

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040846.D
 Acq On : 14 Nov 2023 11:37
 Operator : SY/MD
 Sample : VL1114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1114ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 12:07:03 2023

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

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

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1113765	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.642	114	2823905	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2748604m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2117976 9.842 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	2070877	9.172	ppbv	98
3) Chlorodifluoromethane	2.690	51	1650087	9.279	ppbv	100
4) Chloromethane	2.829	50	601903	9.413	ppbv	99
5) Vinyl Chloride	2.935	62	622793	9.793	ppbv	99
6) Bromomethane	3.131	94	234672	9.667	ppbv	96
7) Chloroethane	3.208	64	205091	9.313	ppbv	92
8) Dichlorotetrafluoroethane	2.870	85	1523063	9.342	ppbv	99
9) Propene	2.710	41	555196	9.264	ppbv	98
10) Heptane	7.565	43	1407733	9.549	ppbv	100
11) Trichlorofluoromethane	3.568	101	1633835	9.418	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.067	101	1143222	9.276	ppbv	99
13) Ethanol	3.253	45	99828	8.579	ppbv #	100
14) Bromoethene	3.375	108	479963	9.682	ppbv	98
15) Acetone	3.475	43	1063176	8.963	ppbv	100
16) 1,3-Butadiene	2.999	39	617141	10.284	ppbv	99
17) tert-Butyl alcohol	3.883	59	976274	9.624	ppbv	99
18) 1,1-Dichloroethene	3.883	96	502620	9.150	ppbv	96
19) Isopropyl Alcohol	3.581	45	701331	9.824	ppbv	99
20) Methylene Chloride	3.938	84	419649	8.572	ppbv	95
21) Allyl Chloride	3.999	41	729532	9.610	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	547184	8.777	ppbv	96
23) Vinyl Acetate	4.626	43	1364944	8.911	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1088878	7.976	ppbv	99
25) Ethyl Acetate	5.198	43	2364011	9.625	ppbv	99
26) Hexane	5.205	57	1029411	9.470	ppbv	99
27) Carbon Disulfide	4.124	76	1349976	9.793	ppbv	100
28) Methyl tert-Butyl Ether	4.584	73	793416	8.071	ppbv	98
29) Chloroform	5.269	83	1716071	9.314	ppbv	95
30) Cyclohexane	6.587	84	892505	9.544	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1083240	10.070	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1727540	10.050	ppbv	99
34) 2-Butanone	4.780	43	1456957	10.128	ppbv	100
35) Carbon Tetrachloride	6.481	117	1843179	10.638	ppbv	99
36) Benzene	6.359	78	2198439	9.592	ppbv	99
37) 1,2-Dichloroethane	5.800	62	1350347	9.990	ppbv	100
38) Trichloroethene	7.275	130	834793	9.371	ppbv	99
39) 1,2-Dichloropropane	7.060	63	860747	9.472	ppbv	98
40) 1,4-Dioxane	7.269	88	330050	9.154	ppbv #	100
41) Tetrahydrofuran	5.549	42	898919	10.149	ppbv	99
42) Bromodichloromethane	7.234	83	1941335	10.036	ppbv	99
43) Methyl Methacrylate	7.455	69	908841	10.406	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	3636415	9.552	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	585141	11.401	ppbv	100

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Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 12:07:03 2023

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Mon Nov 13 15:42:46 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	722108	10.851	ppbv	96
47) 1,1,2-Trichloroethane	8.880	97	917007	9.630	ppbv	97
48) Dibromochloromethane	9.690	129	1630117	10.317	ppbv	99
49) Bromoform	12.385	173	1282650	10.793	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2314821	10.397	ppbv	99
51) 2-Hexanone	9.529	43	1694738	10.799	ppbv #	100
52) Tetrachloroethene	10.594	164	757816	9.819	ppbv	99
53) Toluene	9.201	91	2520636	9.995	ppbv	99
54) 1,2-Dibromoethane	9.989	107	1265924	10.331	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.487	131	1157290	9.838	ppbv	98
57) Chlorobenzene	11.504	112	1903205	9.342	ppbv	98
58) Ethyl Benzene	12.066	91	3414682	9.522	ppbv	99
59) m/p-Xylene	12.352	91	5756961m	18.851	ppbv	
60) o-Xylene	13.034	91	2739532	9.423	ppbv	98
61) Styrene	12.876	104	1428648	10.190	ppbv	99
62) Isopropylbenzene	14.005	105	3988063	9.285	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.021	83	1954315	9.484	ppbv	100
64) n-propylbenzene	14.892	120	1036949	9.633	ppbv	99
65) tert-Butylbenzene	16.066	119	3448624	9.522	ppbv	100
66) Benzyl Chloride	16.307	91	141832m	10.628	ppbv	
67) sec-Butylbenzene	16.613	105	4849254	9.373	ppbv	100
69) p-Isopropyltoluene	16.970	119	3920695	9.504	ppbv	100
70) n-Butylbenzene	17.860	91	4136610	9.496	ppbv	100
71) 2-Chlorotoluene	14.773	91	3105458	9.485	ppbv	100
72) 4-Ethyltoluene	15.169	105	3127518	9.786	ppbv	99
73) 1,3,5-Trimethylbenzene	15.327	105	2685437	9.501	ppbv	98
74) 1,2,4-Trimethylbenzene	16.082	105	2934103	9.302	ppbv	99
75) 1,3-Dichlorobenzene	16.304	146	1658456	9.522	ppbv	99
76) 1,4-Dichlorobenzene	16.449	146	1614662	9.683	ppbv	99
77) 1,2-Dichlorobenzene	17.117	146	1584136	9.354	ppbv	99
78) Hexachloro-1,3-Butadiene	22.606	225	909595	8.578	ppbv	99
79) Naphthalene	21.362	128	2012562	12.414	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	384236	13.426	ppbv	93
81) 1,2,4-Trichlorobenzene	21.111	180	1021294	10.362	ppbv	99

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

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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

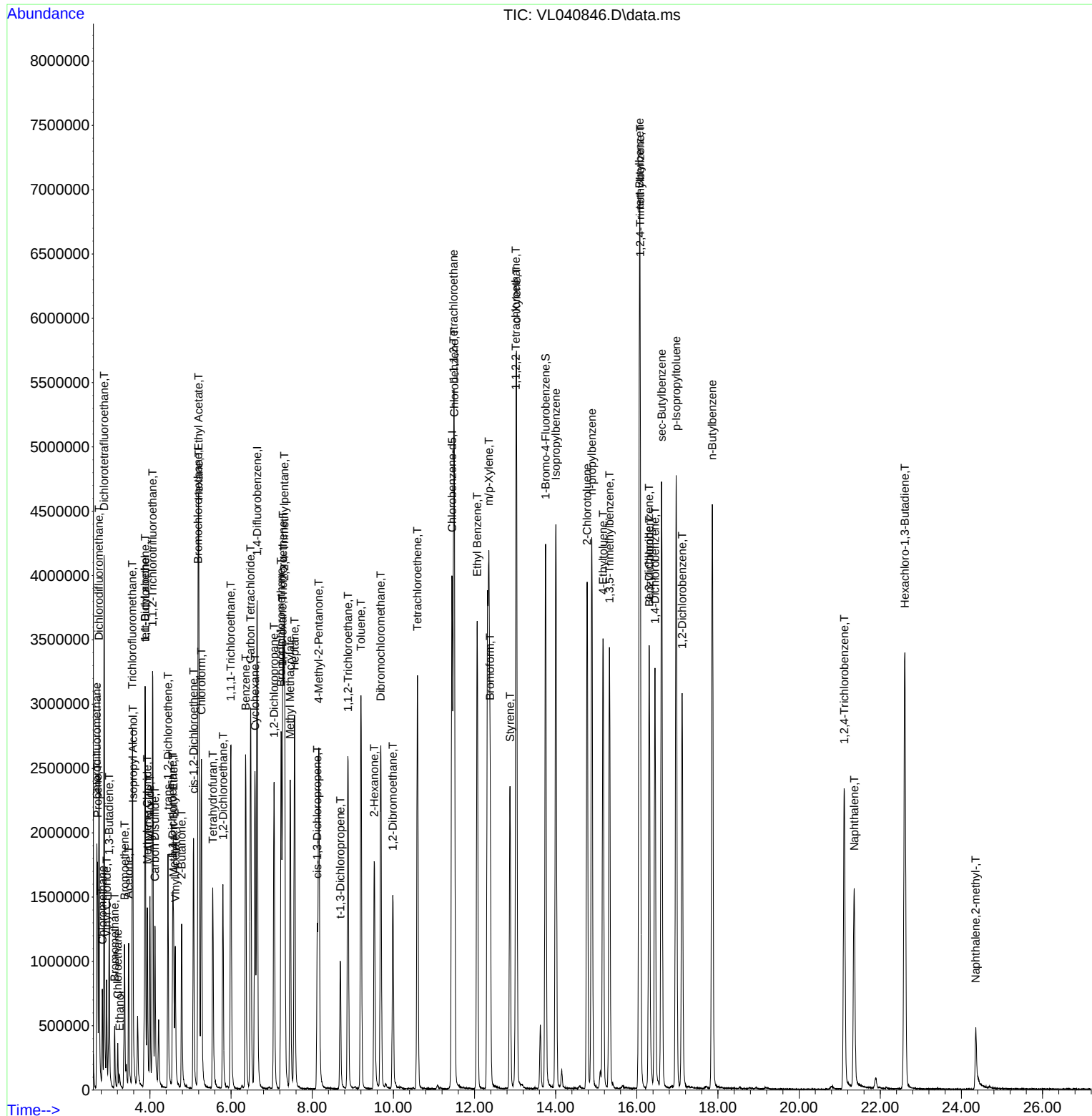
Quant Time: Nov 14 12:07:03 2023

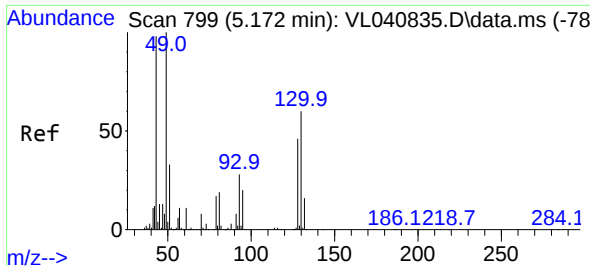
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 13 15:42:46 2023

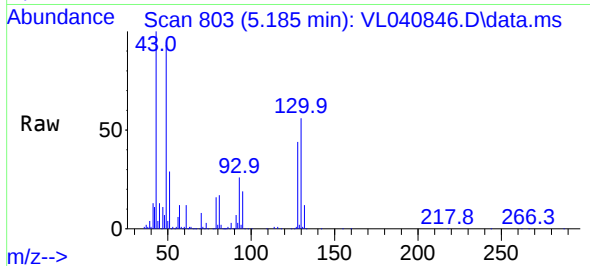
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

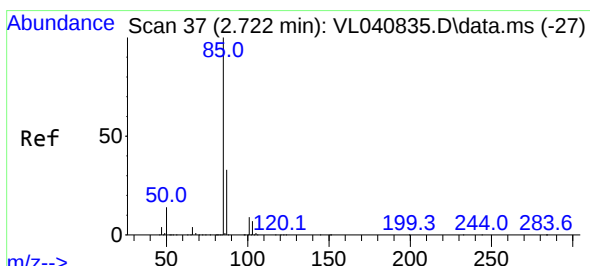
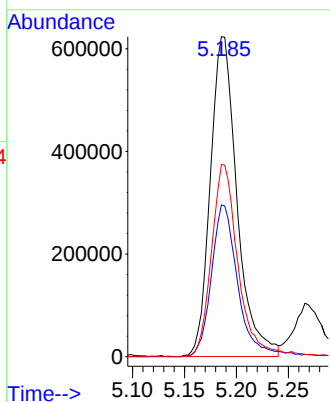
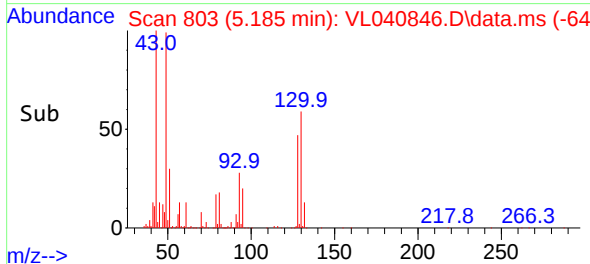
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



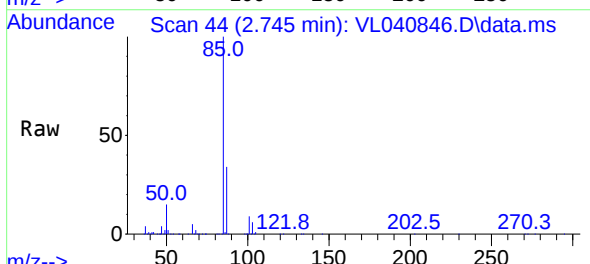
Tgt Ion: 49 Resp: 111376
Ion Ratio Lower Upper
49 100
128 48.1 23.8 71.2
130 60.4 30.9 92.8

Manual Integrations
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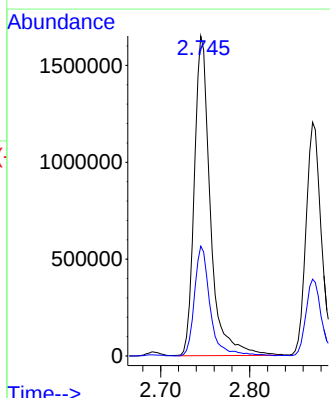
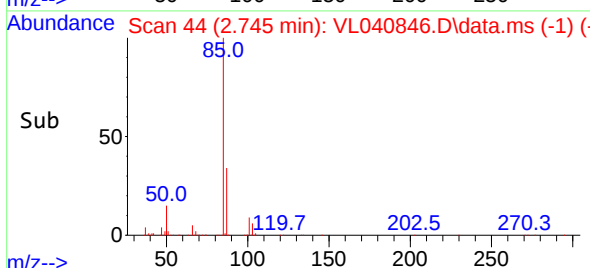
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

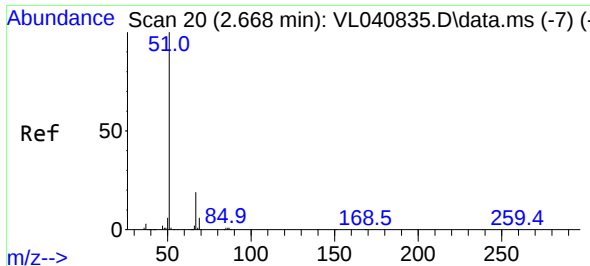


#2
Dichlorodifluoromethane
Concen: 9.172 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.023 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion: 85 Resp: 2070877
Ion Ratio Lower Upper
85 100
87 34.3 26.7 40.1





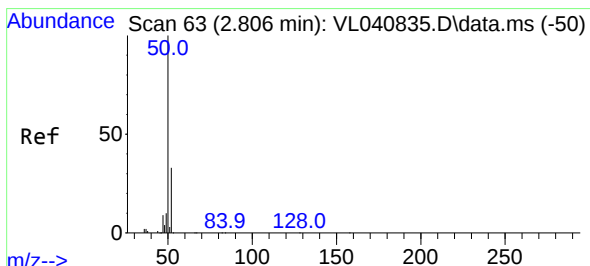
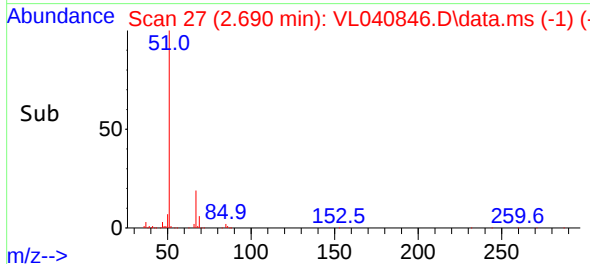
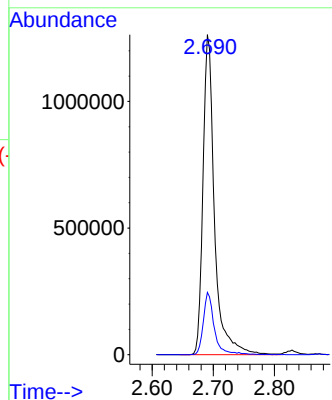
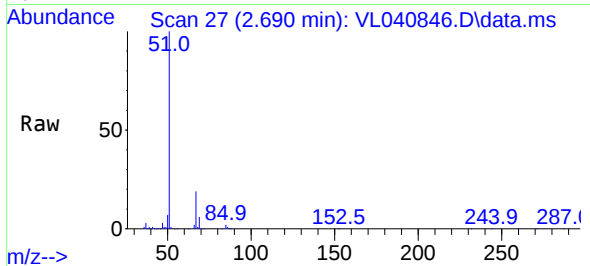
#3
Chlorodifluoromethane
Concen: 9.279 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion: 51 Resp: 165008
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.4

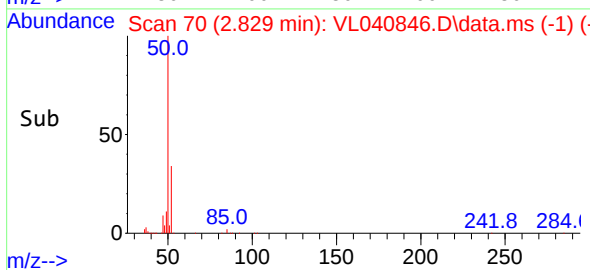
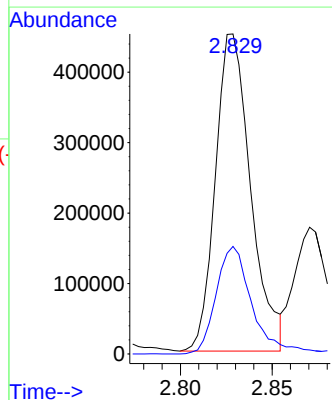
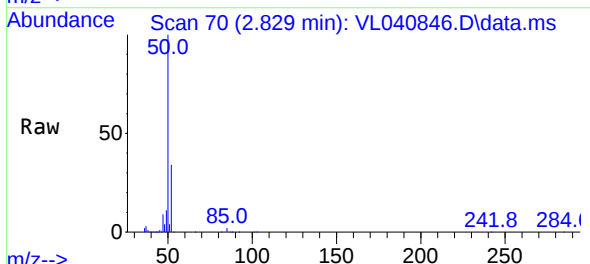
Manual Integrations
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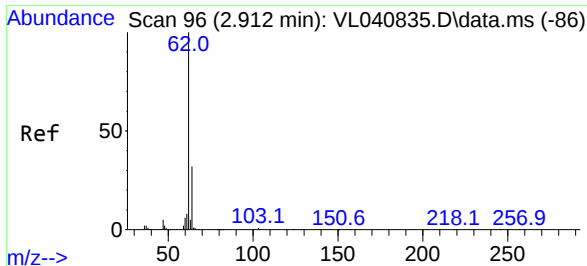
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#4
Chloromethane
Concen: 9.413 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.023 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion: 50 Resp: 601903
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7





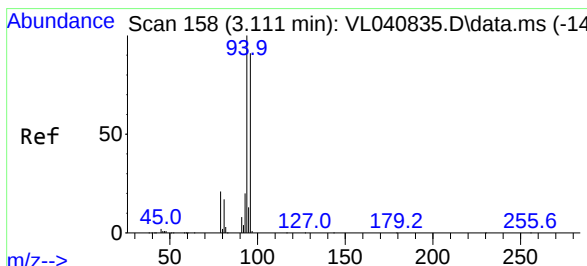
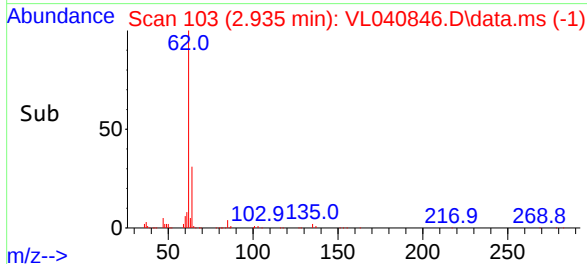
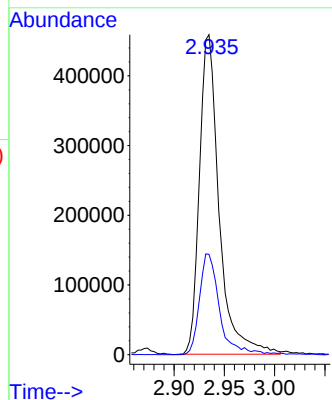
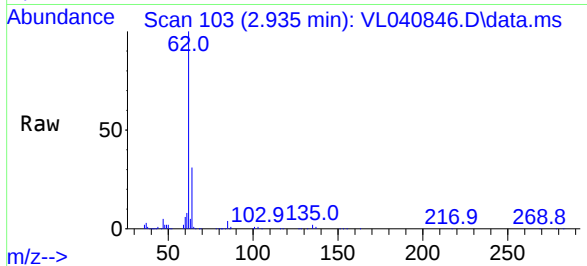
#5
 Vinyl Chloride
 Concen: 9.793 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. 0.023 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1114ABS01

Tgt Ion: 62 Resp: 622793
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.4 38.2

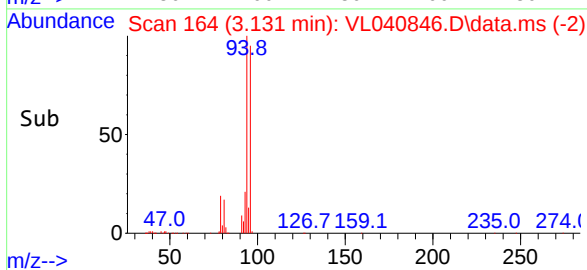
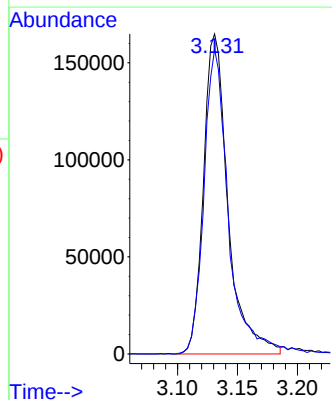
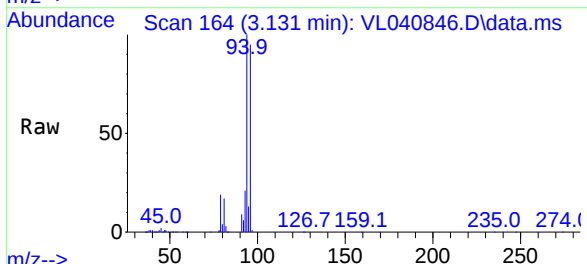
Manual Integrations
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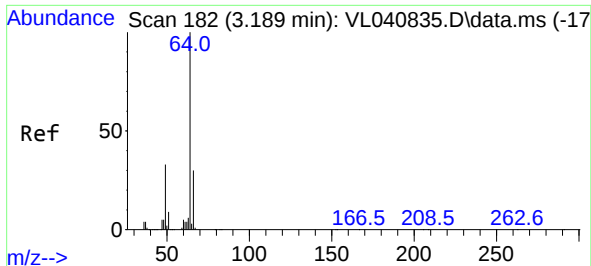
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#6
 Bromomethane
 Concen: 9.667 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.019 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37

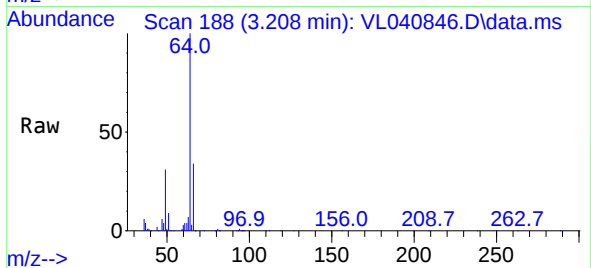
Tgt Ion: 94 Resp: 234672
 Ion Ratio Lower Upper
 94 100
 96 94.8 73.0 109.4





#7
Chloroethane
Concen: 9.313 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

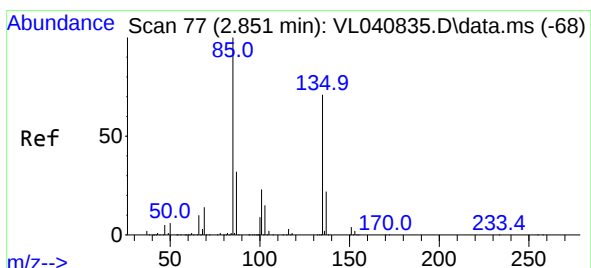
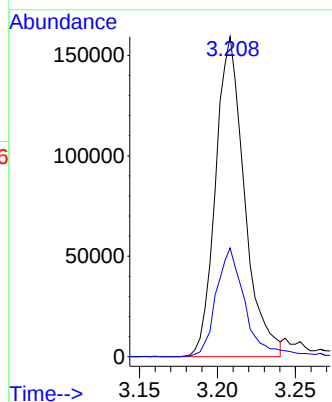
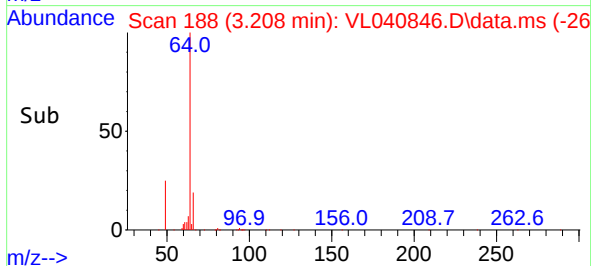
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 20509
Ion Ratio Lower Upper
64 100
66 34.0 23.8 35.6

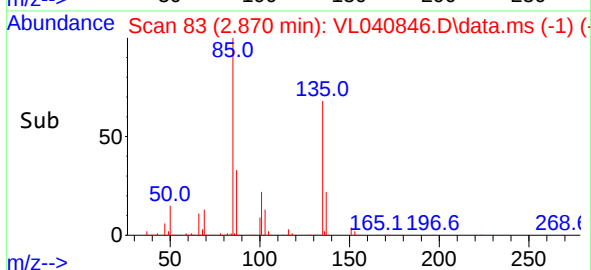
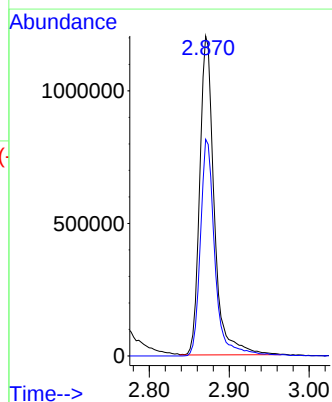
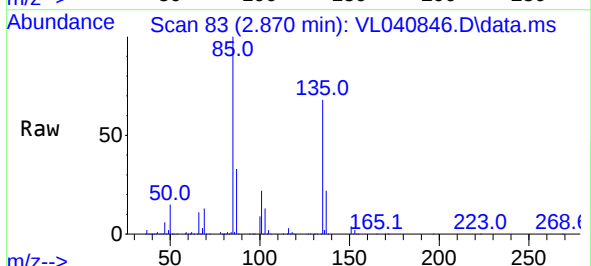
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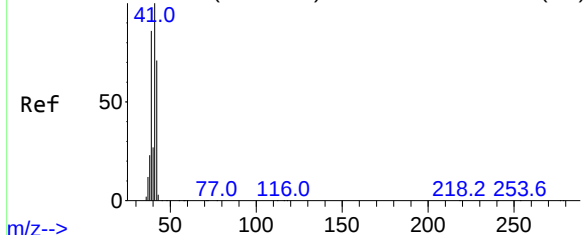


#8
Dichlorotetrafluoroethane
Concen: 9.342 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.019 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion: 85 Resp: 1523063
Ion Ratio Lower Upper
85 100
135 68.4 55.3 82.9



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



#9

Propene

Concen: 9.264 ppbv

RT: 2.710 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01

Tgt Ion: 41 Resp: 555190

Ion Ratio Lower Upper

41 100

42 72.1 56.5 84.7

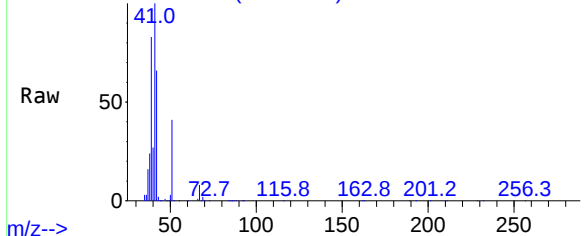
Manual Integrations

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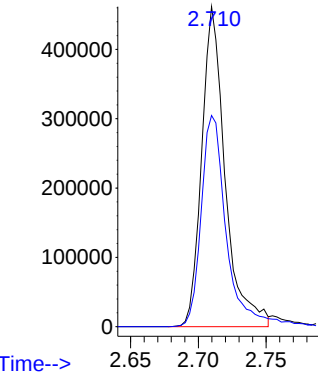
Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023

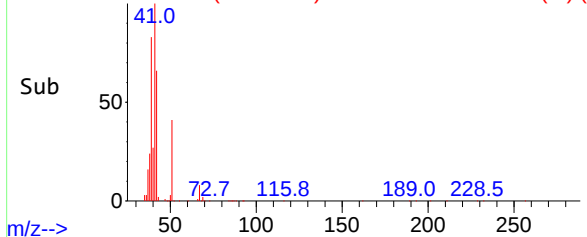
Abundance Scan 33 (2.710 min): VL040846.D\data.ms



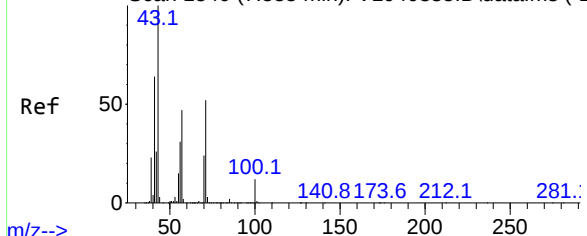
Abundance



Abundance Scan 33 (2.710 min): VL040846.D\data.ms (-1)



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



#10

Heptane

Concen: 9.549 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.010 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

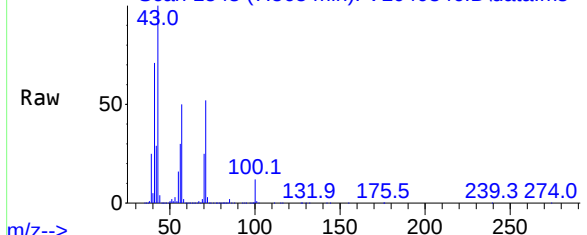
Tgt Ion: 43 Resp: 1407733

Ion Ratio Lower Upper

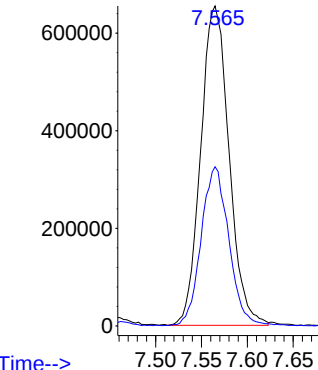
43 100

57 49.1 39.4 59.0

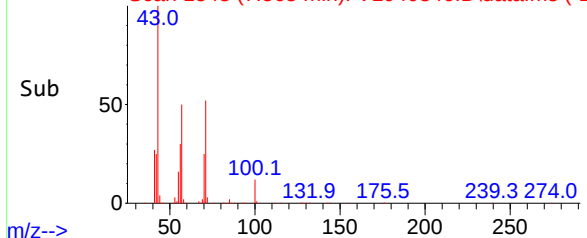
Abundance Scan 1543 (7.565 min): VL040846.D\data.ms

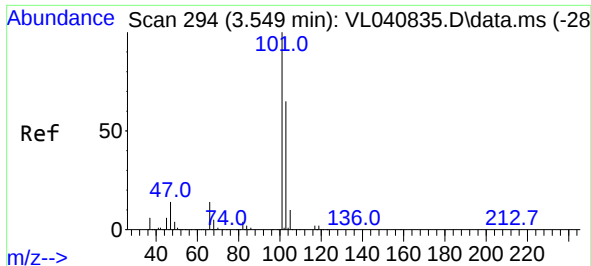


Abundance



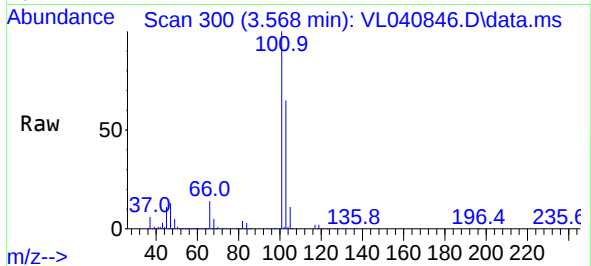
Abundance Scan 1543 (7.565 min): VL040846.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 9.418 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37

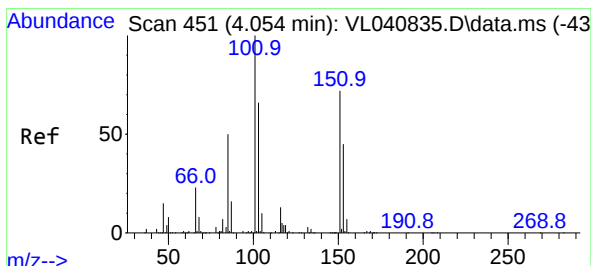
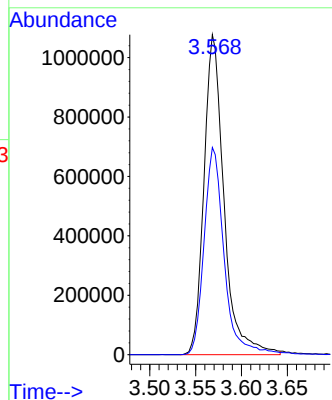
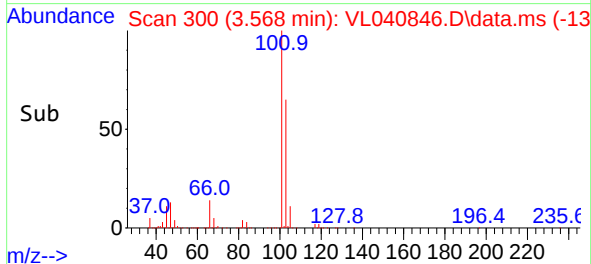
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1114ABS01



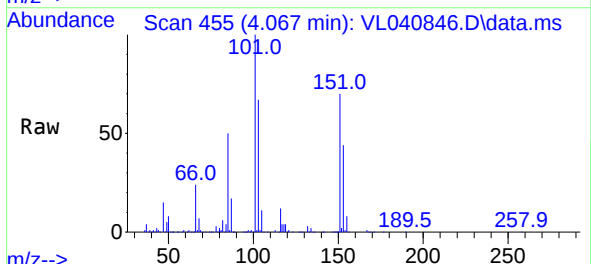
Tgt Ion:101 Resp: 163383
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.8

Manual Integrations
 APPROVED

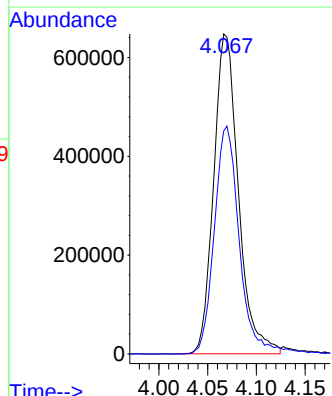
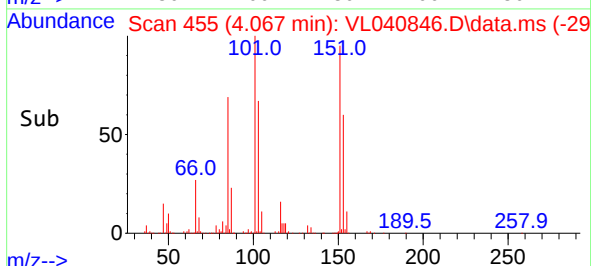
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

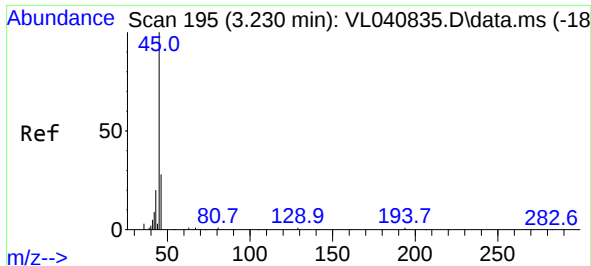


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.276 ppbv
 RT: 4.067 min Scan# 455
 Delta R.T. 0.013 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37



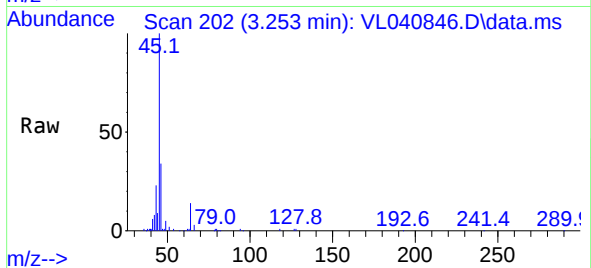
Tgt Ion:101 Resp: 1143222
 Ion Ratio Lower Upper
 101 100
 151 72.7 57.8 86.6





#13
Ethanol
Concen: 8.579 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.023 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

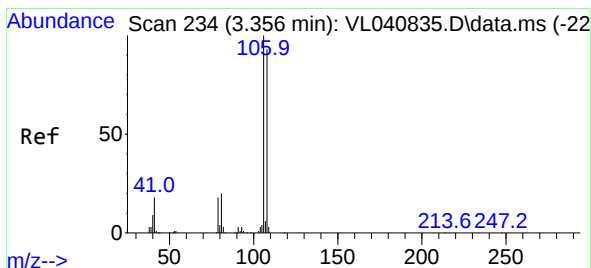
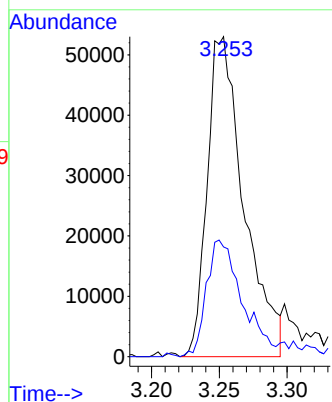
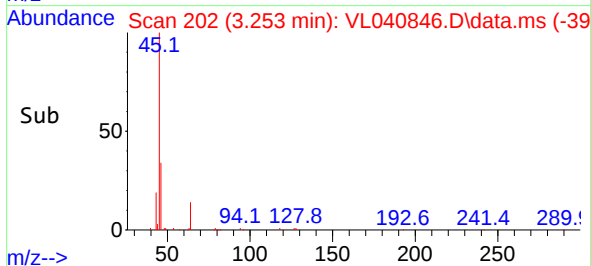
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



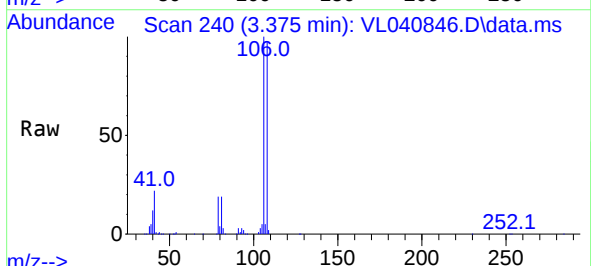
Tgt Ion: 45 Resp: 99828
Ion Ratio Lower Upper
45 100
46 39.9 0.0 0.0

Manual Integrations
APPROVED

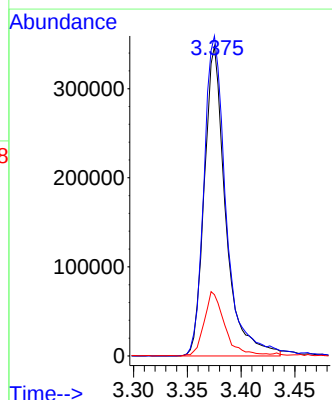
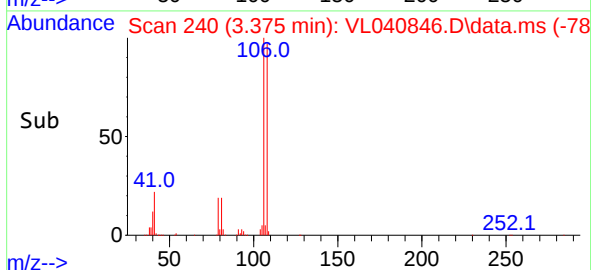
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

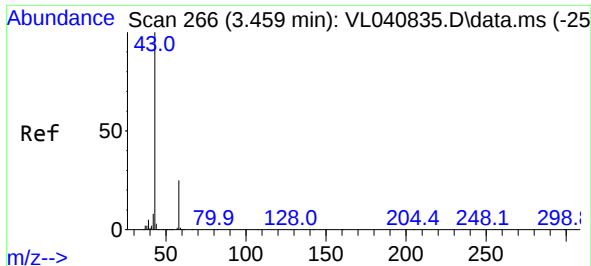


#14
Bromoethene
Concen: 9.682 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.019 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion:108 Resp: 479963
Ion Ratio Lower Upper
108 100
106 109.0 85.4 128.2
79 21.1 16.7 25.1





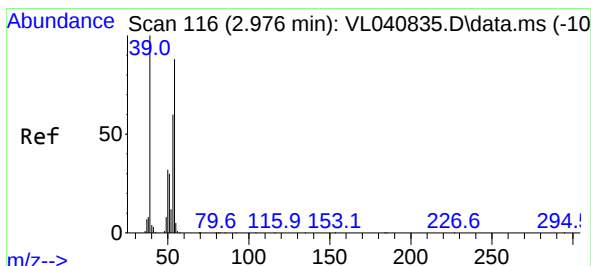
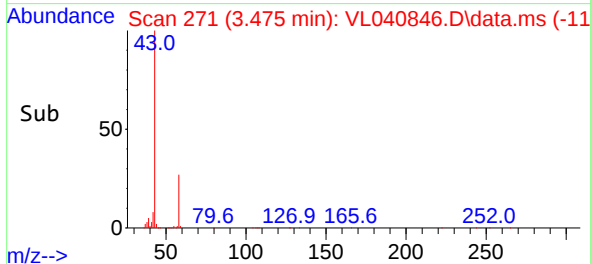
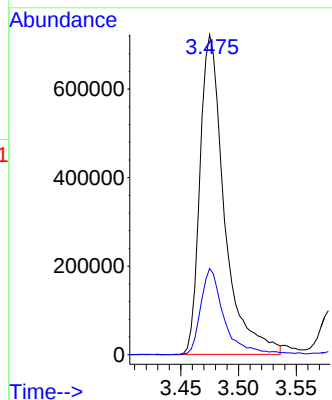
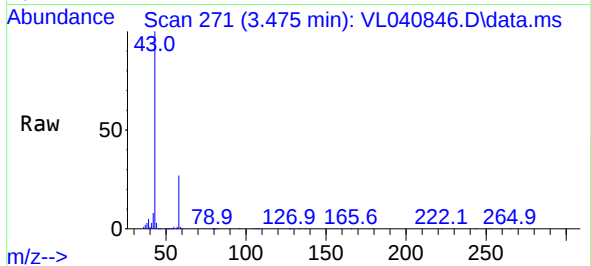
#15
Acetone
Concen: 8.963 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion: 43 Resp: 1063170
Ion Ratio Lower Upper
43 100
58 26.1 20.9 31.3

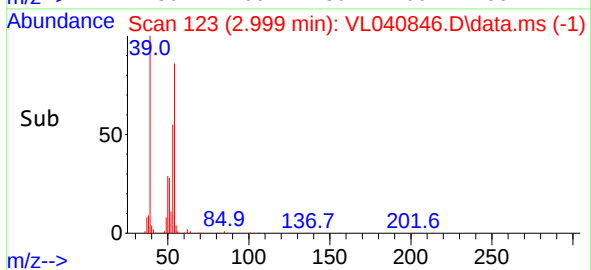
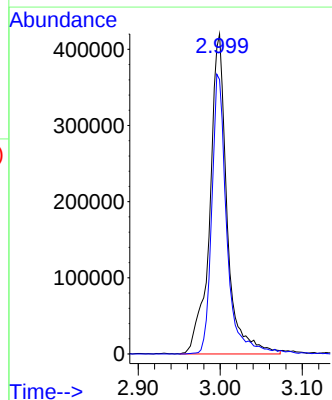
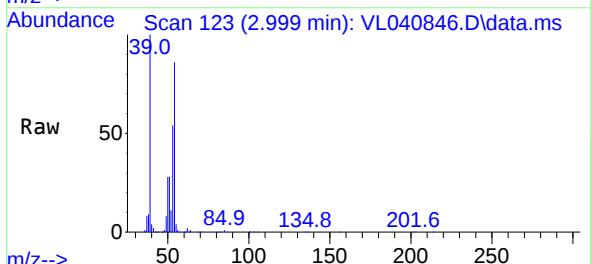
Manual Integrations
APPROVED

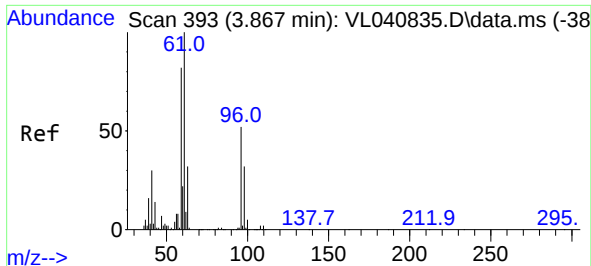
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#16
1,3-Butadiene
Concen: 10.284 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.023 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

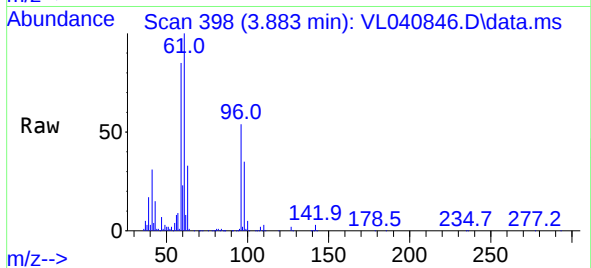
Tgt Ion: 39 Resp: 617141
Ion Ratio Lower Upper
39 100
54 76.6 61.8 92.6





#17
tert-Butyl alcohol
Concen: 9.624 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.016 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

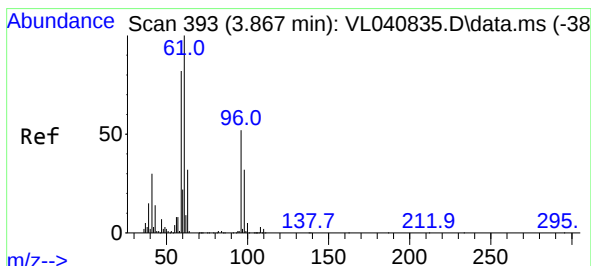
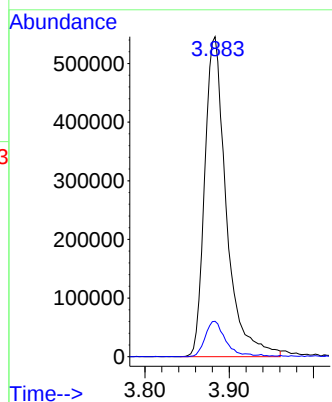
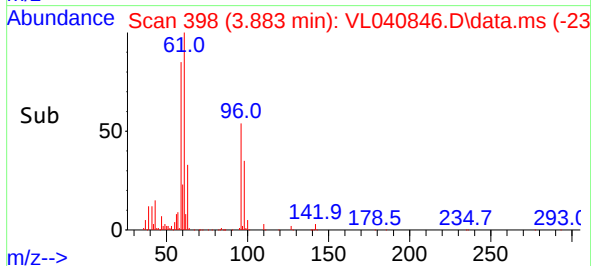
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



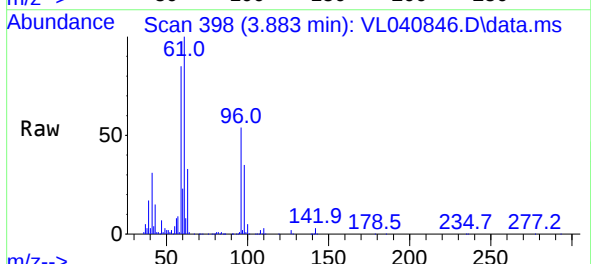
Tgt Ion: 59 Resp: 976274
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

Manual Integrations
APPROVED

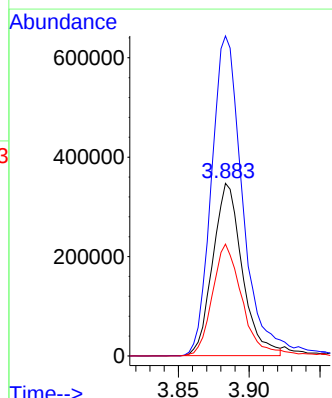
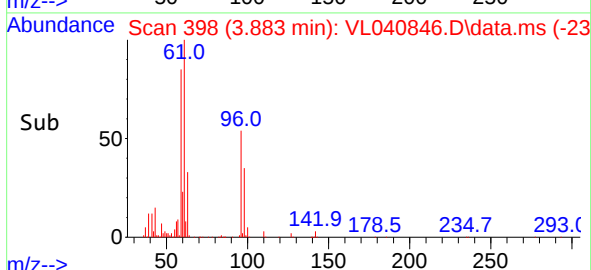
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

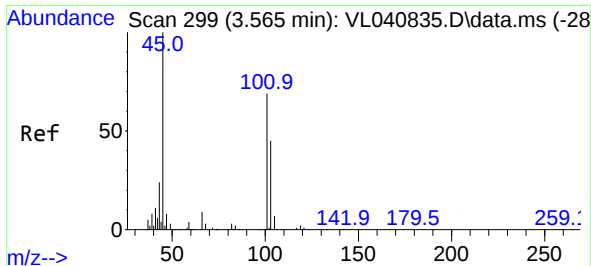


#18
1,1-Dichloroethene
Concen: 9.150 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.016 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



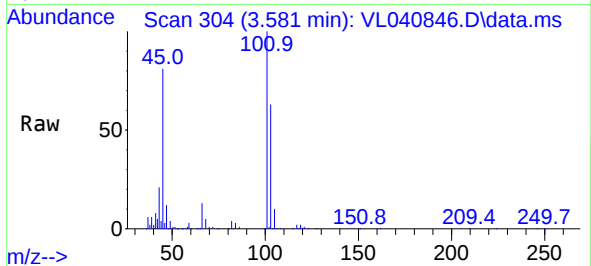
Tgt Ion: 96 Resp: 502620
Ion Ratio Lower Upper
96 100
61 185.8 152.6 228.8
98 64.9 49.2 73.8





#19
Isopropyl Alcohol
Concen: 9.824 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.016 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

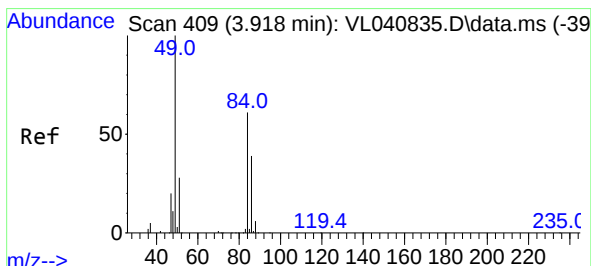
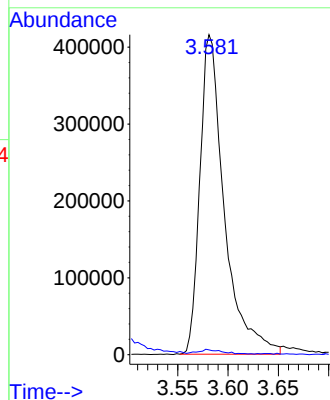
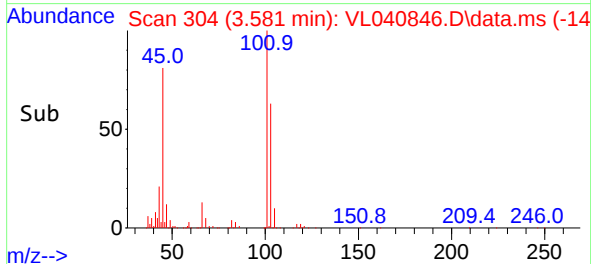
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



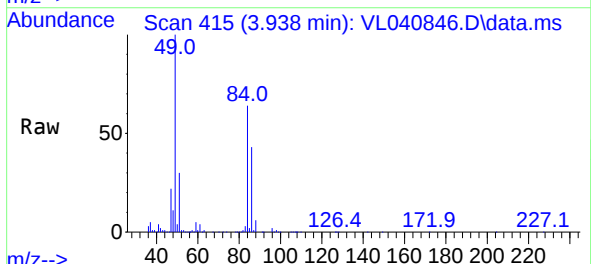
Tgt Ion: 45 Resp: 70133
Ion Ratio Lower Upper
45 100
58 2.4 1.6 2.4

Manual Integrations
APPROVED

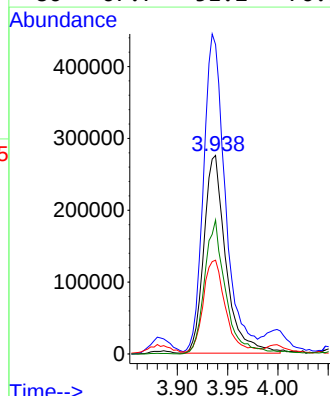
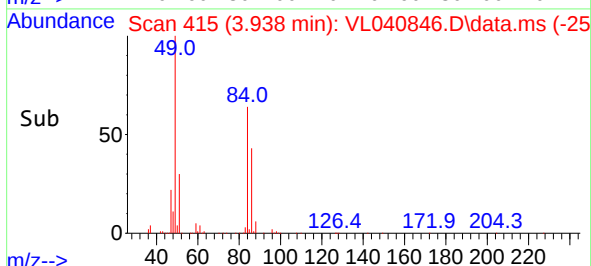
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

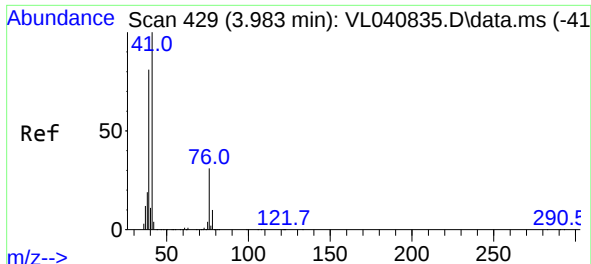


#20
Methylene Chloride
Concen: 8.572 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.019 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion: 84 Resp: 419649
Ion Ratio Lower Upper
84 100
49 154.7 131.0 196.4
51 46.3 36.9 55.3
86 67.7 51.2 76.8





#21

Allyl Chloride

Concen: 9.610 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01

Tgt Ion: 41 Resp: 72953

Ion Ratio Lower Upper

41 100

76 31.5 24.4 36.6

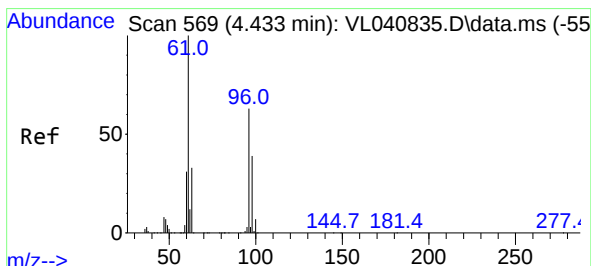
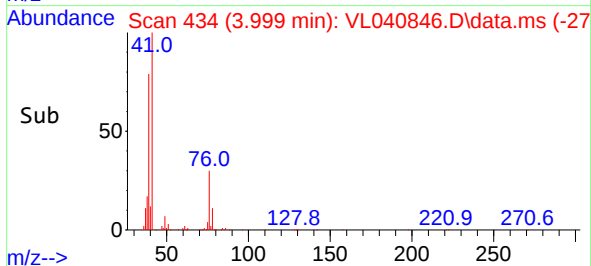
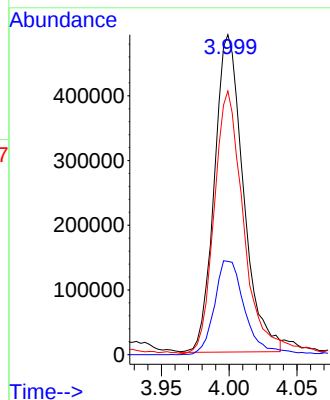
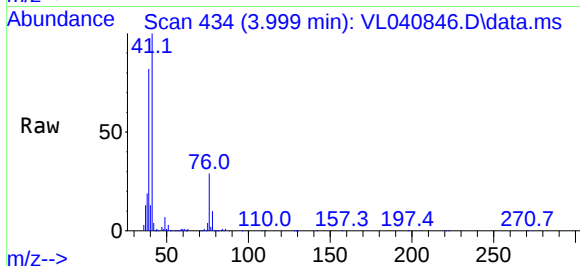
39 85.2 68.1 102.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#22

trans-1,2-Dichloroethene

Concen: 8.777 ppbv

RT: 4.446 min Scan# 573

Delta R.T. 0.013 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

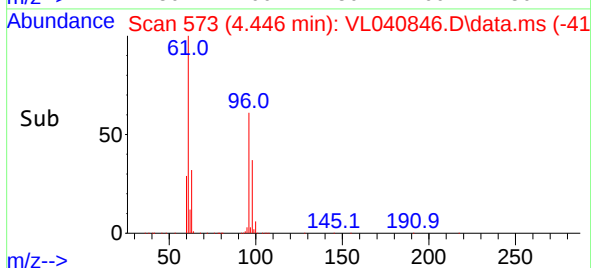
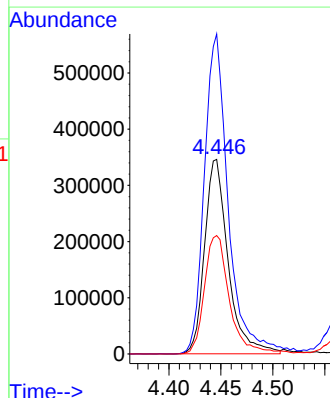
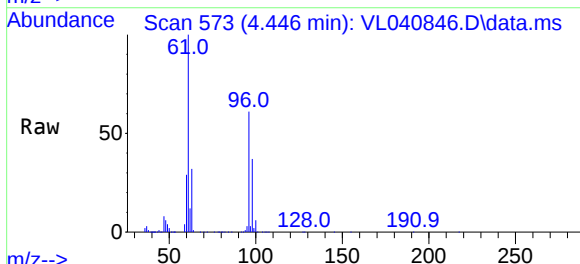
Tgt Ion: 96 Resp: 547184

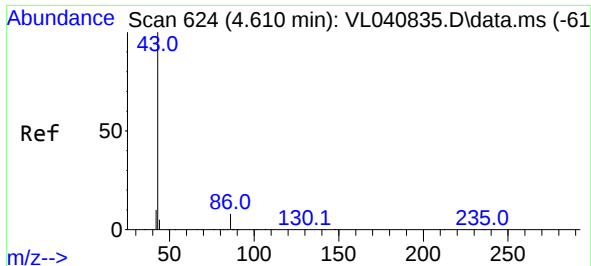
Ion Ratio Lower Upper

96 100

61 164.3 126.8 190.2

98 60.8 49.9 74.9





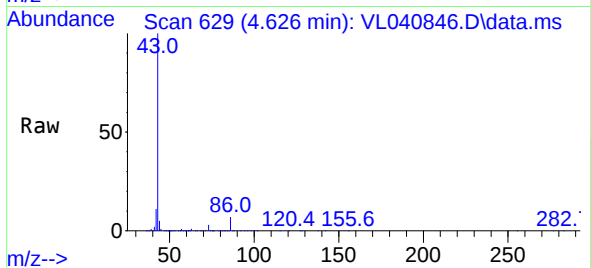
#23
 Vinyl Acetate
 Concen: 8.911 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01



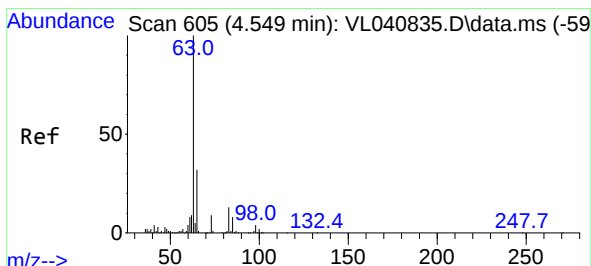
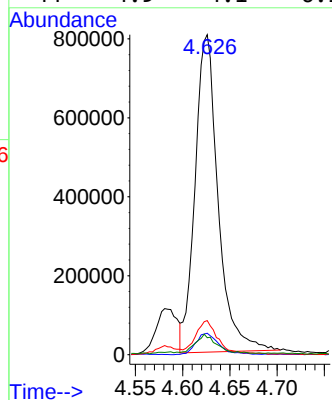
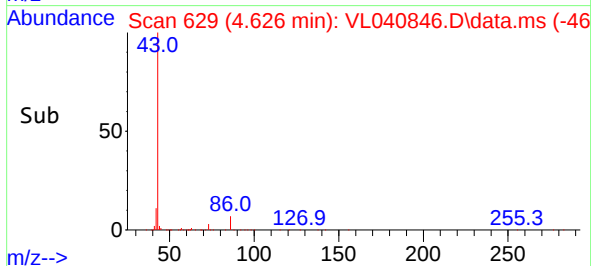
Tgt Ion: 43 Resp: 1364944

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.5	8.3
42	10.6	8.2	12.2
44	4.9	4.1	6.1

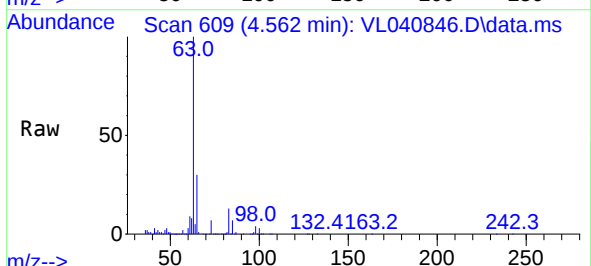
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

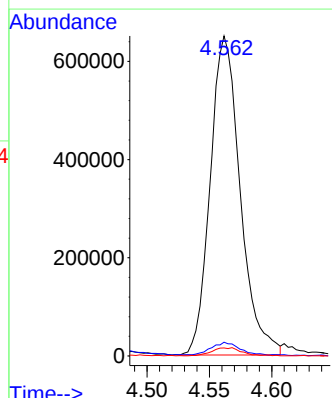
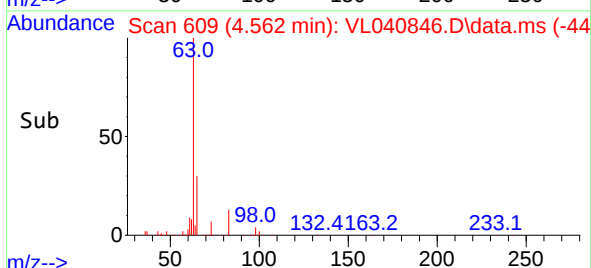


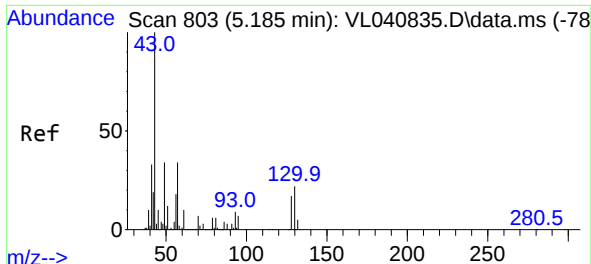
#24
 1,1-Dichloroethane
 Concen: 7.976 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.013 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37



Tgt Ion: 63 Resp: 1088878

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.2	6.6
100	2.5	1.0	3.0





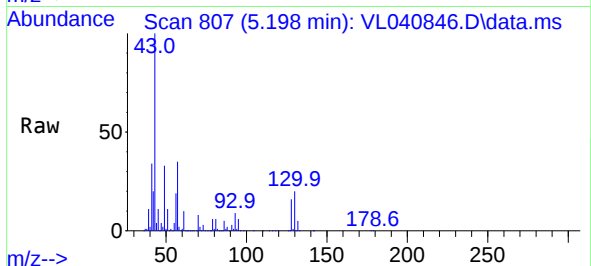
#25
Ethyl Acetate
Concen: 9.625 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.013 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01



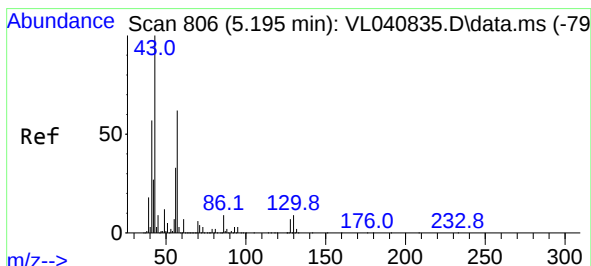
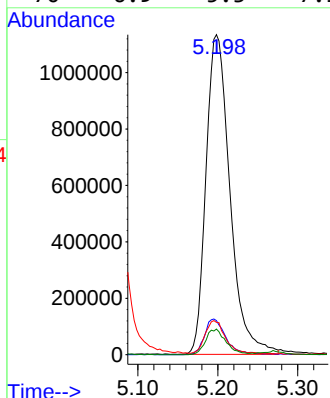
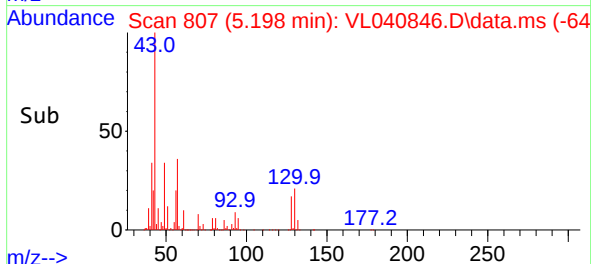
Tgt Ion: 43 Resp: 236401

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.1	12.1
61	9.5	7.8	11.6
70	6.9	5.3	7.9

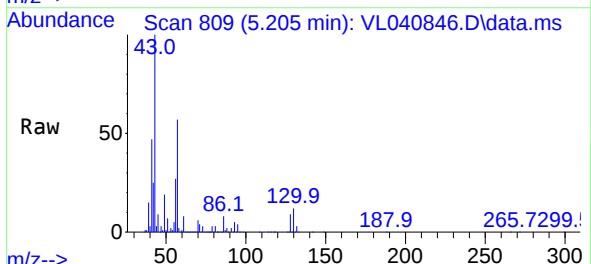
Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

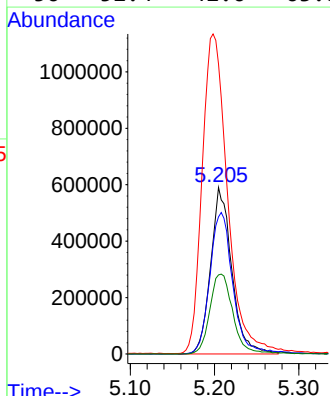
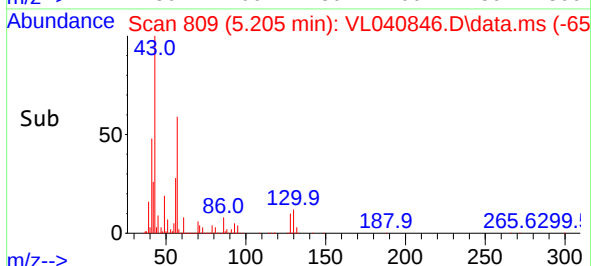


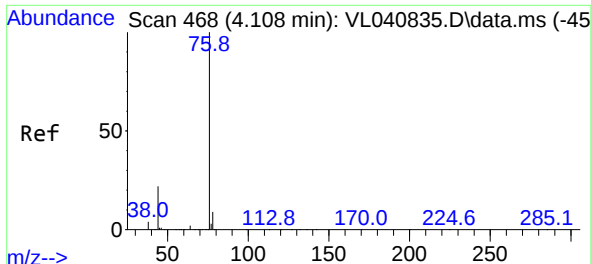
#26
Hexane
Concen: 9.470 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.010 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion: 57 Resp: 1029411

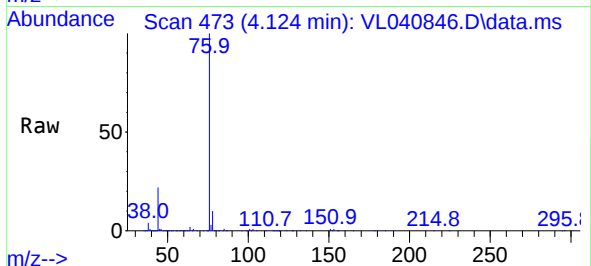
Ion	Ratio	Lower	Upper
57	100		
41	92.6	75.4	113.0
43	233.0	185.9	278.9
56	52.4	42.6	63.8





#27
Carbon Disulfide
Concen: 9.793 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

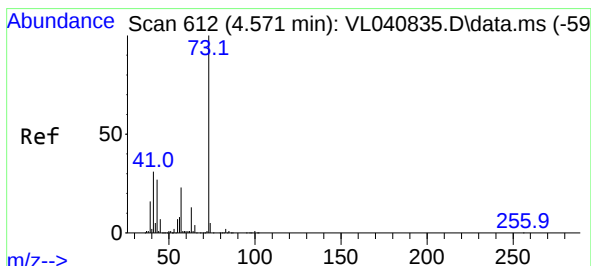
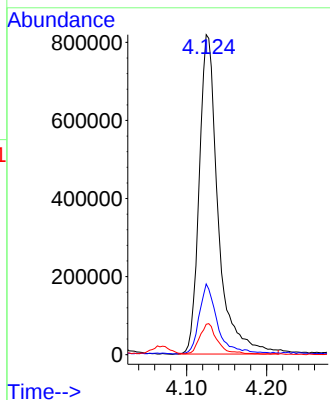
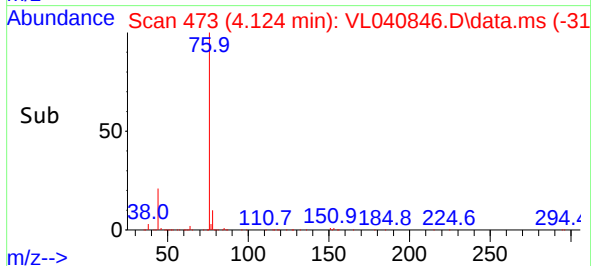
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



Tgt Ion: 76 Resp: 1349970
Ion Ratio Lower Upper
76 100
44 21.0 16.7 25.1
78 9.5 7.6 11.4

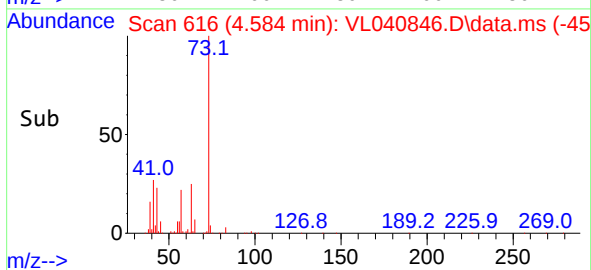
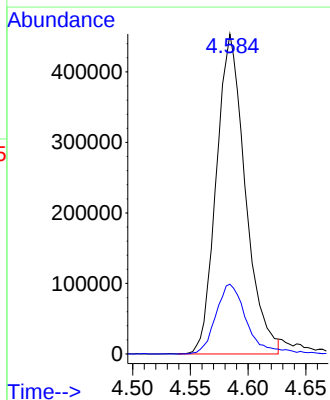
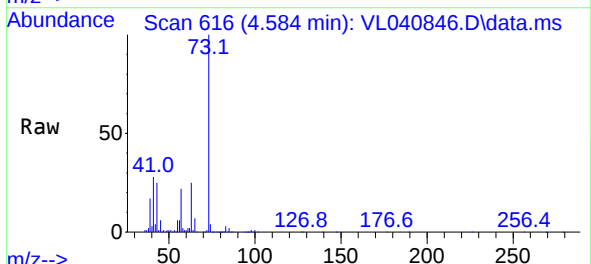
Manual Integrations
APPROVED

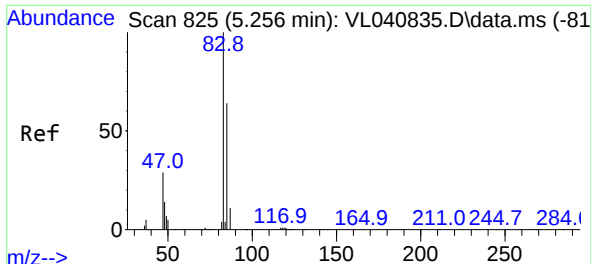
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#28
Methyl tert-Butyl Ether
Concen: 8.071 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.013 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion: 73 Resp: 793416
Ion Ratio Lower Upper
73 100
57 23.6 18.0 27.0





#29

Chloroform

Concen: 9.314 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01

Tgt Ion: 83 Resp: 171607

Ion Ratio Lower Upper

83 100

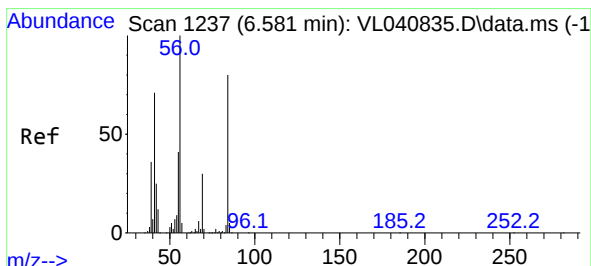
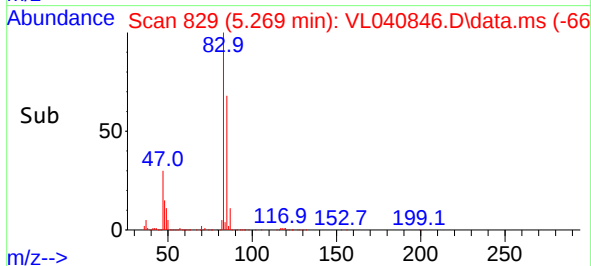
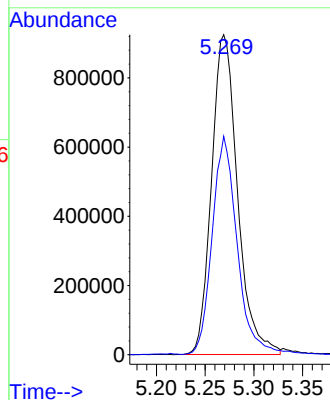
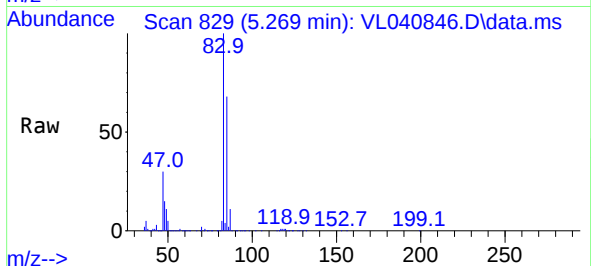
85 68.2 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#30

Cyclohexane

Concen: 9.544 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.007 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

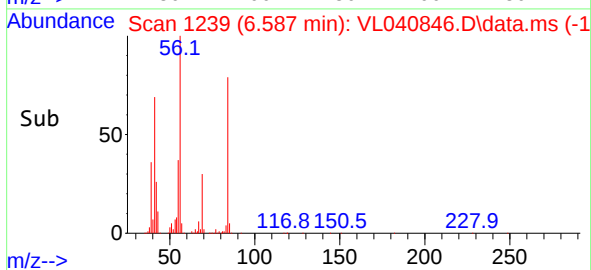
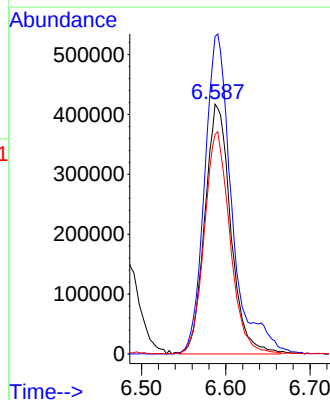
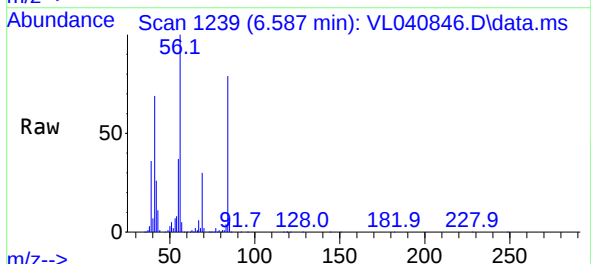
Tgt Ion: 84 Resp: 892505

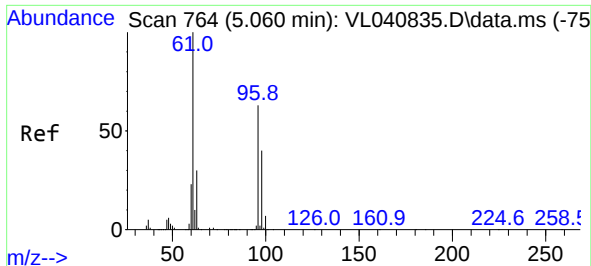
Ion Ratio Lower Upper

84 100

56 135.3 109.3 163.9

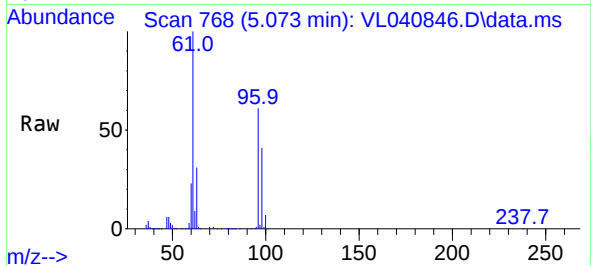
41 88.4 71.4 107.2





#31
cis-1,2-Dichloroethene
Concen: 10.070 ppbv
RT: 5.073 min Scan# 764
Delta R.T. 0.013 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

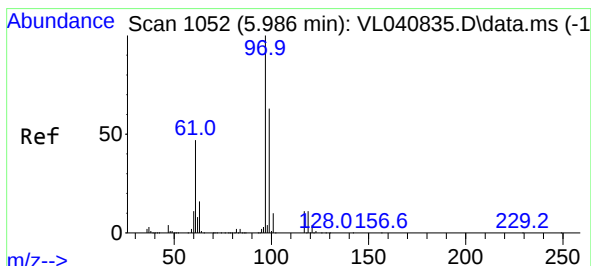
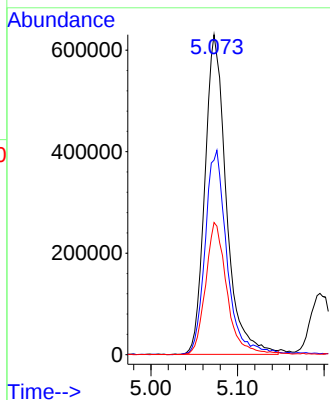
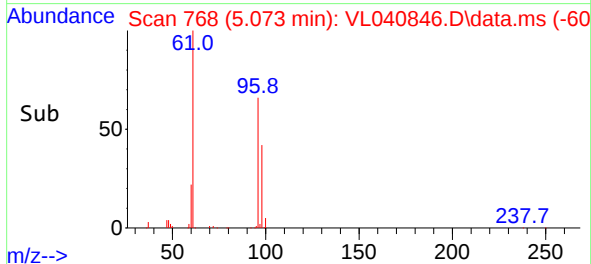
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



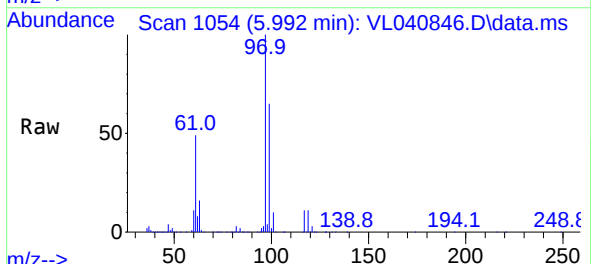
Tgt Ion: 61 Resp: 1083240
Ion Ratio Lower Upper
61 100
96 60.8 50.5 75.7
98 41.3 31.9 47.9

Manual Integrations
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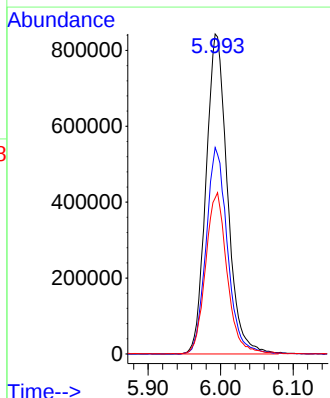
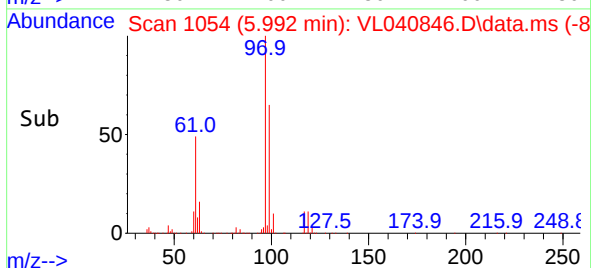
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

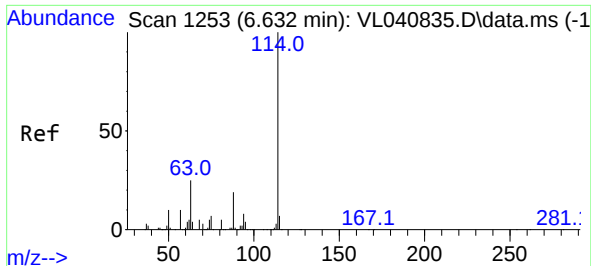


#32
1,1,1-Trichloroethane
Concen: 10.050 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion: 97 Resp: 1727540
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.4
61 50.9 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01

Tgt Ion:114 Resp: 282390

Ion Ratio Lower Upper

114 100

63 26.0 20.9 31.3

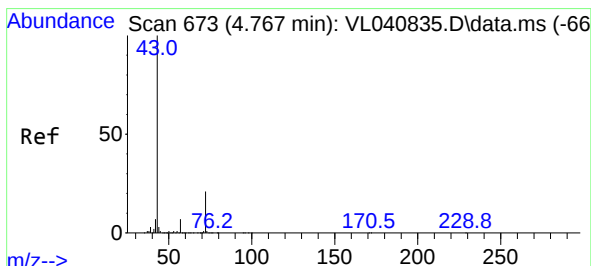
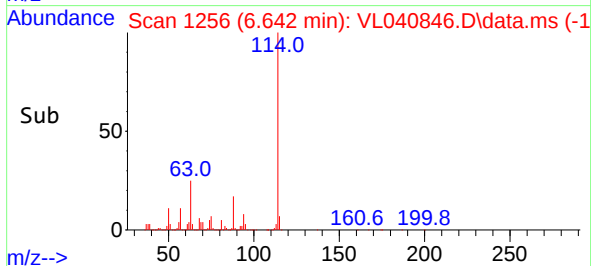
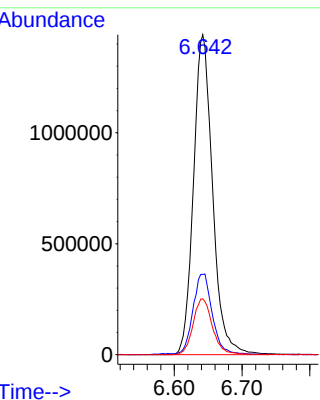
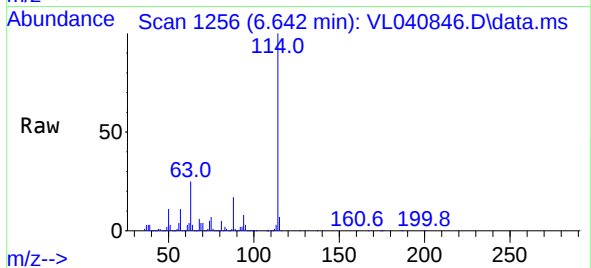
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#34

2-Butanone

Concen: 10.128 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.013 min

Lab File: VL040846.D

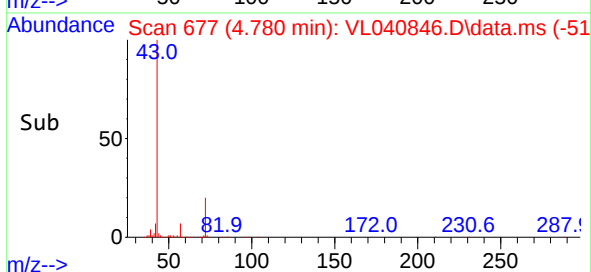
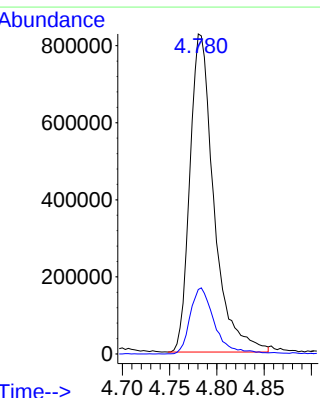
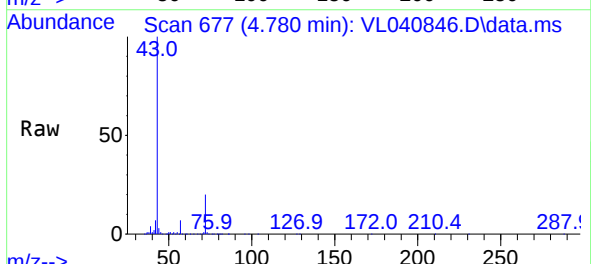
Acq: 14 Nov 2023 11:37

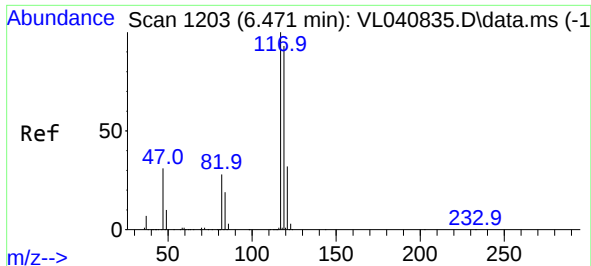
Tgt Ion: 43 Resp: 1456957

Ion Ratio Lower Upper

43 100

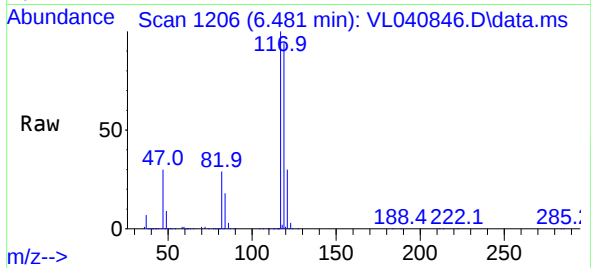
72 21.6 17.2 25.8





#35
Carbon Tetrachloride
Concen: 10.638 ppbv
RT: 6.481 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

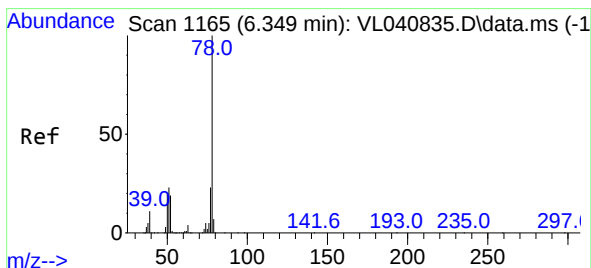
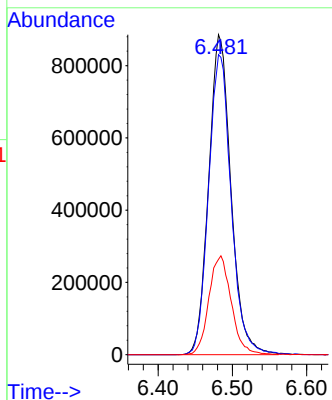
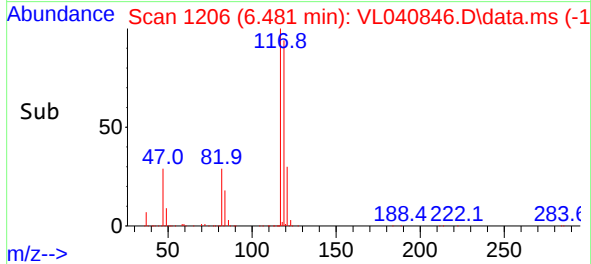
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



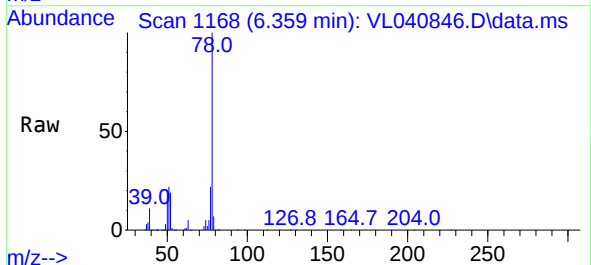
Tgt Ion: 117 Resp: 1843179
Ion Ratio Lower Upper
117 100
119 93.7 74.7 112.1
121 29.8 25.5 38.3

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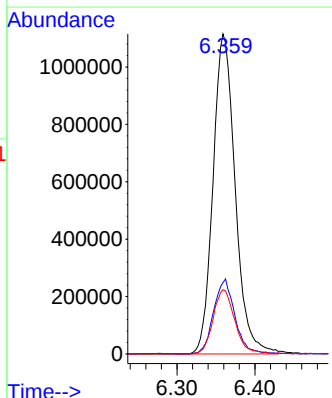
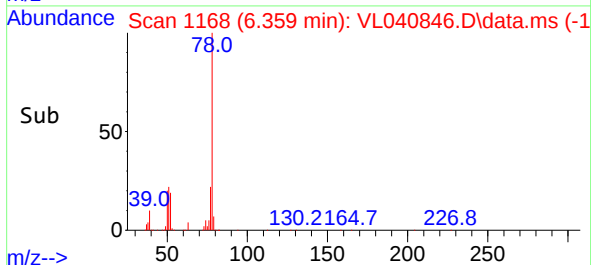
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

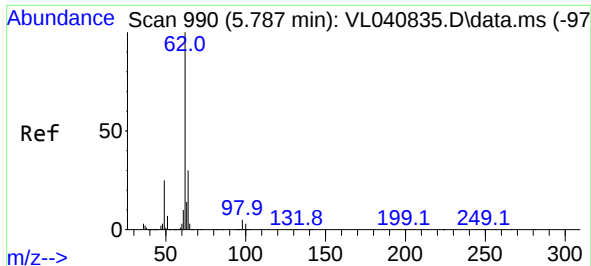


#36
Benzene
Concen: 9.592 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



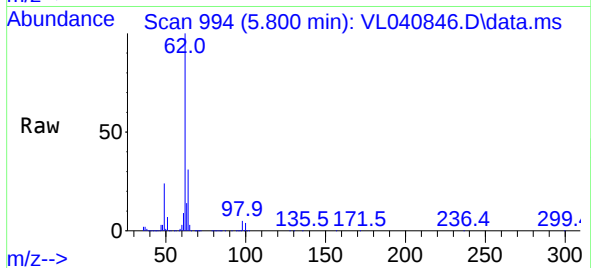
Tgt Ion: 78 Resp: 2198439
Ion Ratio Lower Upper
78 100
77 22.3 18.4 27.6
50 20.1 16.2 24.2





#37
1,2-Dichloroethane
Concen: 9.990 ppbv
RT: 5.800 min Scan# 990
Delta R.T. 0.013 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

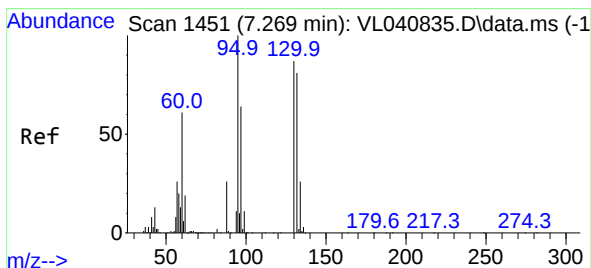
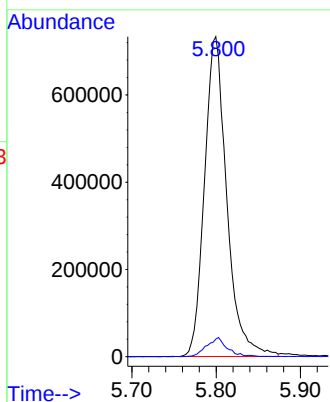
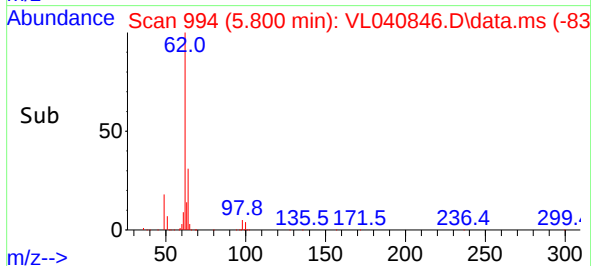
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



Tgt Ion: 62 Resp: 135034
Ion Ratio Lower Upper
62 100
98 5.6 4.6 6.8

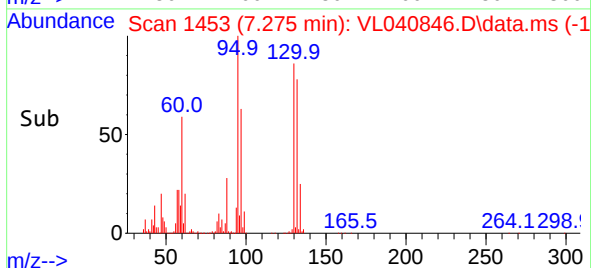
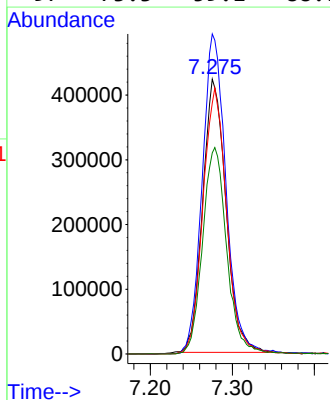
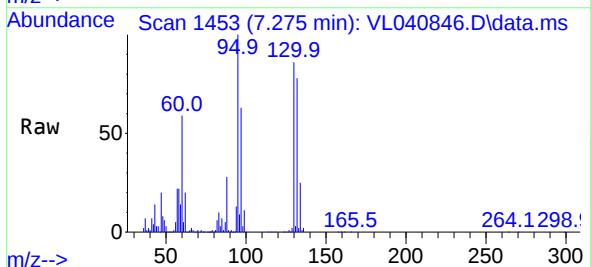
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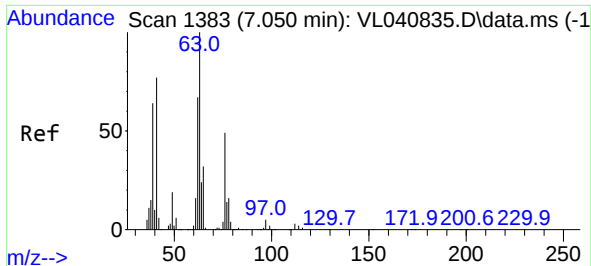
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#38
Trichloroethene
Concen: 9.371 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion:130 Resp: 834793
Ion Ratio Lower Upper
130 100
95 116.8 92.4 138.6
132 91.6 75.1 112.7
97 73.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.472 ppbv

RT: 7.060 min Scan# 1451

Delta R.T. 0.010 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL1114ABS01

Tgt Ion: 63 Resp: 86074

Ion Ratio Lower Upper

63 100

41 75.8 61.5 92.3

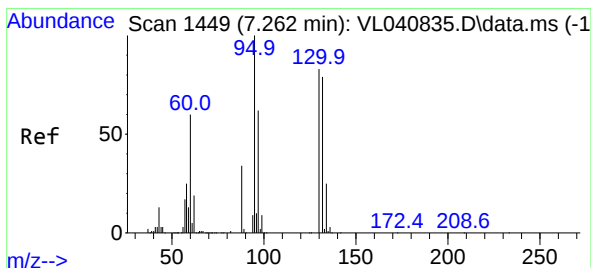
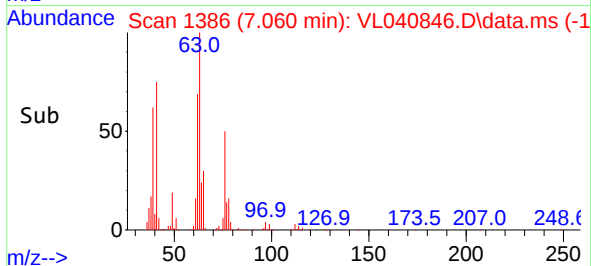
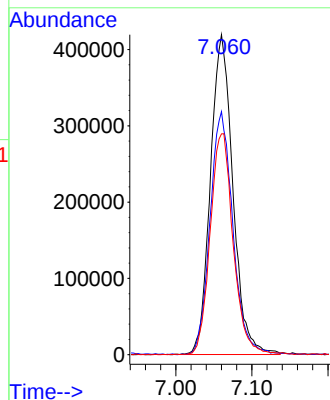
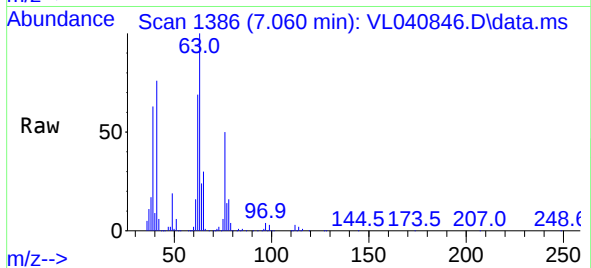
62 69.0 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#40

1,4-Dioxane

Concen: 9.154 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.007 min

Lab File: VL040846.D

Acq: 14 Nov 2023 11:37

Tgt Ion: 88 Resp: 330050

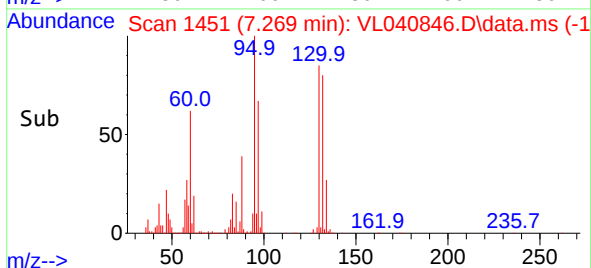
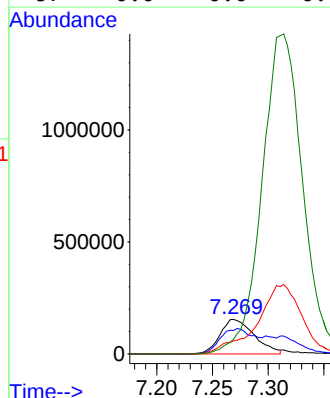
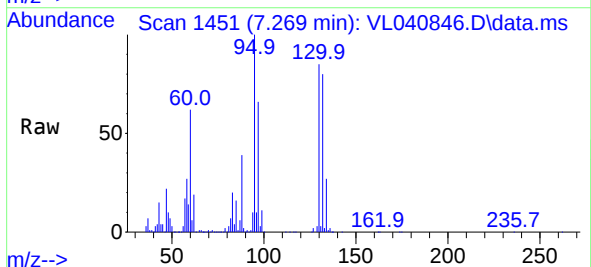
Ion Ratio Lower Upper

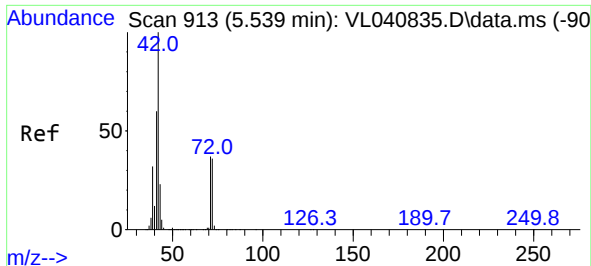
88 100

58 126.6 101.0 151.6

43 0.0 0.0 0.0

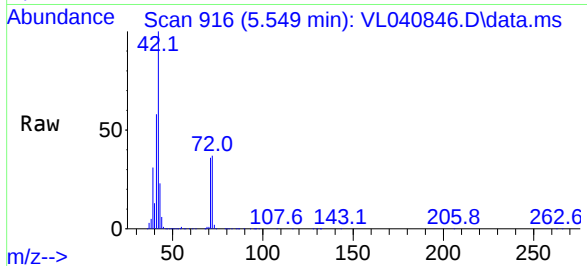
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.149 ppbv
RT: 5.549 min Scan# 913
Delta R.T. 0.010 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

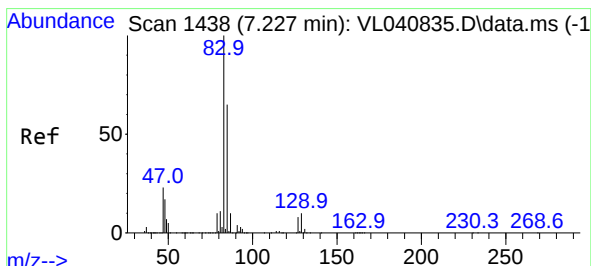
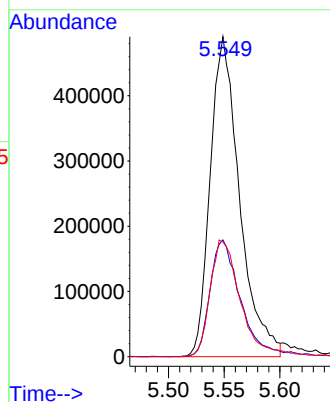
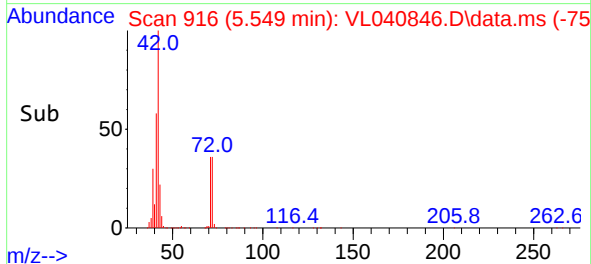
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



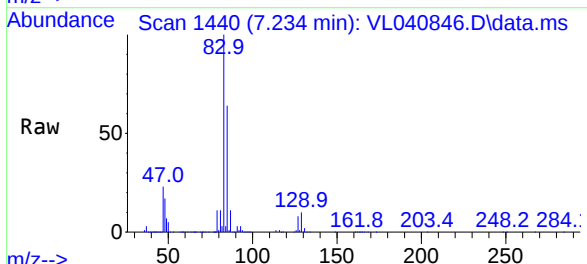
Tgt Ion: 42 Resp: 898919
Ion Ratio Lower Upper
42 100
72 38.8 30.8 46.2
71 38.4 30.0 45.0

Manual Integrations
APPROVED

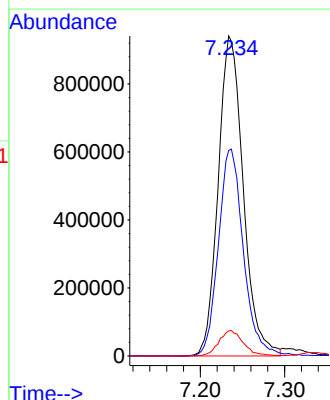
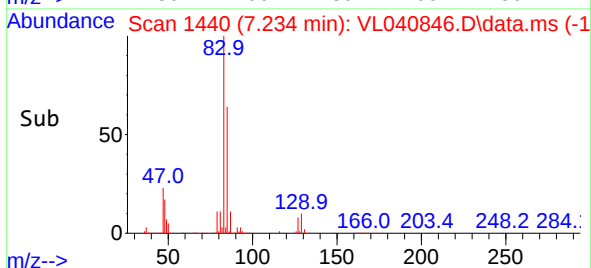
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

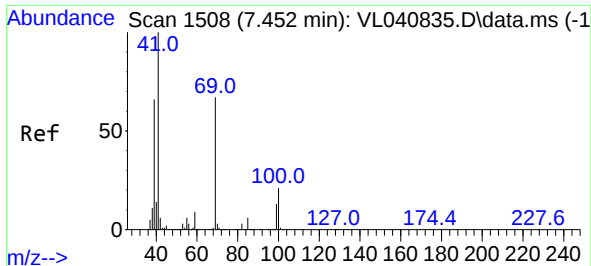


#42
Bromodichloromethane
Concen: 10.036 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



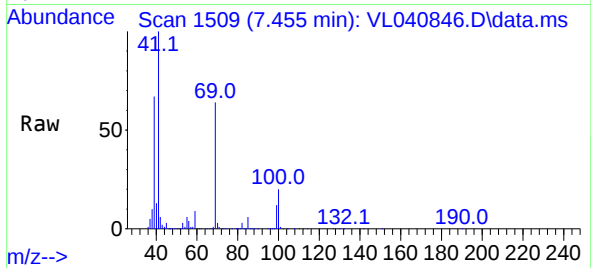
Tgt Ion: 83 Resp: 1941335
Ion Ratio Lower Upper
83 100
85 64.2 52.3 78.5
127 7.8 6.6 10.0





#43
Methyl Methacrylate
Concen: 10.406 ppbv
RT: 7.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

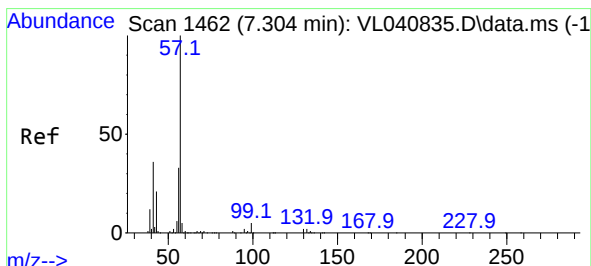
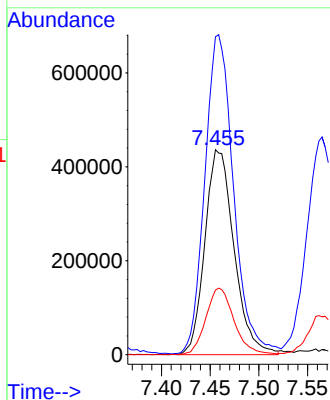
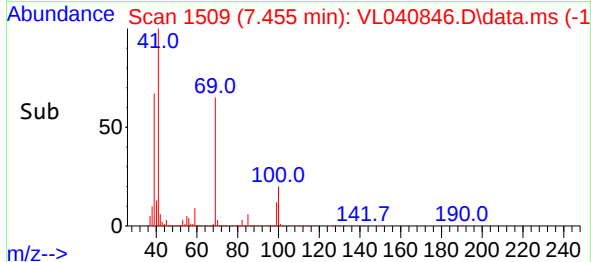
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



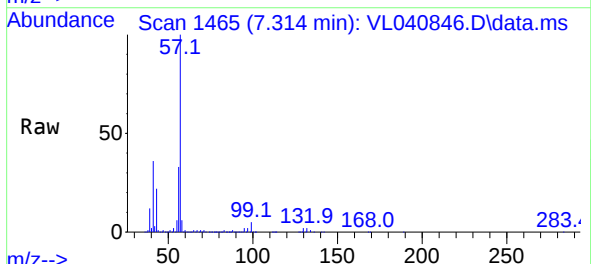
Tgt Ion: 69 Resp: 90884
Ion Ratio Lower Upper
69 100
41 154.4 123.0 184.4
100 31.5 25.4 38.2

Manual Integrations
APPROVED

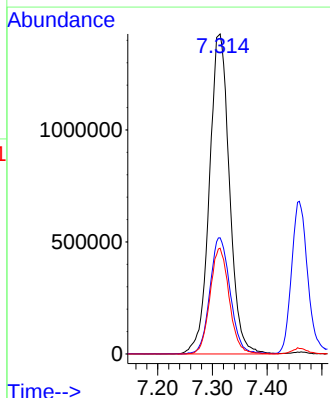
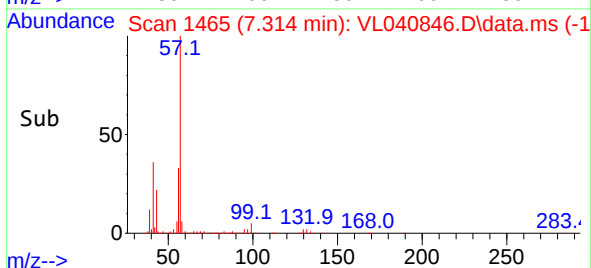
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

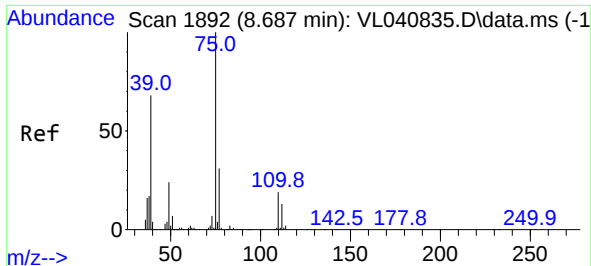


#44
2,2,4-Trimethylpentane
Concen: 9.552 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion: 57 Resp: 3636415
Ion Ratio Lower Upper
57 100
41 36.6 29.0 43.6
56 31.7 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.401 ppbv
RT: 8.693 min Scan# 1894
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :

MSVOA_L

ClientSampleId :

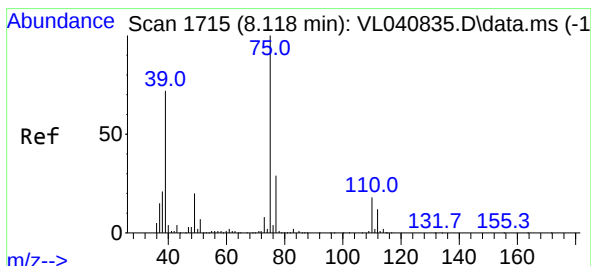
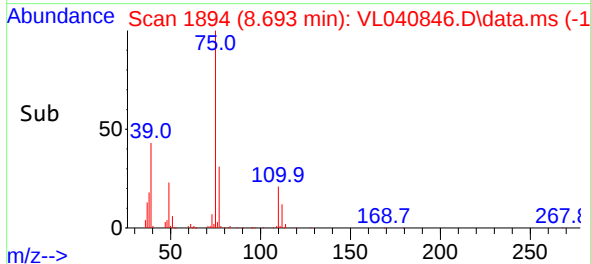
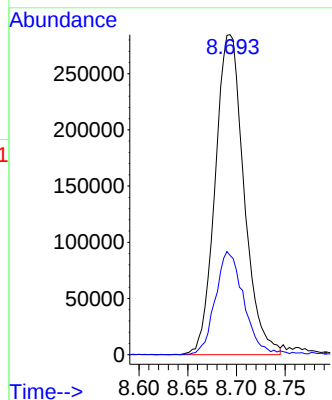
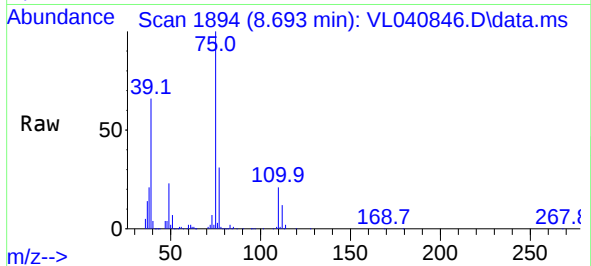
VL1114ABS01

Tgt Ion: 75 Resp: 58514
Ion Ratio Lower Upper
75 100
77 31.0 24.9 37.3

Manual Integrations

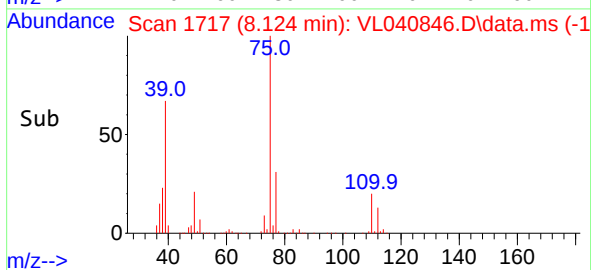
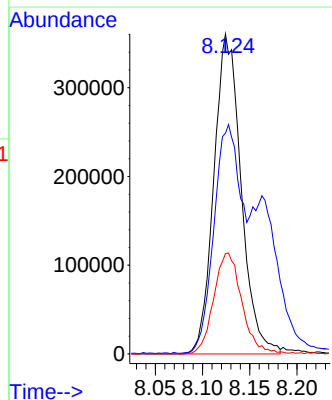
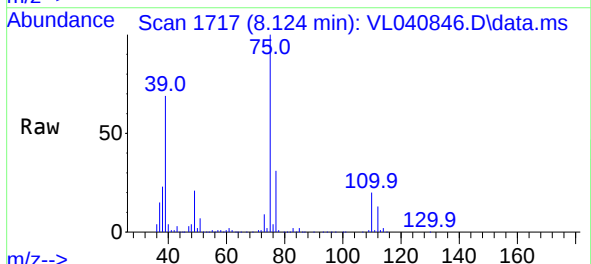
APPROVED

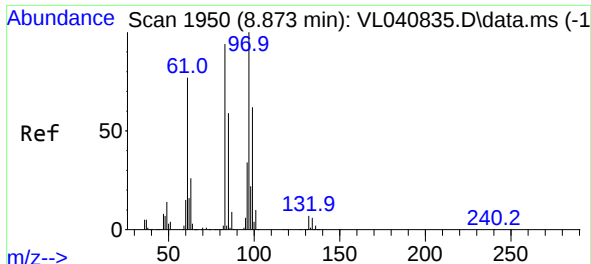
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#46
cis-1,3-Dichloropropene
Concen: 10.851 ppbv
RT: 8.124 min Scan# 1717
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion: 75 Resp: 722108
Ion Ratio Lower Upper
75 100
39 68.8 57.3 85.9
77 31.4 23.0 34.6





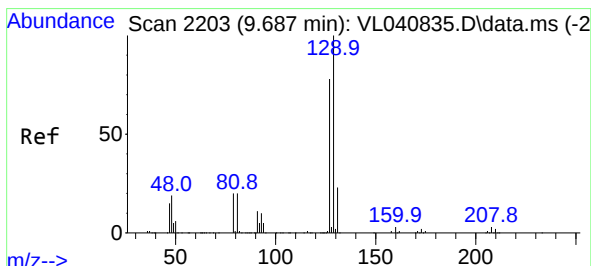
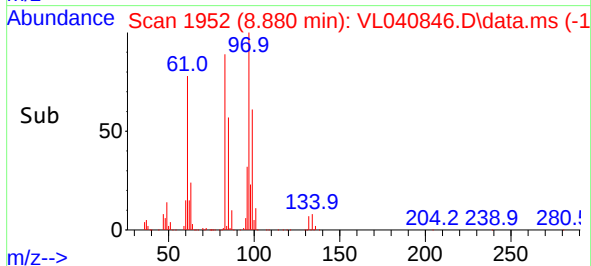
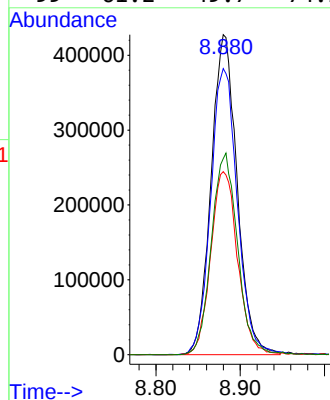
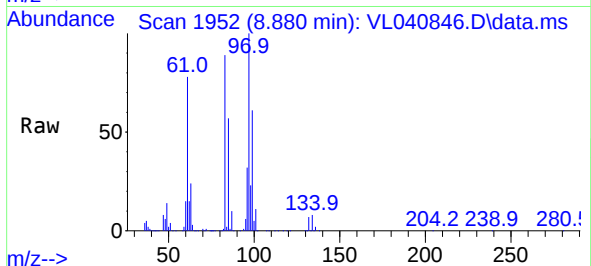
#47
1,1,2-Trichloroethane
Concen: 9.630 ppbv
RT: 8.880 min Scan# 1950
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion: 97 Resp: 91700
Ion Ratio Lower Upper
97 100
83 89.3 74.8 112.2
85 57.1 47.4 71.0
99 61.2 49.7 74.5

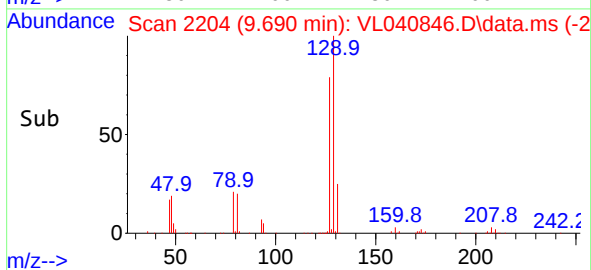
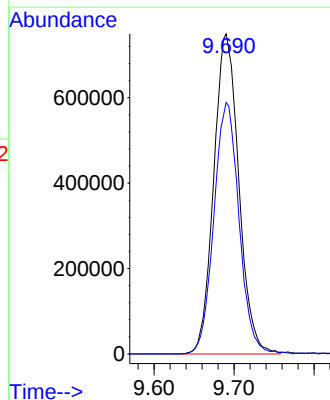
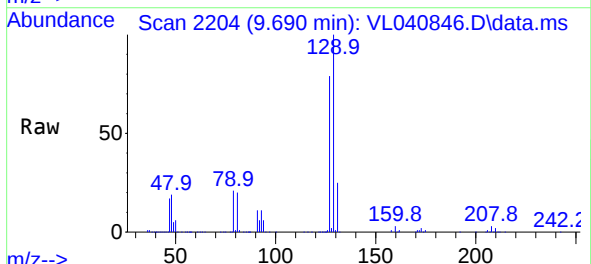
Manual Integrations
APPROVED

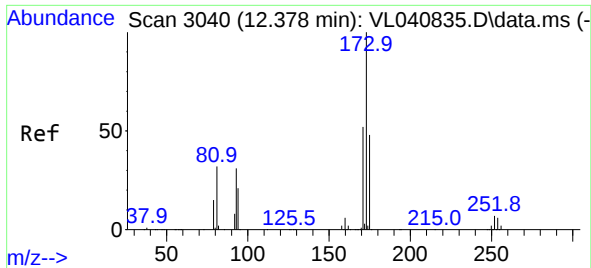
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#48
Dibromochloromethane
Concen: 10.317 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

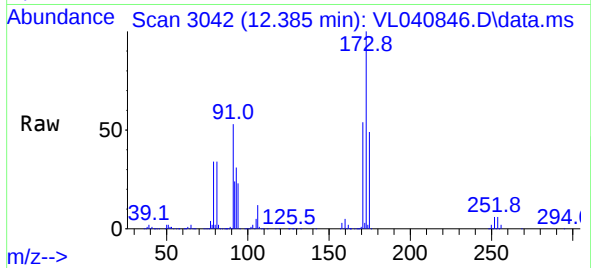
Tgt Ion:129 Resp: 1630117
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.9





#49
Bromoform
Concen: 10.793 ppbv
RT: 12.385 min Scan# 3040
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

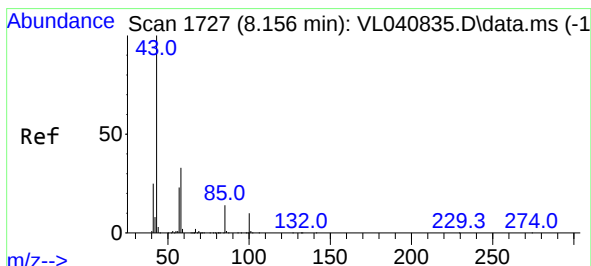
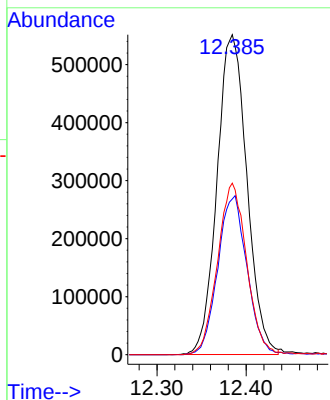
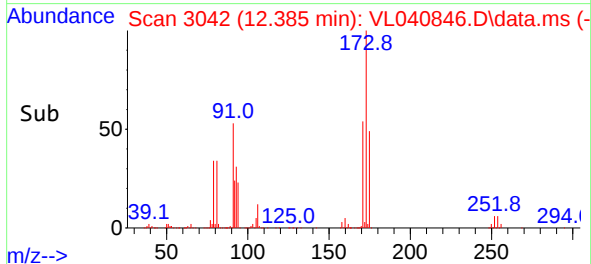
Instrument : MSVOA_L
ClientSampleId : VL1114ABS01



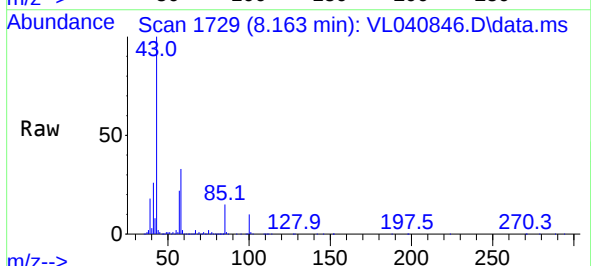
Tgt Ion:173 Resp: 1282650
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
171 52.6 41.8 62.6

Manual Integrations
APPROVED

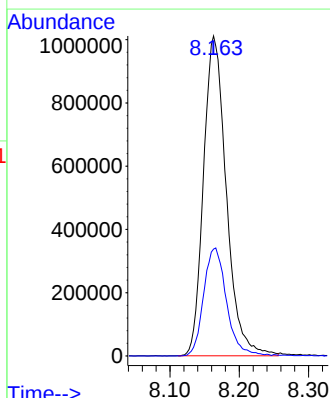
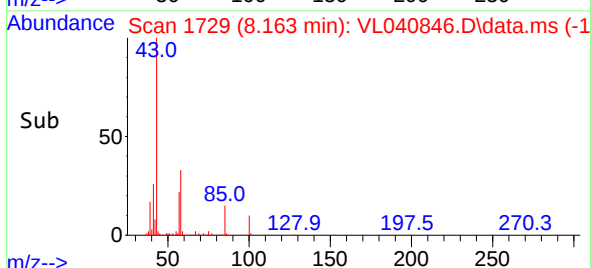
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

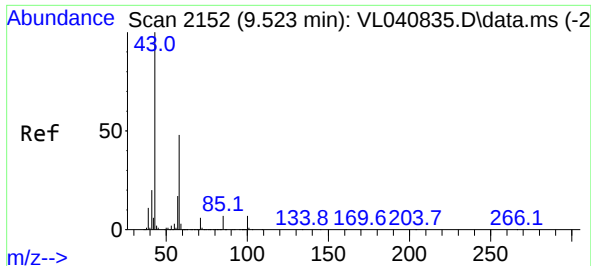


#50
4-Methyl-2-Pentanone
Concen: 10.397 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



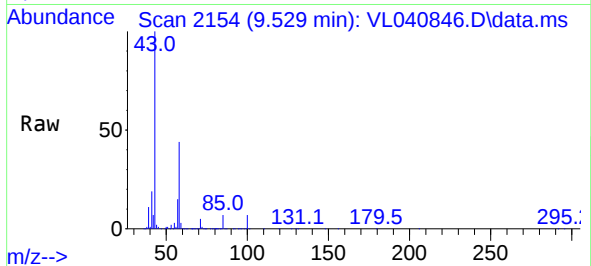
Tgt Ion: 43 Resp: 2314821
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.6





#51
2-Hexanone
Concen: 10.799 ppbv
RT: 9.529 min Scan# 2152
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

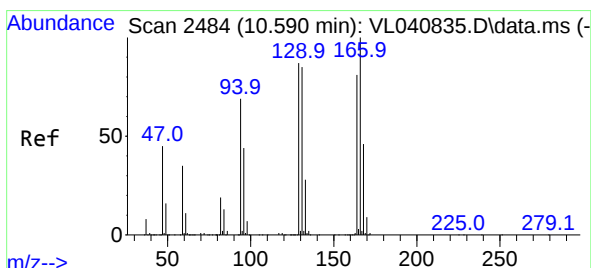
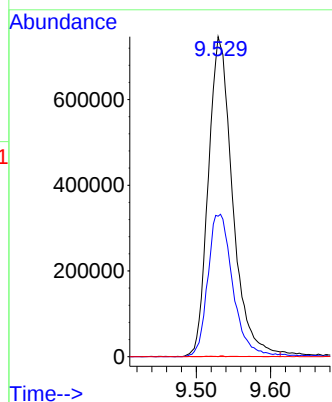
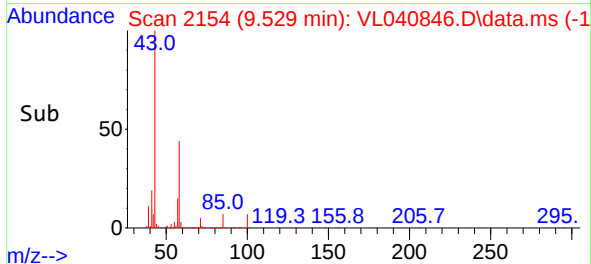
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



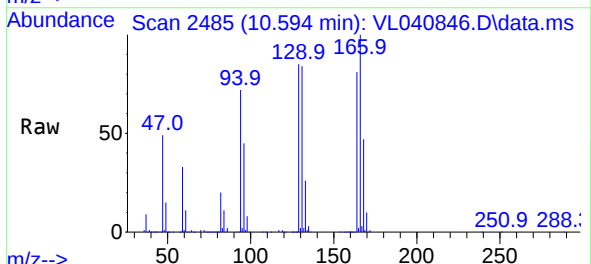
Tgt Ion: 43 Resp: 1694738
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.2
98 0.1 0.2 0.2

Manual Integrations
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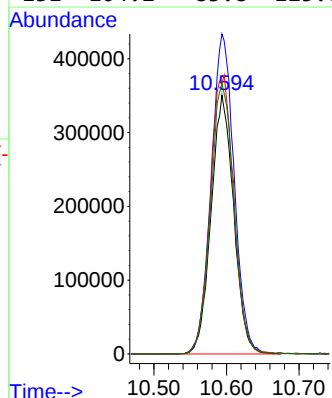
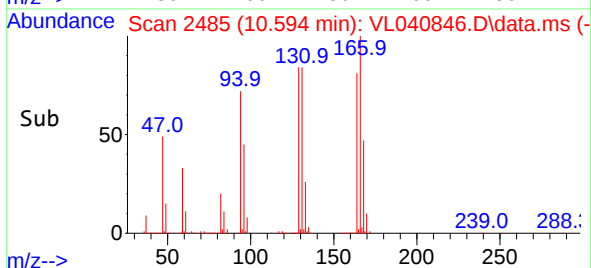
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

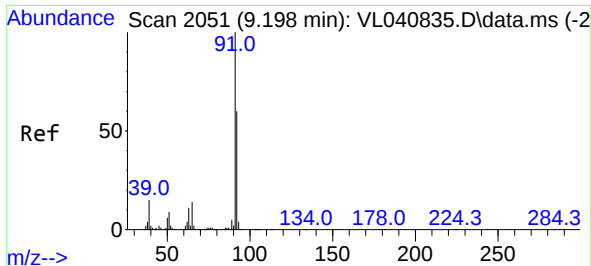


#52
Tetrachloroethene
Concen: 9.819 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion:164 Resp: 757816
Ion Ratio Lower Upper
164 100
166 123.5 98.3 147.5
129 104.3 85.1 127.7
131 104.2 83.8 125.6





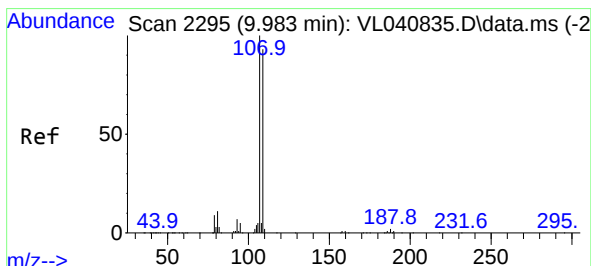
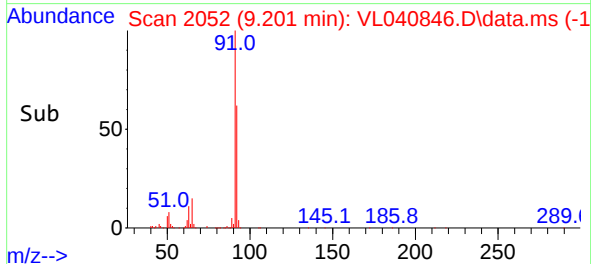
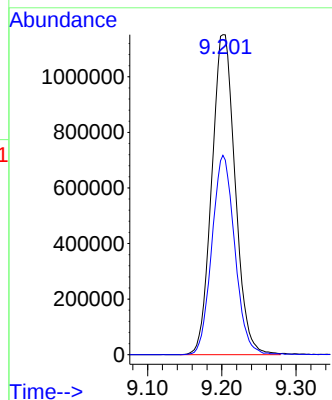
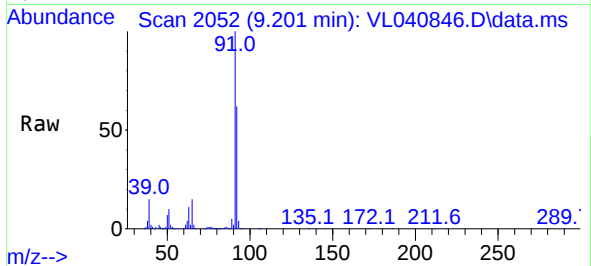
#53
Toluene
Concen: 9.995 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion: 91 Resp: 2520630
Ion Ratio Lower Upper
91 100
92 61.2 49.4 74.2

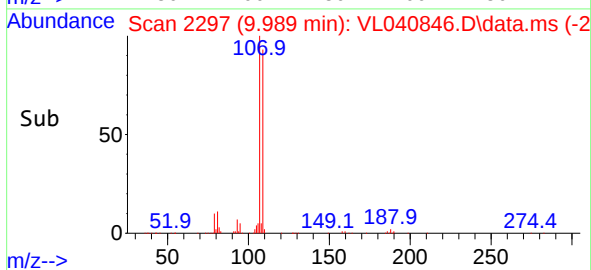
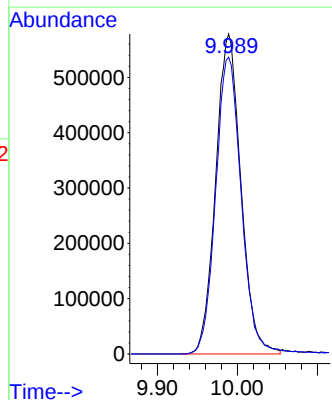
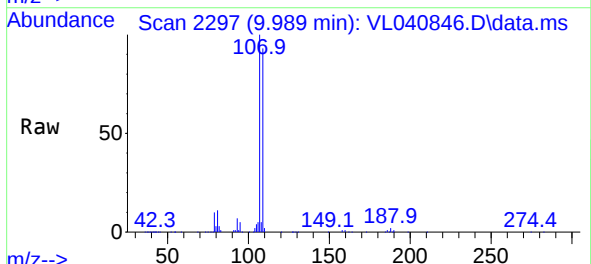
Manual Integrations
APPROVED

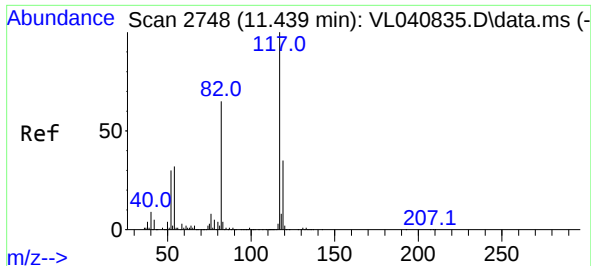
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#54
1,2-Dibromoethane
Concen: 10.331 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion:107 Resp: 1265924
Ion Ratio Lower Upper
107 100
109 92.7 74.5 111.7





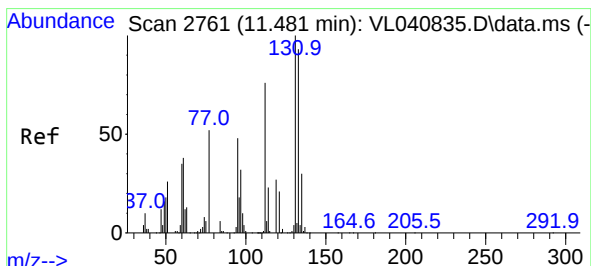
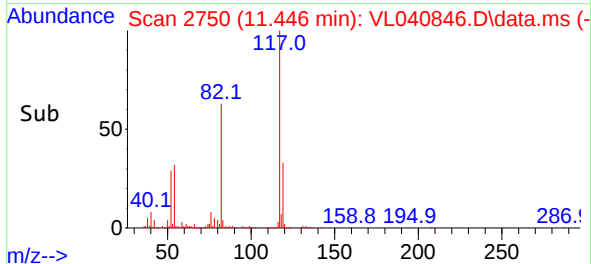
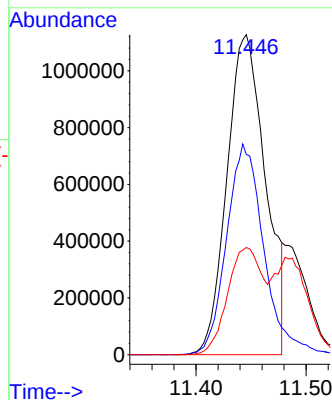
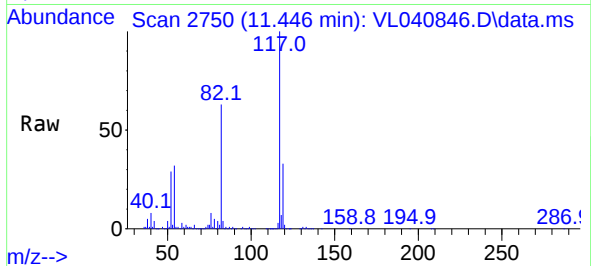
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.446 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion:117 Resp: 2748604
Ion Ratio Lower Upper
117 100
82 63.8 50.6 75.8
119 30.4 23.3 34.9

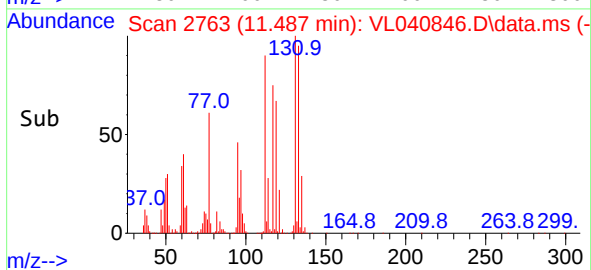
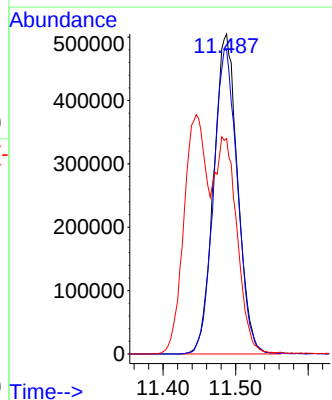
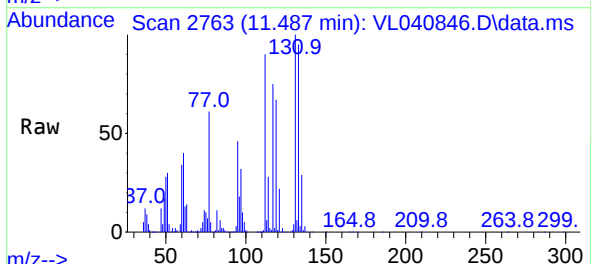
Manual Integrations
APPROVED

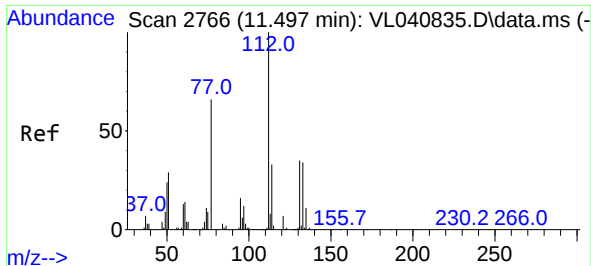
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.838 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

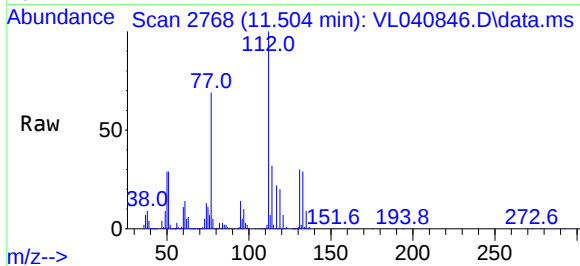
Tgt Ion:131 Resp: 1157290
Ion Ratio Lower Upper
131 100
133 95.5 76.4 114.6
119 60.3 51.1 76.7





#57
Chlorobenzene
Concen: 9.342 ppbv
RT: 11.504 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

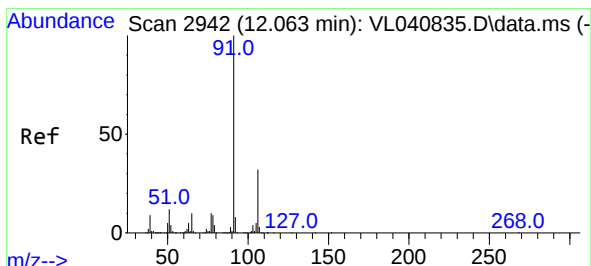
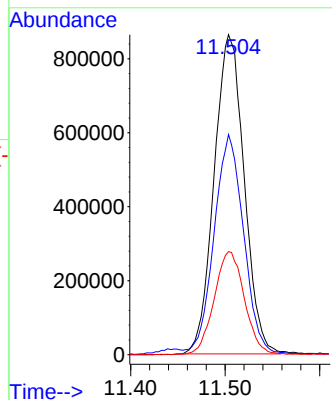
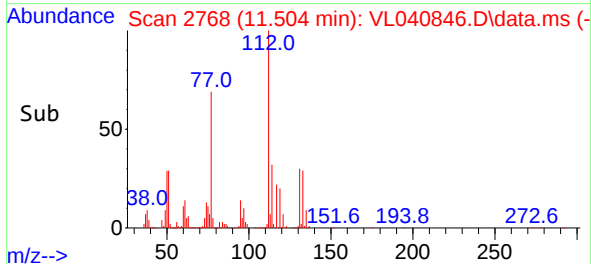
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



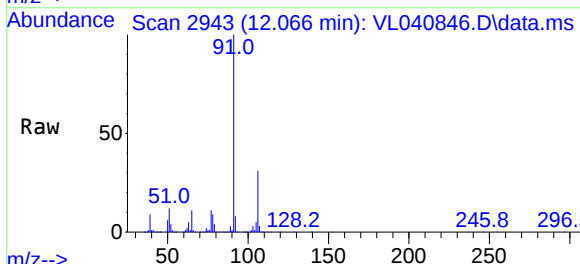
Tgt Ion:112 Resp: 1903208
Ion Ratio Lower Upper
112 100
77 68.3 53.3 79.9
114 32.1 29.3 35.9

Manual Integrations
APPROVED

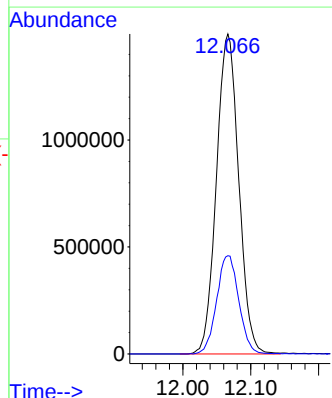
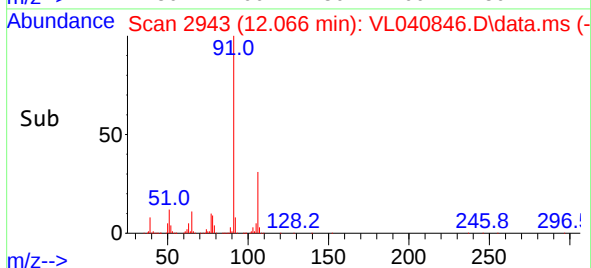
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

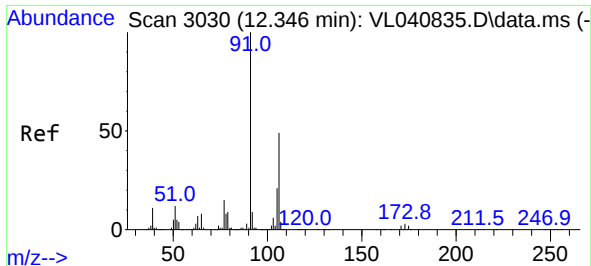


#58
Ethyl Benzene
Concen: 9.522 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion: 91 Resp: 3414682
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8





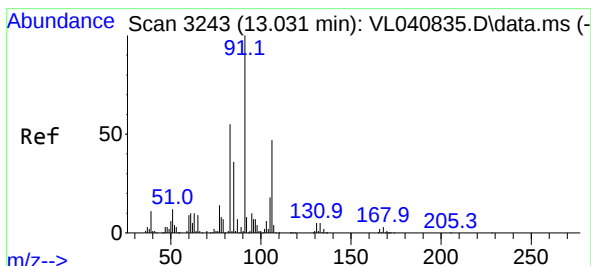
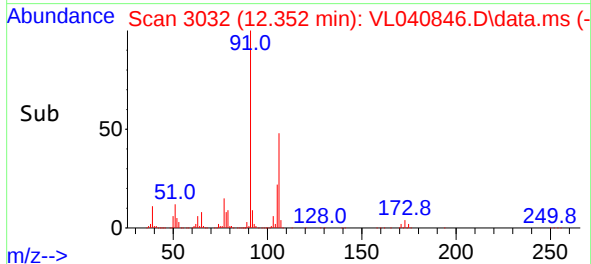
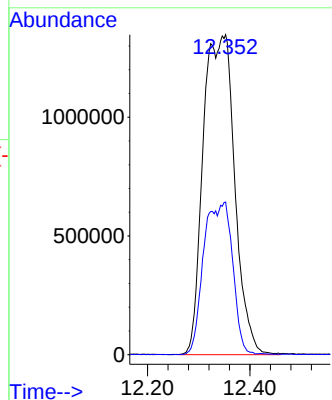
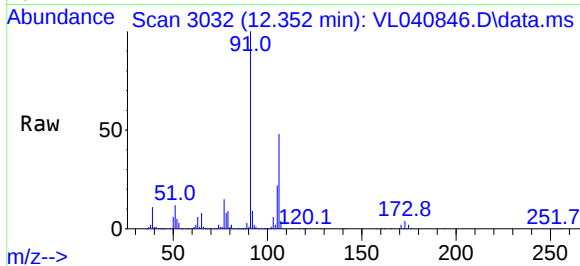
#59
m/p-Xylene
Concen: 18.851 ppbv m
RT: 12.352 min Scan# 3032
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion: 91 Resp: 575696
Ion Ratio Lower Upper
91 100
106 43.8 35.4 53.0

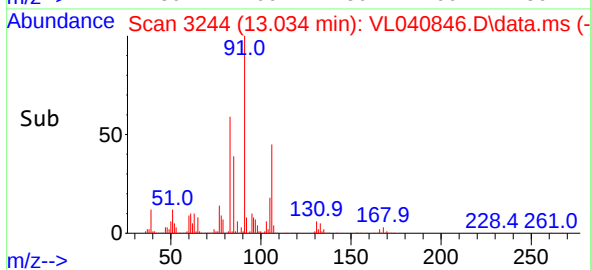
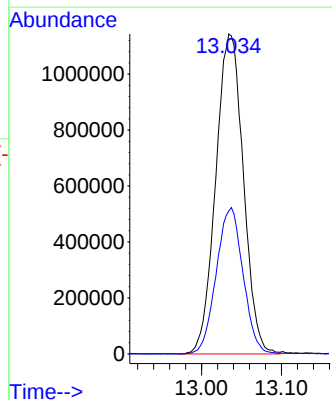
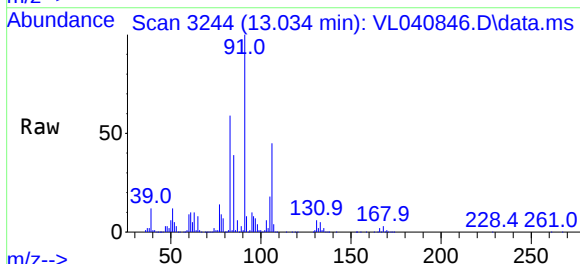
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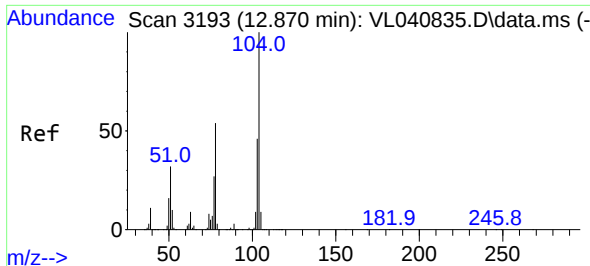
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 9.423 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Tgt Ion: 91 Resp: 2739532
Ion Ratio Lower Upper
91 100
106 44.5 22.9 68.5





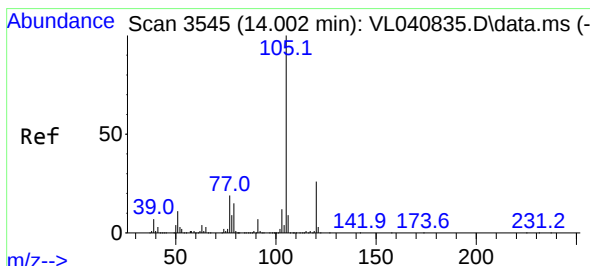
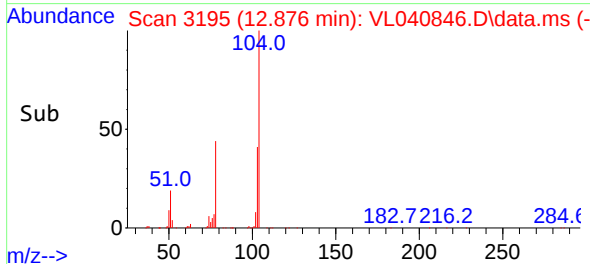
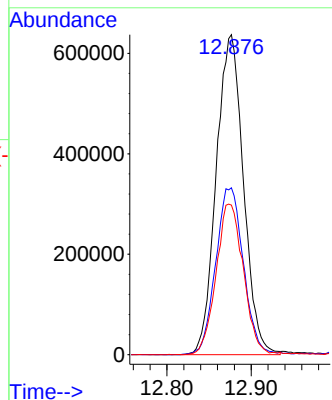
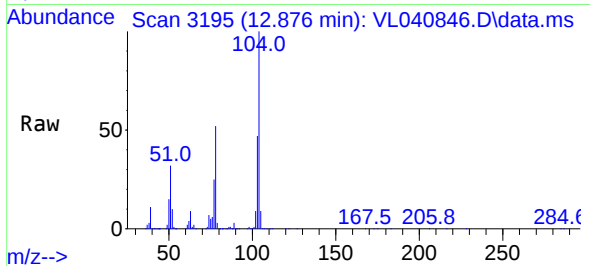
#61
Styrene
Concen: 10.190 ppbv
RT: 12.876 min Scan# 3193
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

Tgt Ion:104 Resp: 142864
Ion Ratio Lower Upper
104 100
78 53.3 43.3 64.9
103 47.6 37.6 56.4

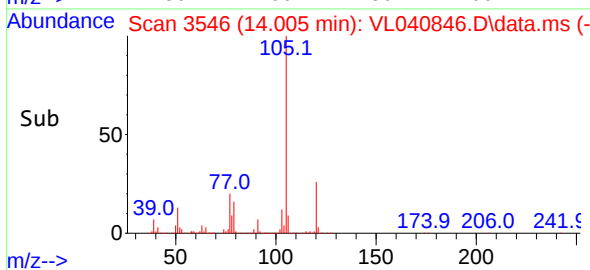
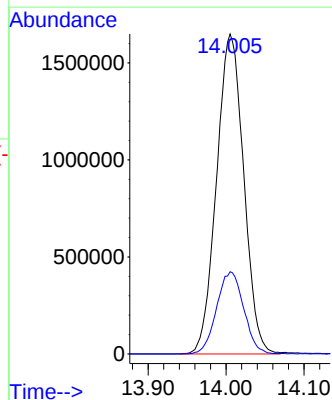
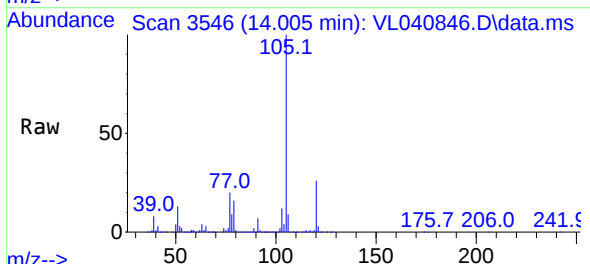
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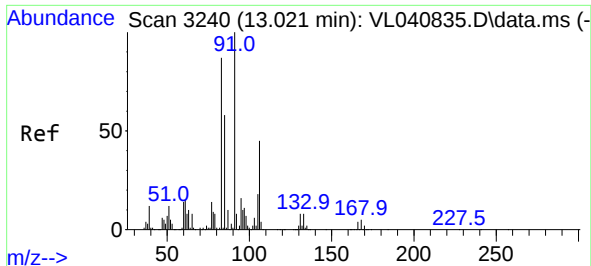
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#62
Isopropylbenzene
Concen: 9.285 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

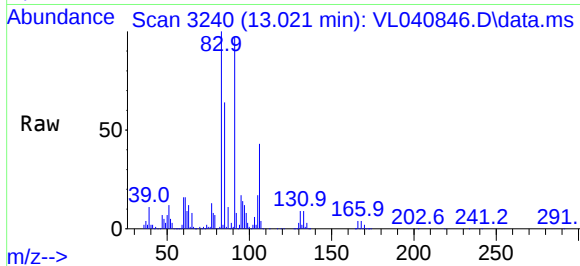
Tgt Ion:105 Resp: 3988063
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.484 ppbv
RT: 13.021 min Scan# 3240
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01

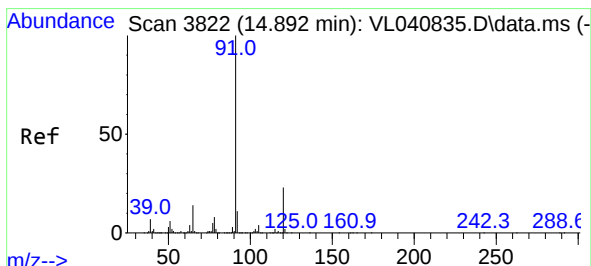
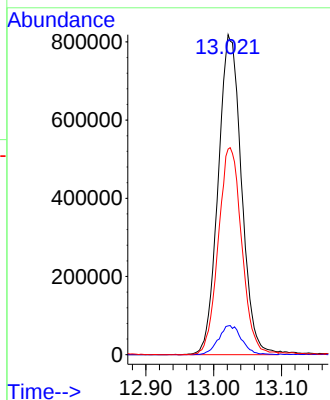
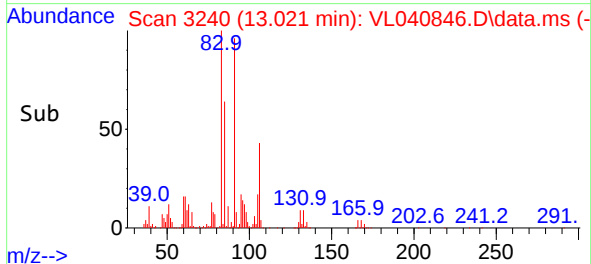


Tgt Ion: 83 Resp: 195431

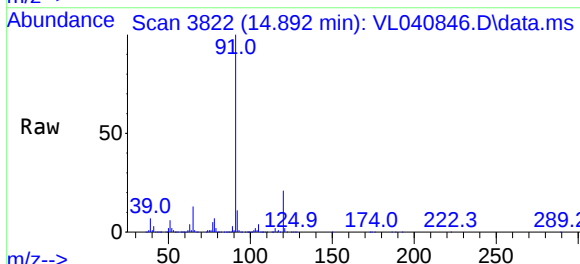
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	66.0	32.9	98.7

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Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

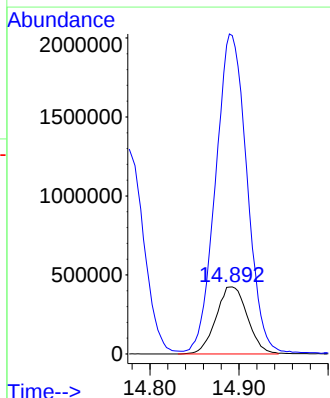
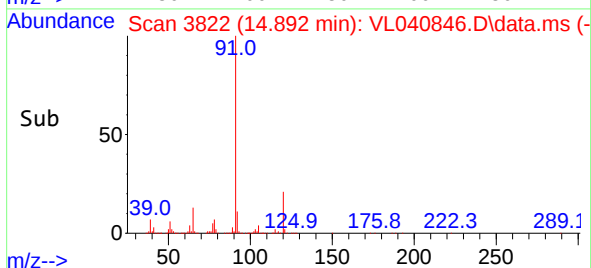


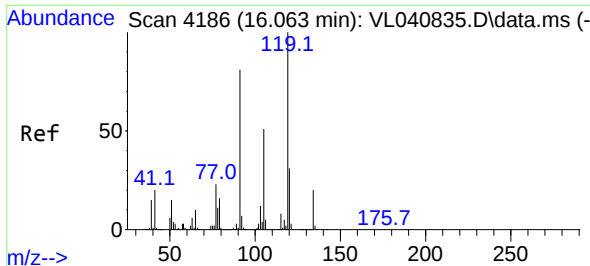
#64
n-propylbenzene
Concen: 9.633 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



Tgt Ion:120 Resp: 1036949

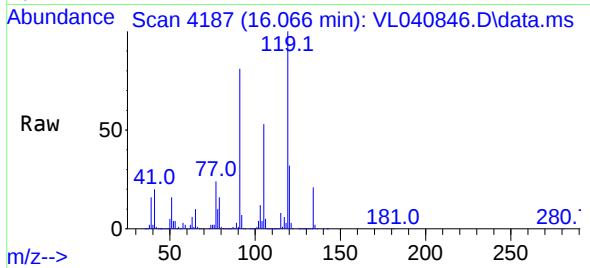
Ion	Ratio	Lower	Upper
120	100		
91	479.8	381.1	571.7





#65
tert-Butylbenzene
Concen: 9.522 ppbv
RT: 16.066 min Scan# 4186
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

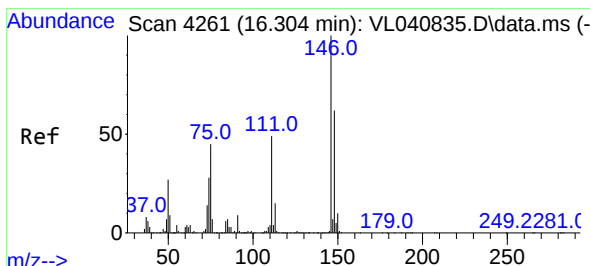
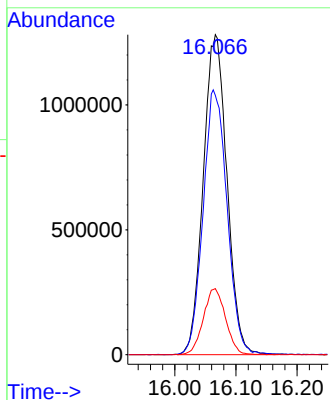
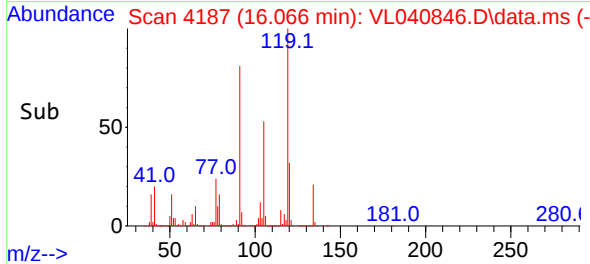
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



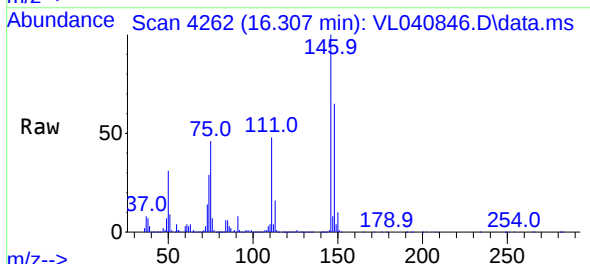
Tgt Ion:119 Resp: 3448624
Ion Ratio Lower Upper
119 100
91 84.3 67.5 101.3
134 19.4 15.9 23.9

Manual Integrations
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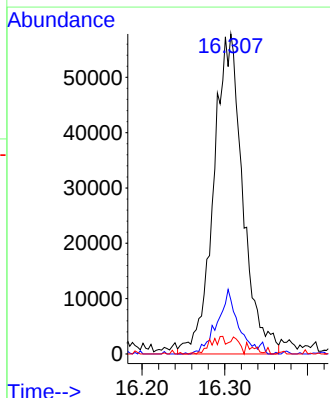
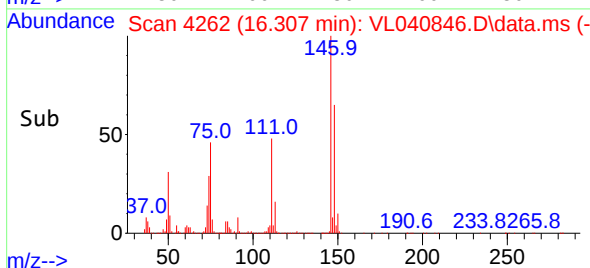
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

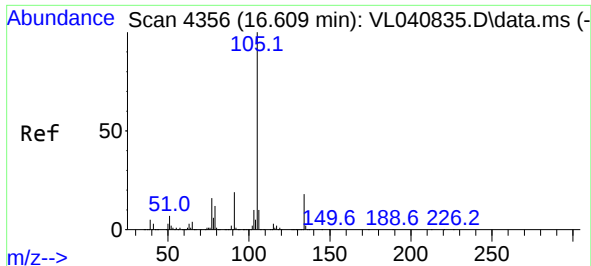


#66
Benzyl Chloride
Concen: 10.628 ppbv m
RT: 16.307 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



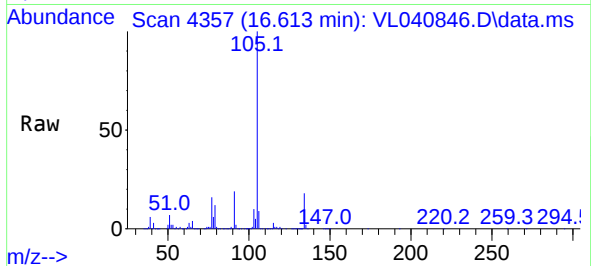
Tgt Ion: 91 Resp: 141832
Ion Ratio Lower Upper
91 100
126 14.8 12.8 19.2
128 5.8 0.0 0.0





#67
 sec-Butylbenzene
 Concen: 9.373 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37

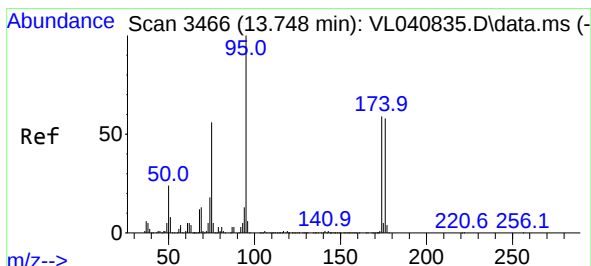
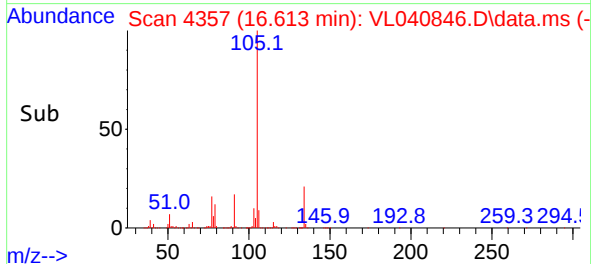
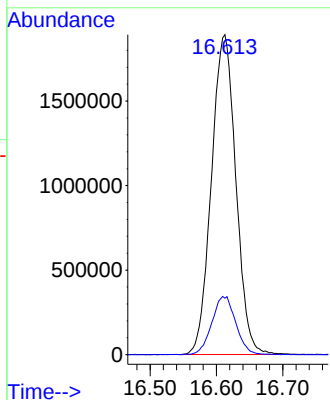
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1114ABS01



Tgt Ion:105 Resp: 4849254
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

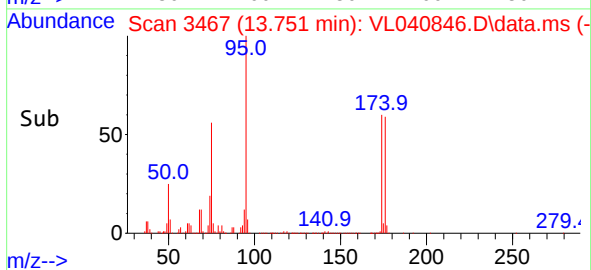
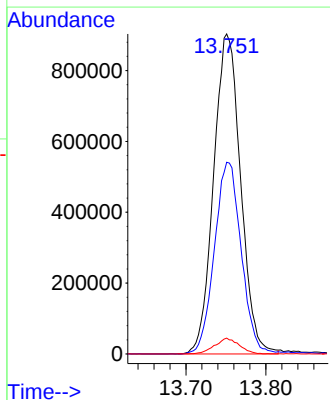
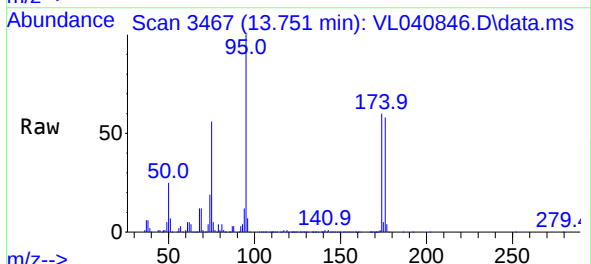
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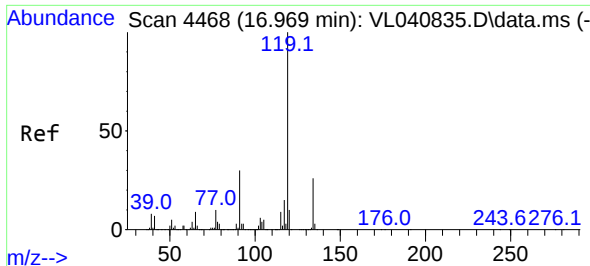
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.842 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL040846.D
 Acq: 14 Nov 2023 11:37

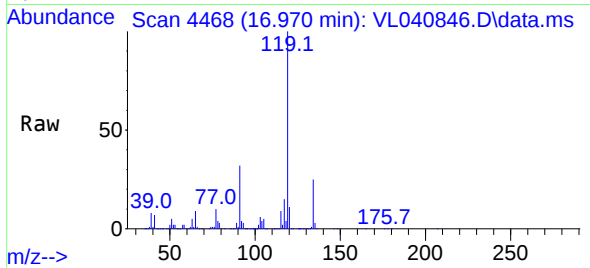
Tgt Ion: 95 Resp: 2117976
 Ion Ratio Lower Upper
 95 100
 174 60.2 47.5 71.3
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.504 ppbv
RT: 16.970 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

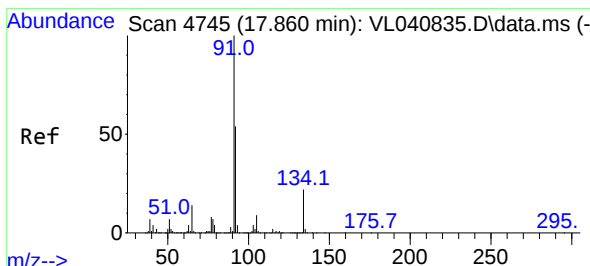
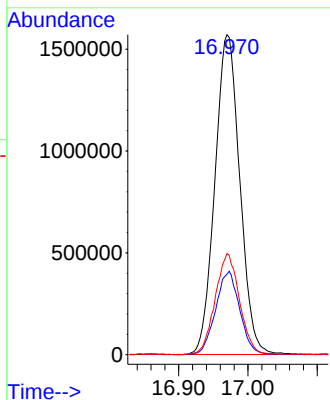
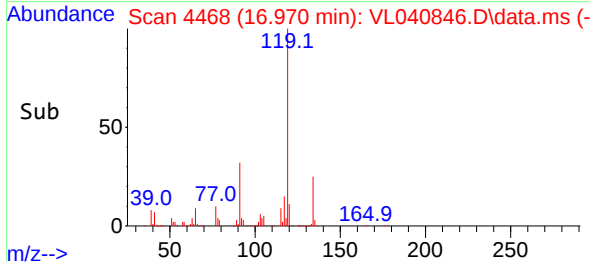
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



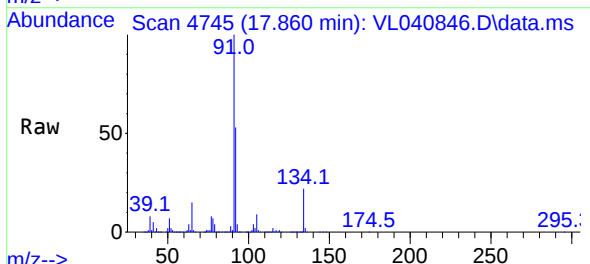
Tgt Ion:119 Resp: 392069
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 30.9 24.7 37.1

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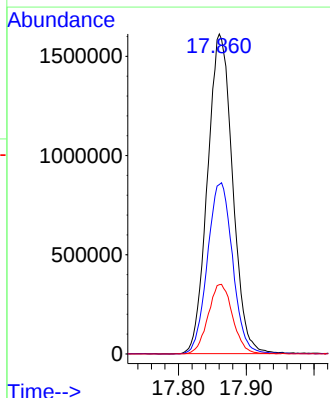
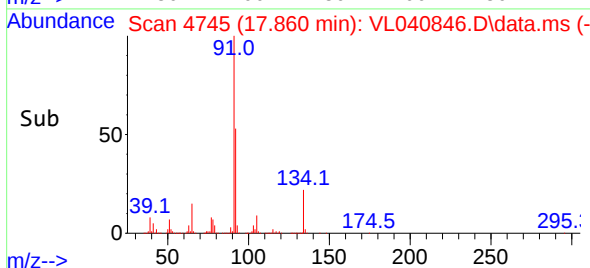
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

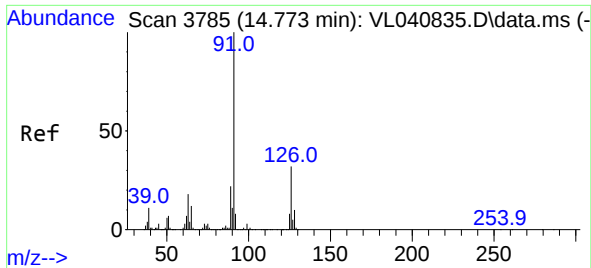


#70
n-Butylbenzene
Concen: 9.496 ppbv
RT: 17.860 min Scan# 4745
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



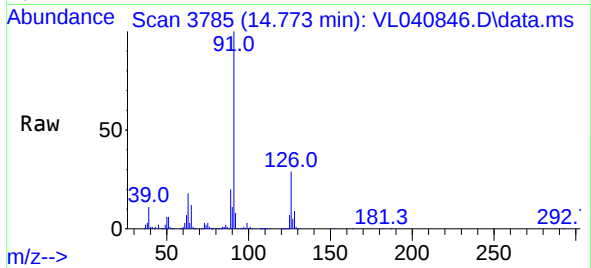
Tgt Ion: 91 Resp: 4136610
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.2
134 21.4 17.4 26.0





#71
2-Chlorotoluene
Concen: 9.485 ppbv
RT: 14.773 min Scan# 3105458
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

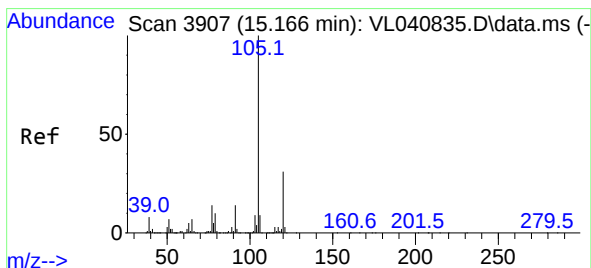
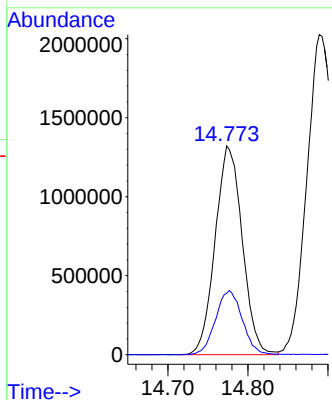
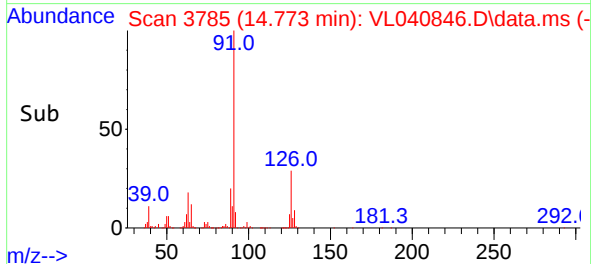
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



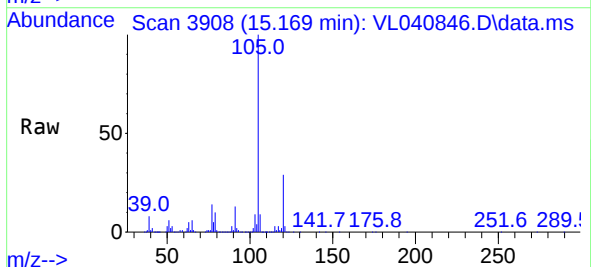
Tgt Ion: 91 Resp: 3105458
Ion Ratio Lower Upper
91 100
126 30.4 12.1 48.5

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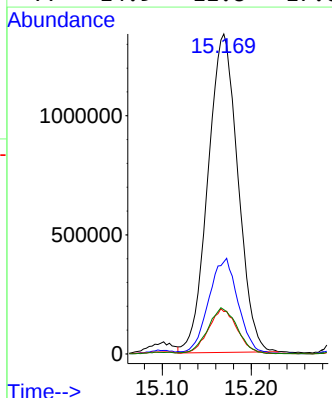
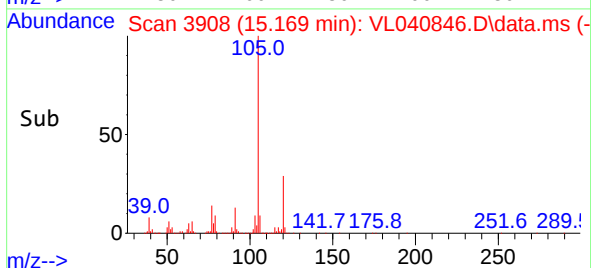
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

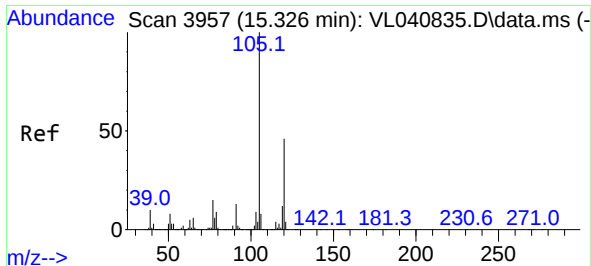


#72
4-Ethyltoluene
Concen: 9.786 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



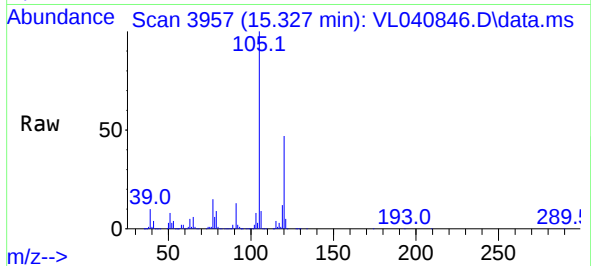
Tgt Ion:105 Resp: 3127518
Ion Ratio Lower Upper
105 100
120 29.8 24.5 36.7
91 13.6 10.6 16.0
77 14.9 11.8 17.6





#73
1,3,5-Trimethylbenzene
Concen: 9.501 ppbv
RT: 15.327 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

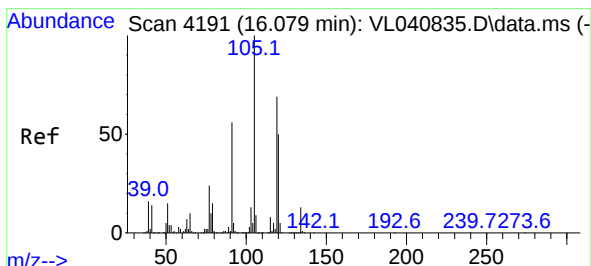
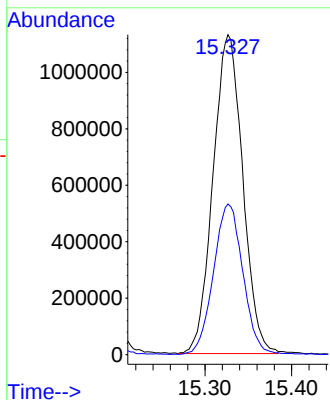
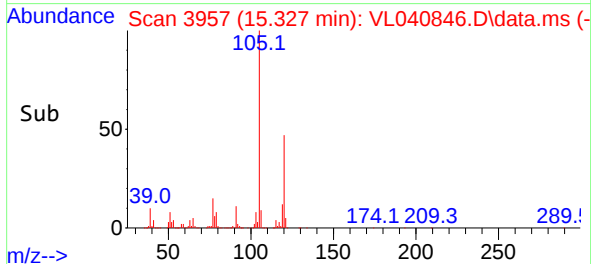
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



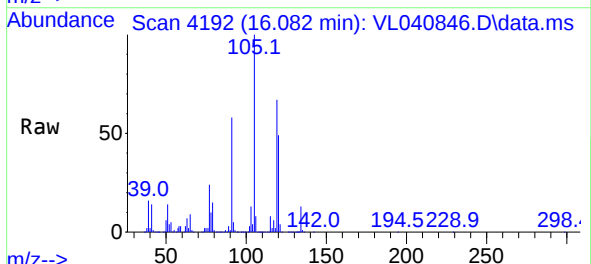
Tgt Ion:105 Resp: 268543
Ion Ratio Lower Upper
105 100
120 47.2 36.8 55.2

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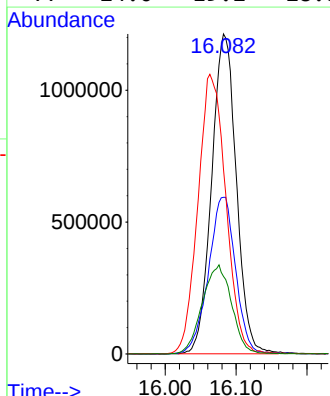
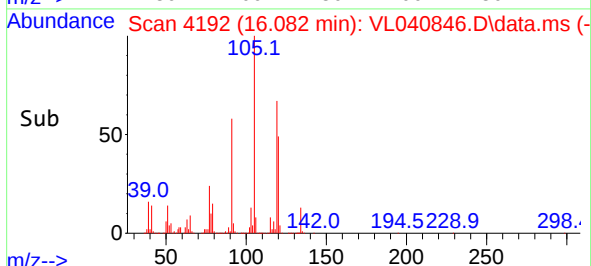
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

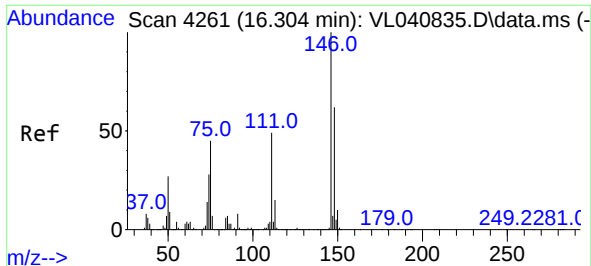


#74
1,2,4-Trimethylbenzene
Concen: 9.302 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



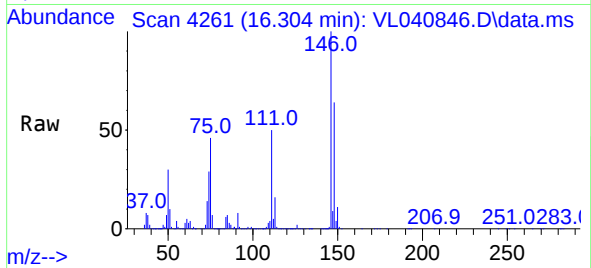
Tgt Ion:105 Resp: 2934103
Ion Ratio Lower Upper
105 100
120 48.7 40.2 60.2
91 57.5 45.7 68.5
77 24.0 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.522 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

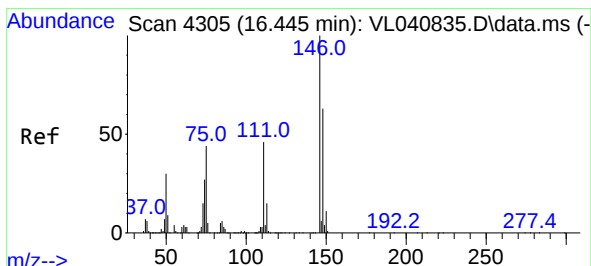
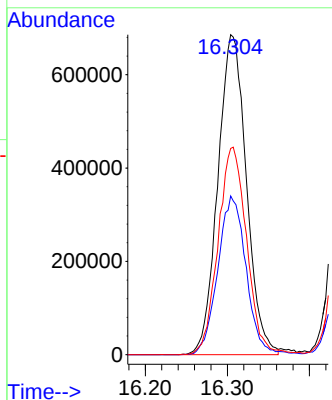
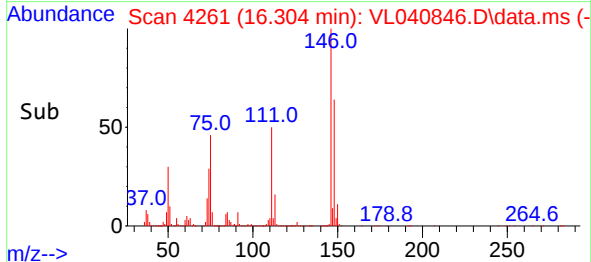
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



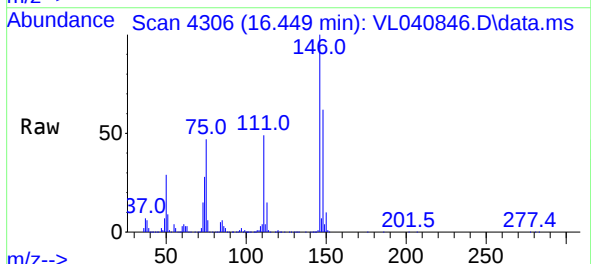
Tgt Ion:146 Resp: 1658450
Ion Ratio Lower Upper
146 100
111 49.3 24.9 74.8
148 65.2 32.1 96.5

Manual Integrations
APPROVED

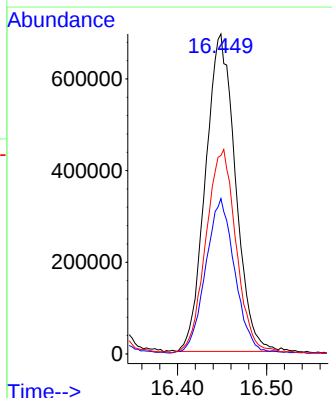
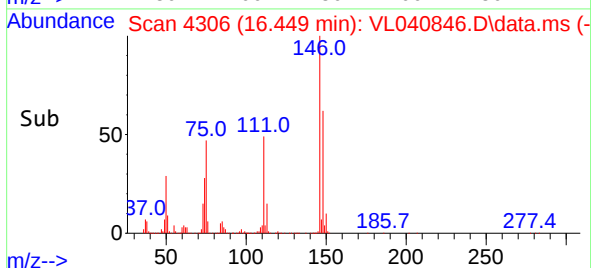
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

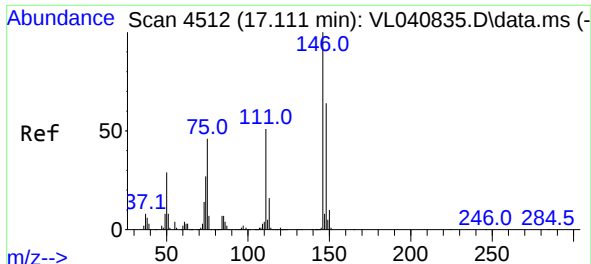


#76
1,4-Dichlorobenzene
Concen: 9.683 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



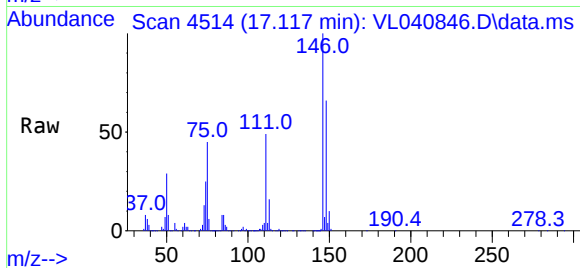
Tgt Ion:146 Resp: 1614662
Ion Ratio Lower Upper
146 100
111 48.5 24.1 72.4
148 66.0 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 9.354 ppbv
RT: 17.117 min Scan# 4514
Delta R.T. 0.007 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

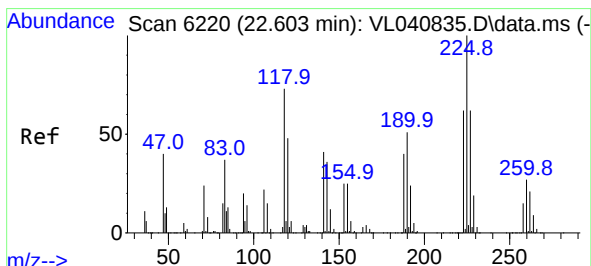
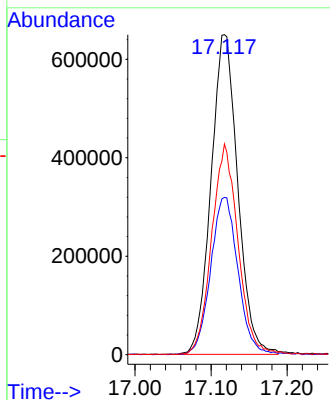
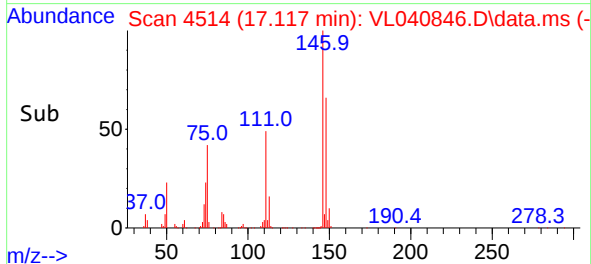
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



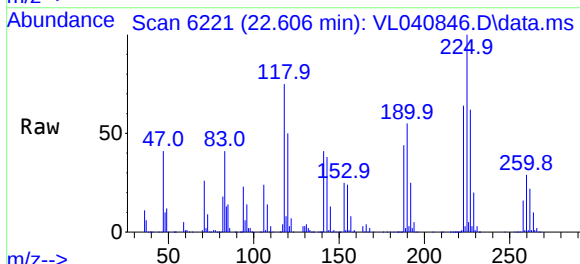
Tgt Ion:146 Resp: 1584130
Ion Ratio Lower Upper
146 100
111 50.8 25.7 77.1
148 65.2 32.3 96.9

Manual Integrations
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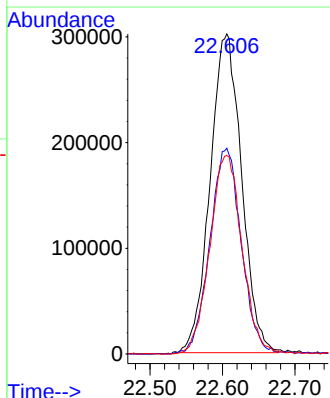
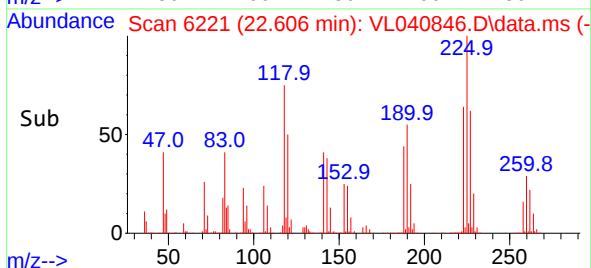
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

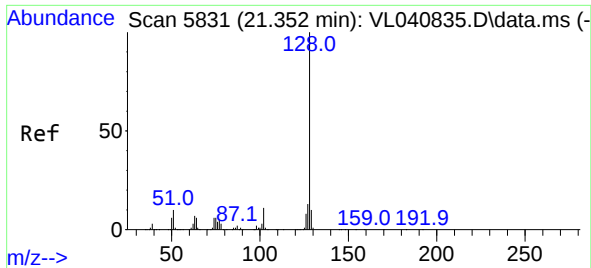


#78
Hexachloro-1,3-Butadiene
Concen: 8.578 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. 0.003 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



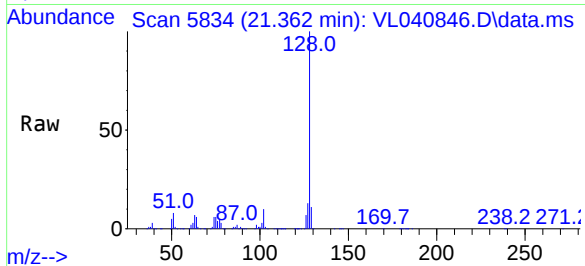
Tgt Ion:225 Resp: 909595
Ion Ratio Lower Upper
225 100
223 65.1 51.1 76.7
227 63.9 50.8 76.2





#79
Naphthalene
Concen: 12.414 ppbv
RT: 21.362 min Scan# 5834
Delta R.T. 0.010 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

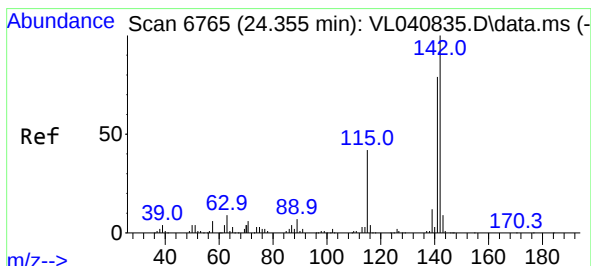
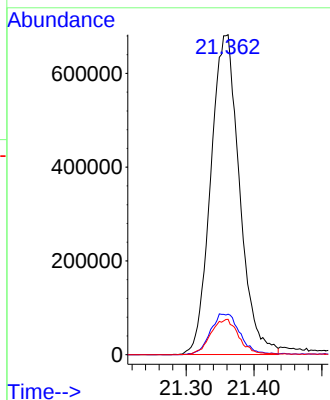
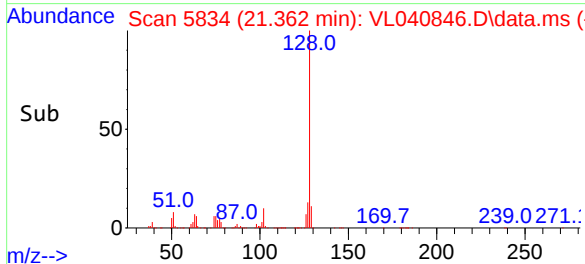
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



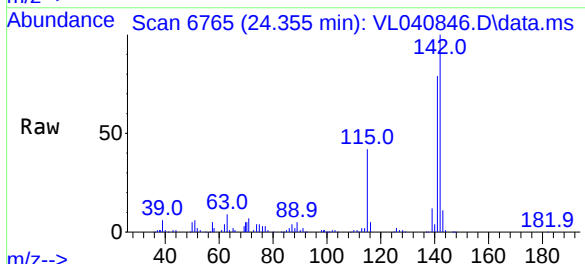
Tgt Ion:128 Resp: 201256
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.3 12.5

Manual Integrations
APPROVED

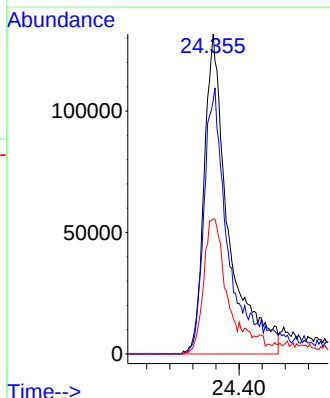
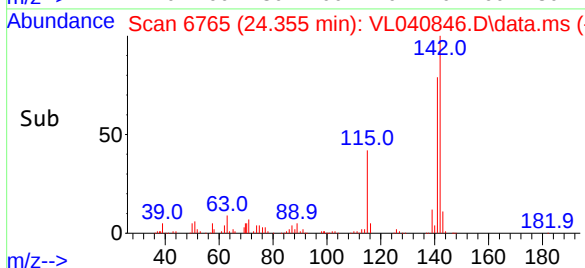
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

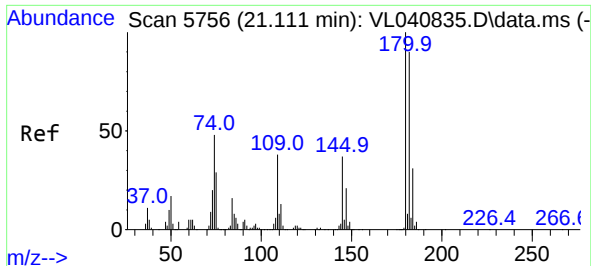


#80
Naphthalene,2-methyl-
Concen: 13.426 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37



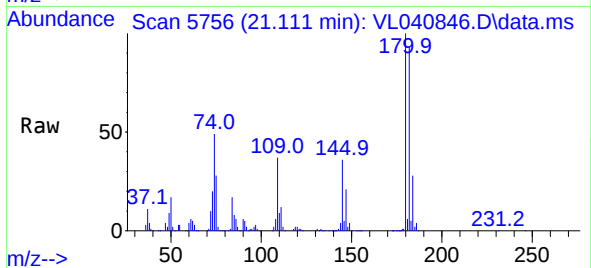
Tgt Ion:142 Resp: 384236
Ion Ratio Lower Upper
142 100
141 90.9 65.8 98.8
115 46.5 35.6 53.4





#81
1,2,4-Trichlorobenzene
Concen: 10.362 ppbv
RT: 21.111 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL040846.D
Acq: 14 Nov 2023 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABS01



Tgt Ion:180 Resp: 1021294
Ion Ratio Lower Upper
180 100
182 98.4 77.6 116.4
184 30.0 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

