

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040900.D
 Acq On : 17 Nov 2023 18:25
 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 11/20/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 20 04:00:48 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 20 03:50:24 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	923044	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2191854	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2291125m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 1731048 9.650 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.771	85	1900082	10.154	ppbv	99
3) Chlorodifluoromethane	2.716	51	1471994	9.988	ppbv	100
4) Chloromethane	2.854	50	524591	9.899	ppbv	97
5) Vinyl Chloride	2.960	62	541405	10.272	ppbv	100
6) Bromomethane	3.157	94	210659	10.471	ppbv	97
7) Chloroethane	3.234	64	191026	10.467	ppbv #	89
8) Dichlorotetrafluoroethane	2.896	85	1372709	10.160	ppbv	98
9) Propene	2.735	41	475716	9.578	ppbv	100
10) Heptane	7.597	43	1230728	10.073	ppbv	99
11) Trichlorofluoromethane	3.597	101	1463215	10.177	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	999045	9.781	ppbv	98
13) Ethanol	3.276	45	91267	9.464	ppbv #	100
14) Bromoethene	3.401	108	424435	10.331	ppbv	98
15) Acetone	3.501	43	1002678	10.199	ppbv	99
16) 1,3-Butadiene	3.025	39	550163	11.062	ppbv	98
17) tert-Butyl alcohol	3.909	59	865941	10.300	ppbv	99
18) 1,1-Dichloroethene	3.912	96	443791	9.748	ppbv	97
19) Isopropyl Alcohol	3.610	45	630470	10.657	ppbv #	99
20) Methylene Chloride	3.964	84	378152	9.321	ppbv	98
21) Allyl Chloride	4.028	41	645997	10.268	ppbv	99
22) trans-1,2-Dichloroethene	4.472	96	560010	10.839	ppbv	97
23) Vinyl Acetate	4.655	43	1399290	11.023	ppbv	99
24) 1,1-Dichloroethane	4.591	63	1199316	10.600	ppbv	98
25) Ethyl Acetate	5.230	43	2102818	10.331	ppbv	100
26) Hexane	5.237	57	901994	10.012	ppbv	98
27) Carbon Disulfide	4.157	76	1128631	9.879	ppbv	99
28) Methyl tert-Butyl Ether	4.613	73	816399	10.020	ppbv	98
29) Chloroform	5.301	83	1544015	10.112	ppbv	99
30) Cyclohexane	6.623	84	723196	9.331	ppbv	94
31) cis-1,2-Dichloroethene	5.105	61	945186	10.602	ppbv	98
32) 1,1,1-Trichloroethane	6.025	97	1519044	10.663	ppbv	100
34) 2-Butanone	4.812	43	1313506	11.763	ppbv	98
35) Carbon Tetrachloride	6.513	117	1619761	12.045	ppbv	98
36) Benzene	6.394	78	1860409	10.458	ppbv	99
37) 1,2-Dichloroethane	5.828	62	1197171	11.411	ppbv	99
38) Trichloroethene	7.311	130	714160	10.328	ppbv	93
39) 1,2-Dichloropropane	7.092	63	731212	10.367	ppbv	97
40) 1,4-Dioxane	7.304	88	296255	10.586	ppbv #	98
41) Tetrahydrofuran	5.578	42	776923	11.301	ppbv	98
42) Bromodichloromethane	7.269	83	1715366	11.425	ppbv	98
43) Methyl Methacrylate	7.491	69	781220	11.524	ppbv	97
44) 2,2,4-Trimethylpentane	7.343	57	3168850	10.724	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	500285	12.559	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

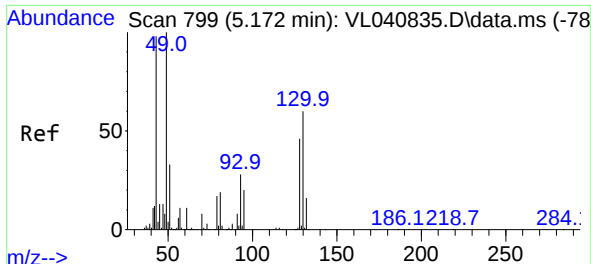
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Nov 20 03:50:24 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	621966	12.042	ppbv	95
47) 1,1,2-Trichloroethane	8.912	97	786702	10.644	ppbv	98
48) Dibromochloromethane	9.725	129	1378699	11.242	ppbv	99
49) Bromoform	12.417	173	1128749	12.237	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	2034729	11.775	ppbv	99
51) 2-Hexanone	9.561	43	1443921	11.854	ppbv #	99
52) Tetrachloroethene	10.626	164	621993	10.383	ppbv	96
53) Toluene	9.233	91	2129493	10.878	ppbv	99
54) 1,2-Dibromoethane	10.021	107	1083793	11.395	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.520	131	998178	10.180	ppbv	97
57) Chlorobenzene	11.536	112	1627006	9.581	ppbv	98
58) Ethyl Benzene	12.098	91	2939968	9.835	ppbv	96
59) m/p-Xylene	12.378	91	5024732m	19.739	ppbv	
60) o-Xylene	13.066	91	2400178	9.904	ppbv	97
61) Styrene	12.905	104	1191737	10.197	ppbv	99
62) Isopropylbenzene	14.037	105	3485704	9.736	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	1743222	10.149	ppbv	99
64) n-propylbenzene	14.921	120	876768	9.771	ppbv	93
65) tert-Butylbenzene	16.095	119	2973391	9.849	ppbv	97
66) Benzyl Chloride	16.333	91	134368	12.079	ppbv #	96
67) sec-Butylbenzene	16.642	105	4257609	9.873	ppbv	99
69) p-Isopropyltoluene	17.002	119	3374414	9.813	ppbv	98
70) n-Butylbenzene	17.892	91	3660025	10.080	ppbv	98
71) 2-Chlorotoluene	14.809	91	2716100	9.952	ppbv	99
72) 4-Ethyltoluene	15.198	105	2730301	10.249	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	2340887	9.936	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	2573286	9.787	ppbv	98
75) 1,3-Dichlorobenzene	16.336	146	1439408	9.915	ppbv	100
76) 1,4-Dichlorobenzene	16.481	146	1427316	10.269	ppbv	100
77) 1,2-Dichlorobenzene	17.146	146	1385431	9.815	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	776283	8.783	ppbv	100
79) Naphthalene	21.391	128	1691529	12.517	ppbv	98
80) Naphthalene,2-methyl-	24.381	142	322741	13.530	ppbv	96
81) 1,2,4-Trichlorobenzene	21.146	180	858020	10.444	ppbv	99

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



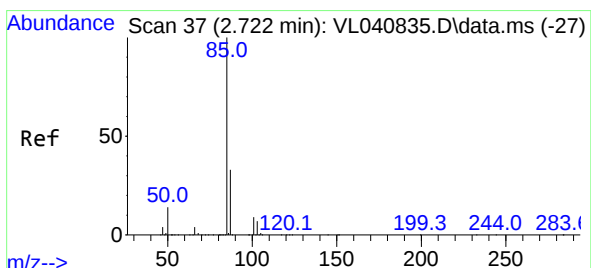
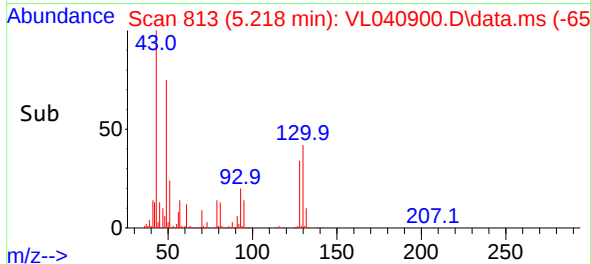
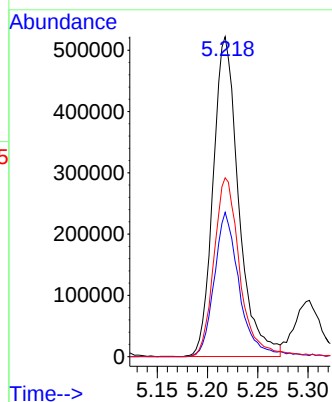
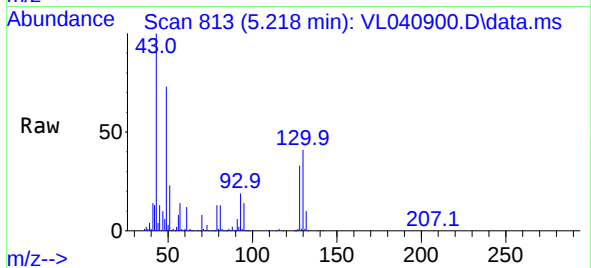
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 923044
Ion Ratio Lower Upper
49 100
128 44.9 23.8 71.2
130 57.1 30.9 92.8

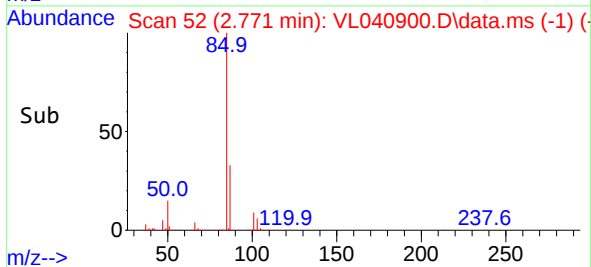
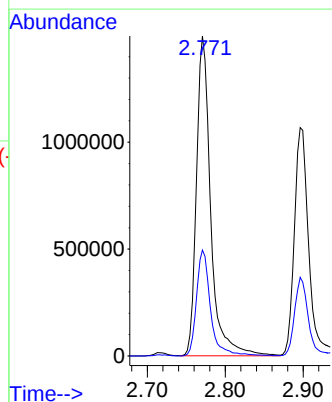
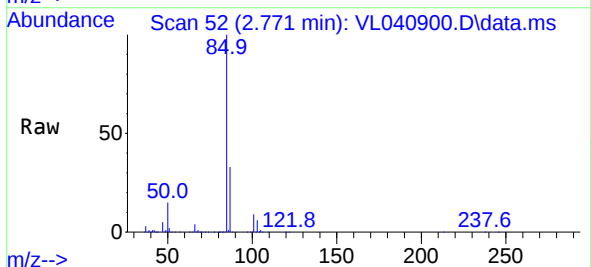
Manual Integrations
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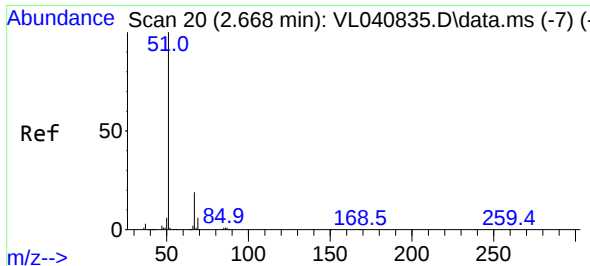
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 10.154 ppbv
RT: 2.771 min Scan# 52
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

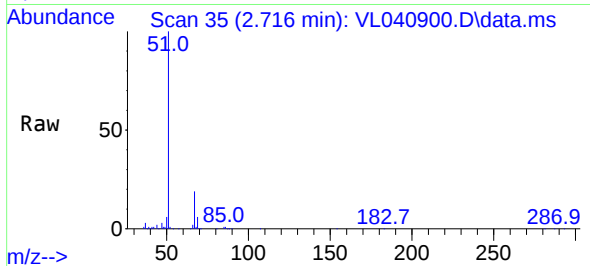
Tgt Ion: 85 Resp: 1900082
Ion Ratio Lower Upper
85 100
87 33.1 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.988 ppbv
RT: 2.716 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

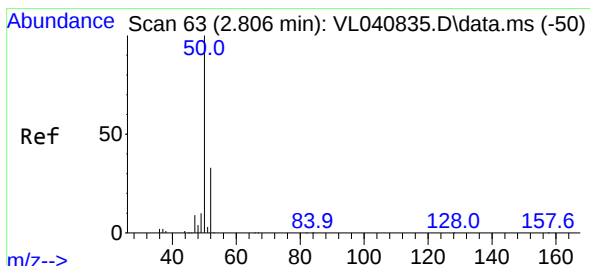
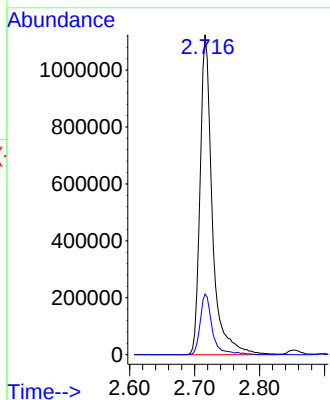
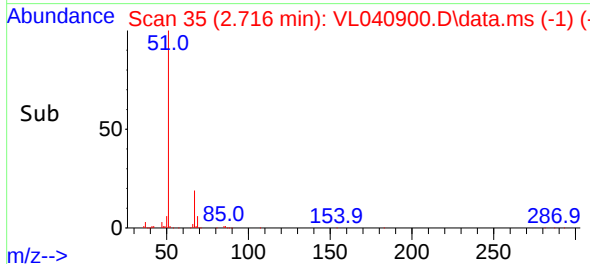
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



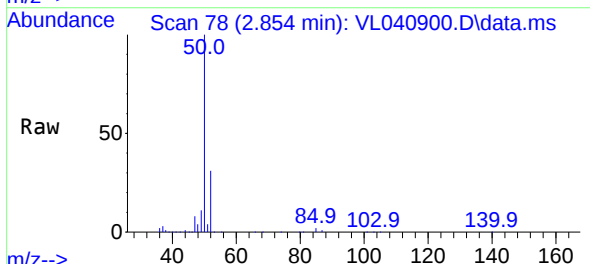
Tgt Ion: 51 Resp: 1471994
Ion Ratio Lower Upper
51 100
67 18.9 15.0 22.4

Manual Integrations
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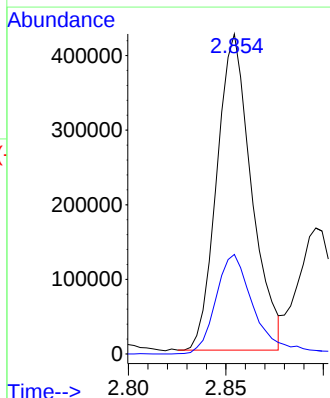
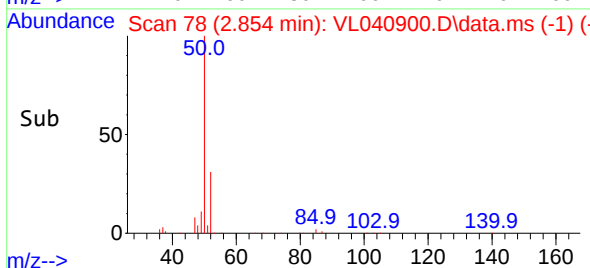
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

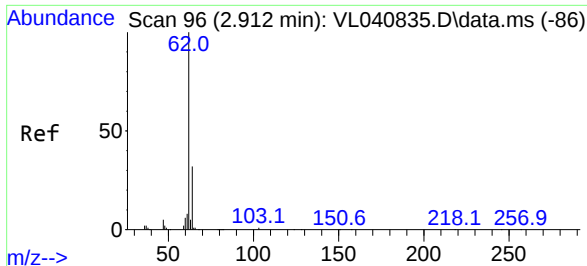


#4
Chloromethane
Concen: 9.899 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion: 50 Resp: 524591
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7





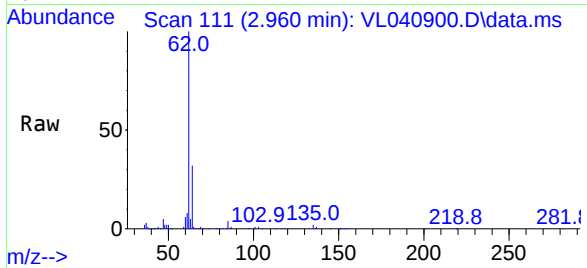
#5
 Vinyl Chloride
 Concen: 10.272 ppbv
 RT: 2.960 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

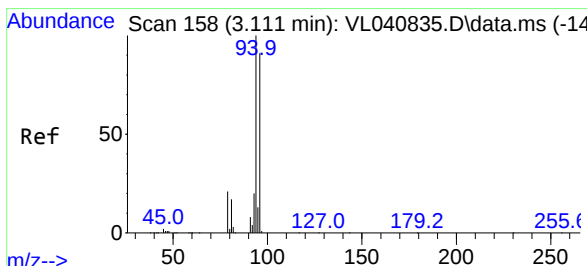
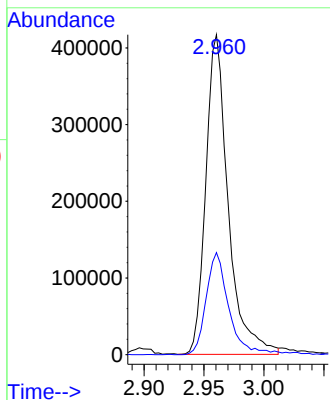
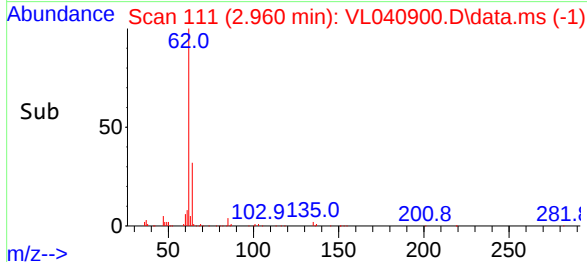


Tgt Ion: 62 Resp: 541408
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.4 38.2

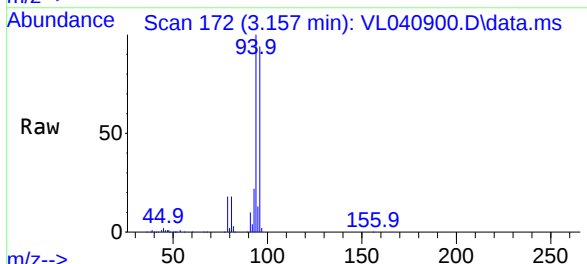
Manual Integrations

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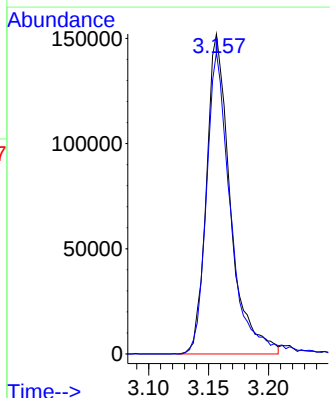
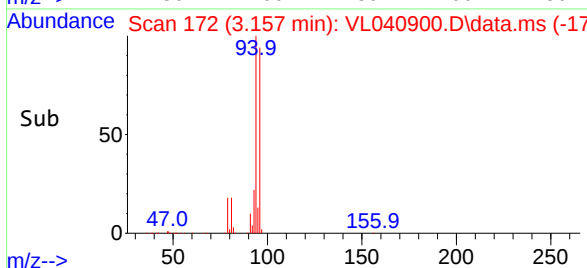
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

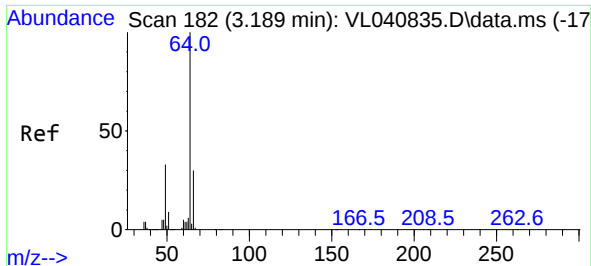


#6
 Bromomethane
 Concen: 10.471 ppbv
 RT: 3.157 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25



Tgt Ion: 94 Resp: 210659
 Ion Ratio Lower Upper
 94 100
 96 94.2 73.0 109.4





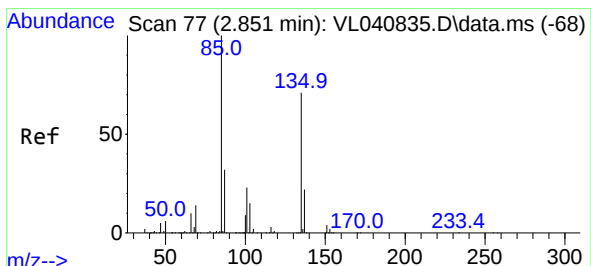
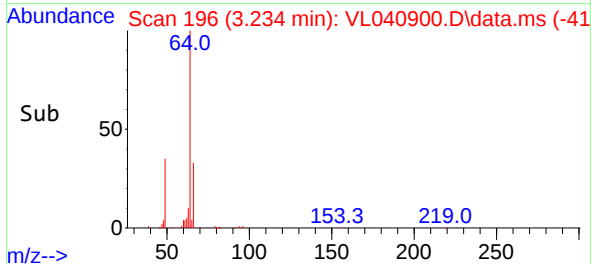
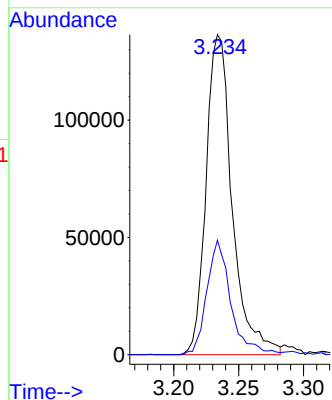
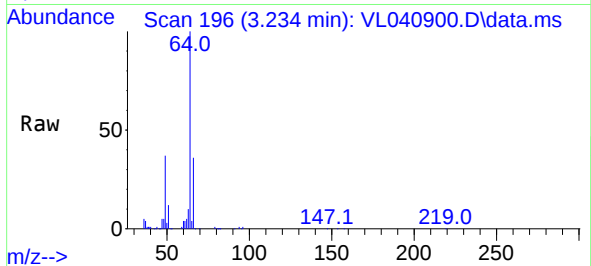
#7
Chloroethane
Concen: 10.467 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 191020
Ion Ratio Lower Upper
64 100
66 35.8 23.8 35.6

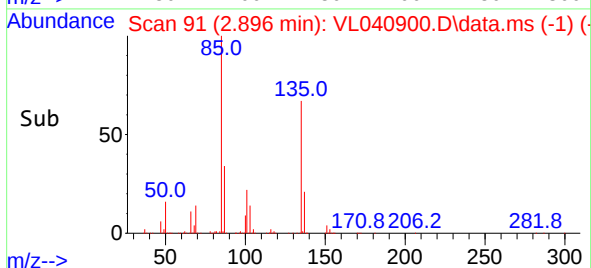
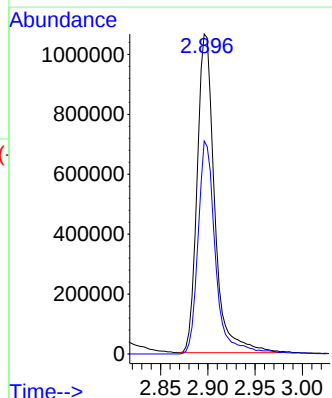
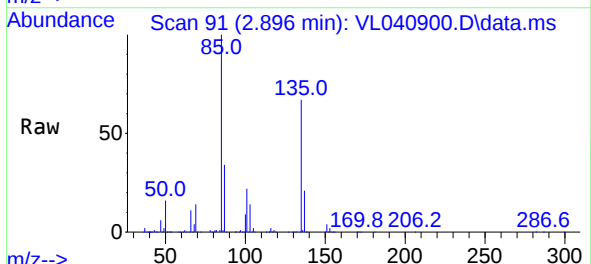
Manual Integrations
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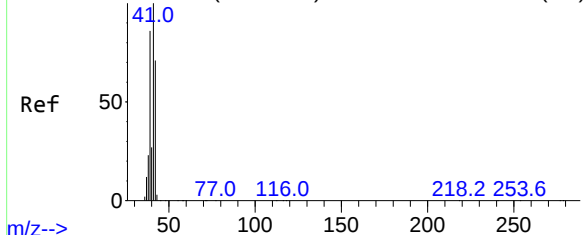


#8
Dichlorotetrafluoroethane
Concen: 10.160 ppbv
RT: 2.896 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 85 Resp: 1372709
Ion Ratio Lower Upper
85 100
135 67.1 55.3 82.9



Abundance Scan 26 (2.687 min): VL040835.D\data.ms (-18)



#9

Propene

Concen: 9.578 ppbv

RT: 2.735 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 475710

Ion Ratio Lower Upper

41 100

42 70.8 56.5 84.7

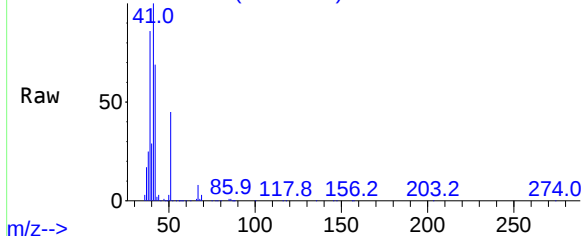
Manual Integrations

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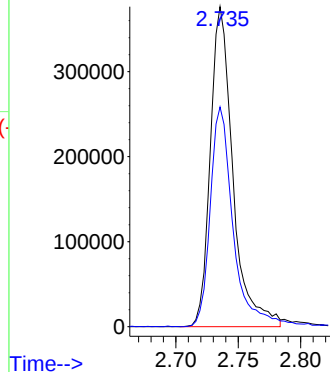
Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023

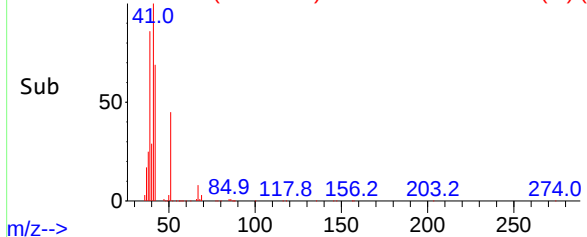
Abundance Scan 41 (2.735 min): VL040900.D\data.ms



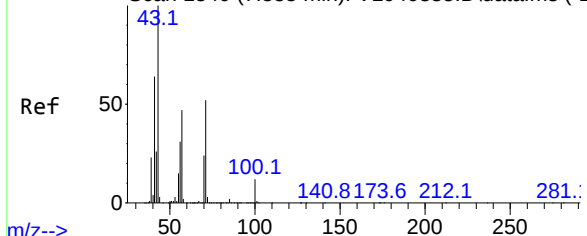
Abundance



Abundance Scan 41 (2.735 min): VL040900.D\data.ms (-1)



Abundance Scan 1540 (7.555 min): VL040835.D\data.ms (-1)



#10

Heptane

Concen: 10.073 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

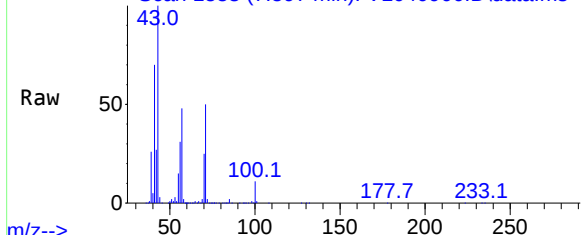
Tgt Ion: 43 Resp: 1230728

Ion Ratio Lower Upper

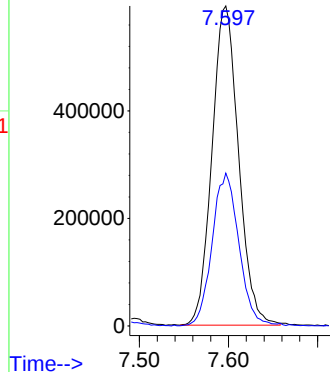
43 100

57 48.5 39.4 59.0

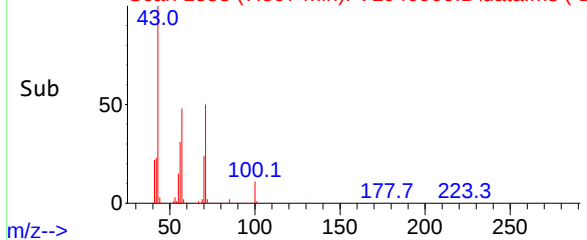
Abundance Scan 1553 (7.597 min): VL040900.D\data.ms

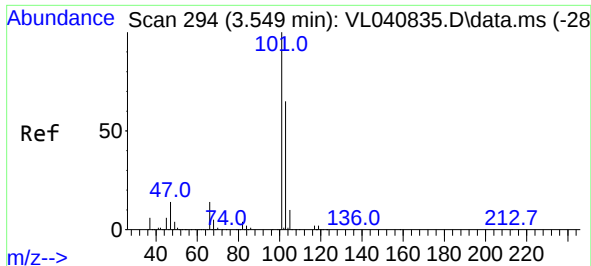


Abundance



Abundance Scan 1553 (7.597 min): VL040900.D\data.ms (-1)





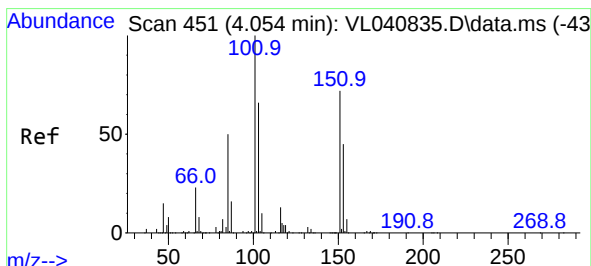
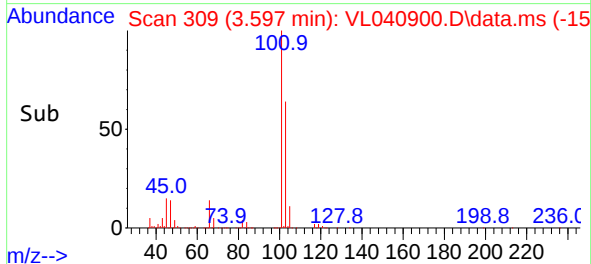
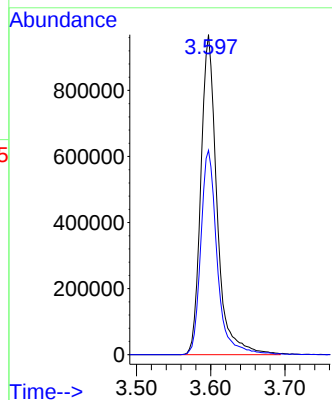
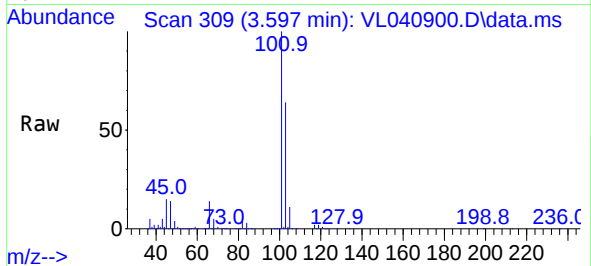
#11
Trichlorofluoromethane
Concen: 10.177 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1463215
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

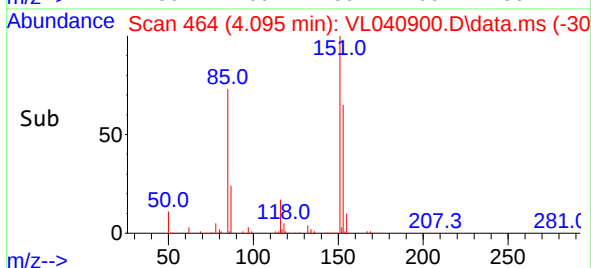
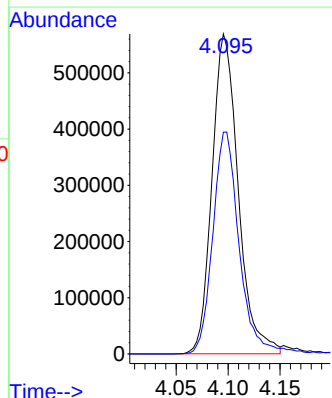
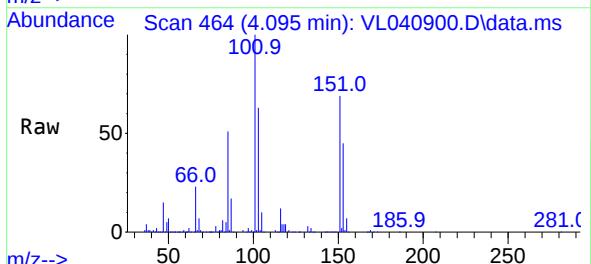
Manual Integrations
APPROVED

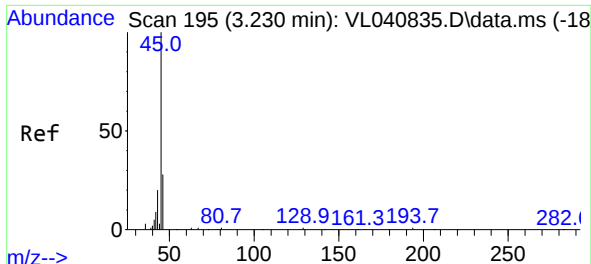
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.781 ppbv
RT: 4.095 min Scan# 464
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

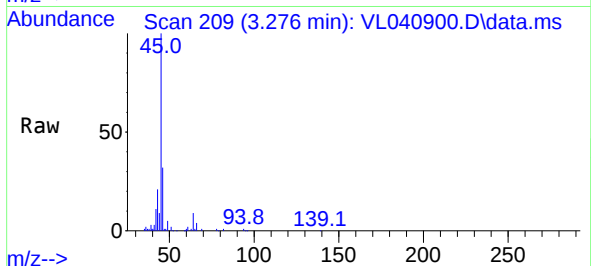
Tgt Ion:101 Resp: 999045
Ion Ratio Lower Upper
101 100
151 70.4 57.8 86.6





#13
Ethanol
Concen: 9.464 ppbv
RT: 3.276 min Scan# 209
Delta R.T. -0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

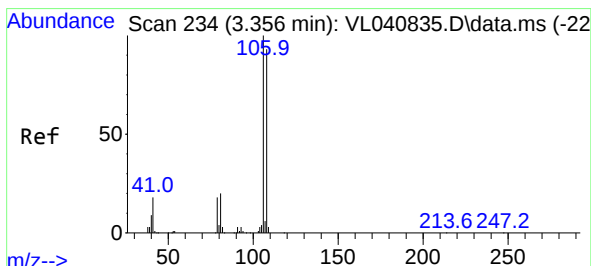
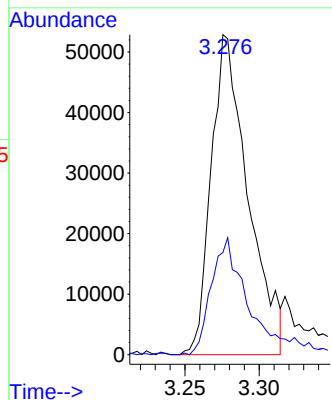
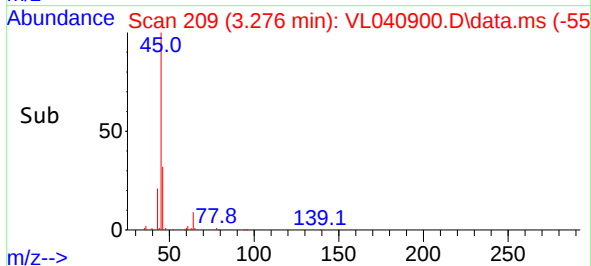
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



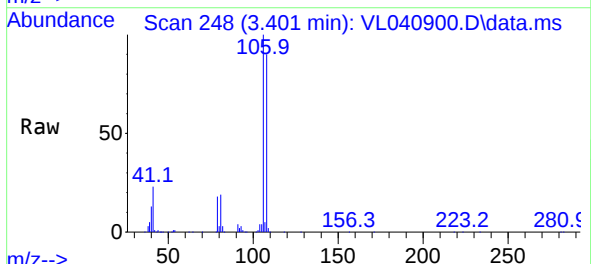
Tgt Ion: 45 Resp: 9126
Ion Ratio Lower Upper
45 100
46 39.8 0.0 0.0

Manual Integrations
APPROVED

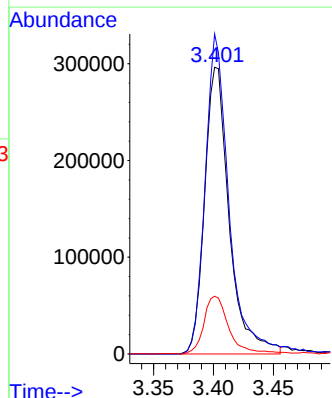
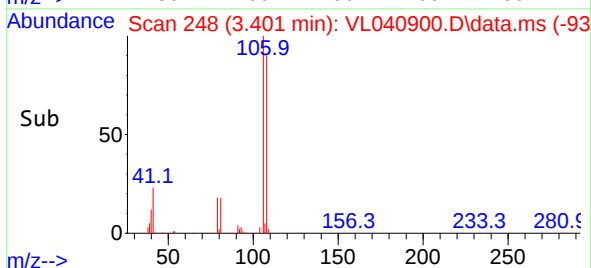
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

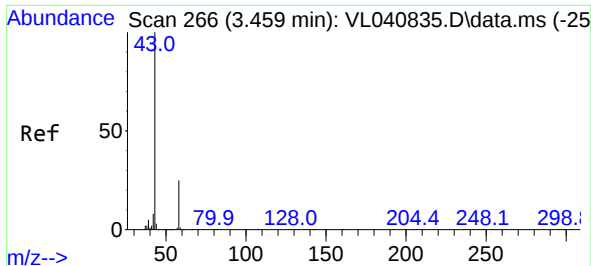


#14
Bromoethene
Concen: 10.331 ppbv
RT: 3.401 min Scan# 248
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



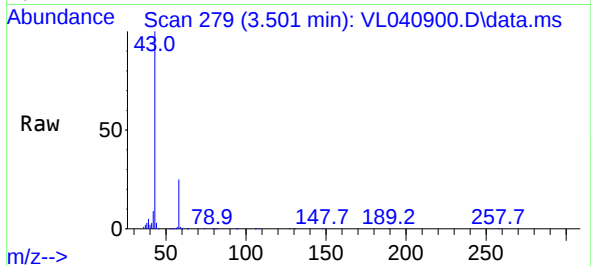
Tgt Ion:108 Resp: 424435
Ion Ratio Lower Upper
108 100
106 109.6 85.4 128.2
79 21.3 16.7 25.1





#15
Acetone
Concen: 10.199 ppbv
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

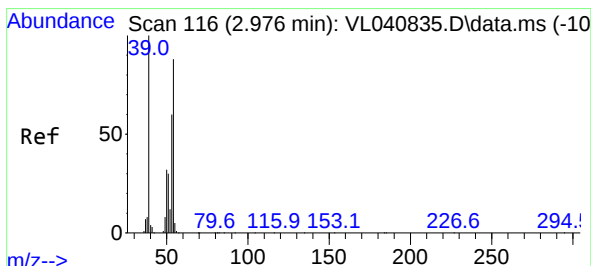
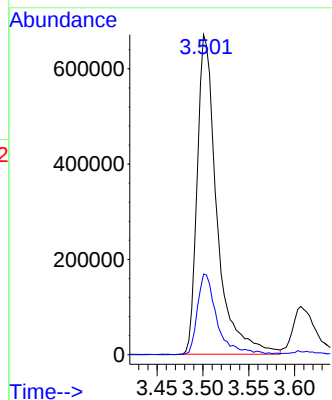
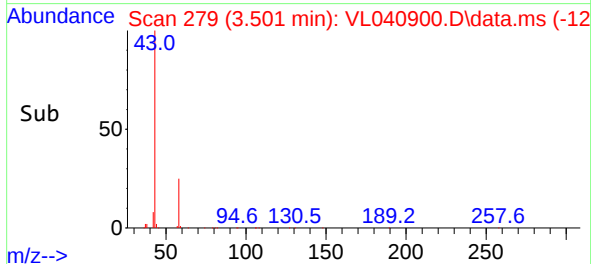
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



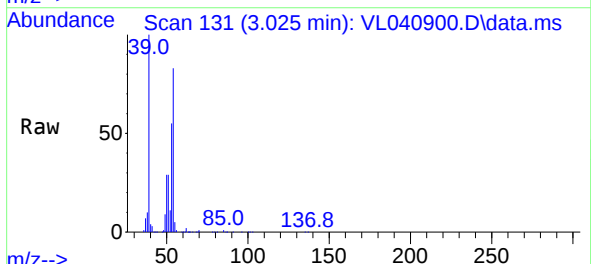
Tgt Ion: 43 Resp: 1002678
Ion Ratio Lower Upper
43 100
58 25.5 20.9 31.3

Manual Integrations
APPROVED

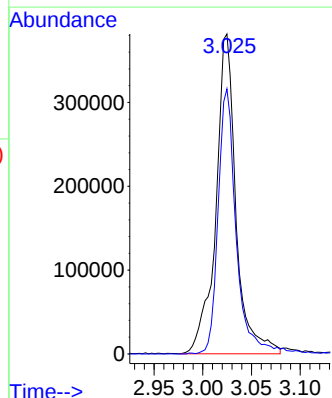
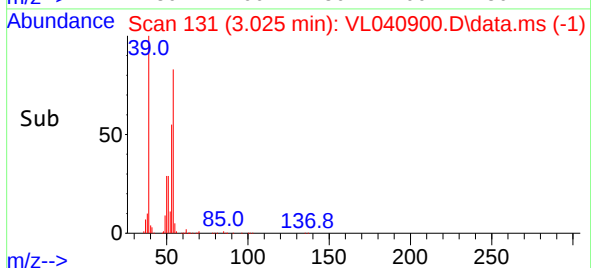
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

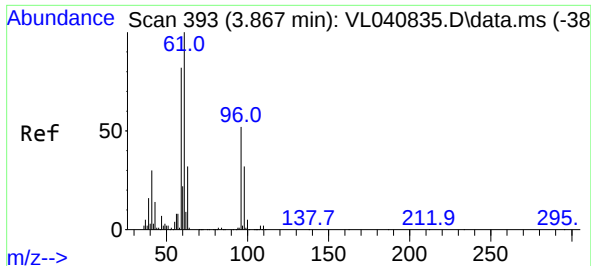


#16
1,3-Butadiene
Concen: 11.062 ppbv
RT: 3.025 min Scan# 131
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



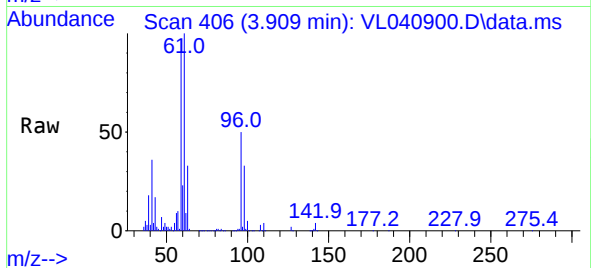
Tgt Ion: 39 Resp: 550163
Ion Ratio Lower Upper
39 100
54 75.1 61.8 92.6





#17
tert-Butyl alcohol
Concen: 10.300 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

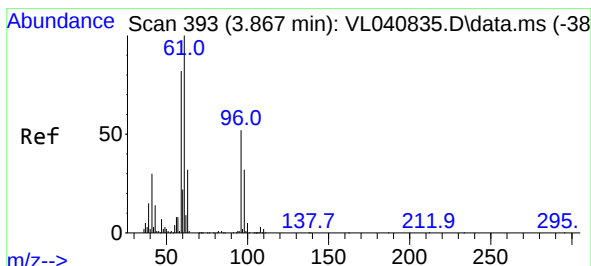
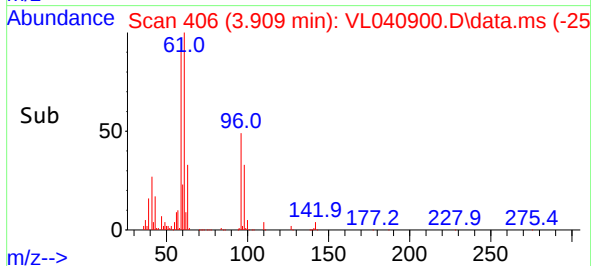
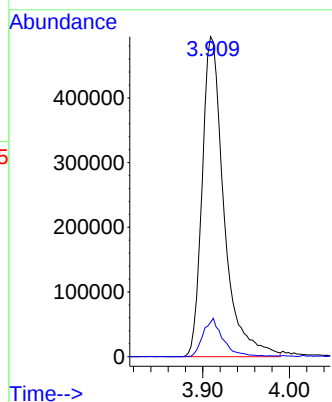
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 86594
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4

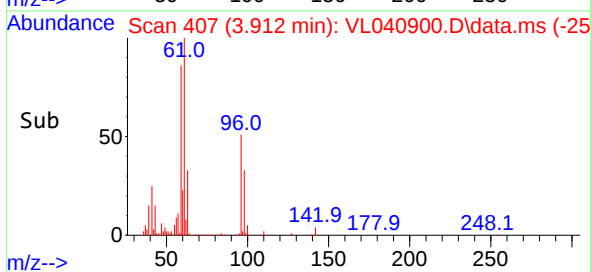
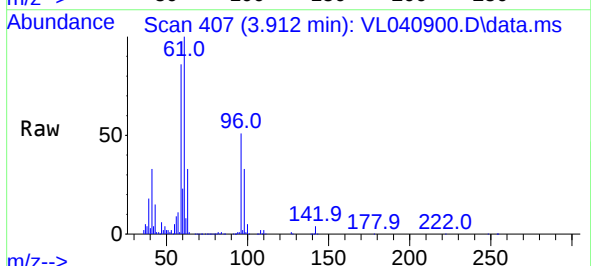
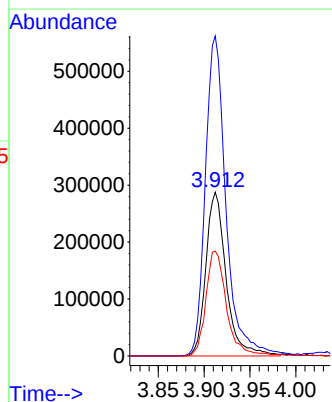
Manual Integrations
APPROVED

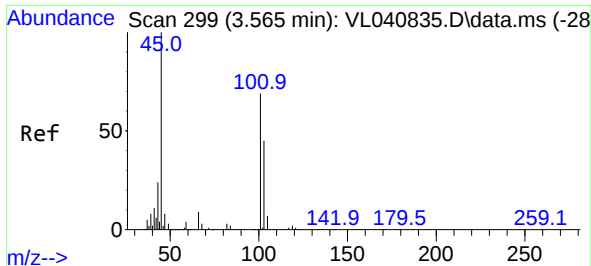
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#18
1,1-Dichloroethene
Concen: 9.748 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 96 Resp: 443791
Ion Ratio Lower Upper
96 100
61 195.2 152.6 228.8
98 64.1 49.2 73.8





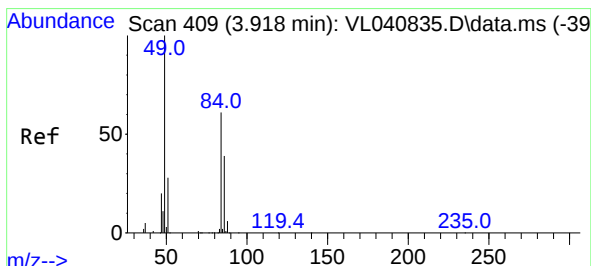
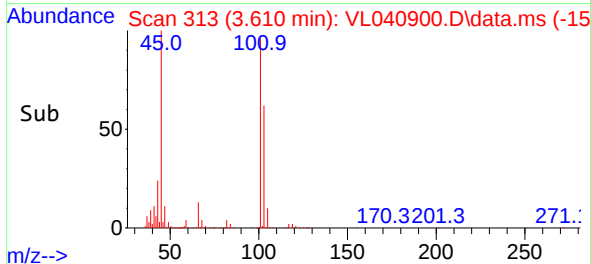
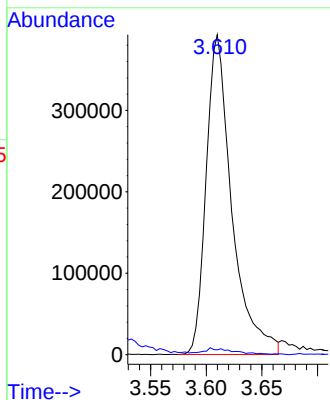
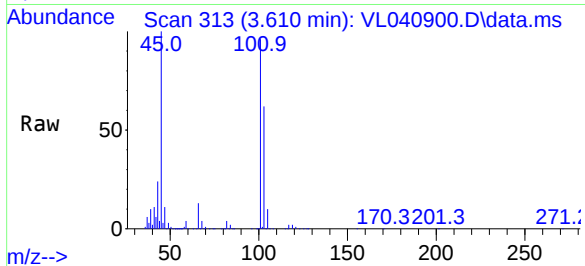
#19
Isopropyl Alcohol
Concen: 10.657 ppbv
RT: 3.610 min Scan# 313
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 630470
Ion Ratio Lower Upper
45 100
58 2.5 1.6 2.4

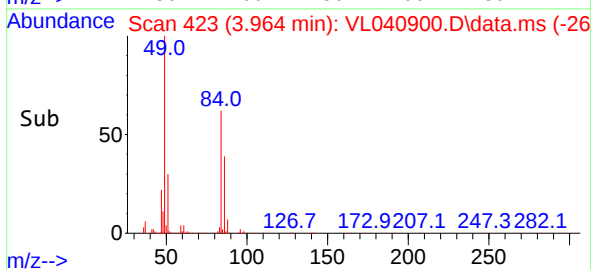
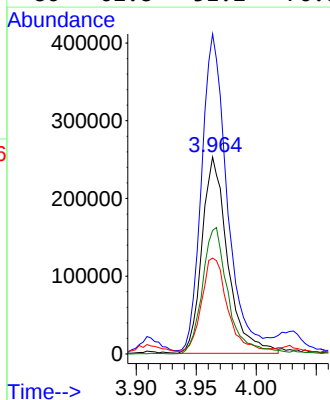
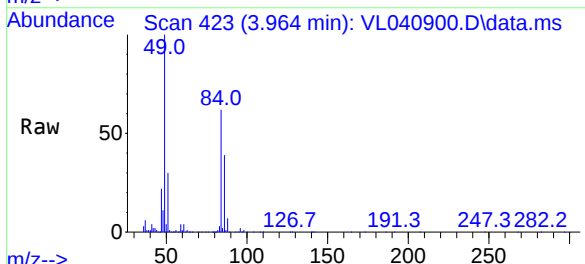
Manual Integrations
APPROVED

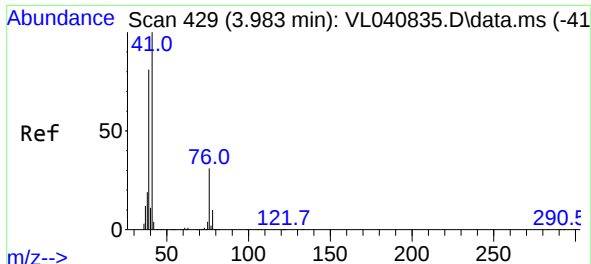
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 9.321 ppbv
RT: 3.964 min Scan# 423
Delta R.T. -0.000 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 84 Resp: 378152
Ion Ratio Lower Upper
84 100
49 161.3 131.0 196.4
51 47.6 36.9 55.3
86 62.8 51.2 76.8





#21

Allyl Chloride

Concen: 10.268 ppbv

RT: 4.028 min Scan# 443

Delta R.T. 0.003 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

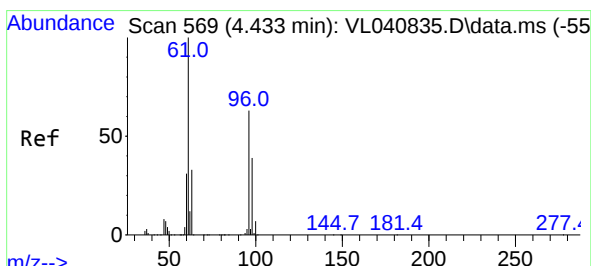
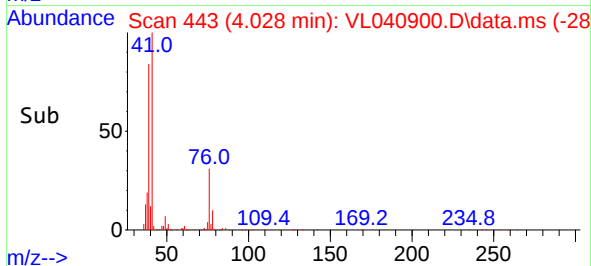
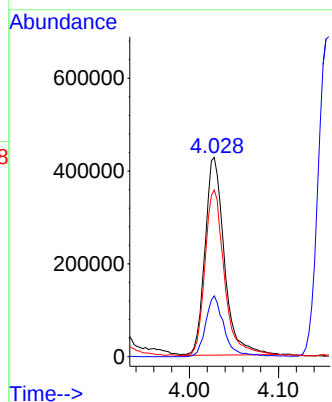
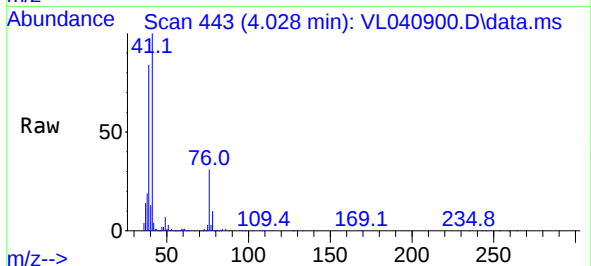
Tgt Ion: 41 Resp: 64599

Ion	Ratio	Lower	Upper
41	100		
76	29.5	24.4	36.6
39	85.8	68.1	102.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#22

trans-1,2-Dichloroethene

Concen: 10.839 ppbv

RT: 4.472 min Scan# 581

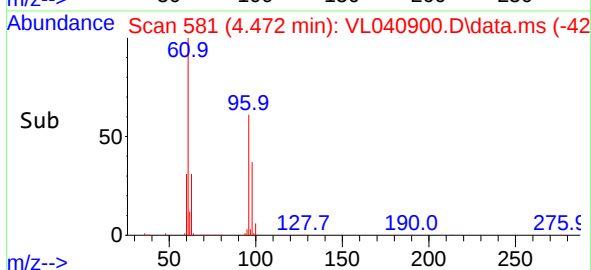
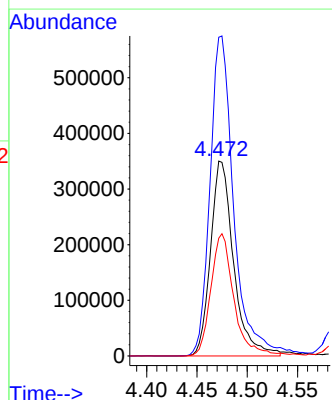
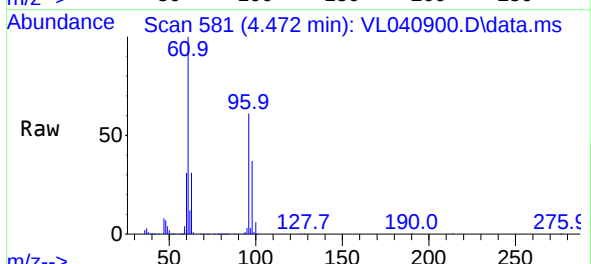
Delta R.T. 0.003 min

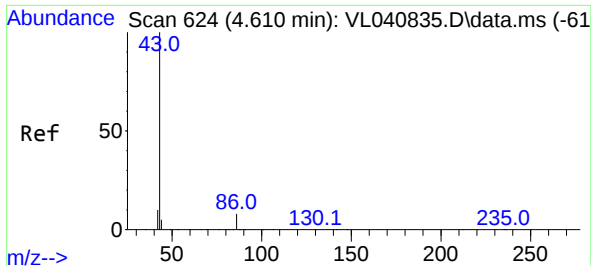
Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion: 96 Resp: 560010

Ion	Ratio	Lower	Upper
96	100		
61	163.5	126.8	190.2
98	60.5	49.9	74.9





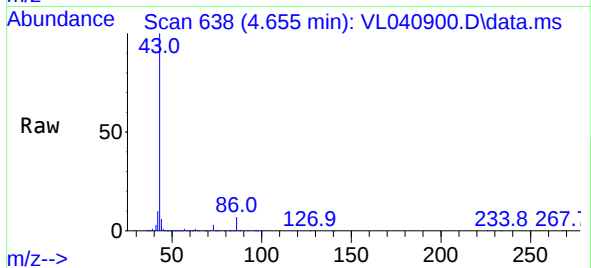
#23
 Vinyl Acetate
 Concen: 11.023 ppbv
 RT: 4.655 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

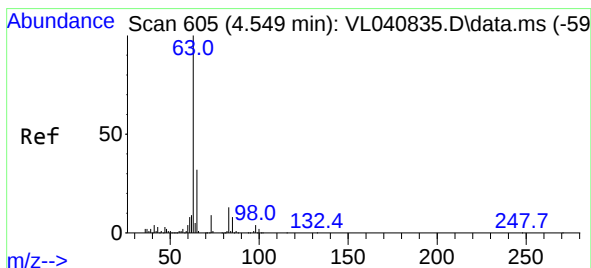
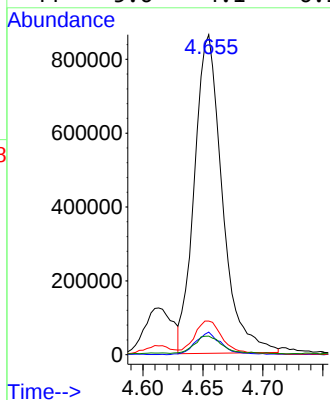
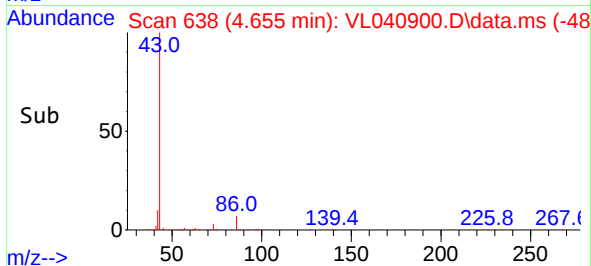


Tgt Ion: 43 Resp: 1399290
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.5 8.3
 42 10.4 8.2 12.2
 44 5.6 4.1 6.1

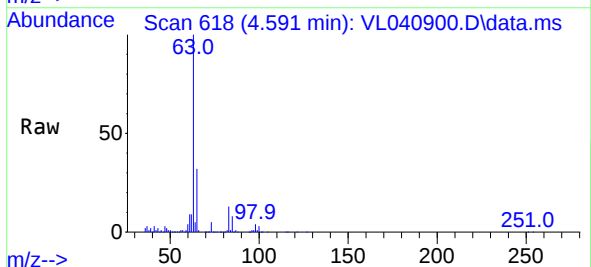
Manual Integrations

APPROVED

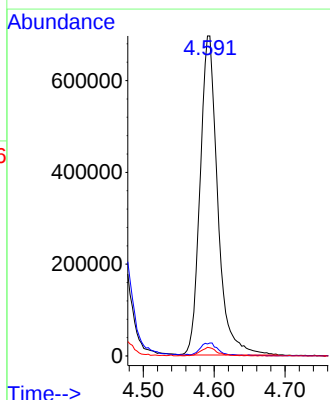
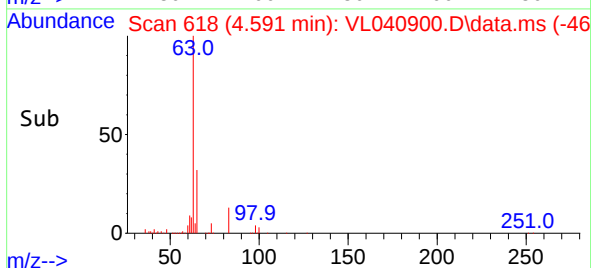
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

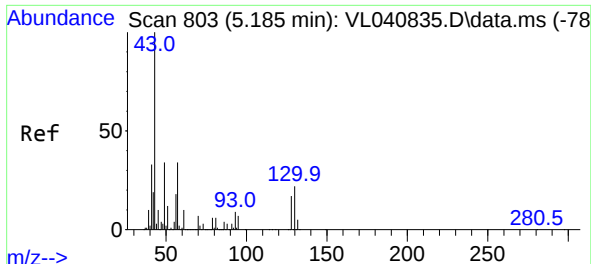


#24
 1,1-Dichloroethane
 Concen: 10.600 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25



Tgt Ion: 63 Resp: 1199316
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.2 6.6
 100 2.7 1.0 3.0





#25

Ethyl Acetate

Concen: 10.331 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2102818

Ion Ratio Lower Upper

43 100

45 10.2 8.1 12.1

61 9.6 7.8 11.6

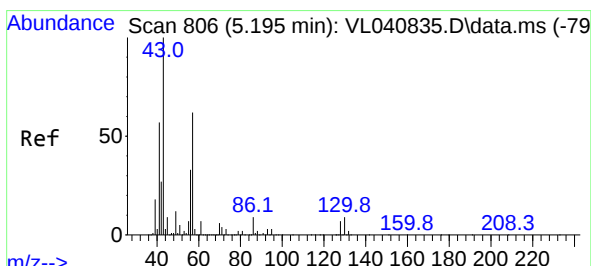
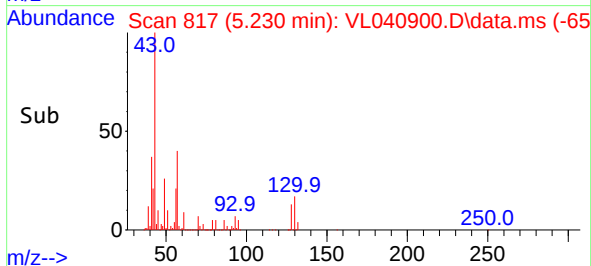
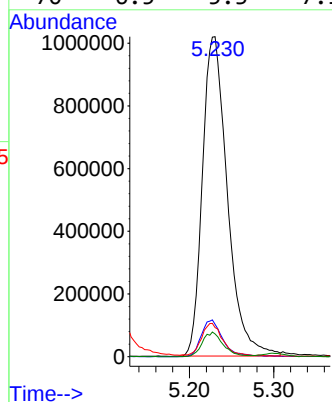
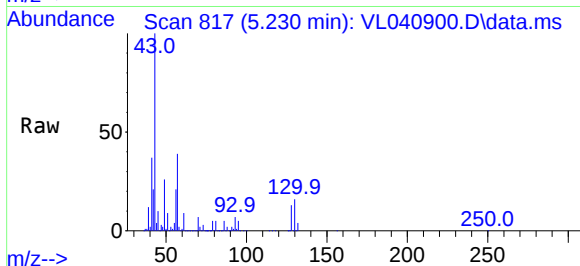
70 6.5 5.3 7.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#26

Hexane

Concen: 10.012 ppbv

RT: 5.237 min Scan# 819

Delta R.T. 0.006 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion: 57 Resp: 901994

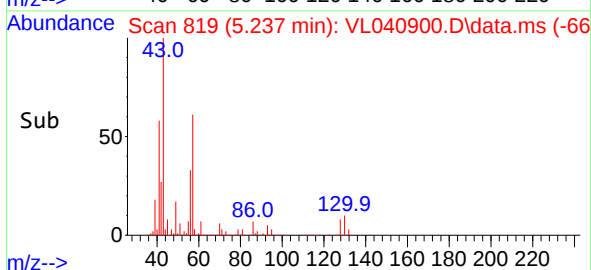
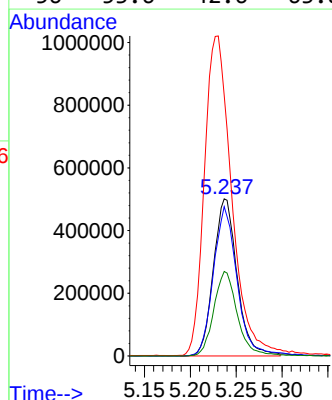
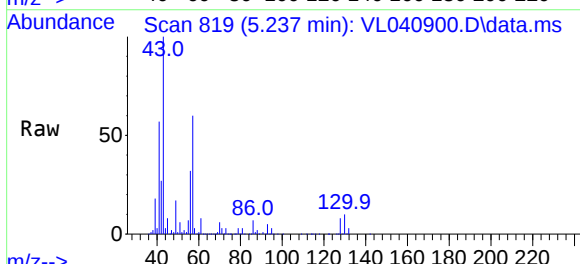
Ion Ratio Lower Upper

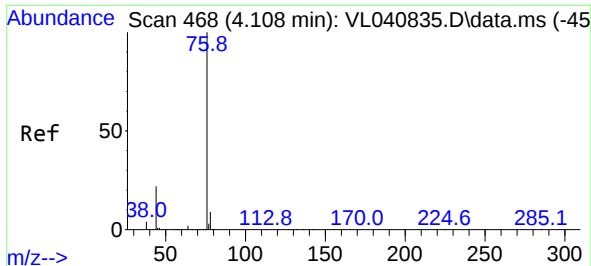
57 100

41 95.7 75.4 113.0

43 237.1 185.9 278.9

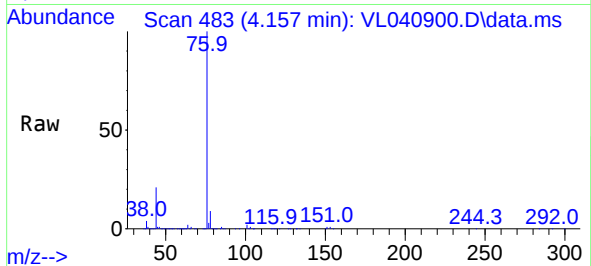
56 53.6 42.6 63.8





#27
Carbon Disulfide
Concen: 9.879 ppbv
RT: 4.157 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

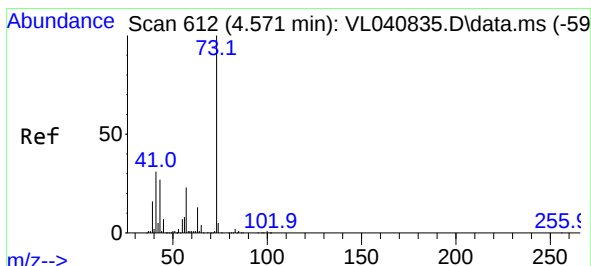
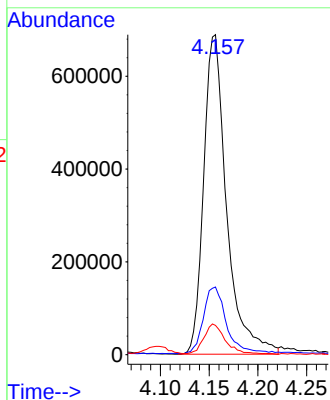
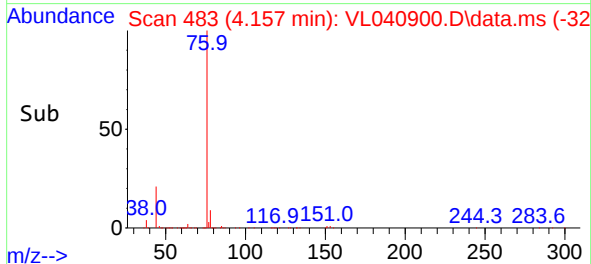
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



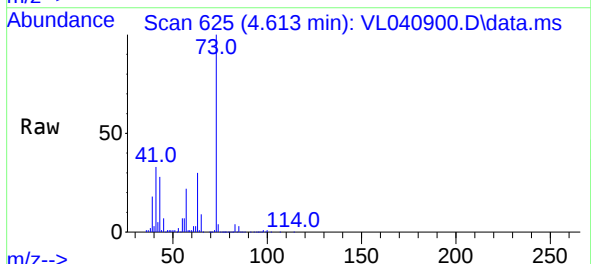
Tgt Ion: 76 Resp: 112863
Ion Ratio Lower Upper
76 100
44 21.5 16.7 25.1
78 9.7 7.6 11.4

Manual Integrations
APPROVED

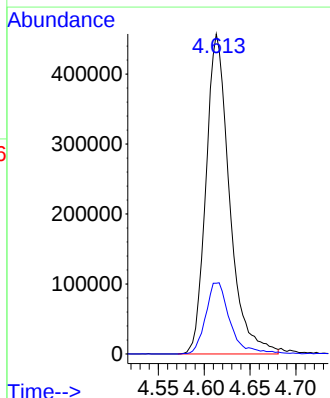
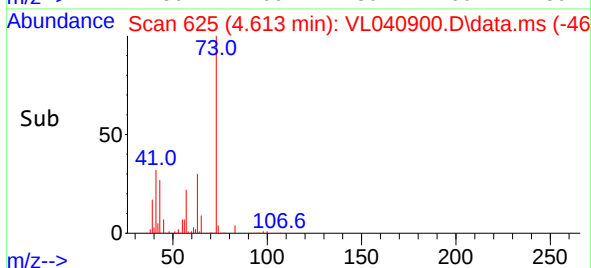
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

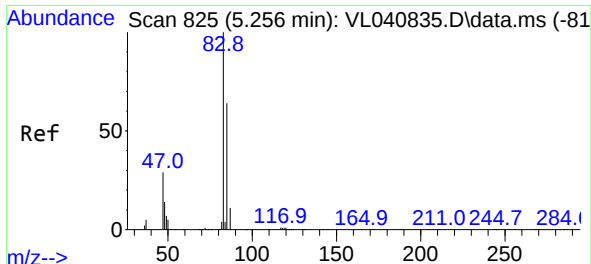


#28
Methyl tert-Butyl Ether
Concen: 10.020 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion: 73 Resp: 816399
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#29

Chloroform

Concen: 10.112 ppbv

RT: 5.301 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 154401

Ion Ratio Lower Upper

83 100

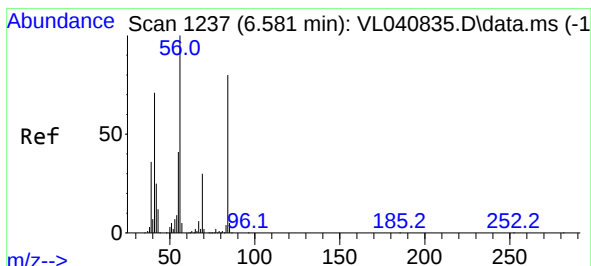
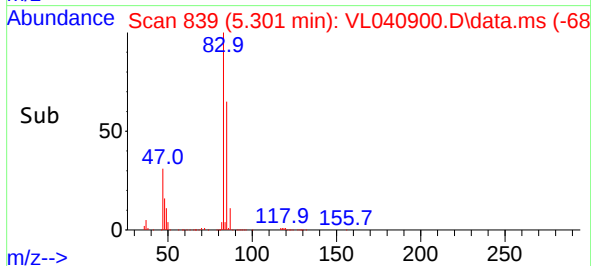
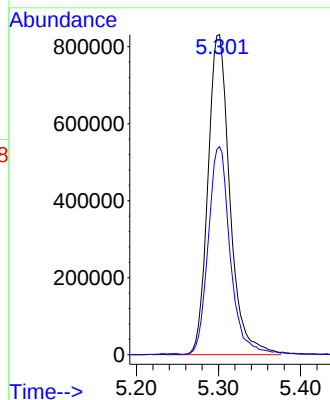
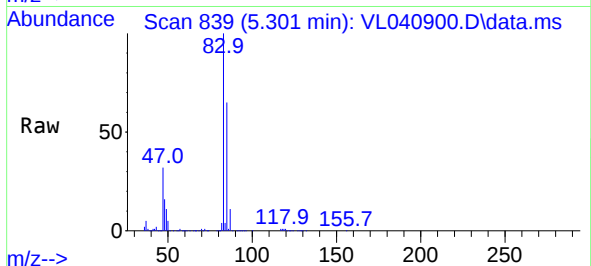
85 64.8 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#30

Cyclohexane

Concen: 9.331 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

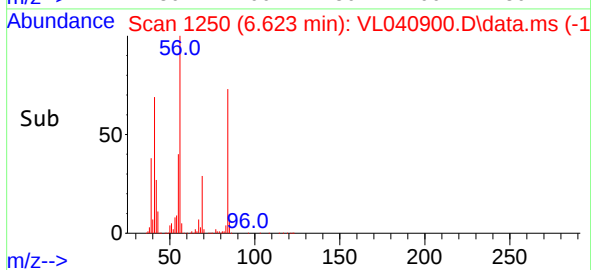
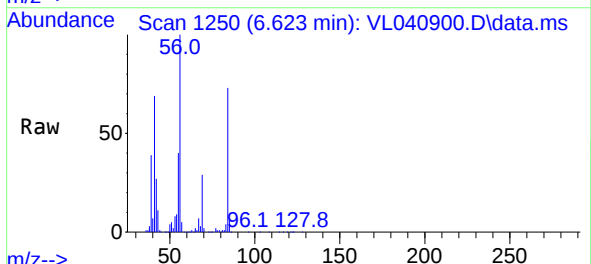
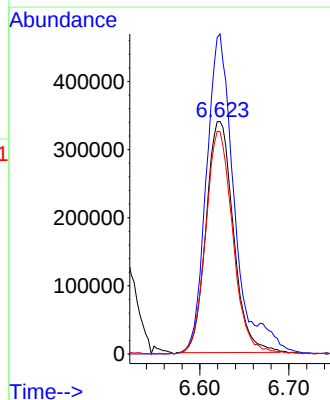
Tgt Ion: 84 Resp: 723196

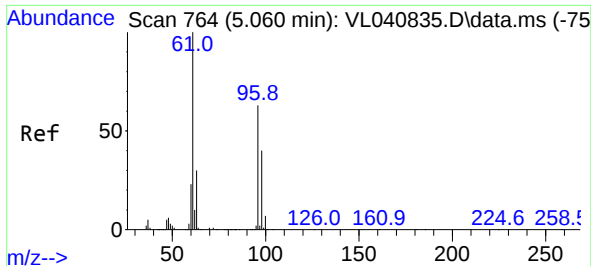
Ion Ratio Lower Upper

84 100

56 143.3 109.3 163.9

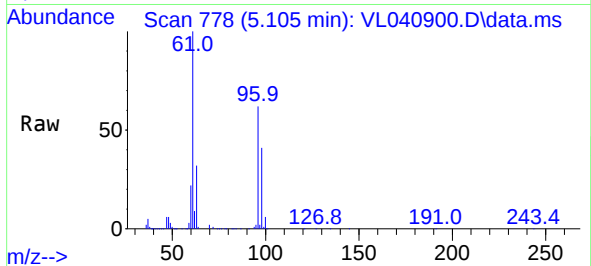
41 96.8 71.4 107.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.602 ppbv
 RT: 5.105 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

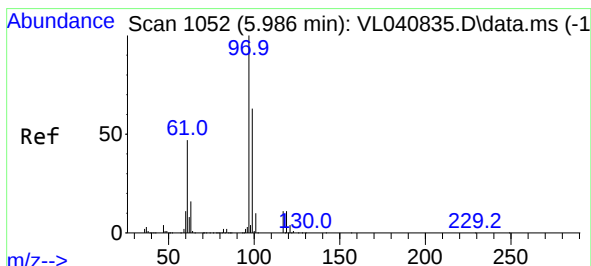
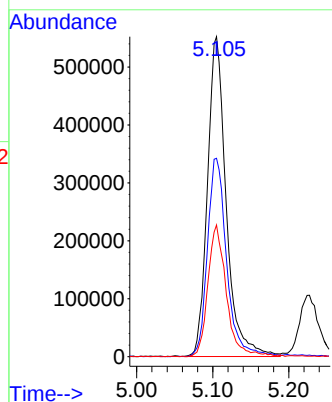
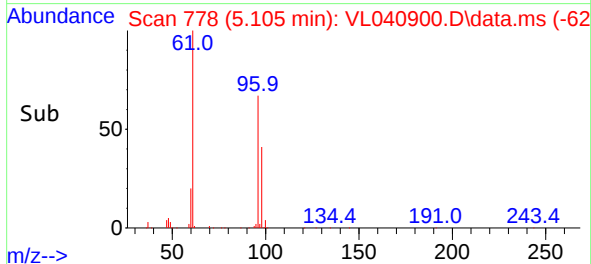
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



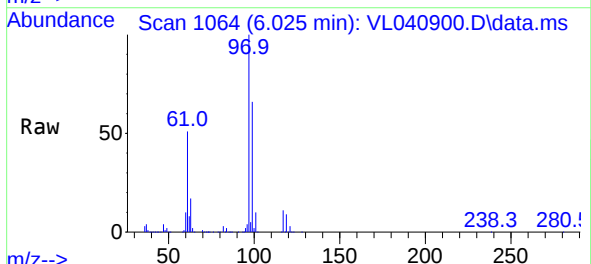
Tgt Ion: 61 Resp: 945180
 Ion Ratio Lower Upper
 61 100
 96 61.9 50.5 75.7
 98 41.2 31.9 47.9

Manual Integrations
 APPROVED

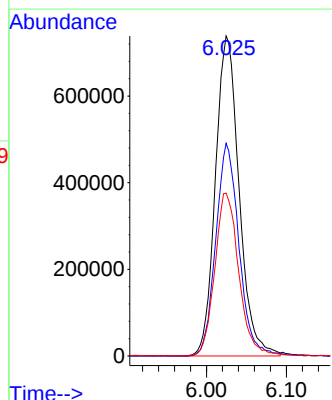
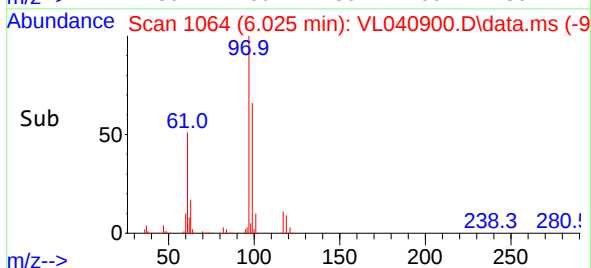
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

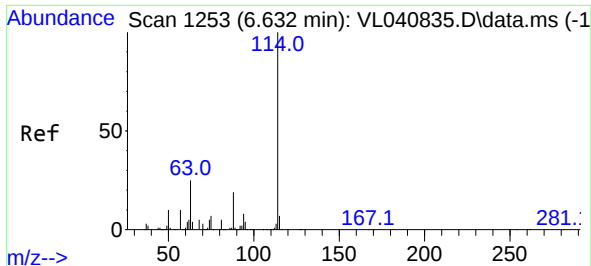


#32
 1,1,1-Trichloroethane
 Concen: 10.663 ppbv
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.006 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25



Tgt Ion: 97 Resp: 1519044
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.2 78.4
 61 51.8 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2191854

Ion Ratio Lower Upper

114 100

63 27.4 20.9 31.3

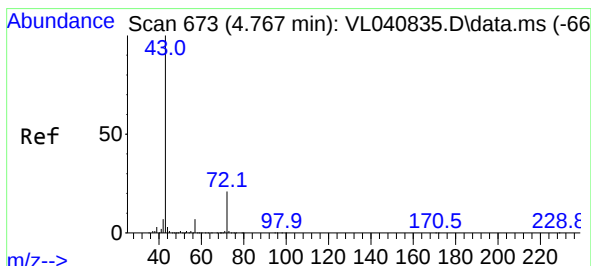
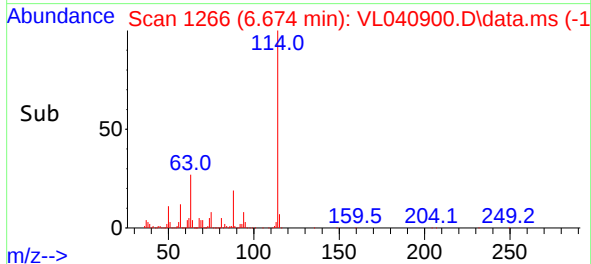
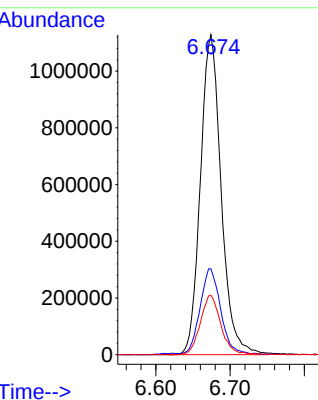
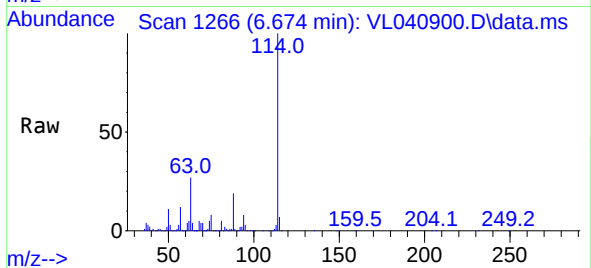
88 18.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023

Supervised By :Mahesh Dadoda 11/21/2023



#34

2-Butanone

Concen: 11.763 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.006 min

Lab File: VL040900.D

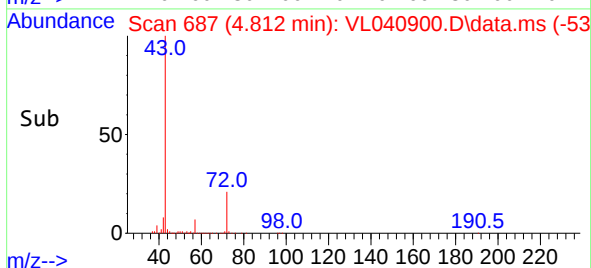
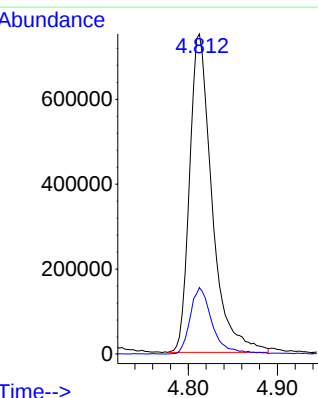
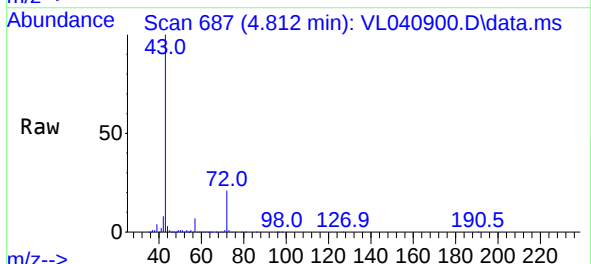
Acq: 17 Nov 2023 18:25

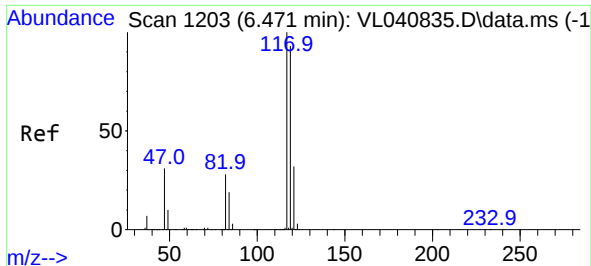
Tgt Ion: 43 Resp: 1313506

Ion Ratio Lower Upper

43 100

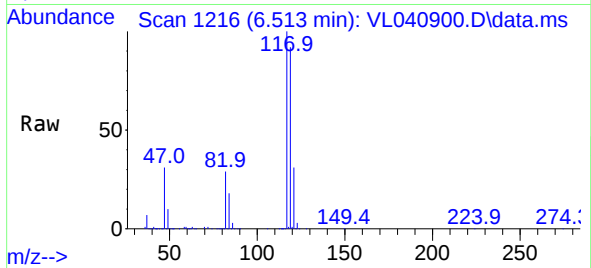
72 20.6 17.2 25.8





#35
Carbon Tetrachloride
Concen: 12.045 ppbv
RT: 6.513 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

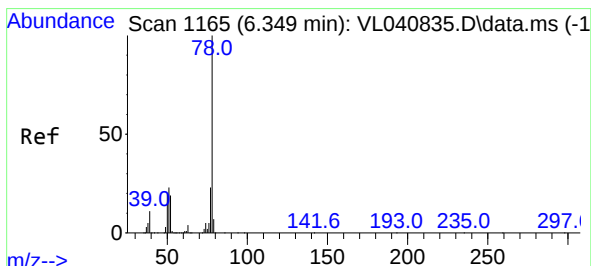
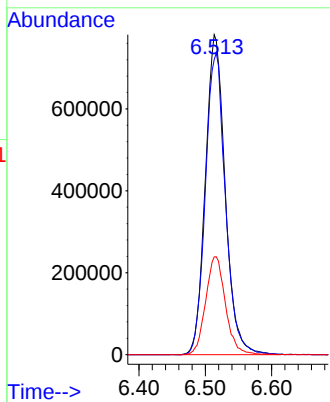
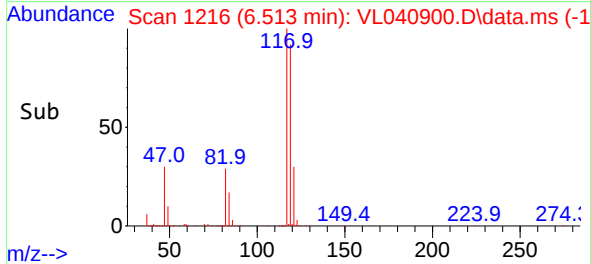
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



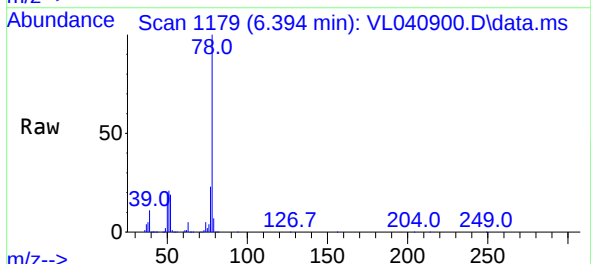
Tgt Ion: 117 Resp: 161976
Ion Ratio Lower Upper
117 100
119 92.2 74.7 112.1
121 30.6 25.5 38.3

Manual Integrations
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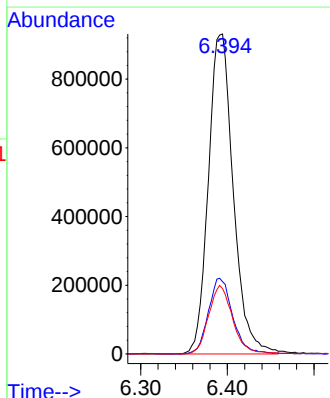
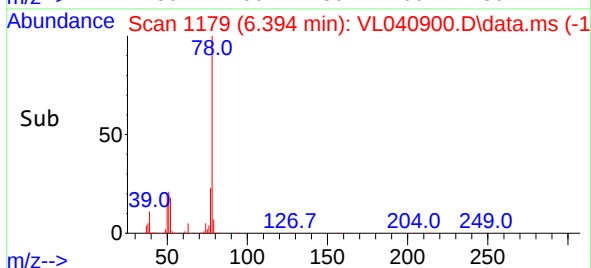
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

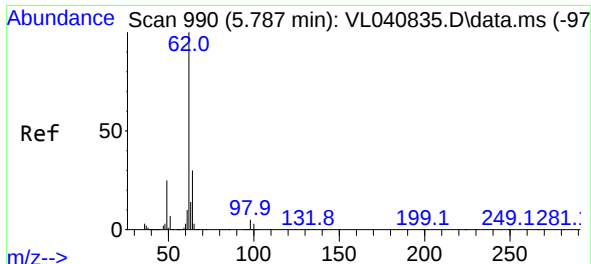


#36
Benzene
Concen: 10.458 ppbv
RT: 6.394 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion: 78 Resp: 1860409
Ion Ratio Lower Upper
78 100
77 22.5 18.4 27.6
50 20.4 16.2 24.2





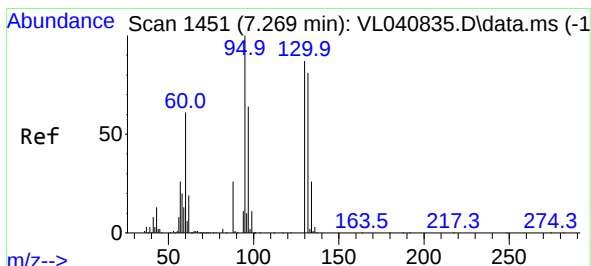
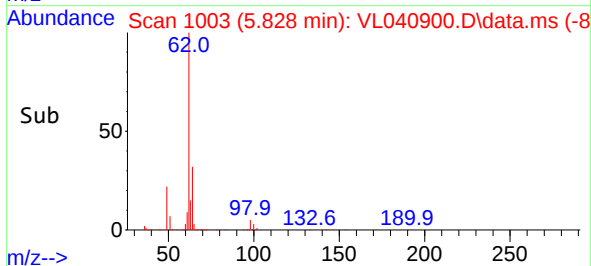
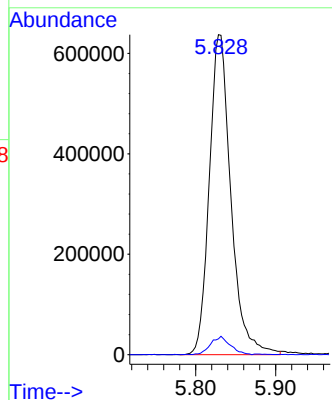
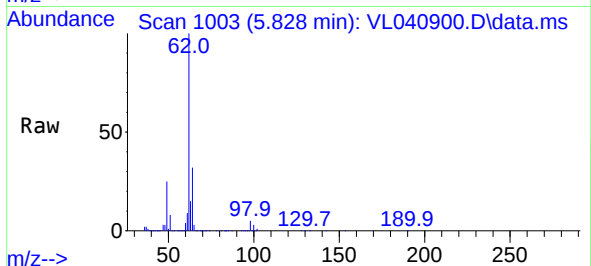
#37
1,2-Dichloroethane
Concen: 11.411 ppbv
RT: 5.828 min Scan# 10
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 119717
Ion Ratio Lower Upper
62 100
98 5.4 4.6 6.8

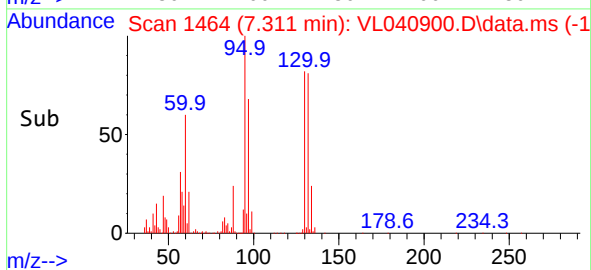
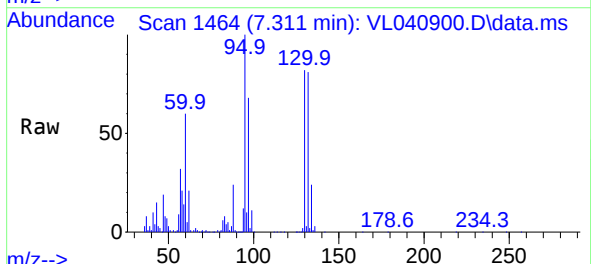
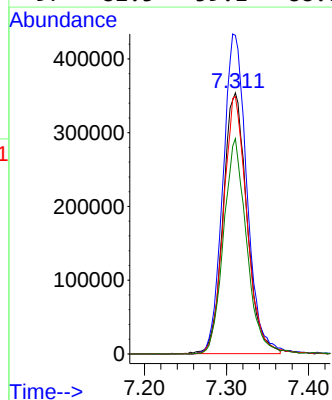
Manual Integrations
APPROVED

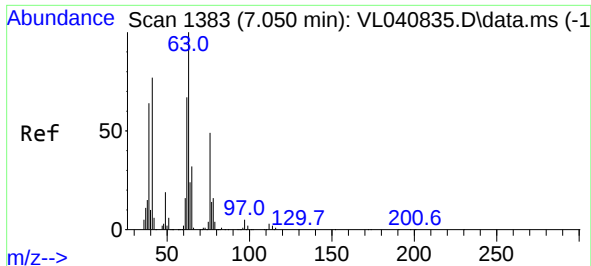
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#38
Trichloroethene
Concen: 10.328 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion:130 Resp: 714160
Ion Ratio Lower Upper
130 100
95 122.1 92.4 138.6
132 98.6 75.1 112.7
97 82.5 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.367 ppbv

RT: 7.092 min Scan# 1462

Delta R.T. 0.010 min

Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

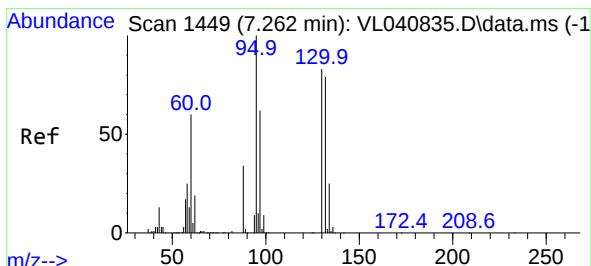
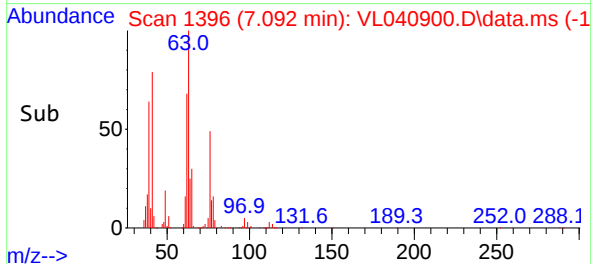
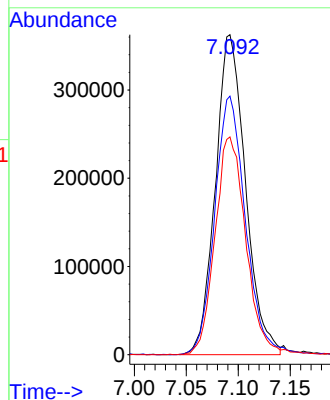
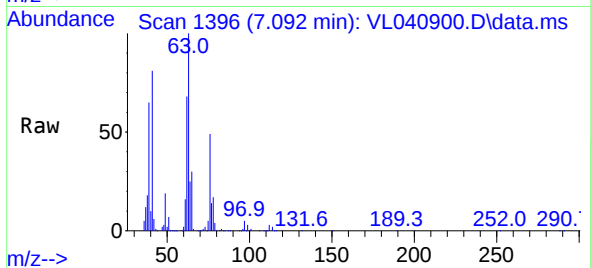
Tgt Ion: 63 Resp: 73121

Ion	Ratio	Lower	Upper
63	100		
41	80.7	61.5	92.3
62	67.9	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#40

1,4-Dioxane

Concen: 10.586 ppbv

RT: 7.304 min Scan# 1462

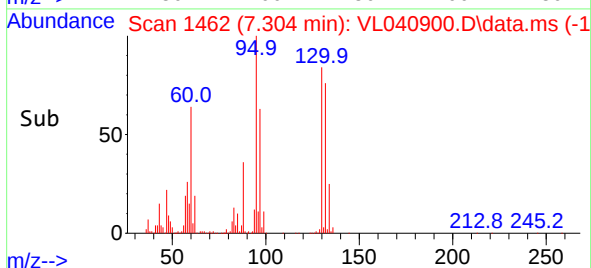
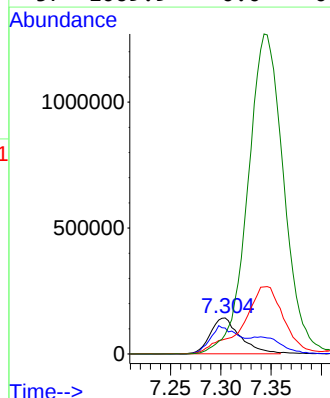
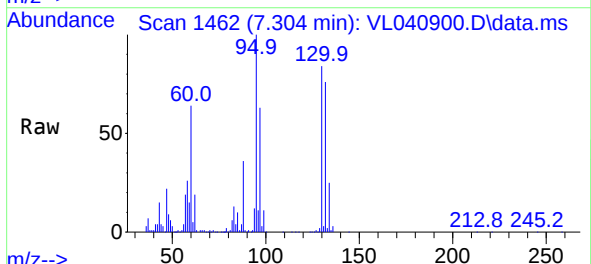
Delta R.T. 0.013 min

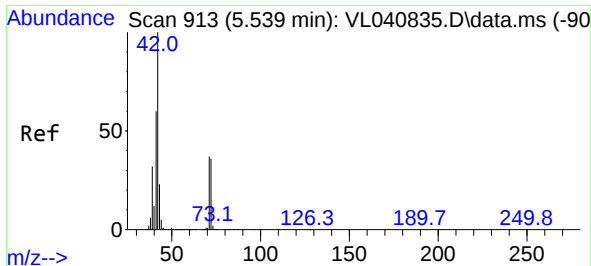
Lab File: VL040900.D

Acq: 17 Nov 2023 18:25

Tgt Ion: 88 Resp: 296255

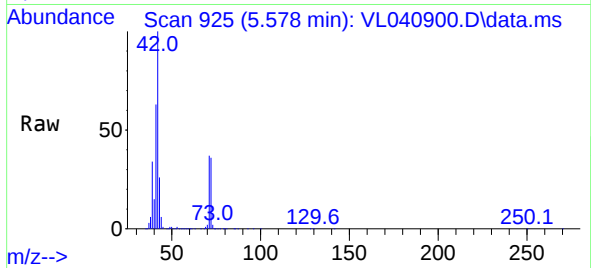
Ion	Ratio	Lower	Upper
88	100		
58	124.2	101.0	151.6
43	257.0	0.0	0.0#
57	1069.9	0.0	0.0#





#41
Tetrahydrofuran
Concen: 11.301 ppbv
RT: 5.578 min Scan# 913
Delta R.T. 0.003 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

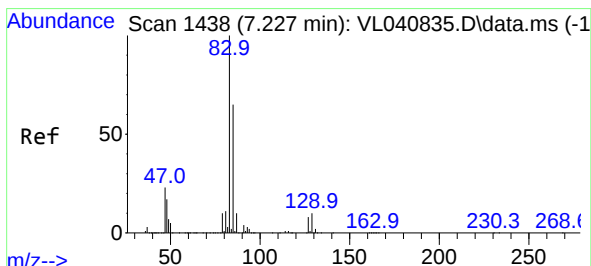
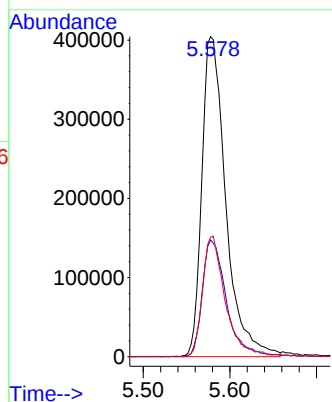
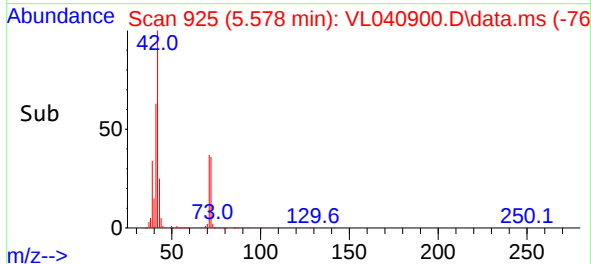
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



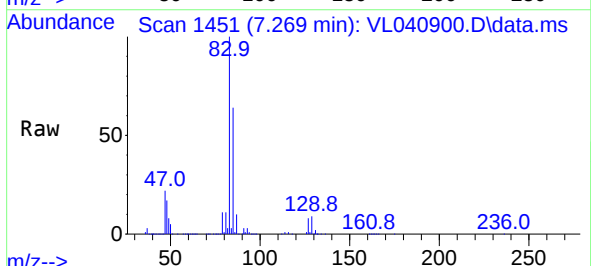
Tgt Ion: 42 Resp: 776923
Ion Ratio Lower Upper
42 100
72 36.9 30.8 46.2
71 36.2 30.0 45.0

Manual Integrations
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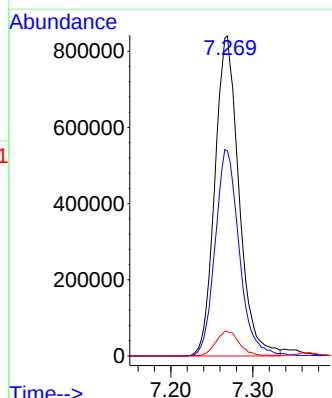
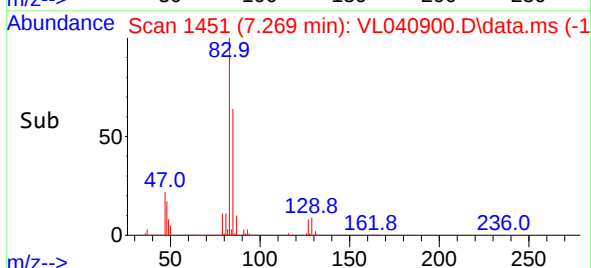
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

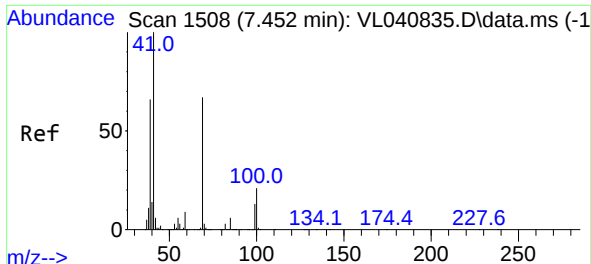


#42
Bromodichloromethane
Concen: 11.425 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



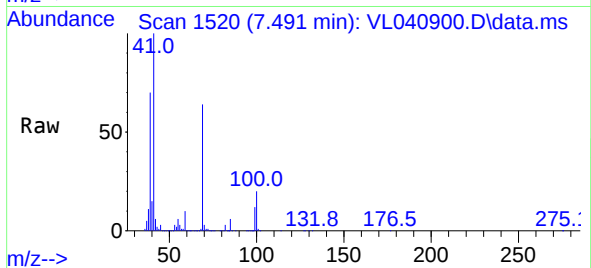
Tgt Ion: 83 Resp: 1715366
Ion Ratio Lower Upper
83 100
85 64.1 52.3 78.5
127 7.6 6.6 10.0





#43
Methyl Methacrylate
Concen: 11.524 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

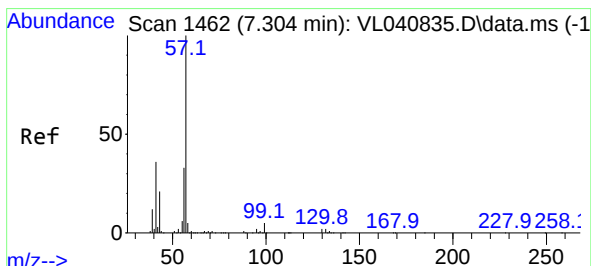
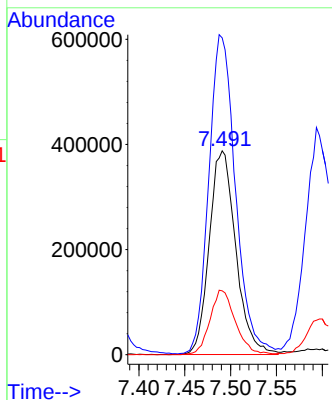
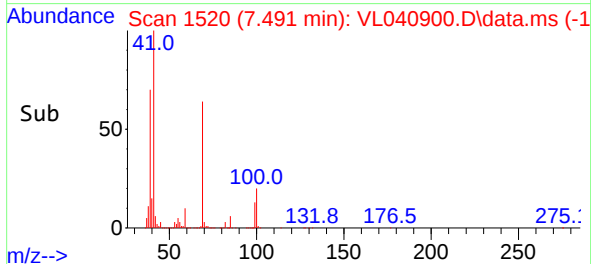
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



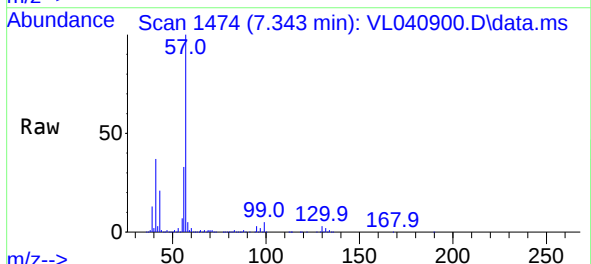
Tgt Ion: 69 Resp: 781220
Ion Ratio Lower Upper
69 100
41 157.4 123.0 184.4
100 30.3 25.4 38.2

Manual Integrations
APPROVED

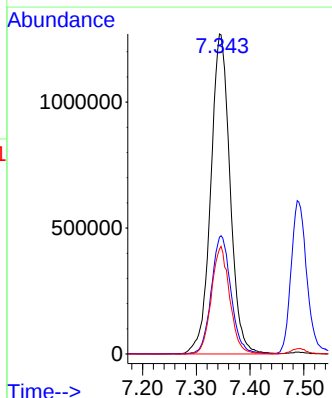
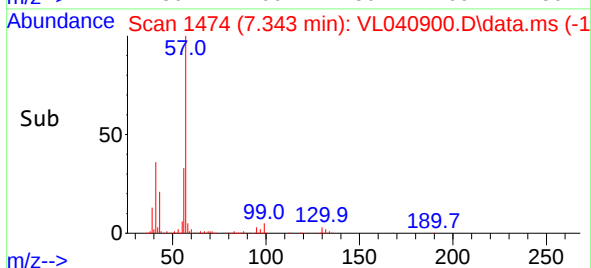
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

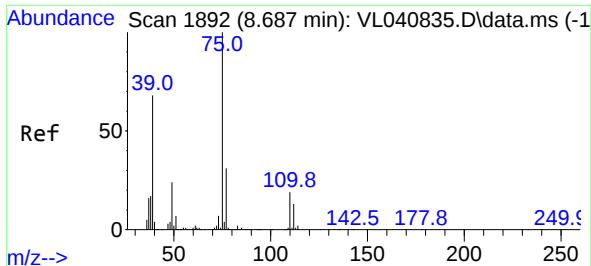


#44
2,2,4-Trimethylpentane
Concen: 10.724 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



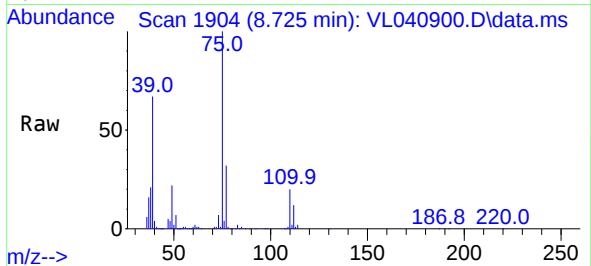
Tgt Ion: 57 Resp: 3168850
Ion Ratio Lower Upper
57 100
41 37.3 29.0 43.6
56 31.9 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 12.559 ppbv
RT: 8.725 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

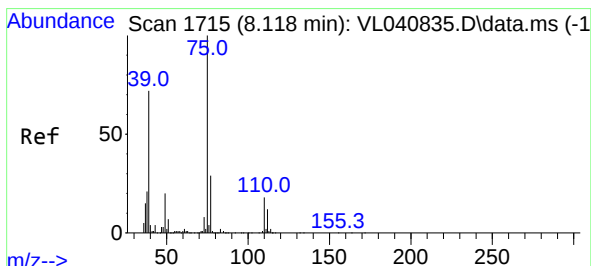
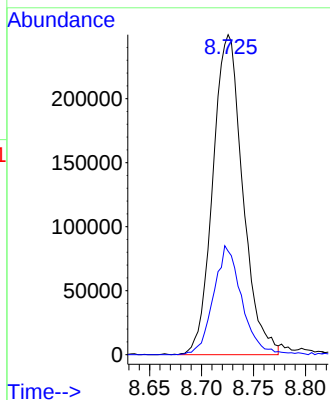
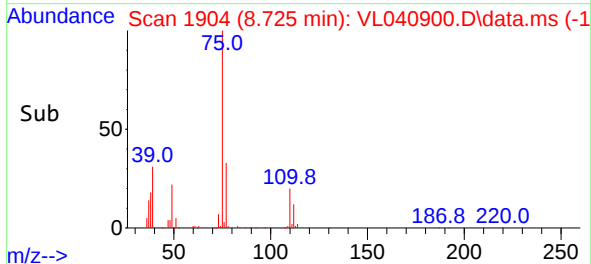
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



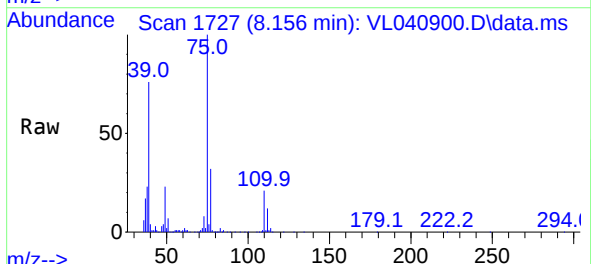
Tgt Ion: 75 Resp: 500285
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3

Manual Integrations
APPROVED

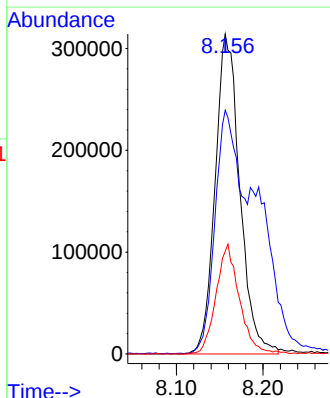
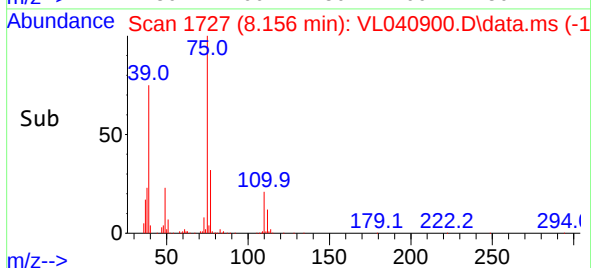
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

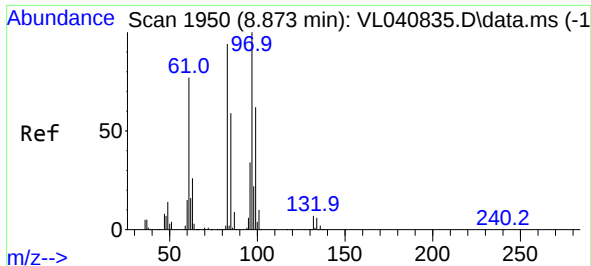


#46
cis-1,3-Dichloropropene
Concen: 12.042 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion: 75 Resp: 621966
Ion Ratio Lower Upper
75 100
39 75.9 57.3 85.9
77 32.1 23.0 34.6





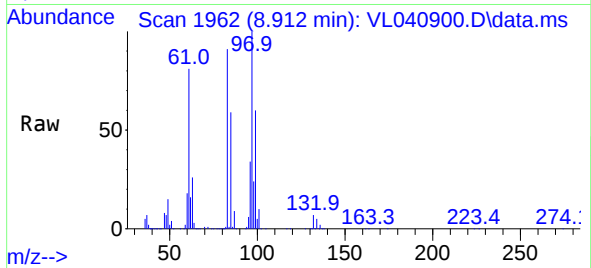
#47
1,1,2-Trichloroethane
Concen: 10.644 ppbv
RT: 8.912 min Scan# 1950
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

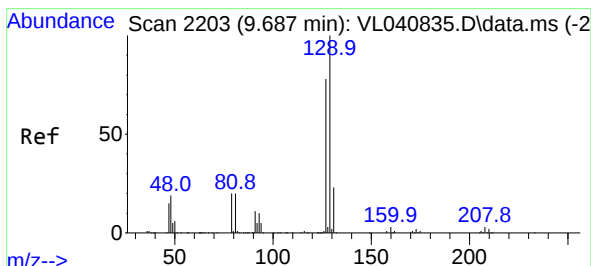
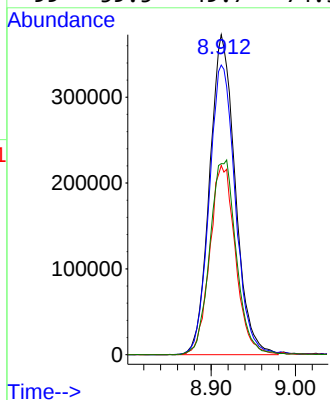
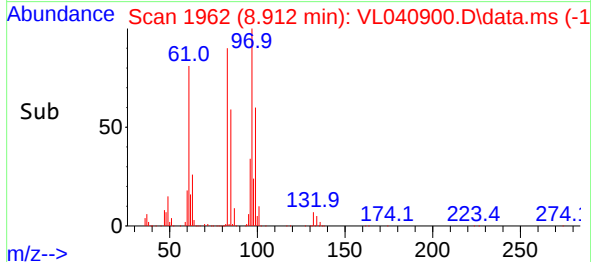


Tgt Ion: 97 Resp: 786702
Ion Ratio Lower Upper
97 100
83 90.4 74.8 112.2
85 59.0 47.4 71.0
99 59.5 49.7 74.5

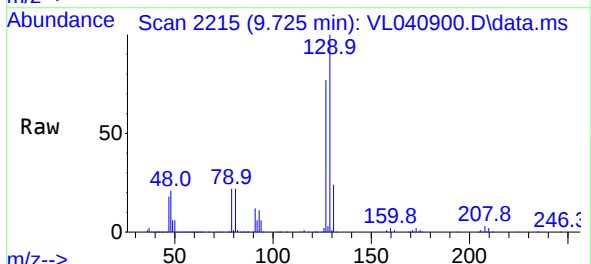
Manual Integrations

APPROVED

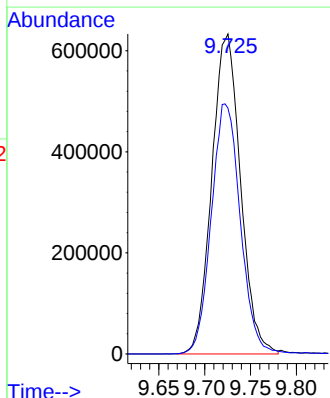
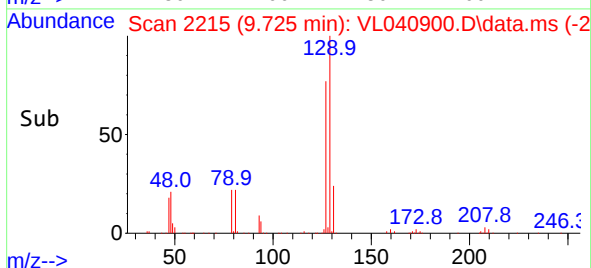
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

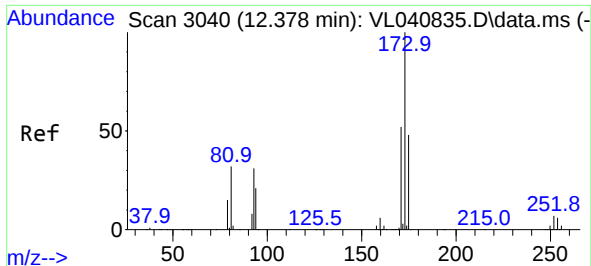


#48
Dibromochloromethane
Concen: 11.242 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



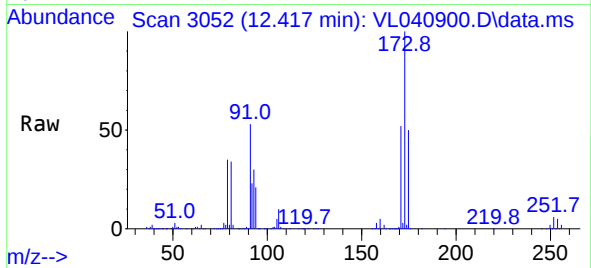
Tgt Ion:129 Resp: 1378699
Ion Ratio Lower Upper
129 100
127 79.3 39.3 117.9





#49
Bromoform
Concen: 12.237 ppbv
RT: 12.417 min Scan# 3040
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

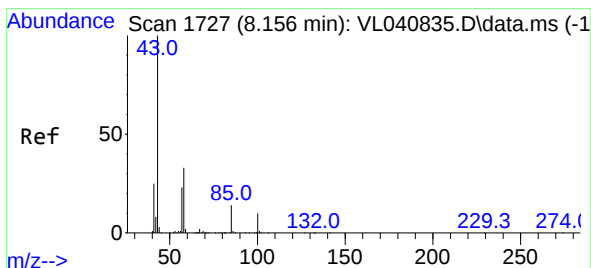
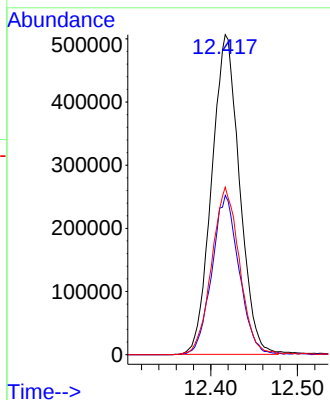
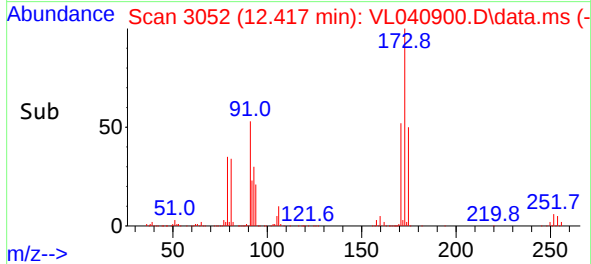
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



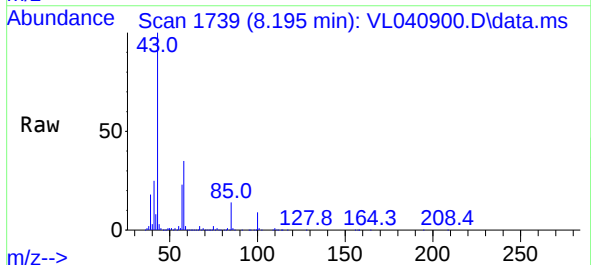
Tgt Ion: 173 Resp: 1128749
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
171 52.8 41.8 62.6

Manual Integrations
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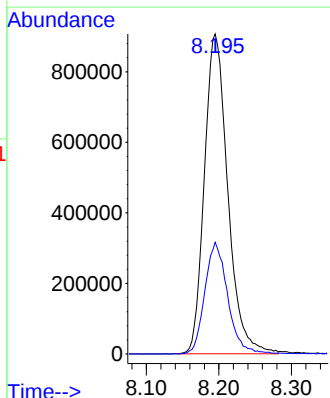
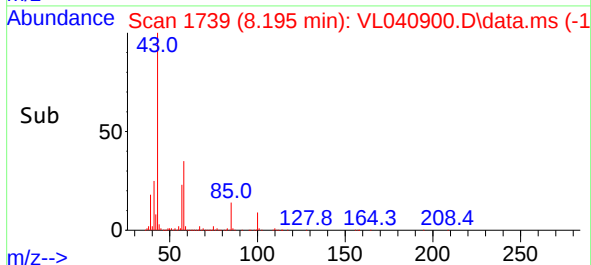
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

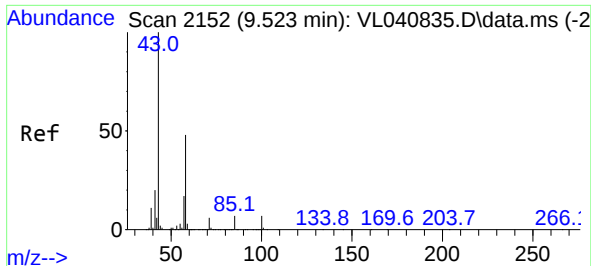


#50
4-Methyl-2-Pentanone
Concen: 11.775 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



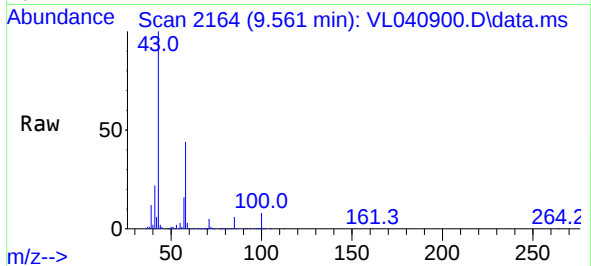
Tgt Ion: 43 Resp: 2034729
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.6





#51
2-Hexanone
Concen: 11.854 ppbv
RT: 9.561 min Scan# 2152
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

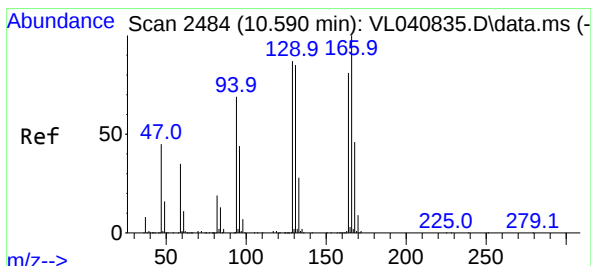
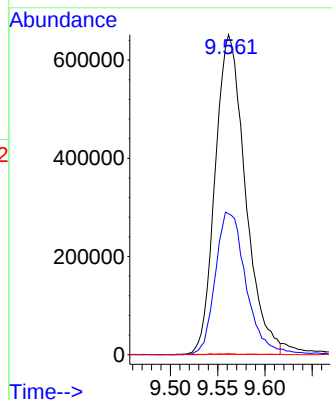
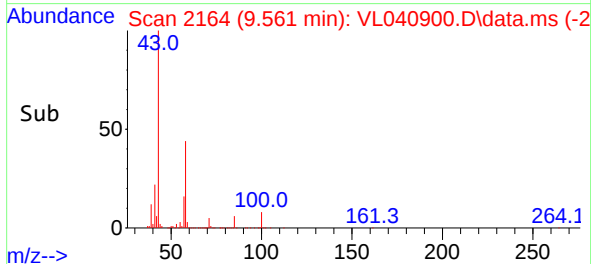
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



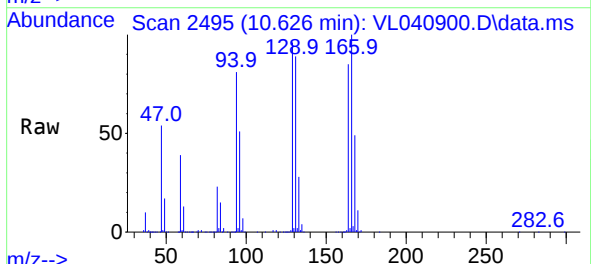
Tgt Ion: 43 Resp: 144392
Ion Ratio Lower Upper
43 100
58 46.1 37.4 56.2
98 0.3 0.2 0.2

Manual Integrations
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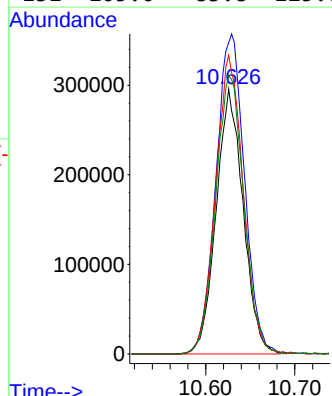
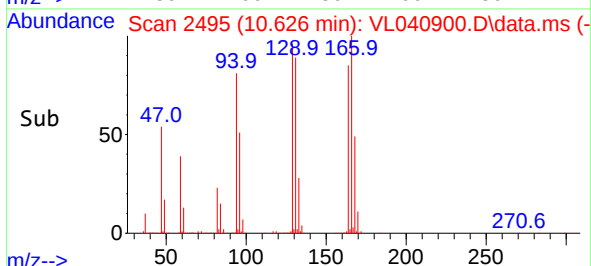
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

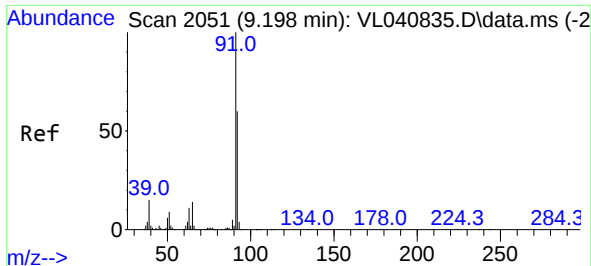


#52
Tetrachloroethene
Concen: 10.383 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion:164 Resp: 621993
Ion Ratio Lower Upper
164 100
166 117.4 98.3 147.5
129 112.8 85.1 127.7
131 105.0 83.8 125.6





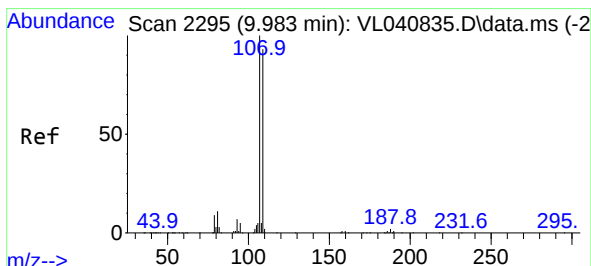
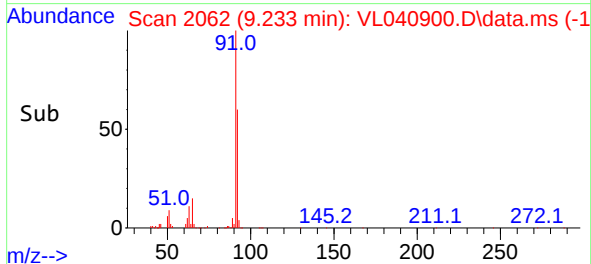
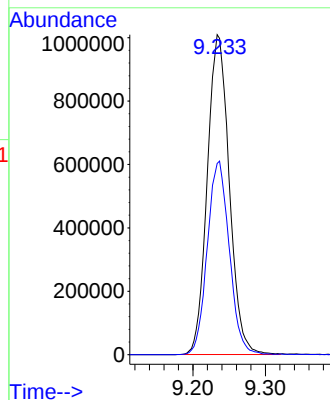
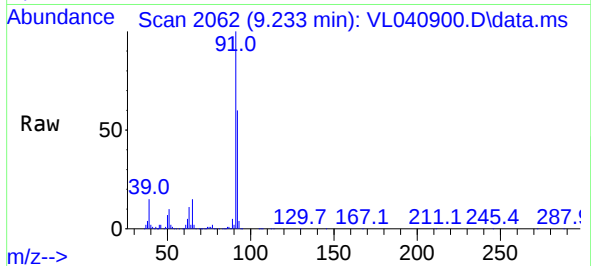
#53
Toluene
Concen: 10.878 ppbv
RT: 9.233 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 212949
Ion Ratio Lower Upper
91 100
92 60.7 49.4 74.2

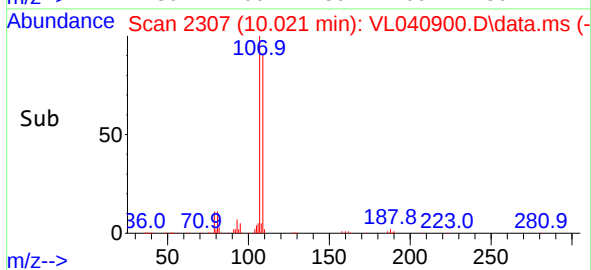
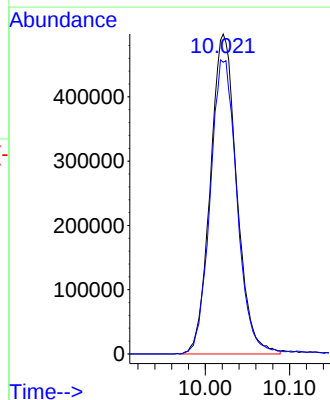
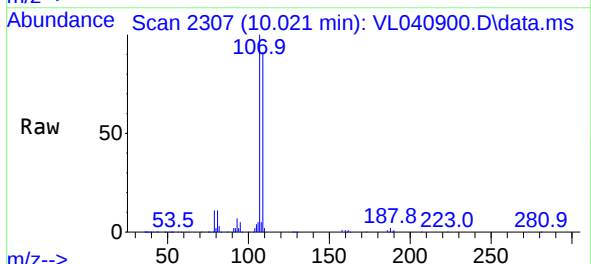
Manual Integrations
APPROVED

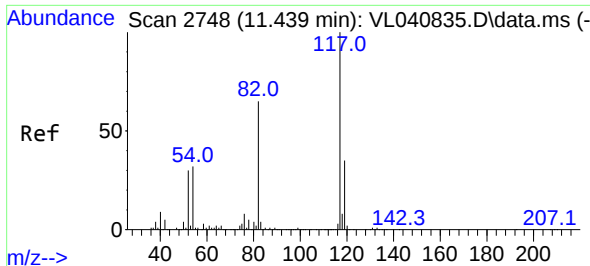
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#54
1,2-Dibromoethane
Concen: 11.395 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

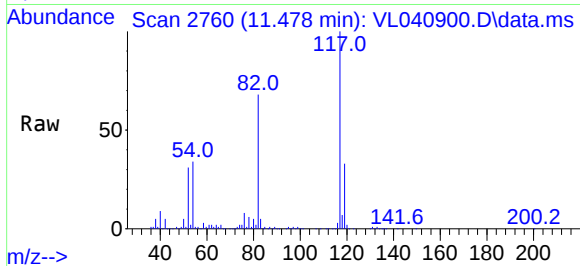
Tgt Ion:107 Resp: 1083793
Ion Ratio Lower Upper
107 100
109 91.1 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.478 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

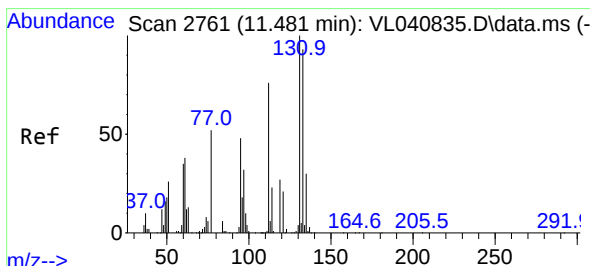
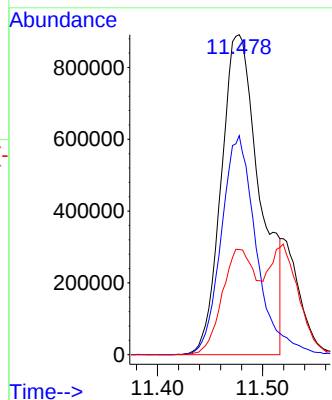
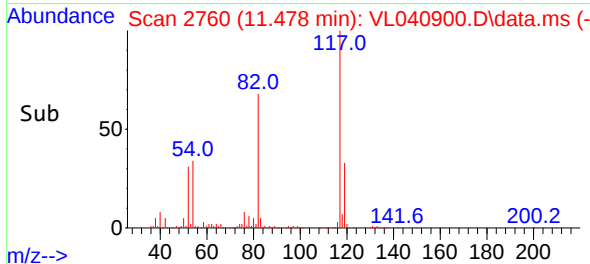
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



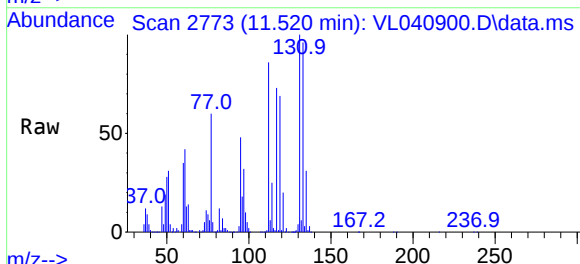
Tgt Ion:117 Resp: 229112
Ion Ratio Lower Upper
117 100
82 62.1 50.6 75.8
119 28.0 23.3 34.9

Manual Integrations
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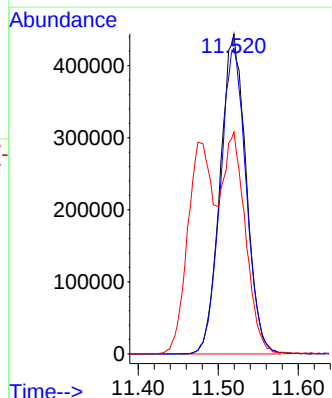
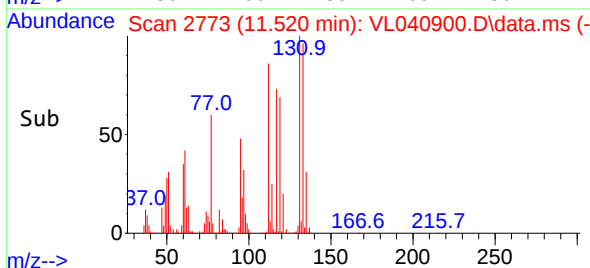
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

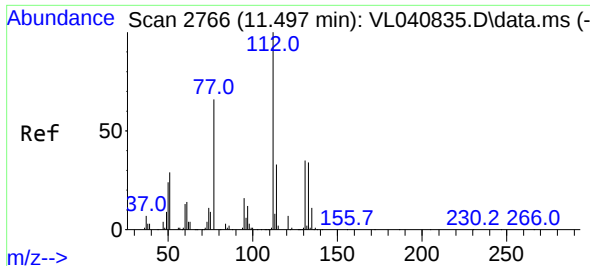


#56
1,1,1,2-Tetrachloroethane
Concen: 10.180 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion:131 Resp: 998178
Ion Ratio Lower Upper
131 100
133 95.8 76.4 114.6
119 68.6 51.1 76.7





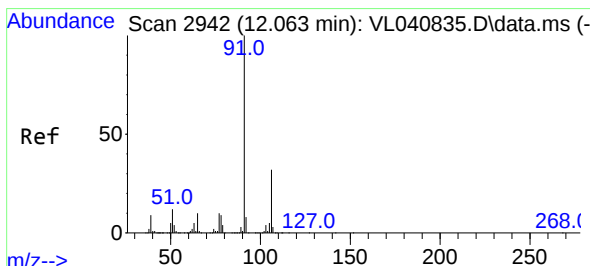
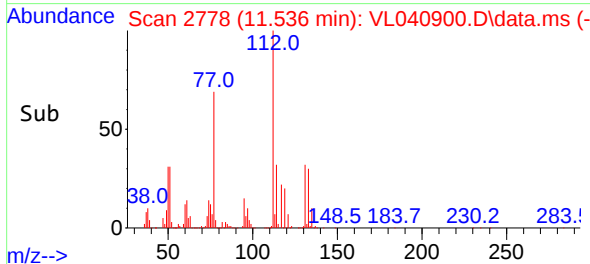
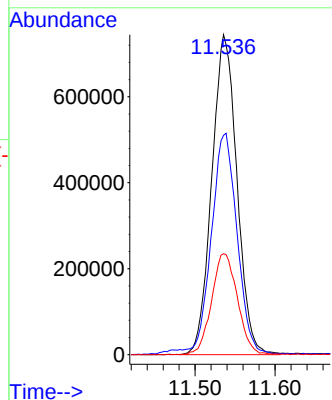
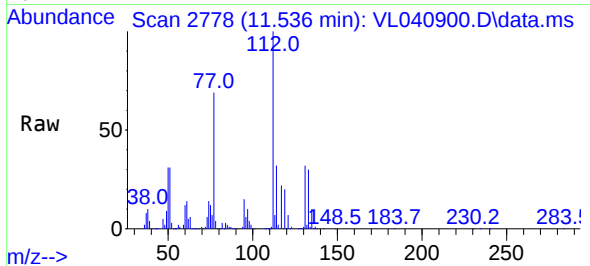
#57
Chlorobenzene
Concen: 9.581 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1627000
Ion Ratio Lower Upper
112 100
77 68.2 53.3 79.9
114 31.5 29.3 35.9

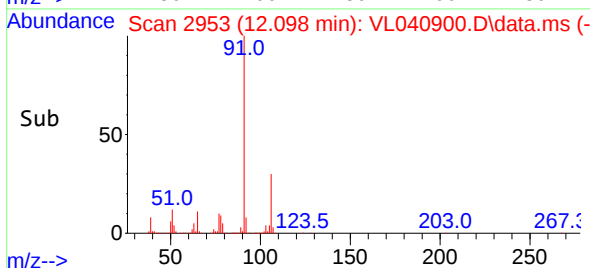
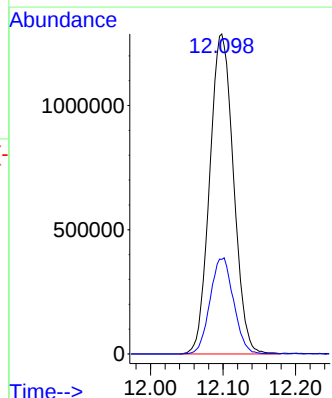
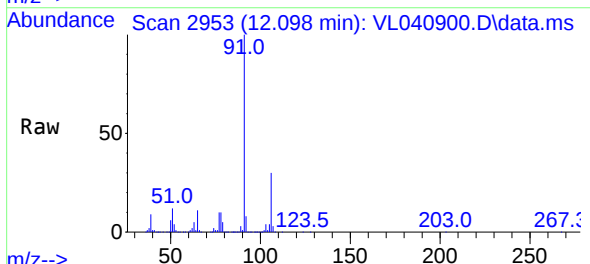
Manual Integrations
APPROVED

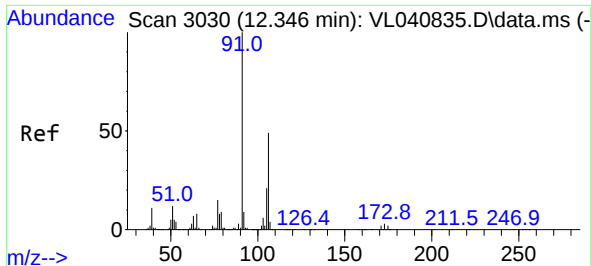
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#58
Ethyl Benzene
Concen: 9.835 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Tgt Ion: 91 Resp: 2939968
Ion Ratio Lower Upper
91 100
106 29.5 25.2 37.8





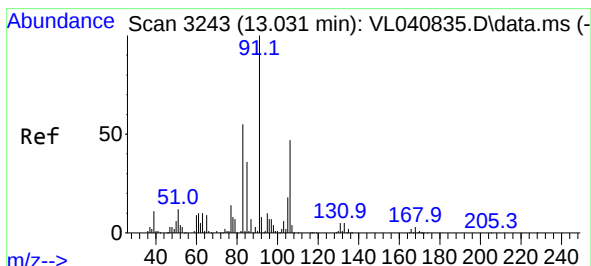
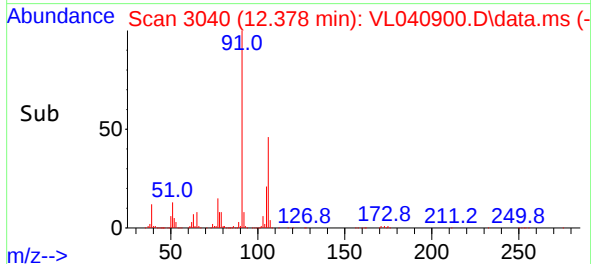
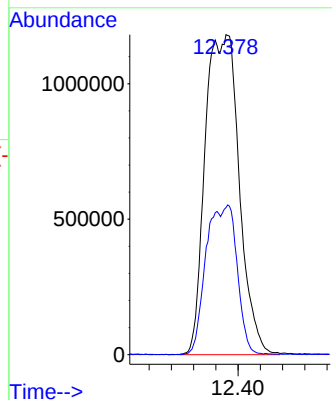
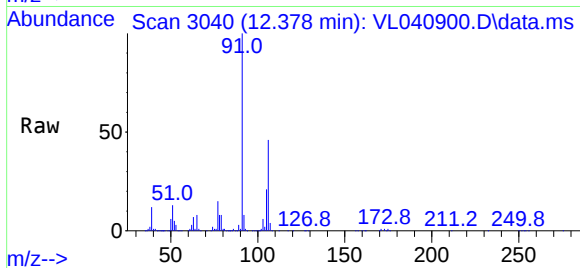
#59
m/p-Xylene
Concen: 19.739 ppbv m
RT: 12.378 min Scan# 3030
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 502473
Ion Ratio Lower Upper
91 100
106 42.6 35.4 53.0

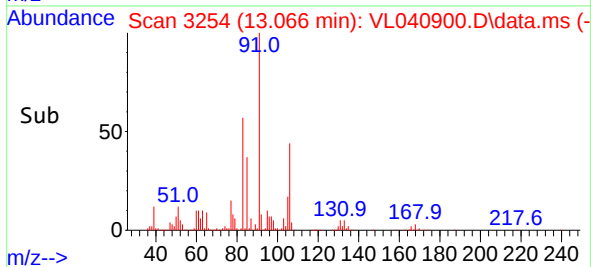
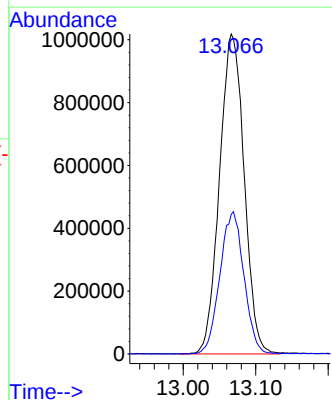
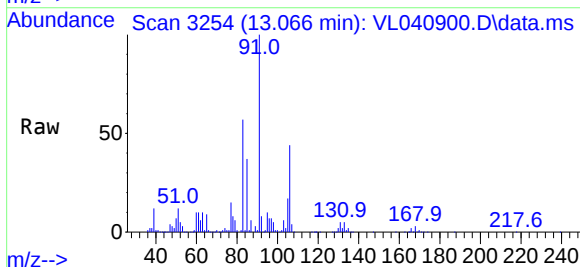
Manual Integrations
APPROVED

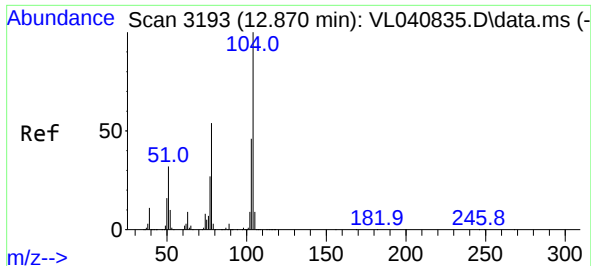
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#60
o-Xylene
Concen: 9.904 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

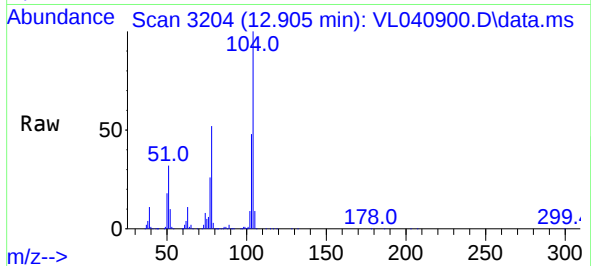
Tgt Ion: 91 Resp: 2400178
Ion Ratio Lower Upper
91 100
106 43.4 22.9 68.5





#61
Styrene
Concen: 10.197 ppbv
RT: 12.905 min Scan# 3193
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

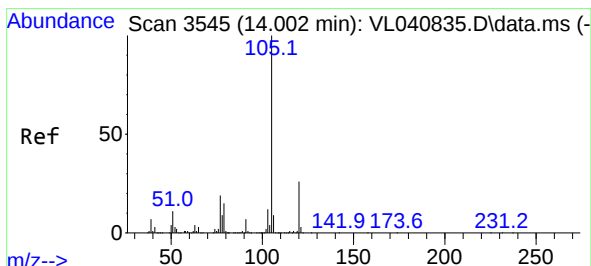
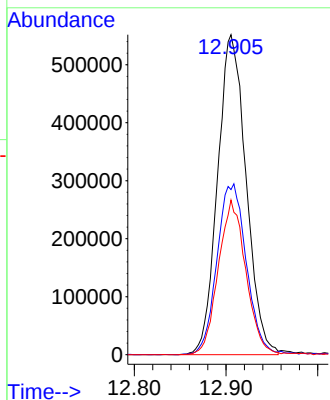
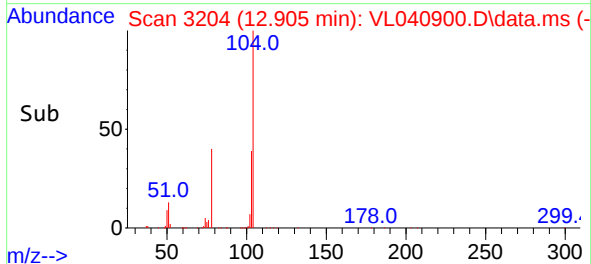
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



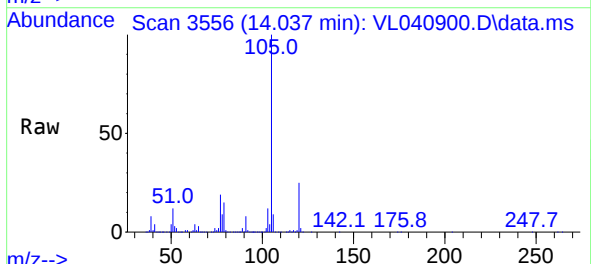
Tgt Ion:104 Resp: 119173
Ion Ratio Lower Upper
104 100
78 55.4 43.3 64.9
103 47.0 37.6 56.4

Manual Integrations
APPROVED

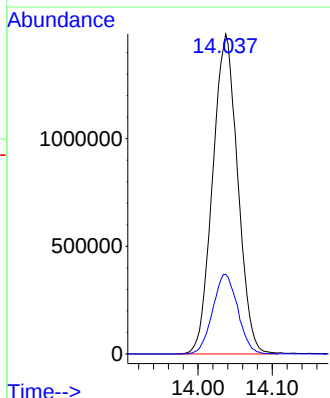
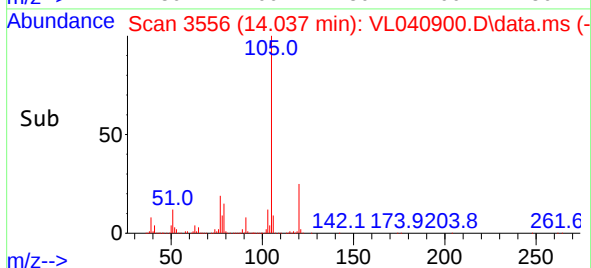
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

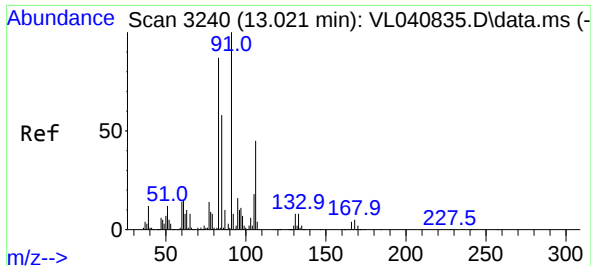


#62
Isopropylbenzene
Concen: 9.736 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



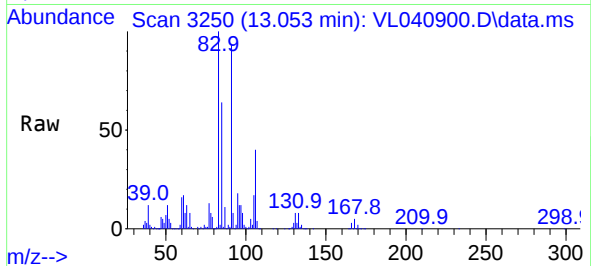
Tgt Ion:105 Resp: 3485704
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 10.149 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

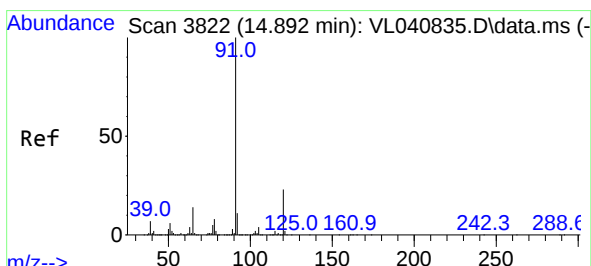
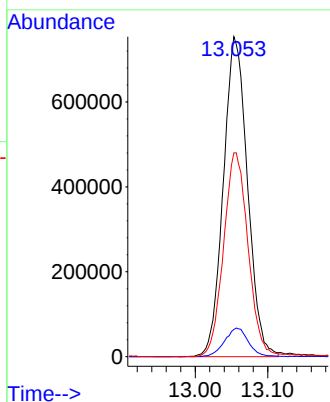
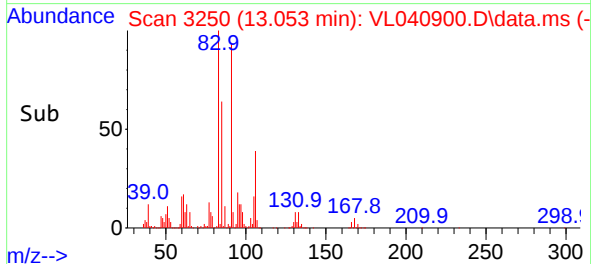
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



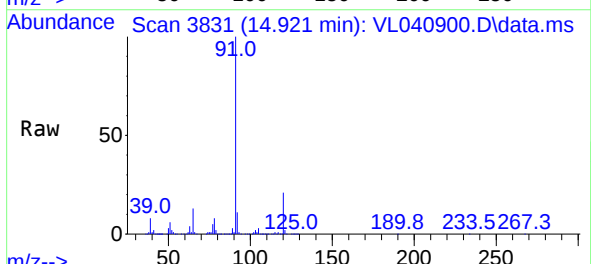
Tgt Ion: 83 Resp: 174322
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 65.3 32.9 98.7

Manual Integrations
APPROVED

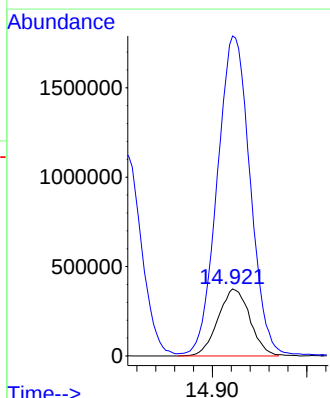
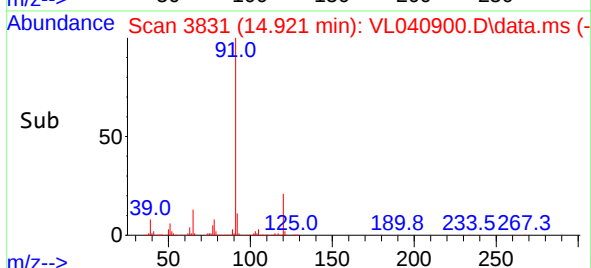
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

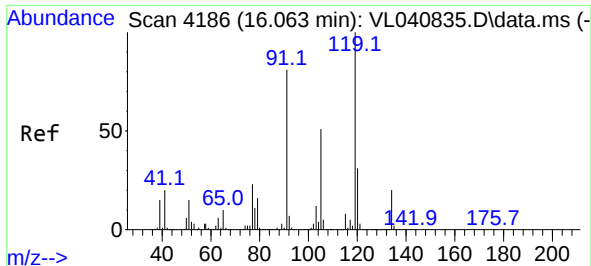


#64
n-propylbenzene
Concen: 9.771 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion:120 Resp: 876768
Ion Ratio Lower Upper
120 100
91 496.1 381.1 571.7





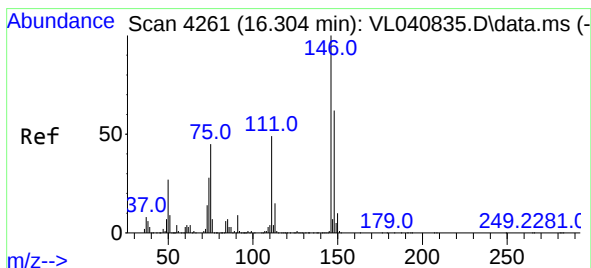
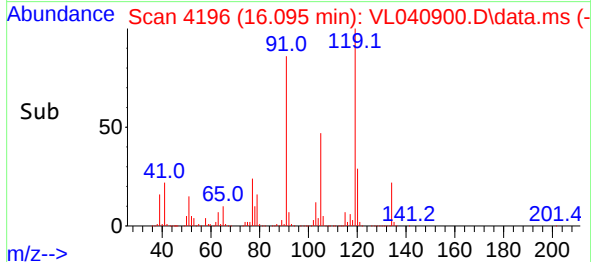
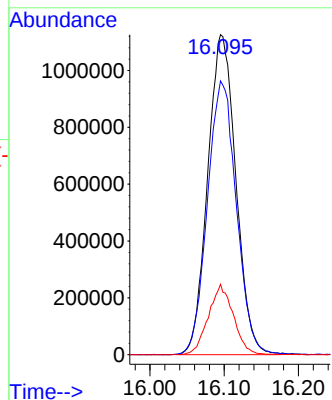
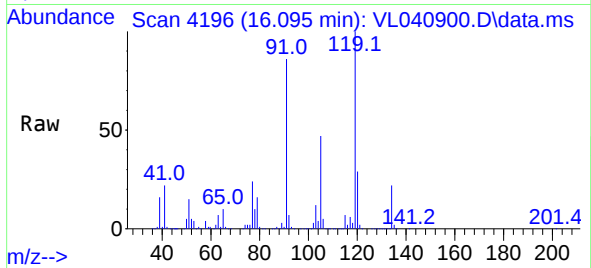
#65
tert-Butylbenzene
Concen: 9.849 ppbv
RT: 16.095 min Scan# 4186
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 297339
Ion Ratio Lower Upper
119 100
91 87.8 67.5 101.3
134 19.5 15.9 23.9

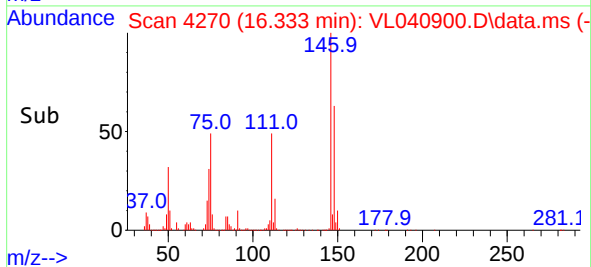
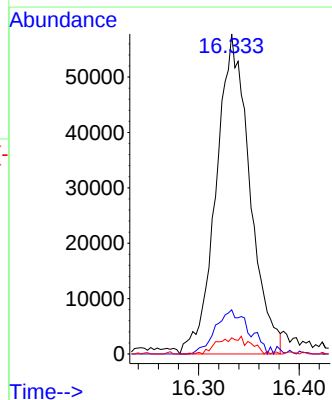
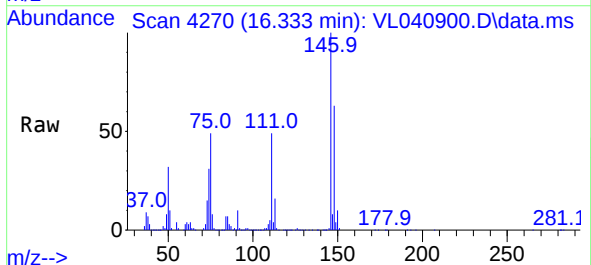
Manual Integrations
APPROVED

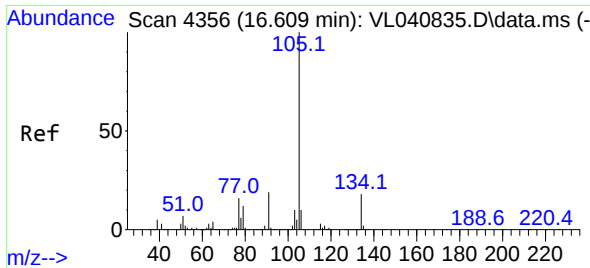
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#66
Benzyl Chloride
Concen: 12.079 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

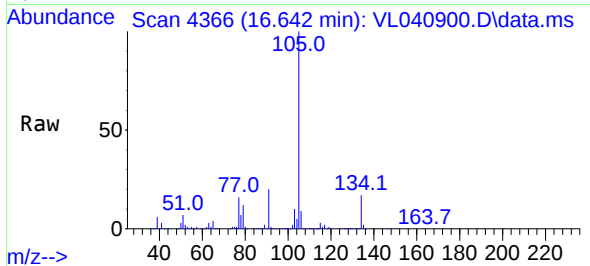
Tgt Ion: 91 Resp: 134368
Ion Ratio Lower Upper
91 100
126 14.2 12.8 19.2
128 5.5 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 9.873 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

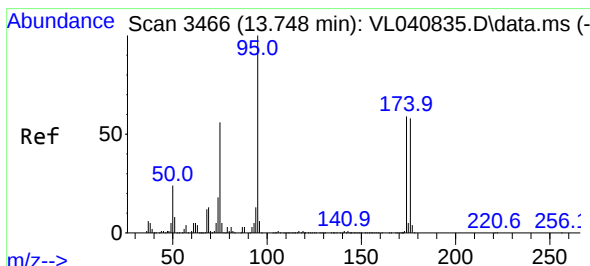
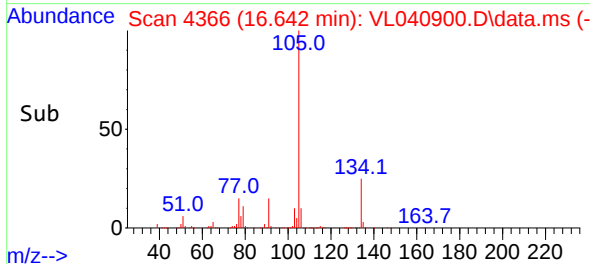
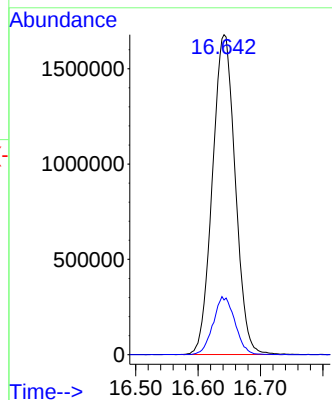
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 4257609
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.3 21.5

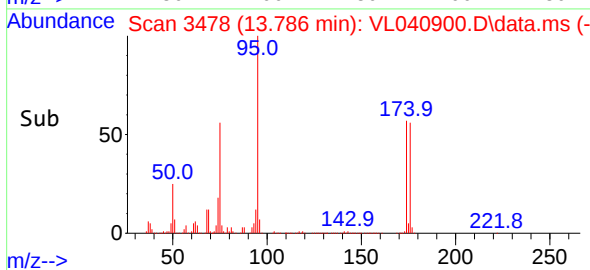
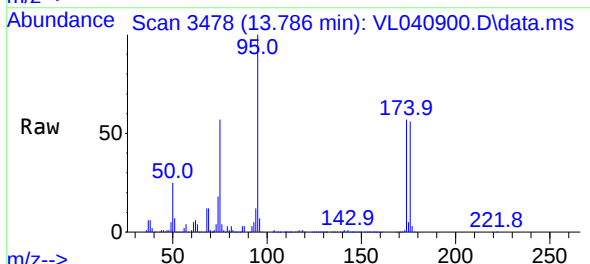
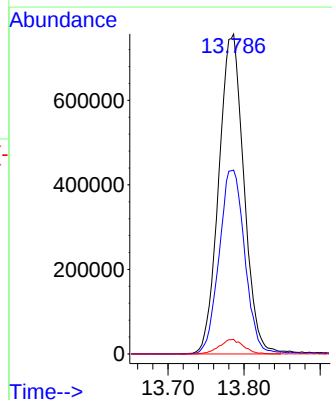
Manual Integrations
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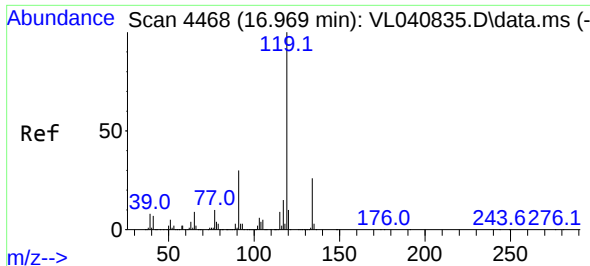
Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.650 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.016 min
 Lab File: VL040900.D
 Acq: 17 Nov 2023 18:25

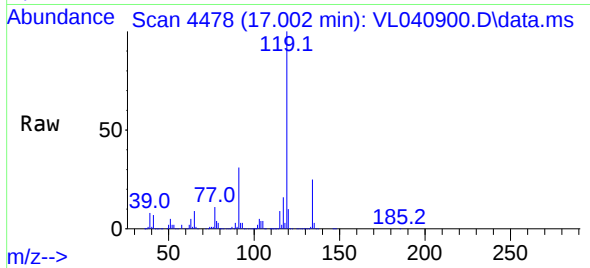
Tgt Ion: 95 Resp: 1731048
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.5 71.3
 175 4.4 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.813 ppbv
RT: 17.002 min Scan# 4468
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

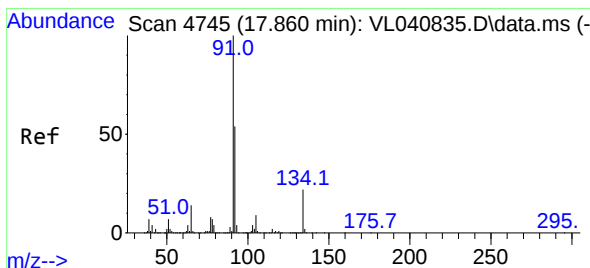
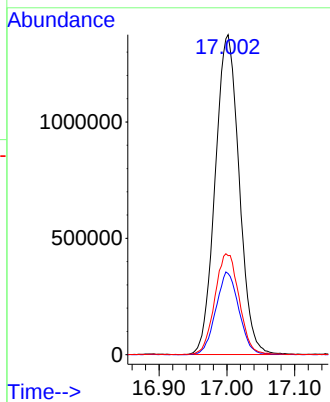
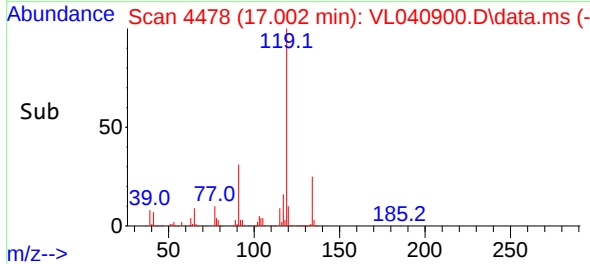
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



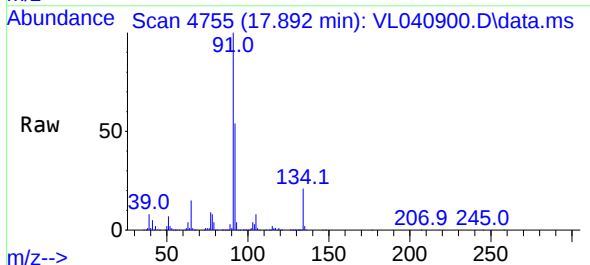
Tgt Ion:119 Resp: 3374414
Ion Ratio Lower Upper
119 100
134 25.0 20.5 30.7
91 32.2 24.7 37.1

Manual Integrations
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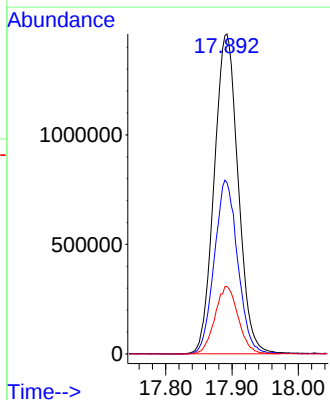
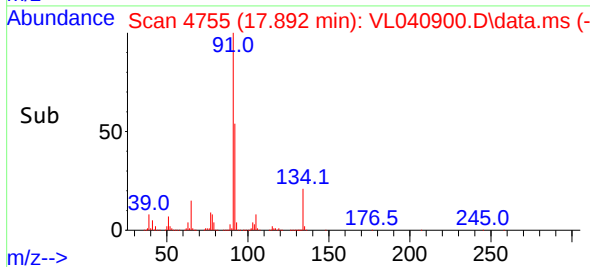
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

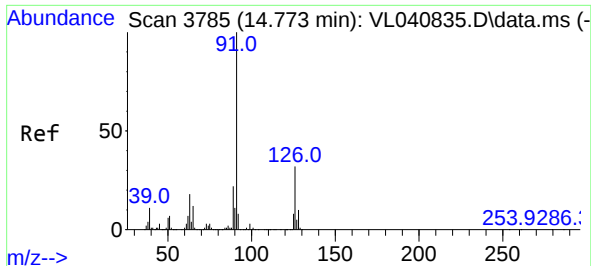


#70
n-Butylbenzene
Concen: 10.080 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



Tgt Ion: 91 Resp: 3660025
Ion Ratio Lower Upper
91 100
92 53.2 43.4 65.2
134 20.6 17.4 26.0





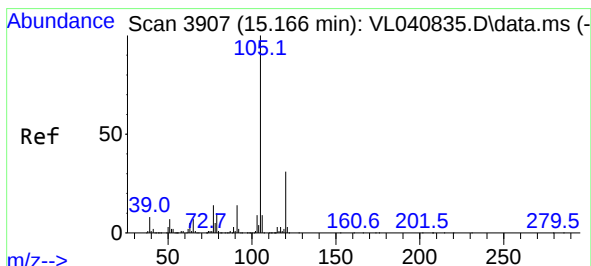
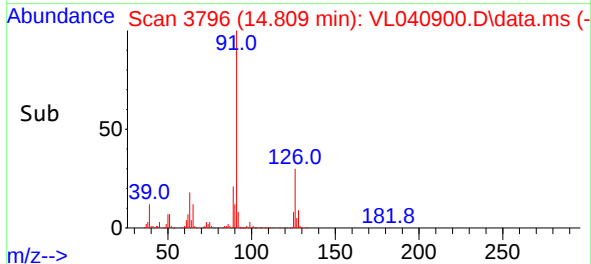
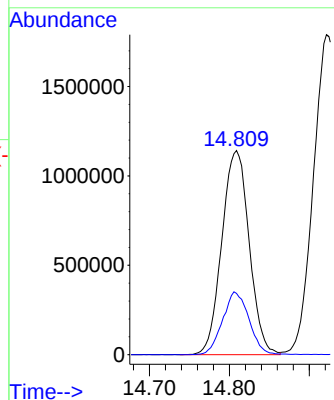
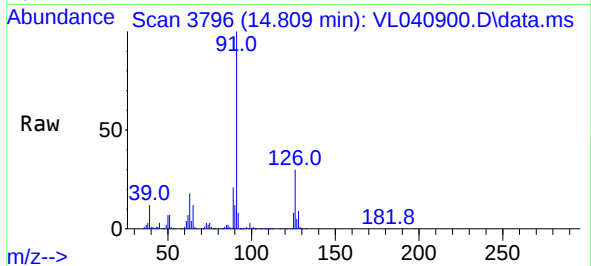
#71
2-Chlorotoluene
Concen: 9.952 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2716100
Ion Ratio Lower Upper
91 100
126 29.7 12.1 48.5

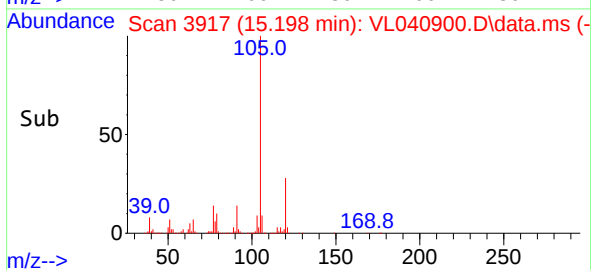
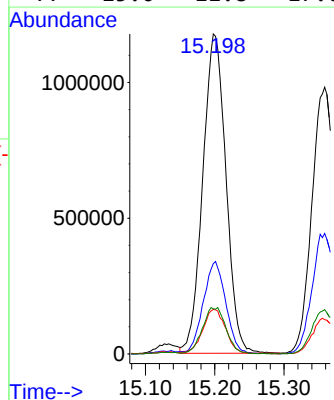
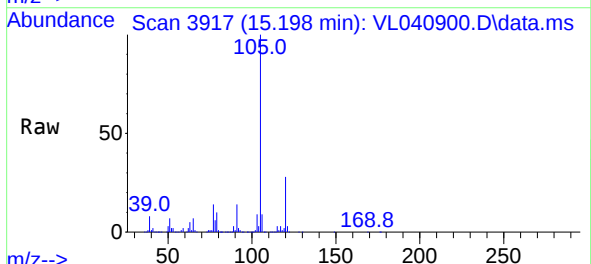
Manual Integrations
APPROVED

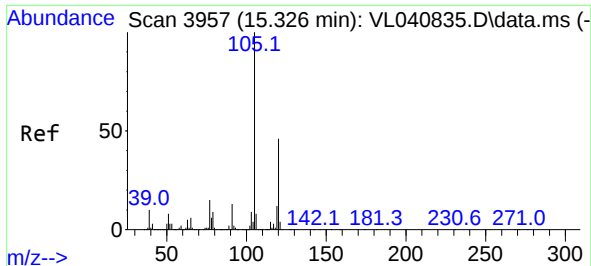
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#72
4-Ethyltoluene
Concen: 10.249 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

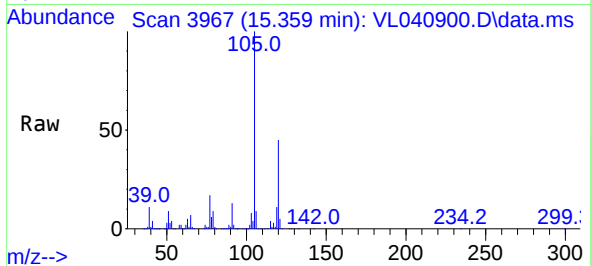
Tgt Ion:105 Resp: 2730301
Ion Ratio Lower Upper
105 100
120 29.4 24.5 36.7
91 13.9 10.6 16.0
77 15.0 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 9.936 ppbv
RT: 15.359 min Scan# 3957
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

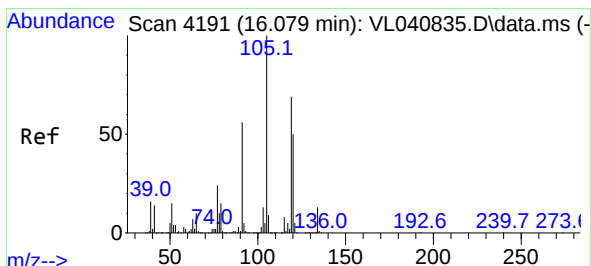
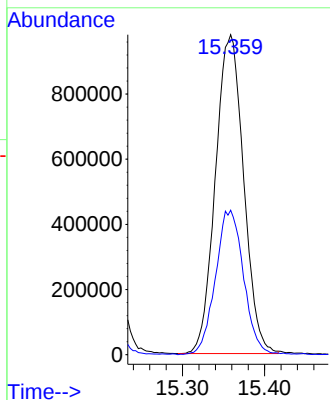
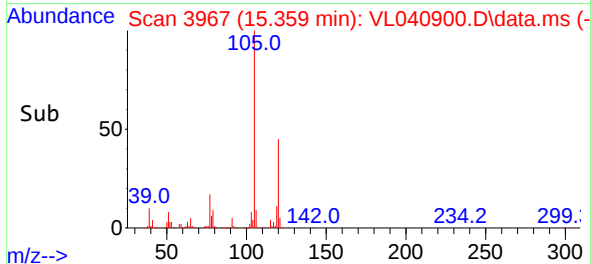
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



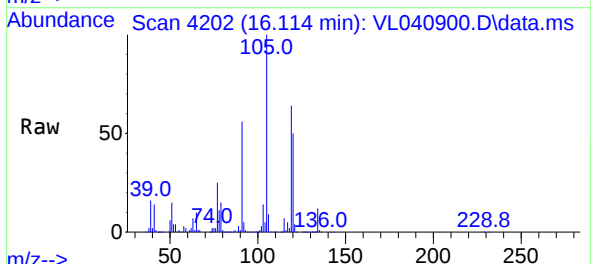
Tgt Ion:105 Resp: 234088
Ion Ratio Lower Upper
105 100
120 45.3 36.8 55.2

Manual Integrations
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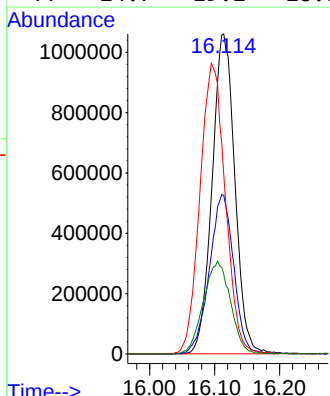
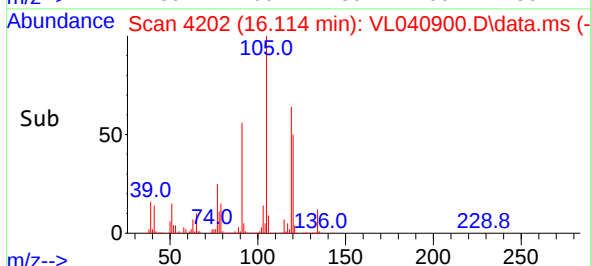
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

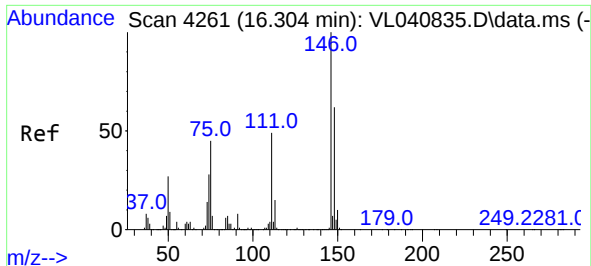


#74
1,2,4-Trimethylbenzene
Concen: 9.787 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



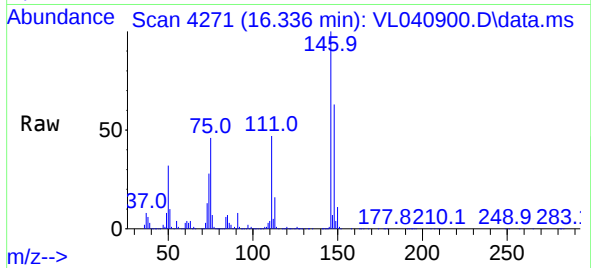
Tgt Ion:105 Resp: 2573286
Ion Ratio Lower Upper
105 100
120 49.4 40.2 60.2
91 55.7 45.7 68.5
77 24.7 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.915 ppbv
RT: 16.336 min Scan# 4316
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

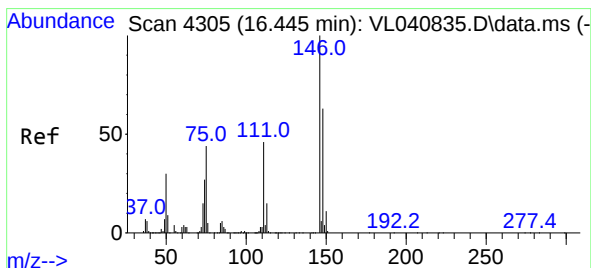
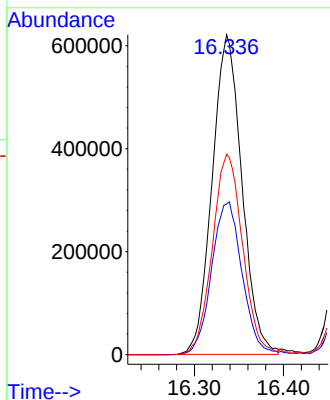
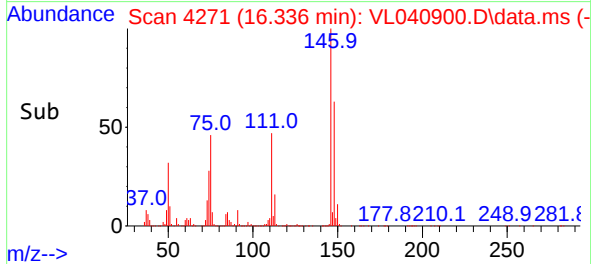
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



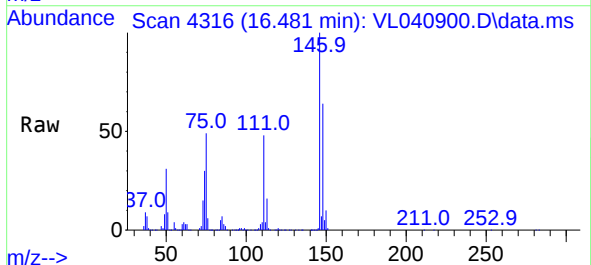
Tgt Ion:146 Resp: 1439408
Ion Ratio Lower Upper
146 100
111 49.4 24.9 74.8
148 64.5 32.1 96.5

Manual Integrations
APPROVED

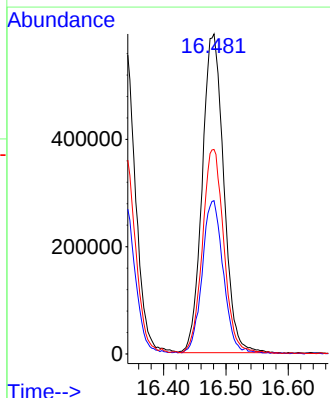
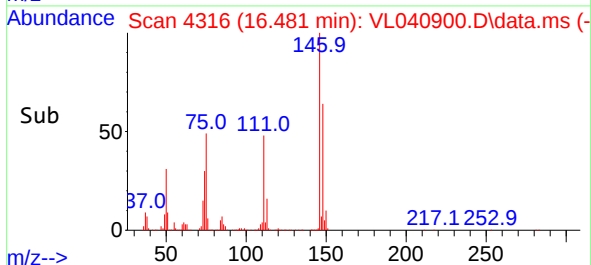
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

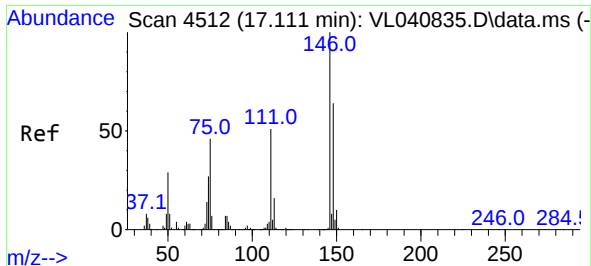


#76
1,4-Dichlorobenzene
Concen: 10.269 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.016 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



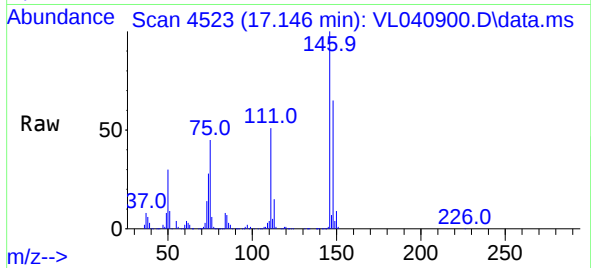
Tgt Ion:146 Resp: 1427316
Ion Ratio Lower Upper
146 100
111 47.7 24.1 72.4
148 64.6 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.815 ppbv
RT: 17.146 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

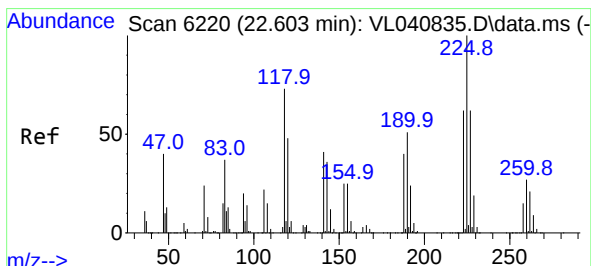
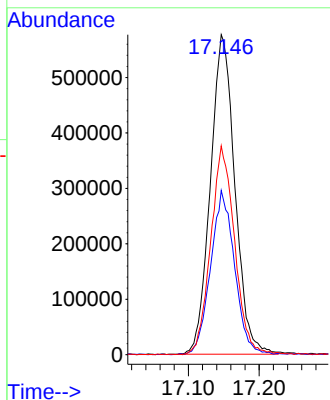
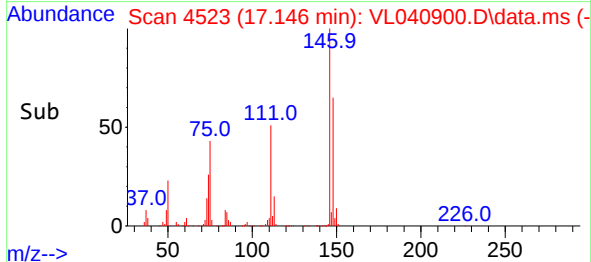
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



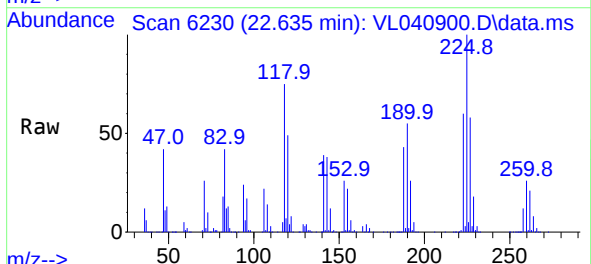
Tgt Ion:146 Resp: 138543
Ion Ratio Lower Upper
146 100
111 50.6 25.7 77.1
148 64.3 32.3 96.9

Manual Integrations
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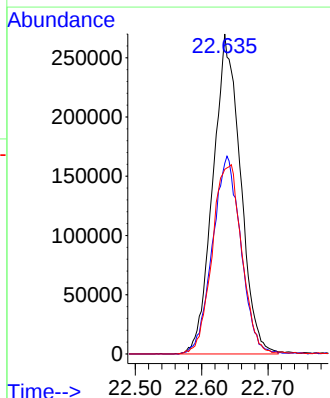
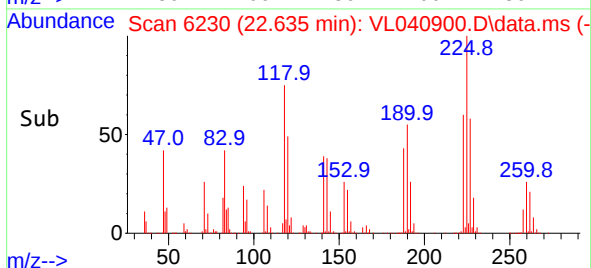
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

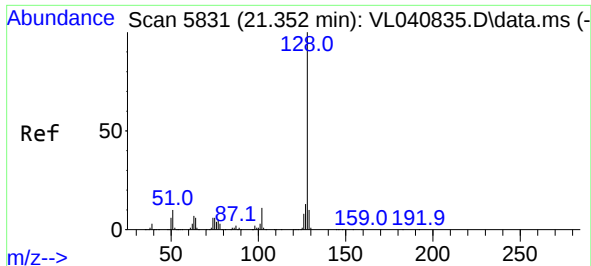


#78
Hexachloro-1,3-Butadiene
Concen: 8.783 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.010 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



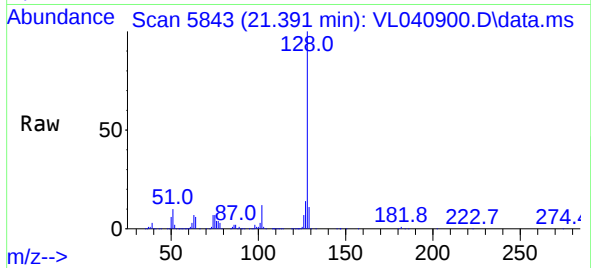
Tgt Ion:225 Resp: 776283
Ion Ratio Lower Upper
225 100
223 64.0 51.1 76.7
227 64.1 50.8 76.2





#79
Naphthalene
Concen: 12.517 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. 0.013 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

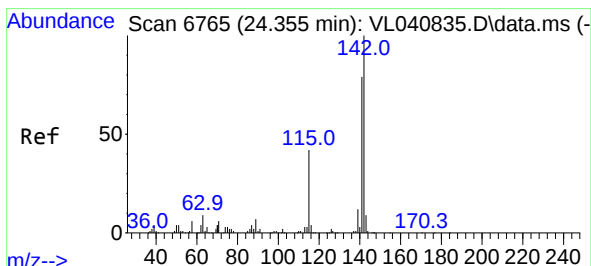
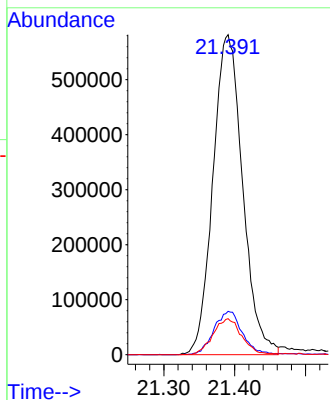
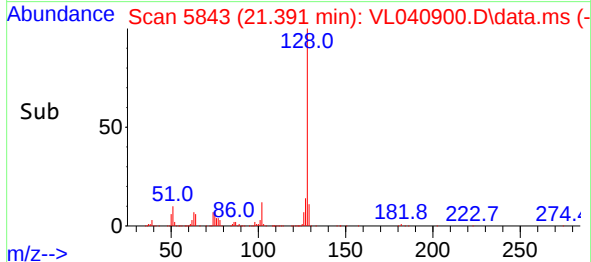
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



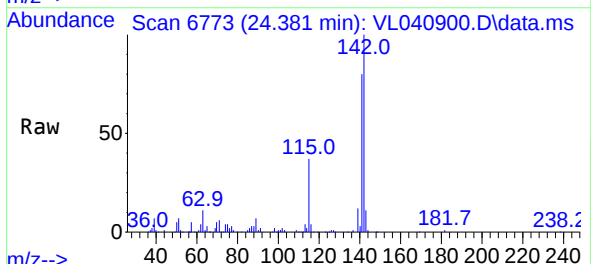
Tgt Ion:128 Resp: 1691529
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.3 8.3 12.5

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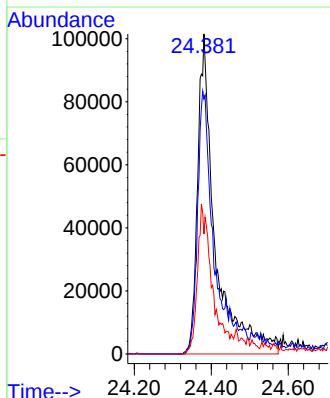
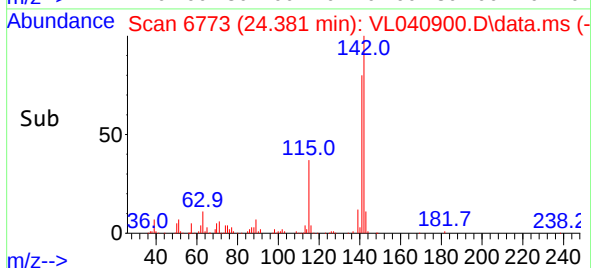
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

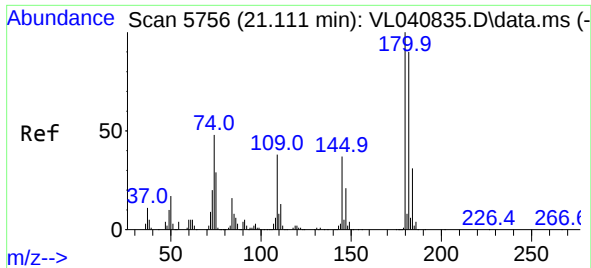


#80
Naphthalene,2-methyl-
Concen: 13.530 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.006 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25



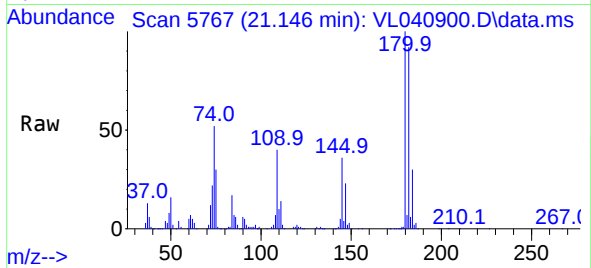
Tgt Ion:142 Resp: 322741
Ion Ratio Lower Upper
142 100
141 84.3 65.8 98.8
115 39.8 35.6 53.4





#81
1,2,4-Trichlorobenzene
Concen: 10.444 ppbv
RT: 21.146 min Scan# 51
Delta R.T. 0.019 min
Lab File: VL040900.D
Acq: 17 Nov 2023 18:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 858020
Ion Ratio Lower Upper
180 100
182 97.4 77.6 116.4
184 30.8 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

