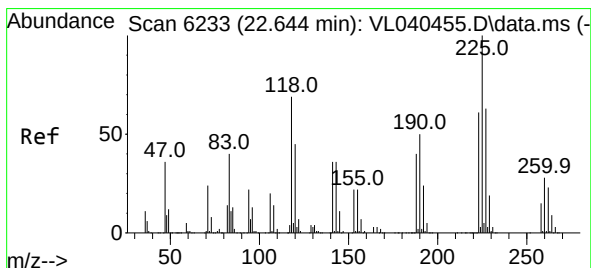
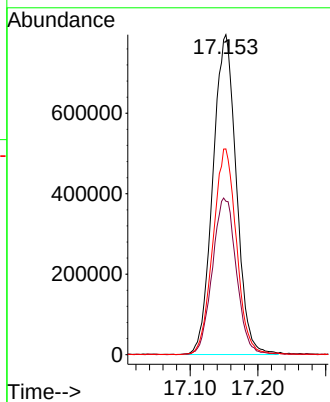
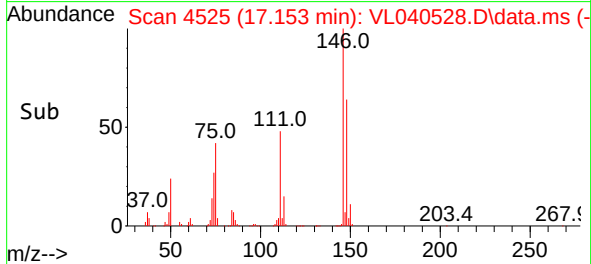
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1910978
Ion Ratio Lower Upper
146 100
111 50.2 24.3 72.8
148 64.3 32.1 96.3

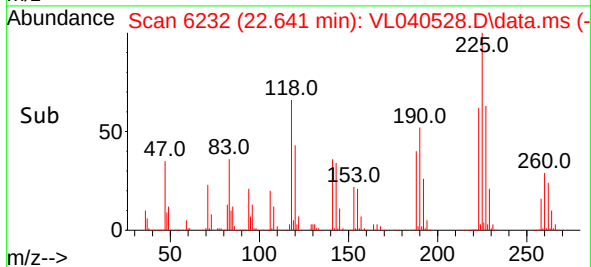
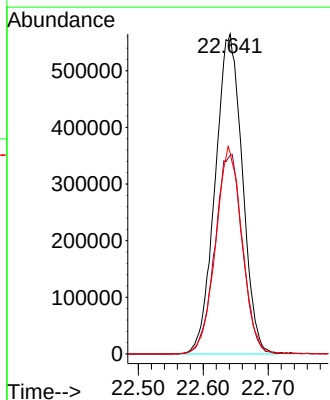
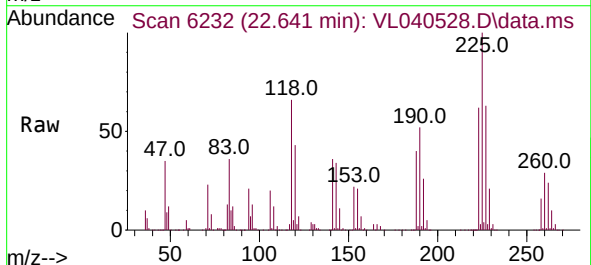
Manual Integrations
APPROVED

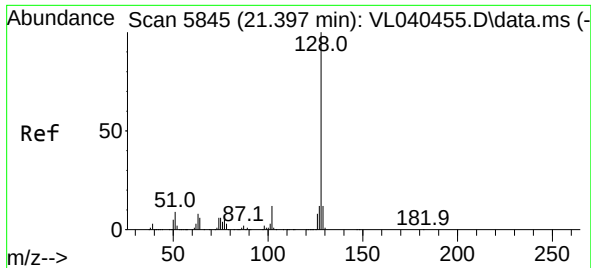
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.102 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.007 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

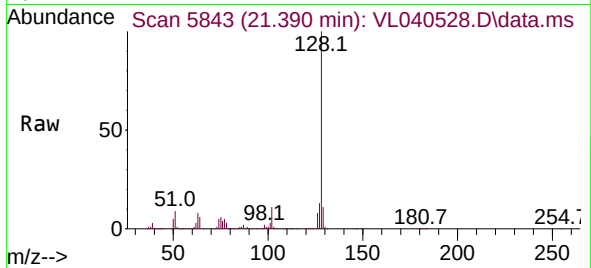
Tgt Ion:225 Resp: 1640374
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 63.1 51.0 76.6





#79
Naphthalene
Concen: 12.229 ppbv
RT: 21.390 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09

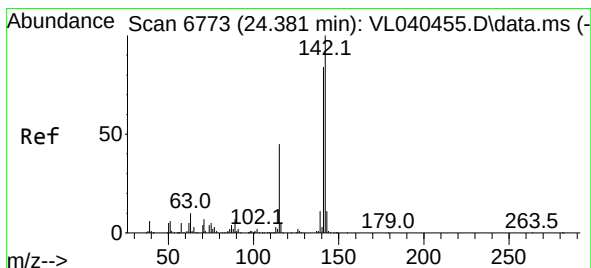
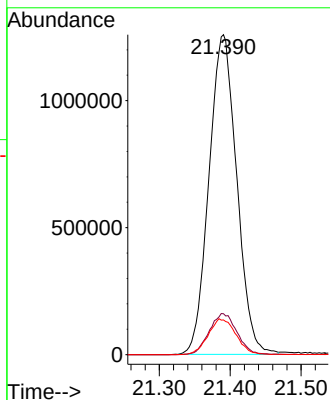
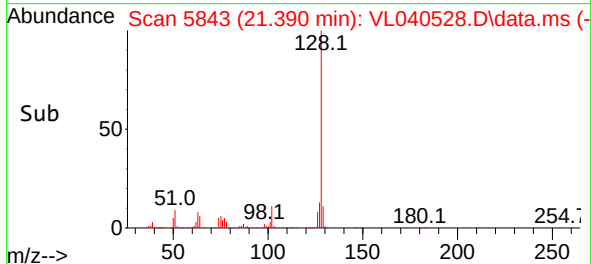
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



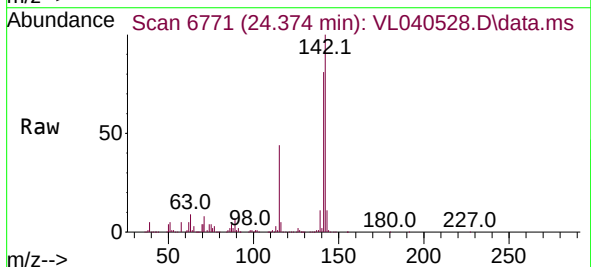
Tgt Ion:128 Resp: 342506
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.8 9.2 13.8

Manual Integrations
APPROVED

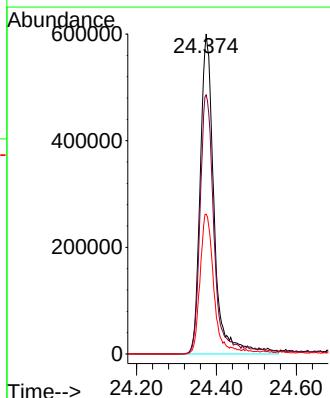
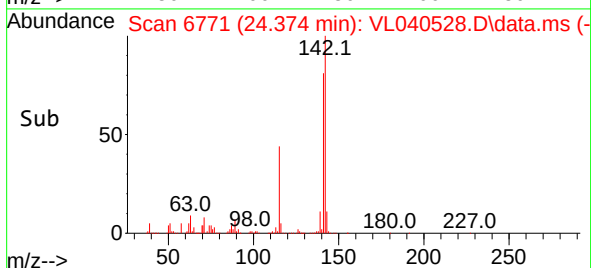
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

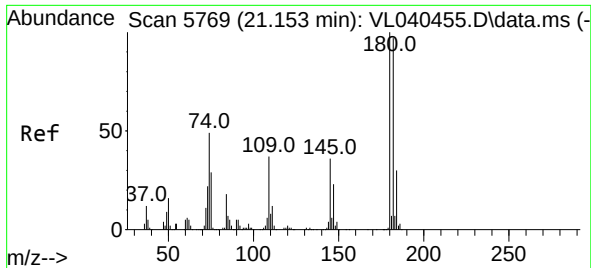


#80
Naphthalene,2-methyl-
Concen: 12.573 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.003 min
Lab File: VL040528.D
Acq: 14 Jul 2023 15:09



Tgt Ion:142 Resp: 1452032
Ion Ratio Lower Upper
142 100
141 82.4 66.7 100.1
115 45.0 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 10.501 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040528.D

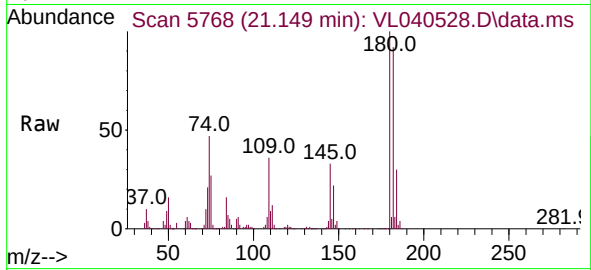
Acq: 14 Jul 2023 15:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 2026870

Ion Ratio Lower Upper

180 100

182 95.3 77.5 116.3

184 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023

