

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040267.D
 Acq On : 13 Mar 2023 16:20
 Operator : SY/MD
 Sample : VL0313ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 04:54:01 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	894569	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2281413	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2199488	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.789 95 1796769 9.934 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1608255	9.646	ppbv	100
3) Chlorodifluoromethane	2.661	51	1090325	10.203	ppbv	98
4) Chloromethane	2.803	50	670989	9.996	ppbv	95
5) Vinyl Chloride	2.909	62	586148	10.866	ppbv	99
6) Bromomethane	3.108	94	200200	10.283	ppbv	97
7) Chloroethane	3.189	64	220505	10.308	ppbv	100
8) Dichlorotetrafluoroethane	2.845	85	1493788	10.398	ppbv	99
9) Propene	2.681	41	432395	9.926	ppbv	99
10) Heptane	7.584	43	1121915	10.821	ppbv	99
11) Trichlorofluoromethane	3.555	101	1589376	10.624	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	1180942	10.701	ppbv	98
13) Ethanol	3.237	45	28569m	7.124	ppbv	
14) Bromoethene	3.359	108	457205	10.804	ppbv	98
15) Acetone	3.459	43	1048592	9.736	ppbv	99
16) 1,3-Butadiene	2.976	39	532497	10.826	ppbv	100
17) tert-Butyl alcohol	3.870	59	1064468	10.837	ppbv	100
18) 1,1-Dichloroethene	3.873	96	519758	10.839	ppbv	98
19) Isopropyl Alcohol	3.565	45	472920	9.237	ppbv	98
20) Methylene Chloride	3.928	84	435117	7.761	ppbv	94
21) Allyl Chloride	3.989	41	705154	10.675	ppbv	97
22) trans-1,2-Dichloroethene	4.439	96	525539	10.584	ppbv	90
23) Vinyl Acetate	4.623	43	344410	10.537	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1092716	10.695	ppbv	99
25) Ethyl Acetate	5.201	43	2055843	10.268	ppbv	100
26) Hexane	5.211	57	848461	9.872	ppbv	99
27) Carbon Disulfide	4.118	76	1287915	11.809	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	961577	10.441	ppbv	99
29) Chloroform	5.275	83	1507258	10.213	ppbv	100
30) Cyclohexane	6.606	84	730473	10.823	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	808956	9.906	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1540950	11.113	ppbv	100
34) 2-Butanone	4.783	43	1161506	10.321	ppbv	99
35) Carbon Tetrachloride	6.500	117	1607045	11.915	ppbv	99
36) Benzene	6.375	78	1827831	10.295	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1189725	10.714	ppbv	98
38) Trichloroethene	7.298	130	1108757	11.333	ppbv	99
39) 1,2-Dichloropropane	7.079	63	712462	10.316	ppbv	98
40) 1,4-Dioxane	7.291	88	260416	9.426	ppbv	77
41) Tetrahydrofuran	5.555	42	674170	10.337	ppbv	99
42) Bromodichloromethane	7.256	83	1700868	11.098	ppbv	98
43) Methyl Methacrylate	7.481	69	741295	11.284	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	3107797	10.486	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	711132	12.203	ppbv	98

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 04:54:01 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	968927	11.935	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	766199	10.257	ppbv	97
48) Dibromochloromethane	9.722	129	1350491	11.303	ppbv	99
49) Bromoform	12.420	173	1070609	11.480	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	1958404	11.207	ppbv	99
51) 2-Hexanone	9.561	43	1524032	11.341	ppbv #	98
52) Tetrachloroethene	10.629	164	609907	11.001	ppbv	98
53) Toluene	9.230	91	2106960	11.080	ppbv	98
54) 1,2-Dibromoethane	10.021	107	860329	11.069	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	983918	10.657	ppbv	96
57) Chlorobenzene	11.539	112	1614200	10.045	ppbv	99
58) Ethyl Benzene	12.101	91	2889769	10.813	ppbv	99
59) m/p-Xylene	12.384	91	5065579m	21.401	ppbv	
60) o-Xylene	13.072	91	2442228	10.723	ppbv	99
61) Styrene	12.912	104	1357115	11.350	ppbv	99
62) Isopropylbenzene	14.044	105	3417824	10.455	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.063	83	809663	9.865	ppbv	100
64) n-propylbenzene	14.931	120	850675	10.514	ppbv	94
65) tert-Butylbenzene	16.105	119	2972177	10.459	ppbv	98
66) Benzyl Chloride	16.339	91	196921	10.413	ppbv	99
67) sec-Butylbenzene	16.654	105	4232195	10.385	ppbv	100
69) p-Isopropyltoluene	17.011	119	3359687	10.399	ppbv	99
70) n-Butylbenzene	17.902	91	3638626	10.376	ppbv	99
71) 2-Chlorotoluene	14.818	91	2612751	10.450	ppbv	99
72) 4-Ethyltoluene	15.207	105	2722782	10.815	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2448816	10.453	ppbv	97
74) 1,2,4-Trimethylbenzene	16.121	105	2665744	10.359	ppbv	92
75) 1,3-Dichlorobenzene	16.346	146	1411417	10.022	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1373786	9.955	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1353958	9.679	ppbv	100
78) Hexachloro-1,3-Butadiene	22.657	225	916697	9.539	ppbv	100
79) Naphthalene	21.403	128	1811244	12.529	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	367601	8.942	ppbv	98
81) 1,2,4-Trichlorobenzene	21.159	180	974716	10.774	ppbv	99

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

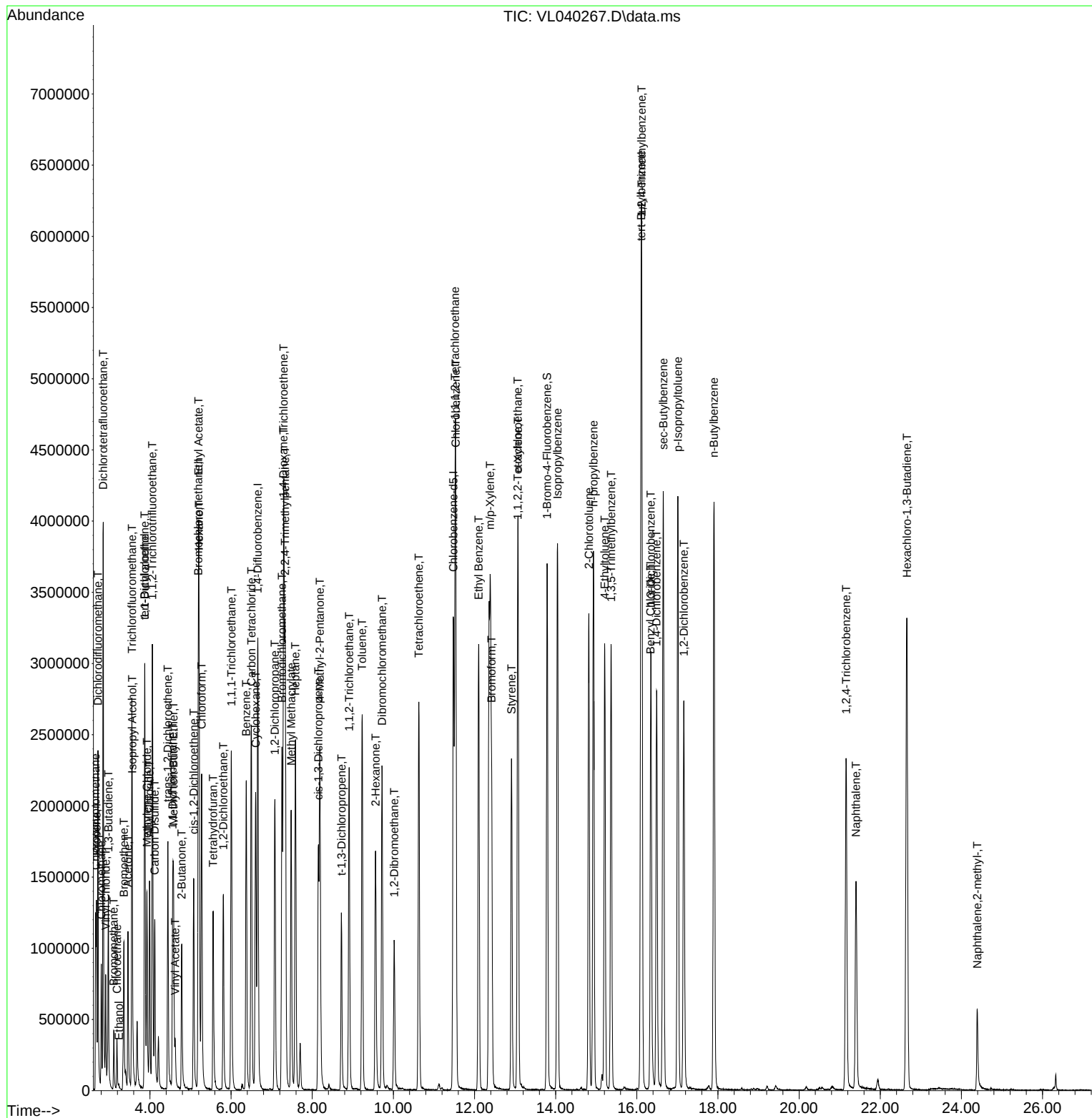
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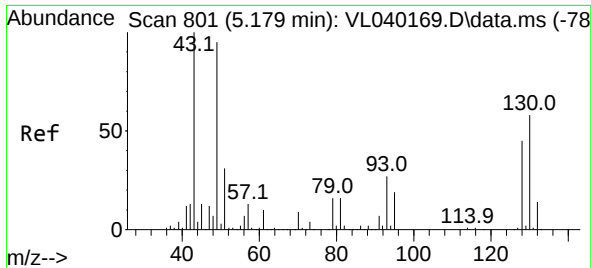
Instrument :
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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
 QLast Update : Tue Mar 14 04:52:39 2023
 Response via : Initial Calibration





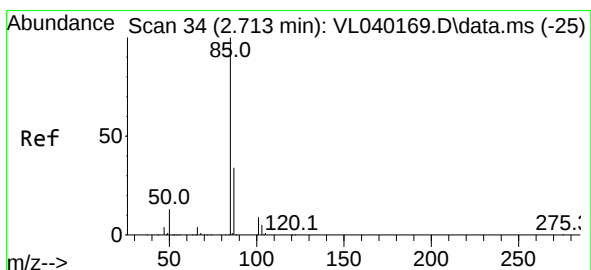
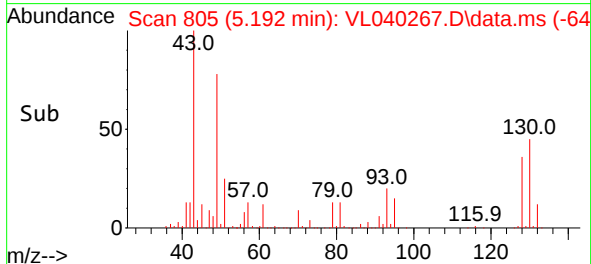
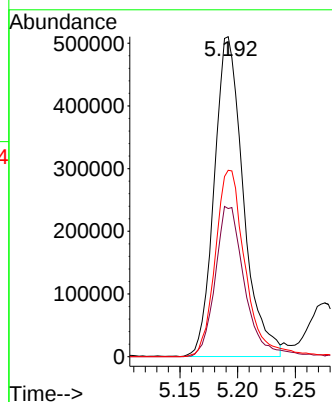
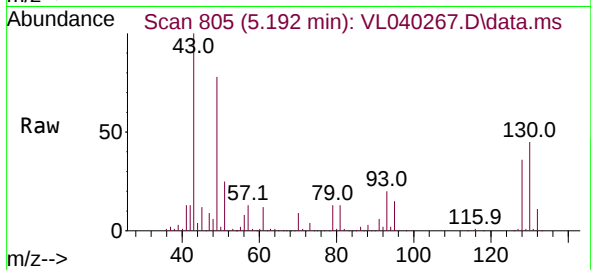
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
Client Sample Id :
VL0313ABS01

Tgt Ion: 49 Resp: 894569
Ion Ratio Lower Upper
49 100
128 48.6 24.1 72.3
130 61.1 30.9 92.8

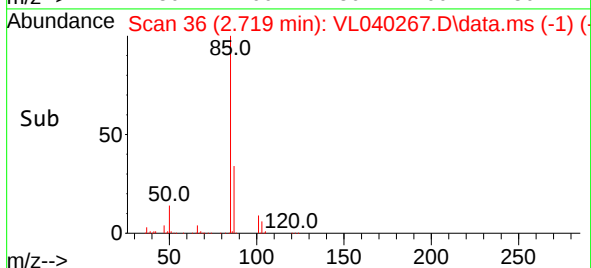
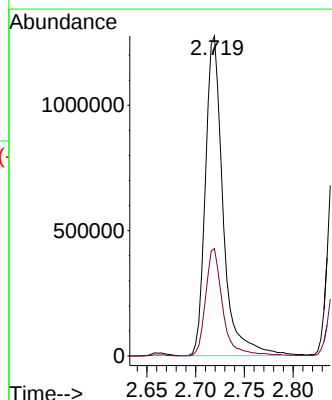
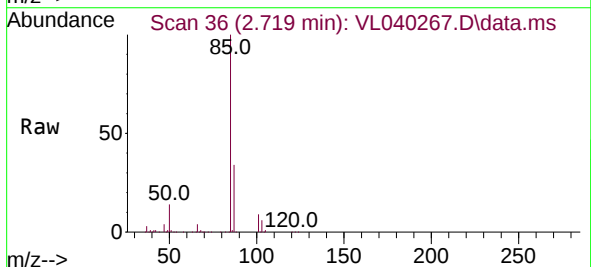
Manual Integrations
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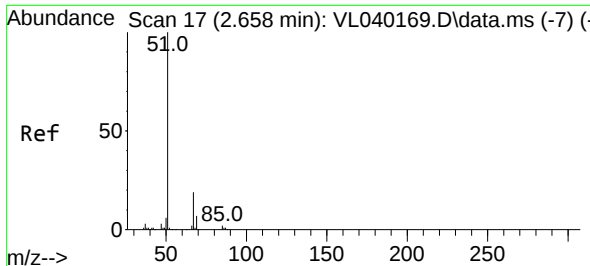
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 9.646 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 85 Resp: 1608255
Ion Ratio Lower Upper
85 100
87 33.6 27.0 40.6





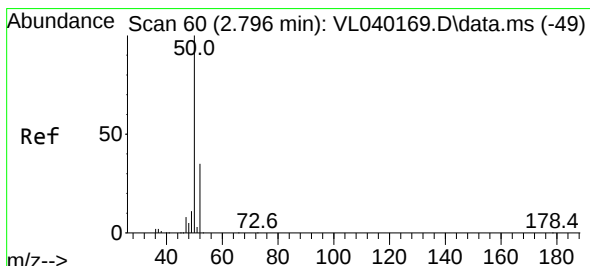
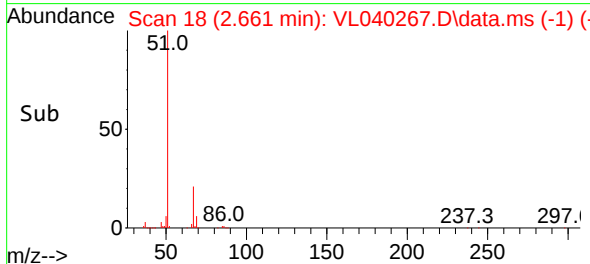
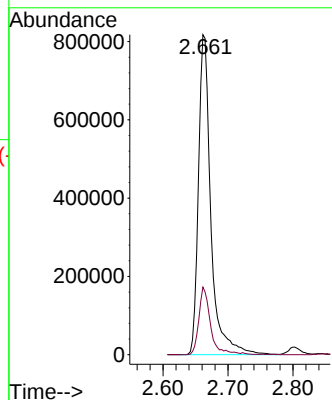
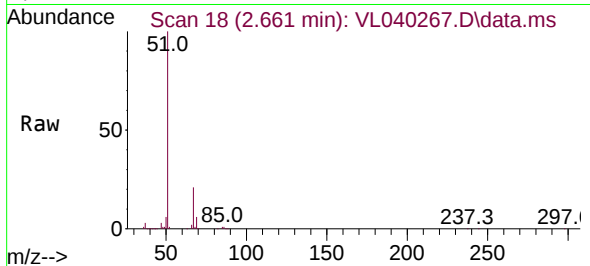
#3
Chlorodifluoromethane
Concen: 10.203 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion: 51 Resp: 109032
Ion Ratio Lower Upper
51 100
67 20.1 15.4 23.2

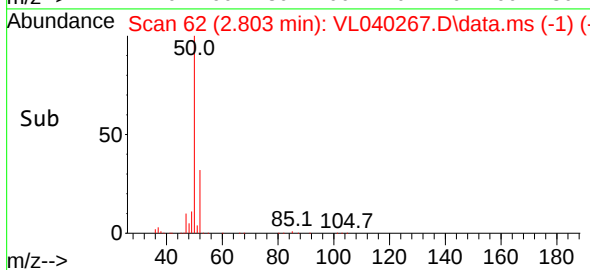
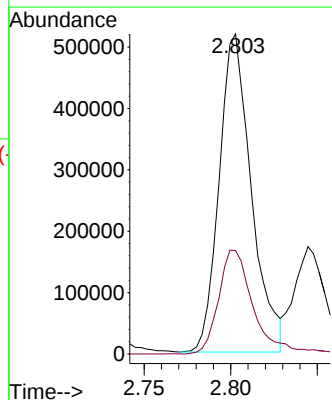
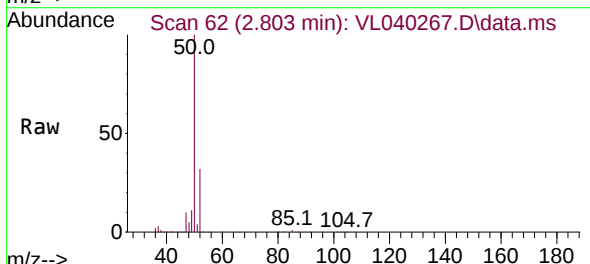
Manual Integrations
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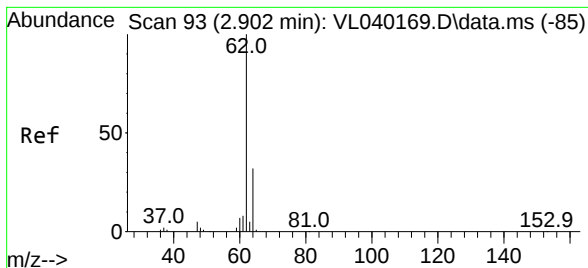
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Chloromethane
Concen: 9.996 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 50 Resp: 670989
Ion Ratio Lower Upper
50 100
52 32.5 28.3 42.5





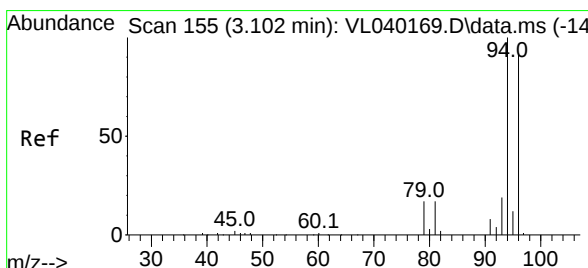
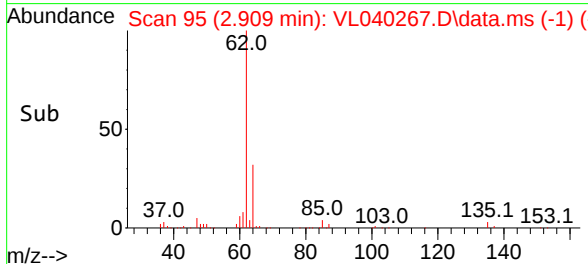
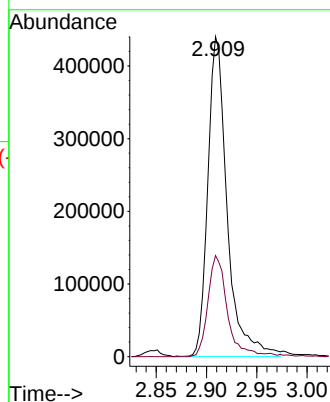
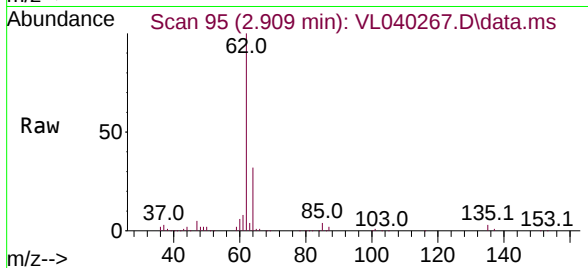
#5
 Vinyl Chloride
 Concen: 10.866 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABS01

Tgt Ion: 62 Resp: 586148
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.6 38.4

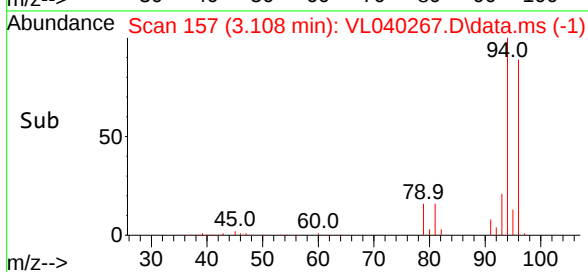
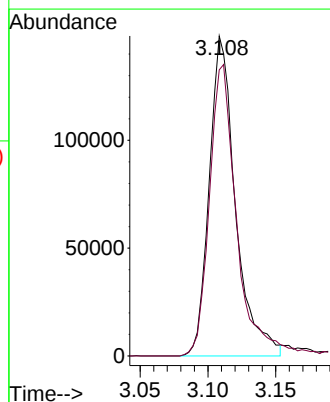
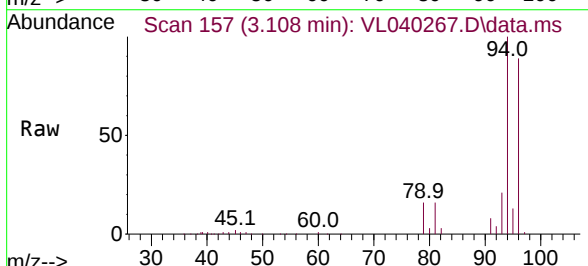
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#6
 Bromomethane
 Concen: 10.283 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

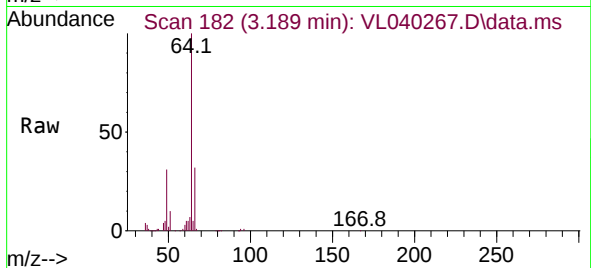
Tgt Ion: 94 Resp: 200200
 Ion Ratio Lower Upper
 94 100
 96 89.4 73.4 110.2





#7
Chloroethane
Concen: 10.308 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

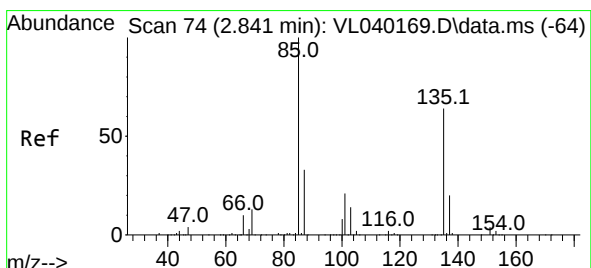
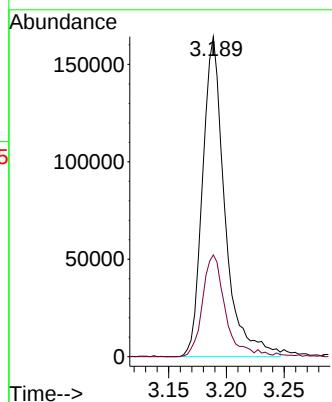
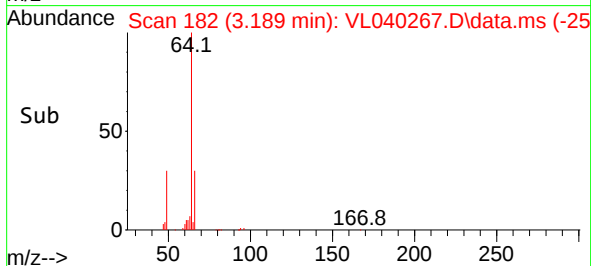
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



Tgt Ion: 64 Resp: 22050
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

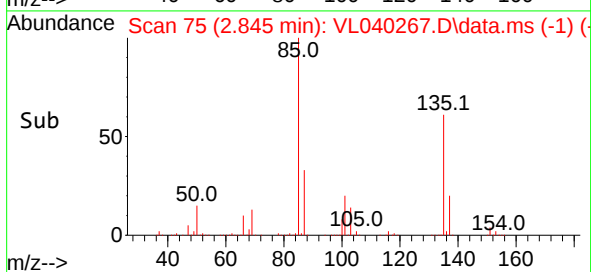
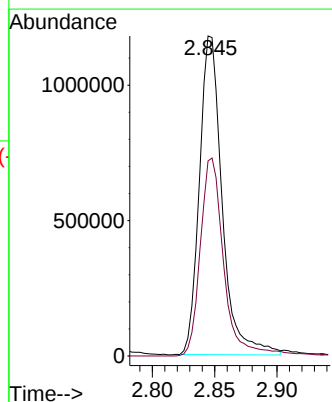
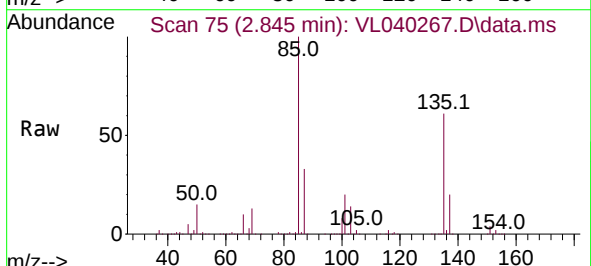
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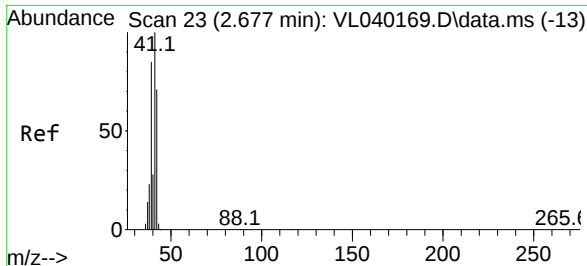
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#8
Dichlorotetrafluoroethane
Concen: 10.398 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

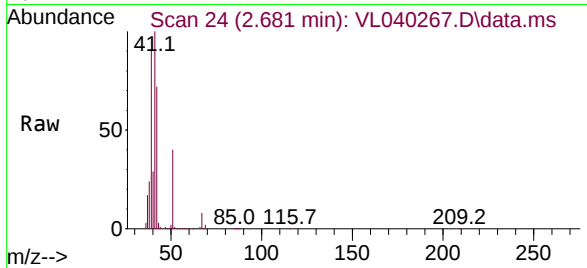
Tgt Ion: 85 Resp: 1493788
Ion Ratio Lower Upper
85 100
135 64.8 51.5 77.3





#9
 Propene
 Concen: 9.926 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

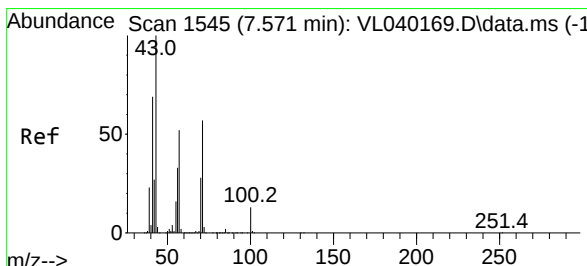
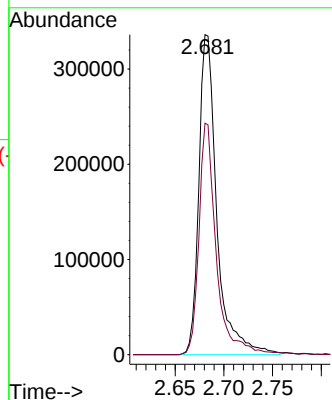
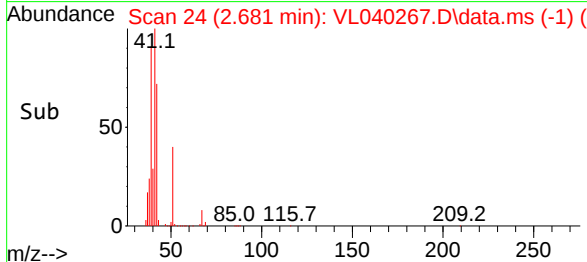
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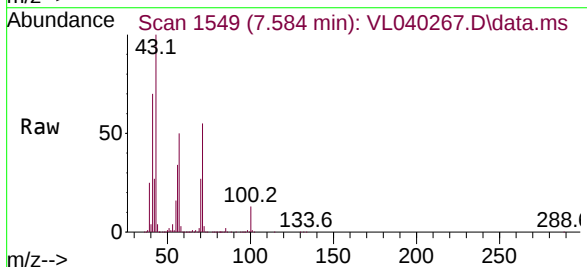
Tgt Ion: 41 Resp: 432395
 Ion Ratio Lower Upper
 41 100
 42 70.2 56.9 85.3

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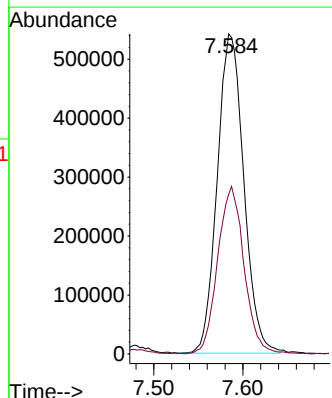
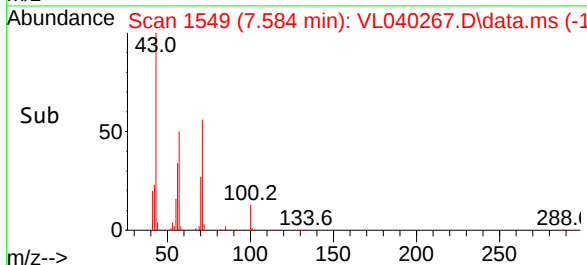
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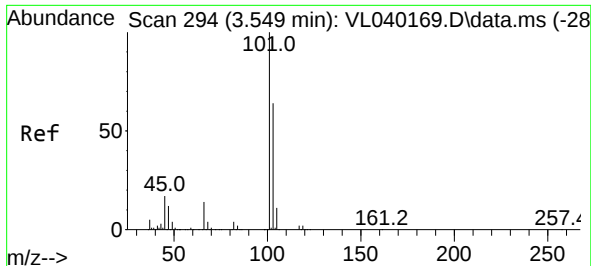


#10
 Heptane
 Concen: 10.821 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20



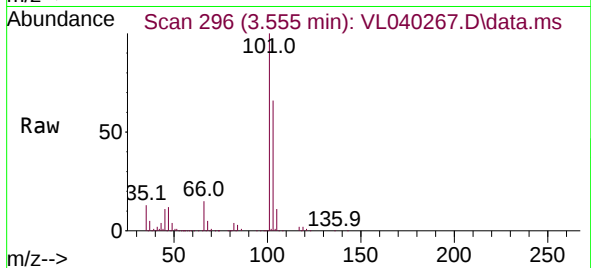
Tgt Ion: 43 Resp: 1121915
 Ion Ratio Lower Upper
 43 100
 57 52.4 41.4 62.2





#11
Trichlorofluoromethane
Concen: 10.624 ppbv
RT: 3.555 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

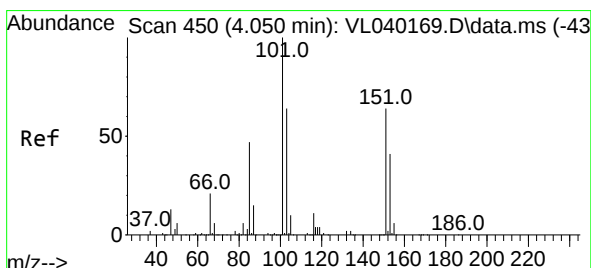
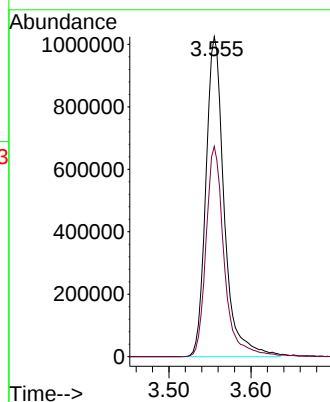
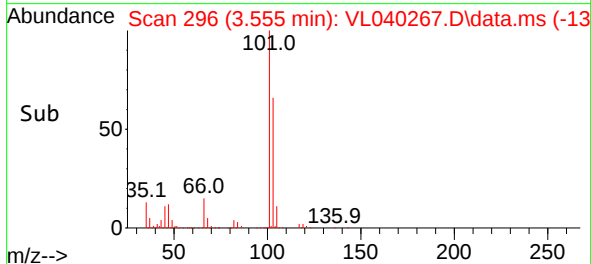
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



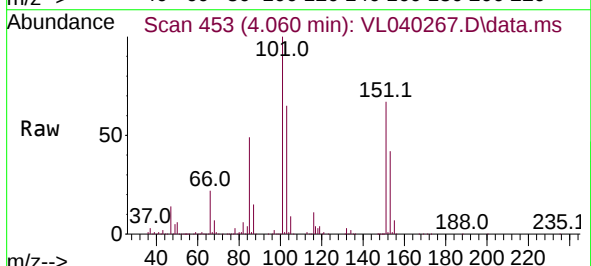
Tgt Ion:101 Resp: 1589370
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.6

Manual Integrations
APPROVED

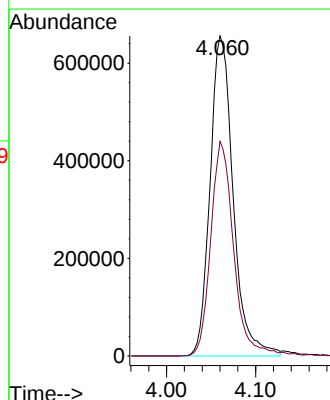
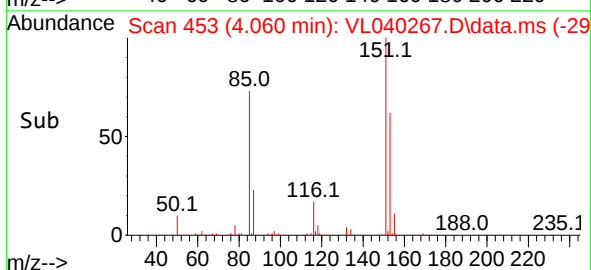
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

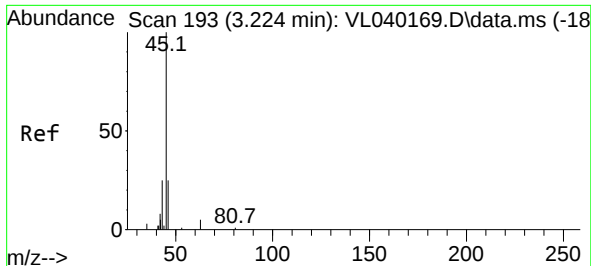


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.701 ppbv
RT: 4.060 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



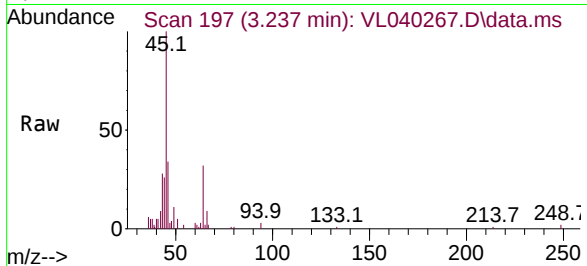
Tgt Ion:101 Resp: 1180942
Ion Ratio Lower Upper
101 100
151 67.0 54.7 82.1





#13
Ethanol
Concen: 7.124 ppbv m
RT: 3.237 min Scan# 193
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

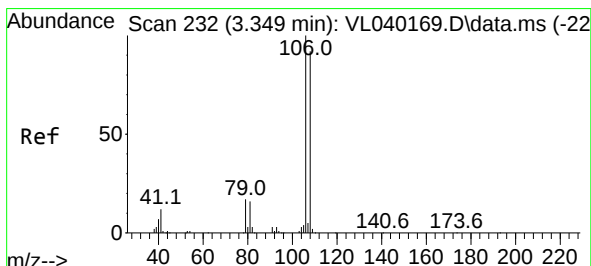
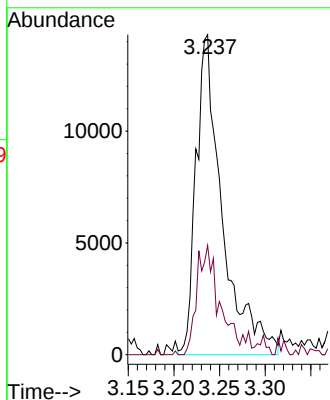
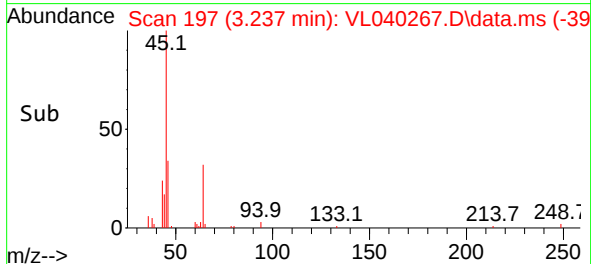
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



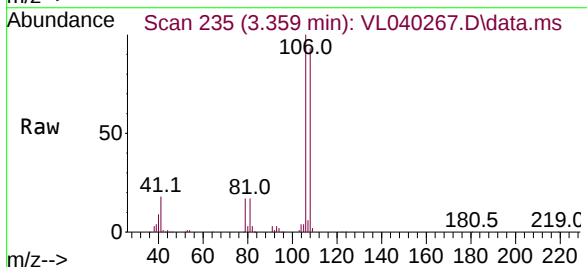
Tgt Ion: 45 Resp: 28569
Ion Ratio Lower Upper
45 100
46 32.9 13.3 53.1

Manual Integrations
APPROVED

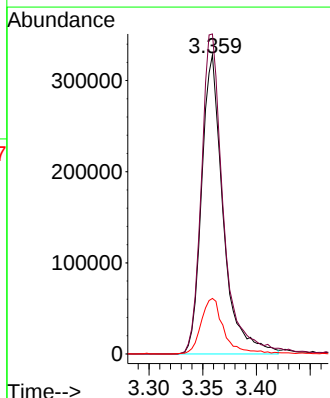
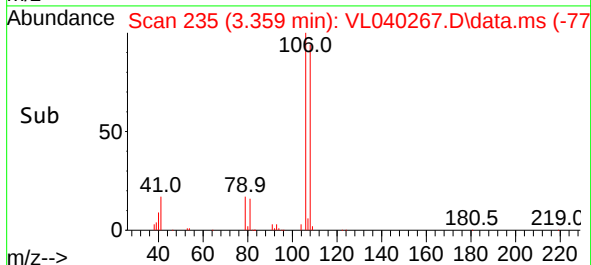
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Bromoethene
Concen: 10.804 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



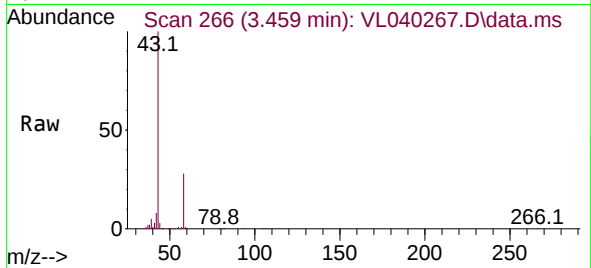
Tgt Ion:108 Resp: 457205
Ion Ratio Lower Upper
108 100
106 111.0 87.1 130.7
79 20.3 15.4 23.2





#15
Acetone
Concen: 9.736 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

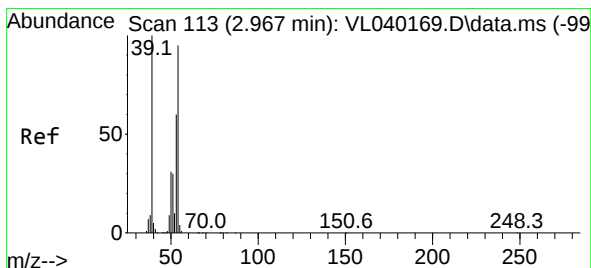
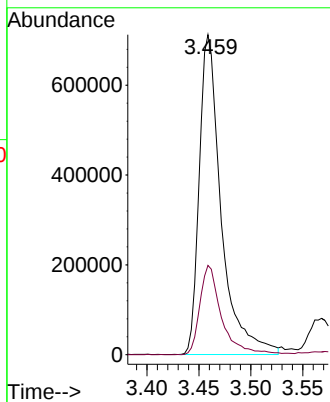
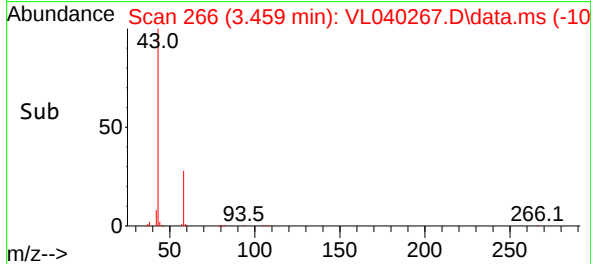
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



Tgt Ion: 43 Resp: 1048592
Ion Ratio Lower Upper
43 100
58 27.7 22.4 33.6

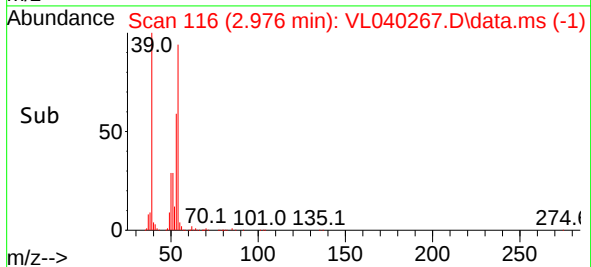
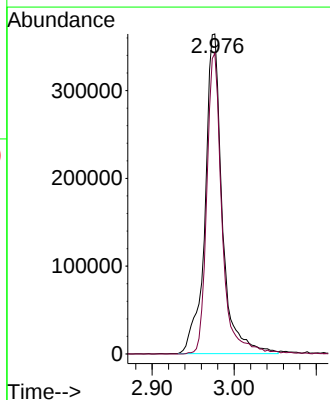
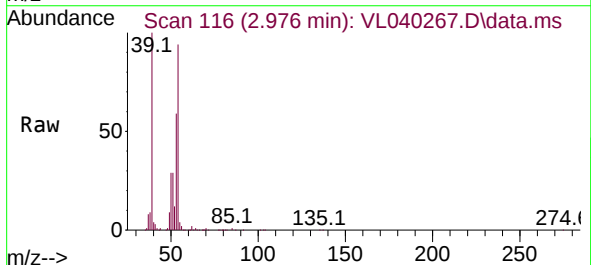
Manual Integrations
APPROVED

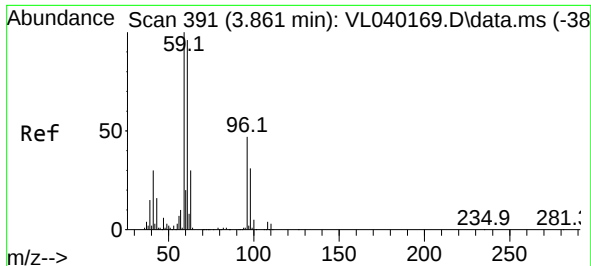
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#16
1,3-Butadiene
Concen: 10.826 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

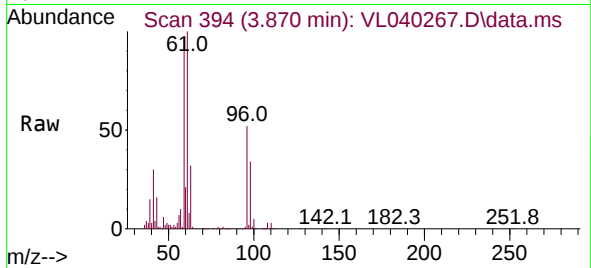
Tgt Ion: 39 Resp: 532497
Ion Ratio Lower Upper
39 100
54 83.6 66.7 100.1





#17
tert-Butyl alcohol
Concen: 10.837 ppbv
RT: 3.870 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

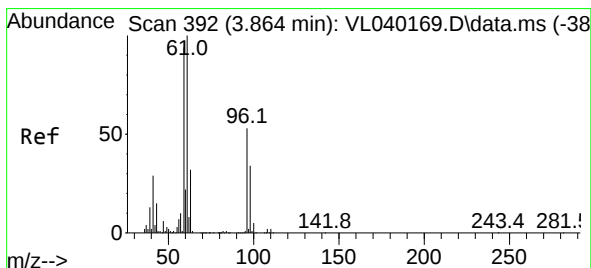
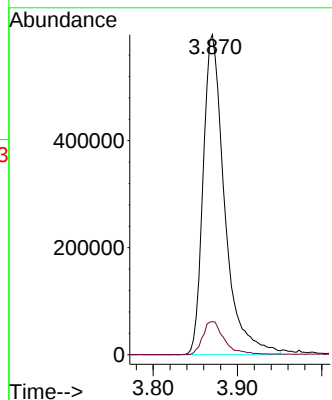
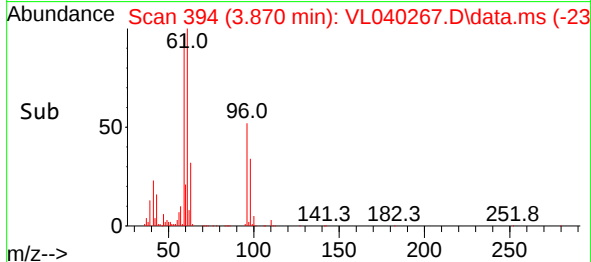
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



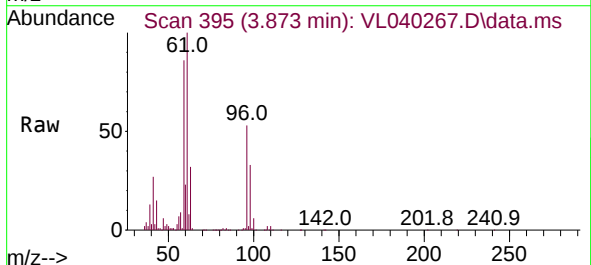
Tgt Ion: 59 Resp: 106446
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

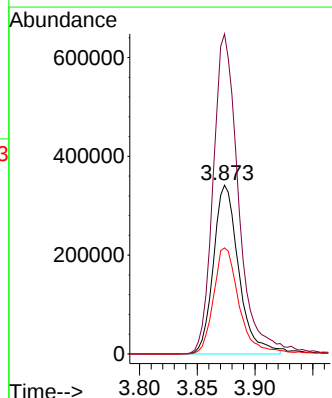
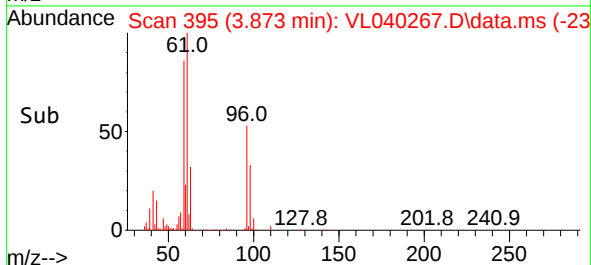
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

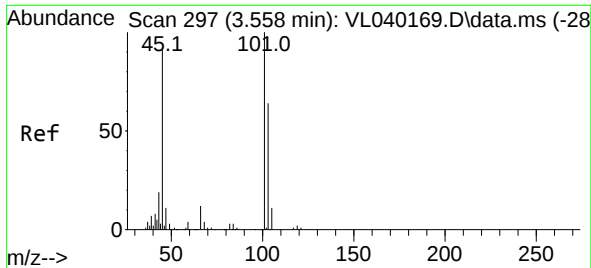


#18
1,1-Dichloroethene
Concen: 10.839 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



Tgt Ion: 96 Resp: 519758
Ion Ratio Lower Upper
96 100
61 189.5 149.6 224.4
98 62.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.237 ppbv

RT: 3.565 min Scan# 297

Delta R.T. 0.003 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion: 45 Resp: 472920

Ion Ratio Lower Upper

45 100

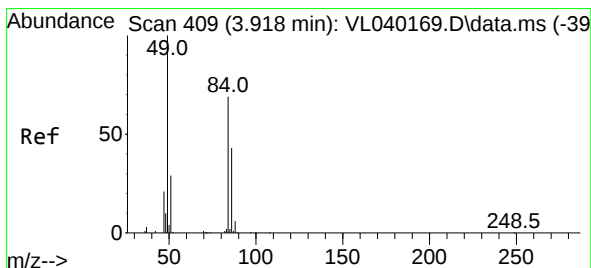
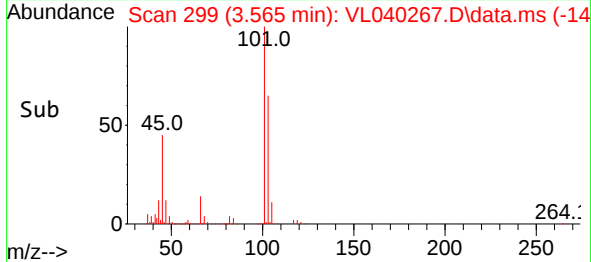
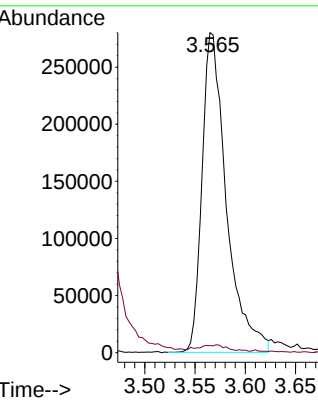
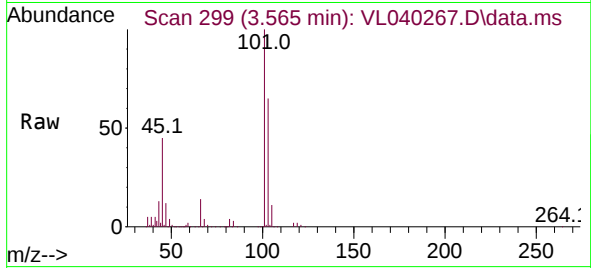
58 3.7 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#20

Methylene Chloride

Concen: 7.761 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Tgt Ion: 84 Resp: 435117

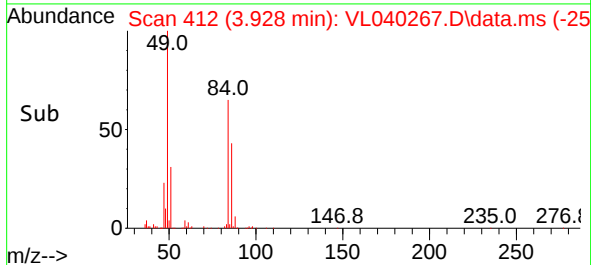
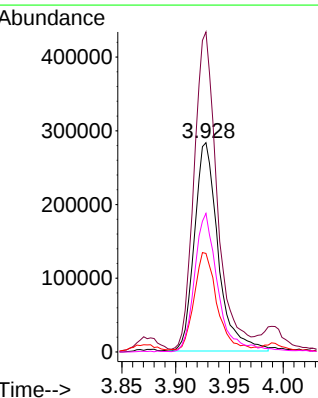
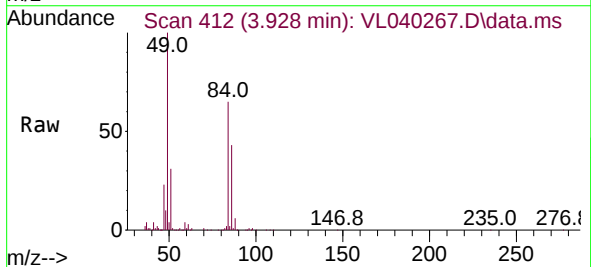
Ion Ratio Lower Upper

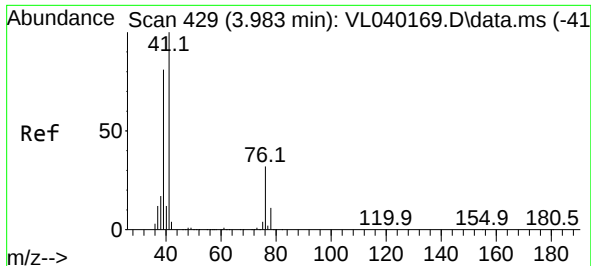
84 100

49 152.1 115.5 173.3

51 46.3 33.1 49.7

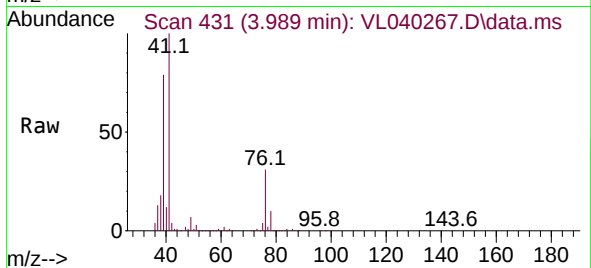
86 66.4 50.2 75.2





#21
 Allyl Chloride
 Concen: 10.675 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

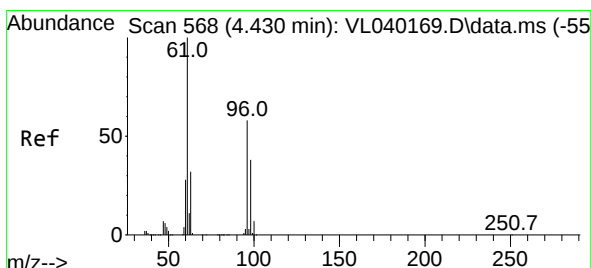
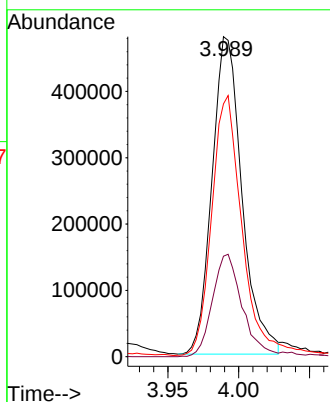
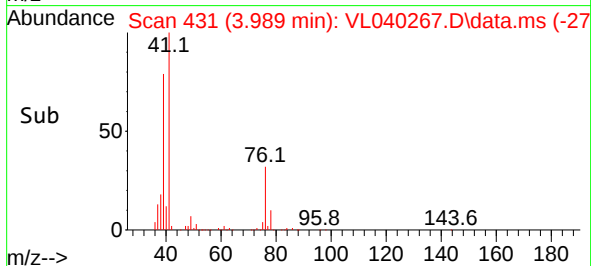
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABS01



Tgt Ion: 41 Resp: 705154
 Ion Ratio Lower Upper
 41 100
 76 33.1 25.5 38.3
 39 84.0 64.5 96.7

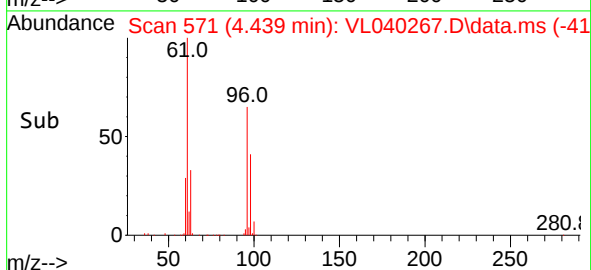
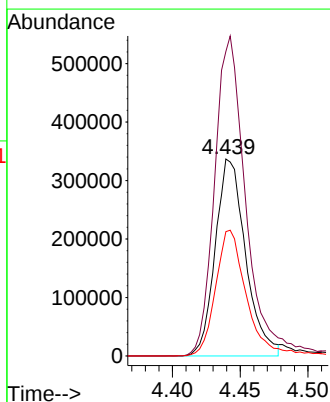
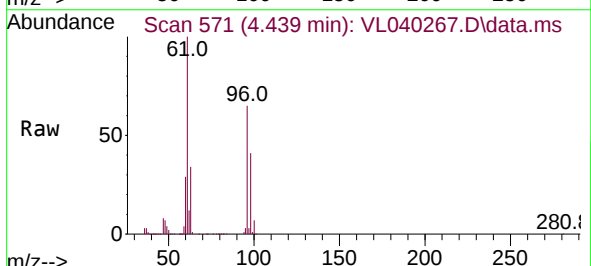
Manual Integrations
 APPROVED

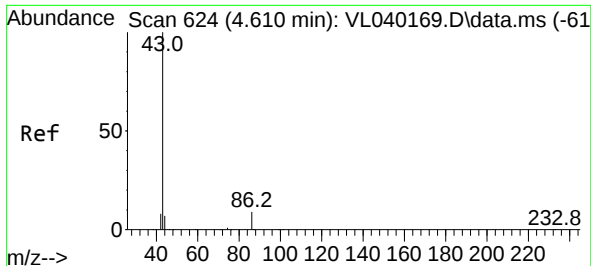
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.584 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

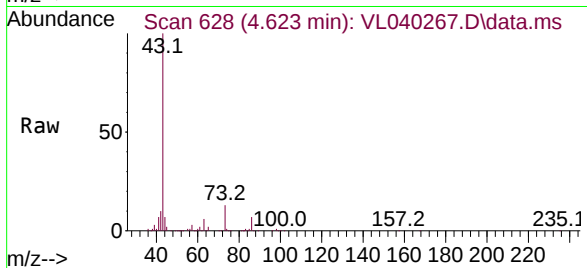
Tgt Ion: 96 Resp: 525539
 Ion Ratio Lower Upper
 96 100
 61 154.5 137.5 206.3
 98 63.0 52.8 79.2





#23
 Vinyl Acetate
 Concen: 10.537 ppbv
 RT: 4.623 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

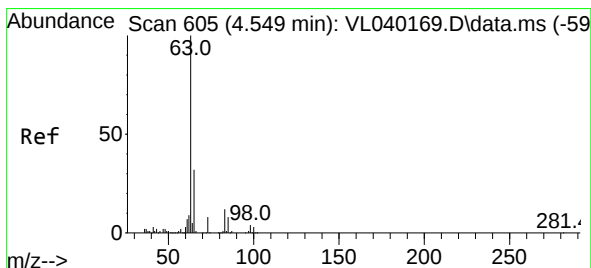
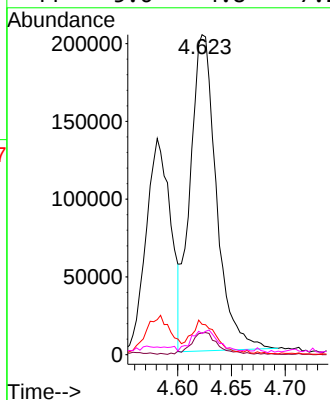
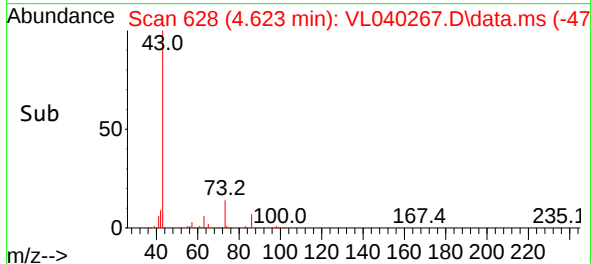
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABS01



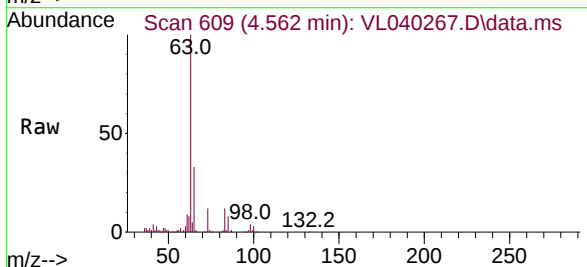
Tgt Ion: 43 Resp: 344410
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 9.4 7.6 11.4
 44 5.6 4.8 7.2

Manual Integrations
 APPROVED

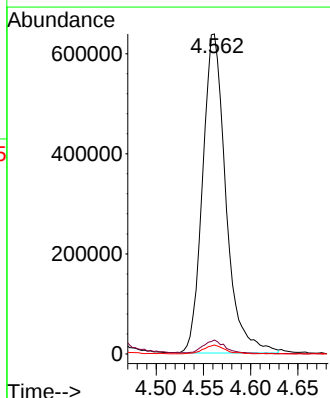
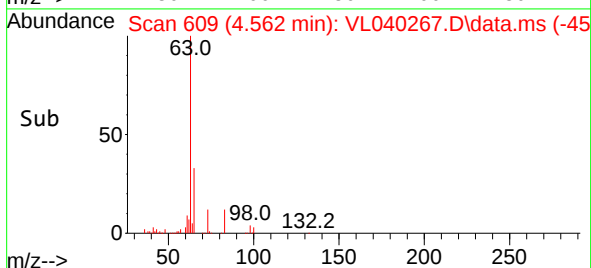
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

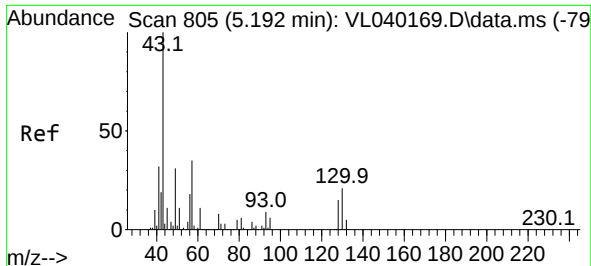


#24
 1,1-Dichloroethane
 Concen: 10.695 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20



Tgt Ion: 63 Resp: 1092716
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 2.8 1.4 4.0





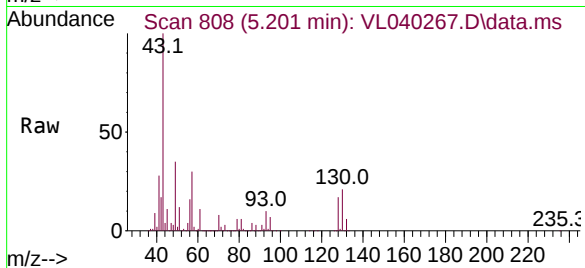
#25
Ethyl Acetate
Concen: 10.268 ppbv
RT: 5.201 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01



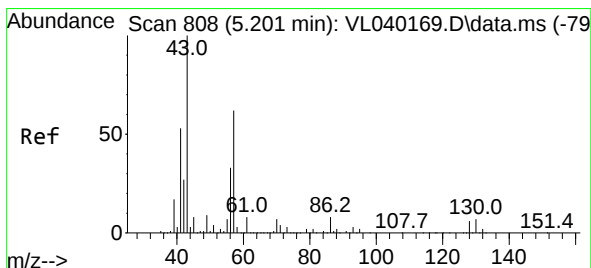
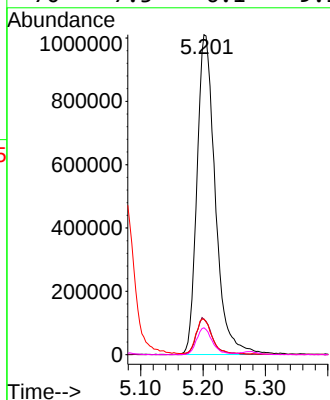
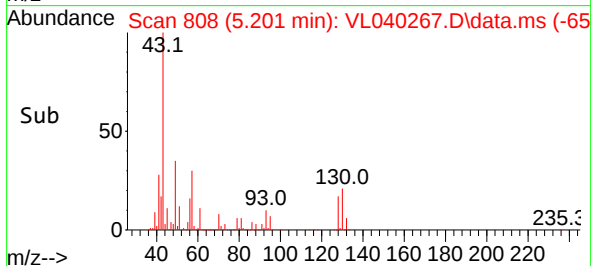
Tgt Ion: 43 Resp: 205584

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	10.4	8.4	12.6
70	7.3	6.1	9.1

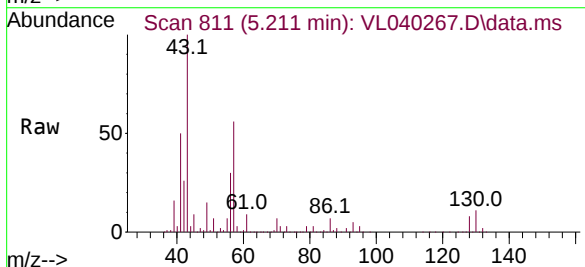
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

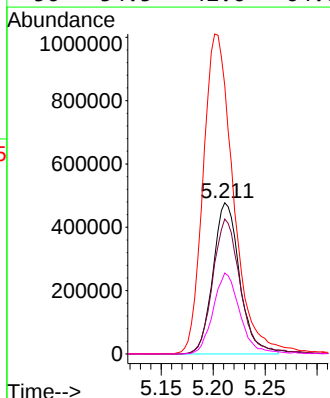
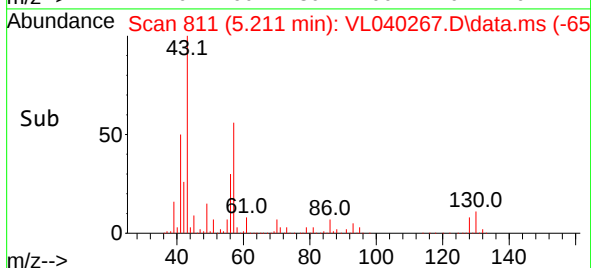


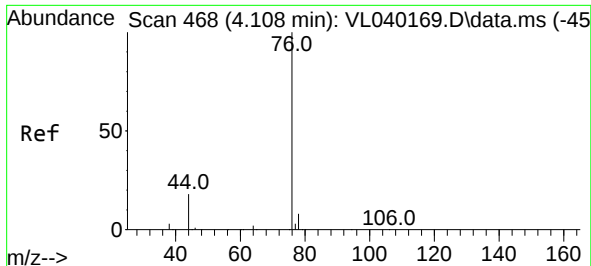
#26
Hexane
Concen: 9.872 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



Tgt Ion: 57 Resp: 848461

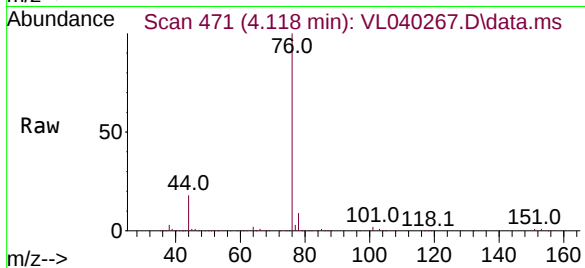
Ion	Ratio	Lower	Upper
57	100		
41	94.1	74.3	111.5
43	242.9	193.0	289.4
56	54.5	42.6	64.0





#27
Carbon Disulfide
Concen: 11.809 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

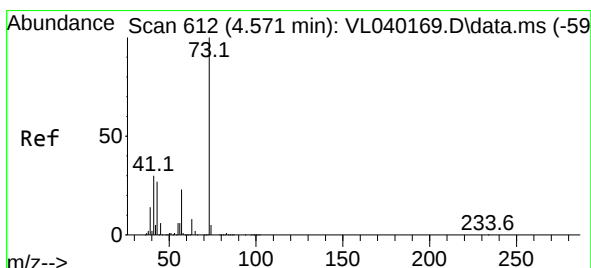
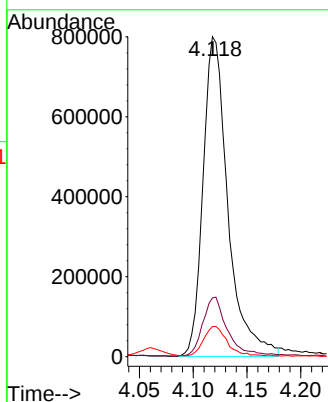
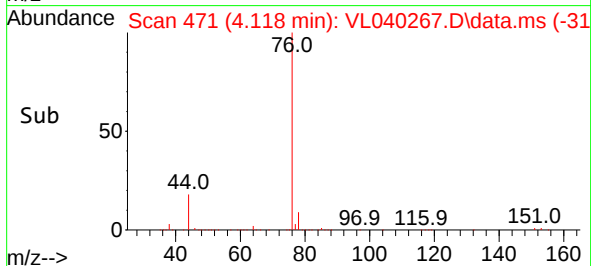
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



Tgt Ion: 76 Resp: 128791
Ion Ratio Lower Upper
76 100
44 18.3 15.3 22.9
78 9.7 7.7 11.5

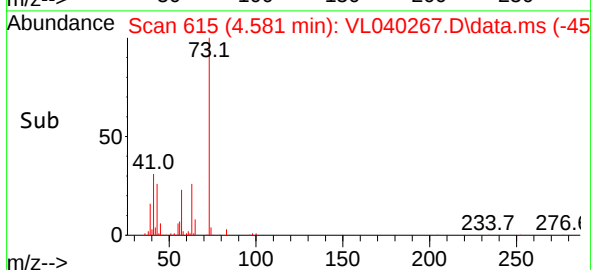
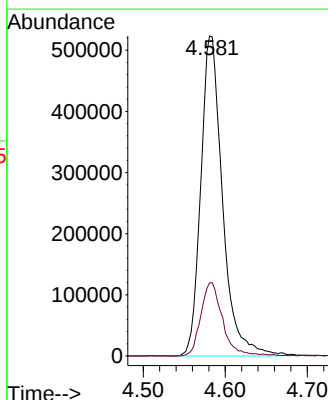
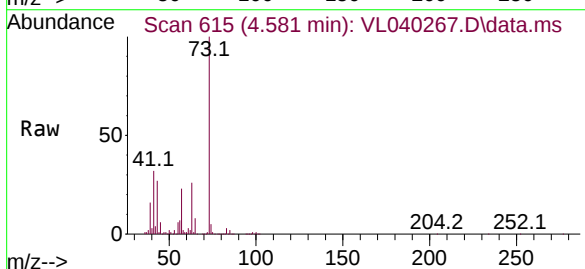
Manual Integrations
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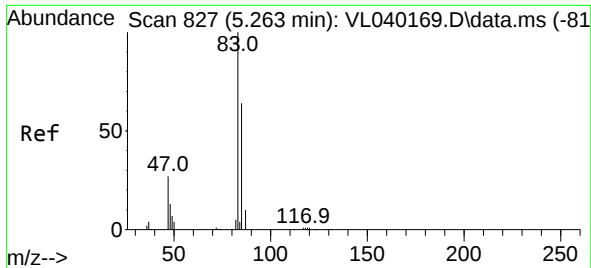
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#28
Methyl tert-Butyl Ether
Concen: 10.441 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

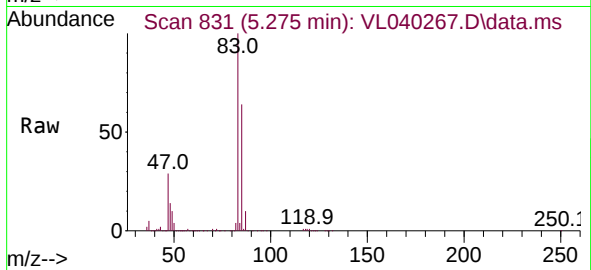
Tgt Ion: 73 Resp: 961577
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





#29
Chloroform
Concen: 10.213 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

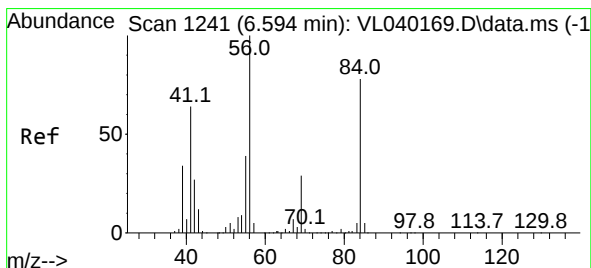
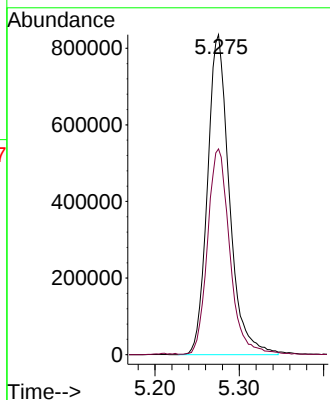
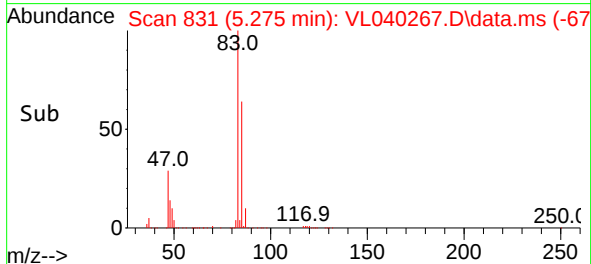
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



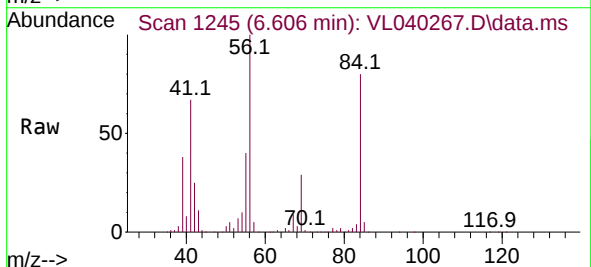
Tgt Ion: 83 Resp: 150725
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3

Manual Integrations
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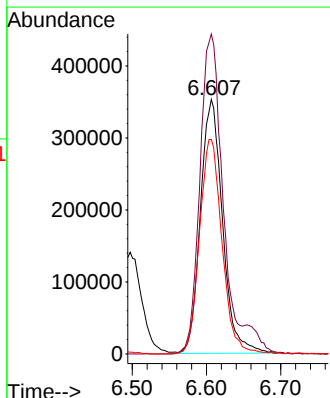
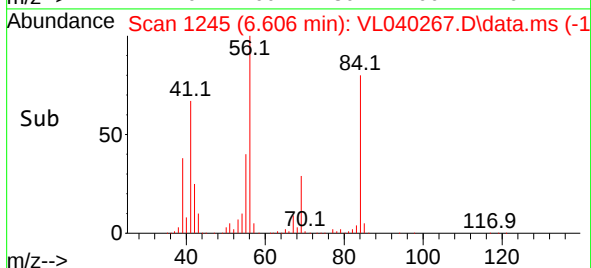
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

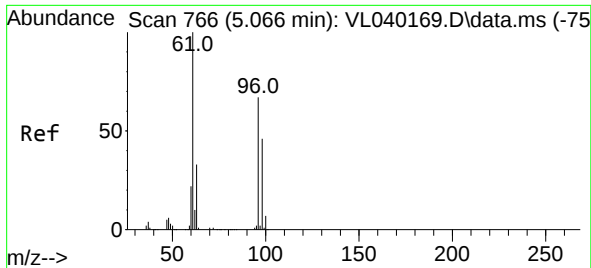


#30
Cyclohexane
Concen: 10.823 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



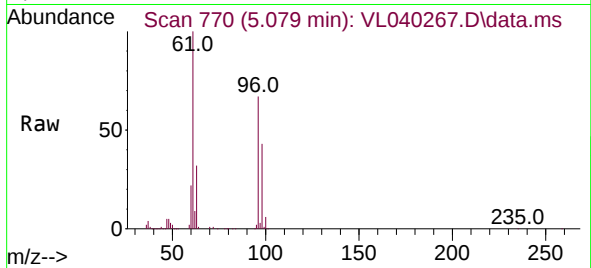
Tgt Ion: 84 Resp: 730473
Ion Ratio Lower Upper
84 100
56 135.3 109.9 164.9
41 85.9 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.906 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

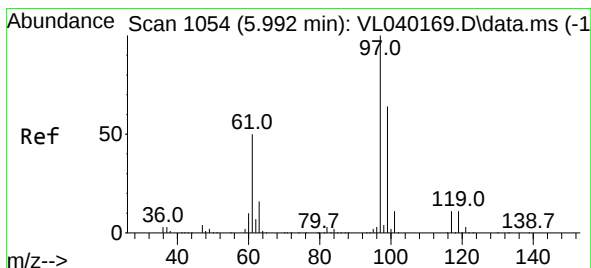
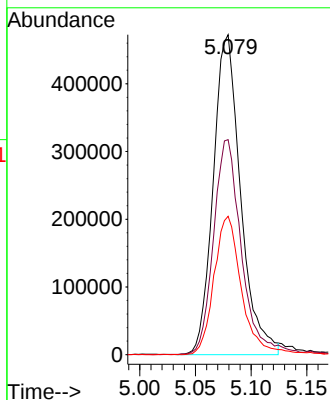
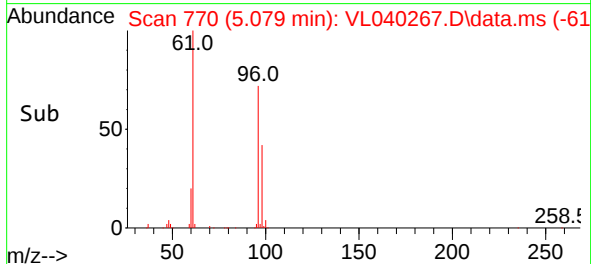
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABS01



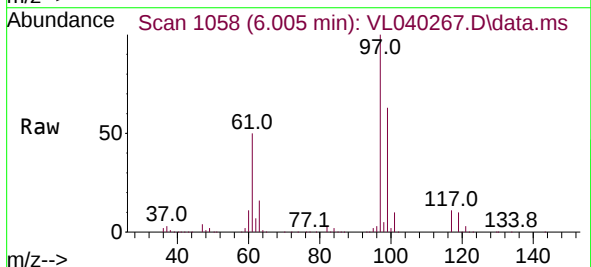
Tgt Ion: 61 Resp: 808950
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.7 80.5
 98 43.2 36.4 54.6

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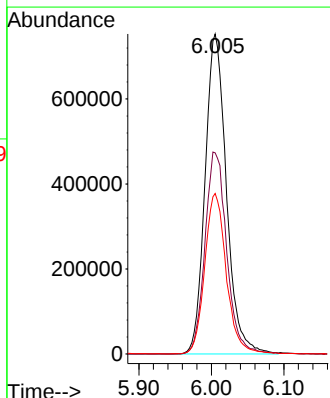
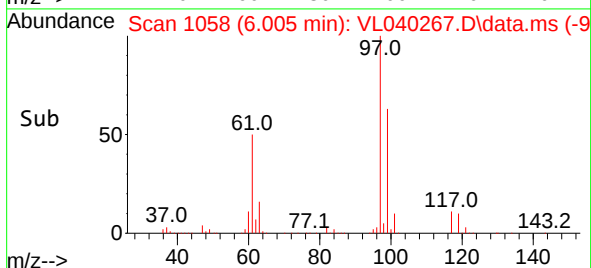
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

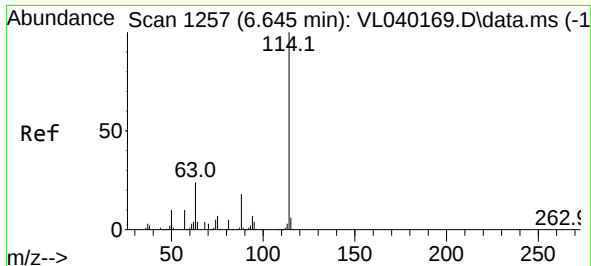


#32
 1,1,1-Trichloroethane
 Concen: 11.113 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20



Tgt Ion: 97 Resp: 1540950
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 51.0 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion:114 Resp: 228141

Ion Ratio Lower Upper

114 100

63 26.4 20.4 30.6

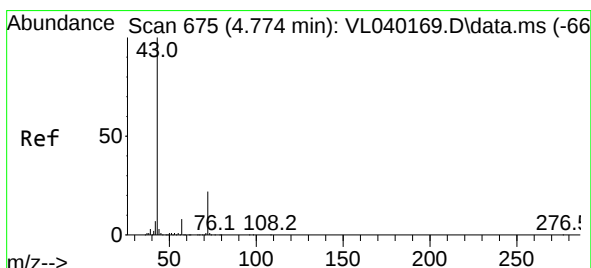
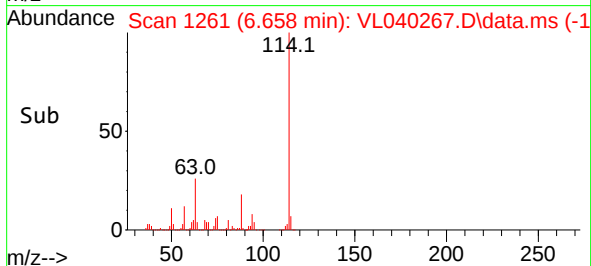
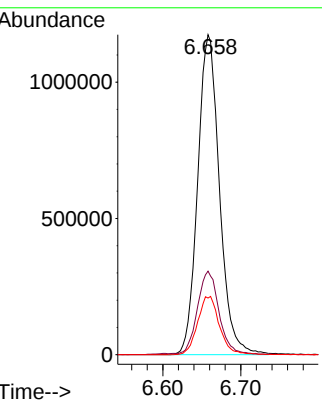
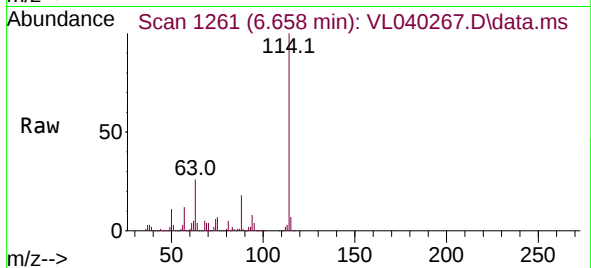
88 18.3 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

2-Butanone

Concen: 10.321 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.006 min

Lab File: VL040267.D

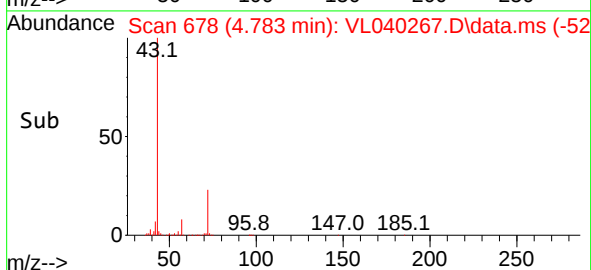
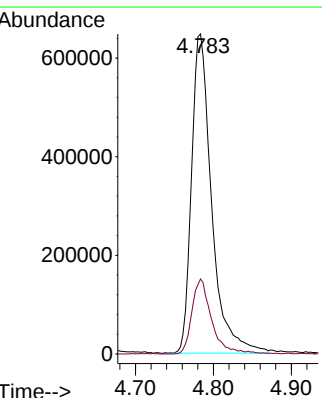
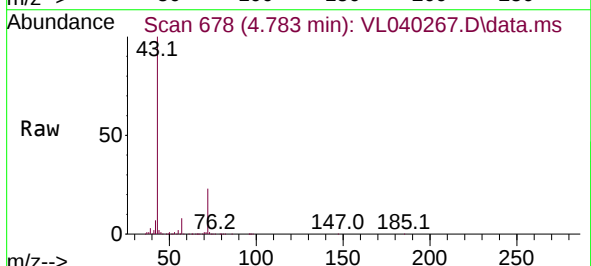
Acq: 13 Mar 2023 16:20

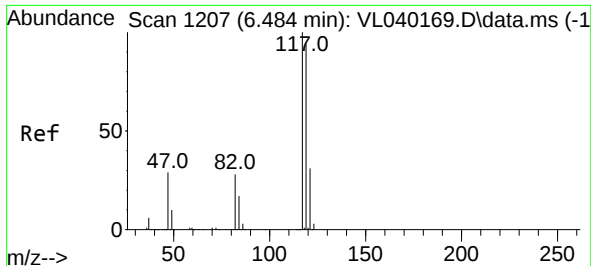
Tgt Ion: 43 Resp: 1161506

Ion Ratio Lower Upper

43 100

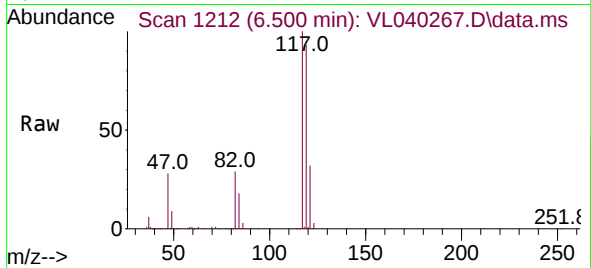
72 23.0 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.915 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. 0.010 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

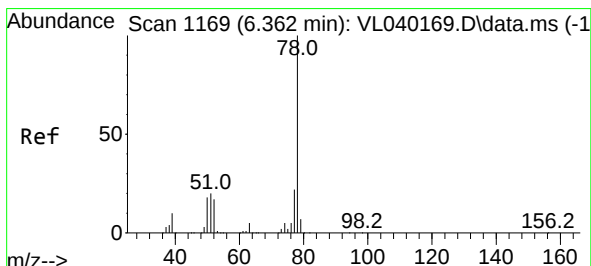
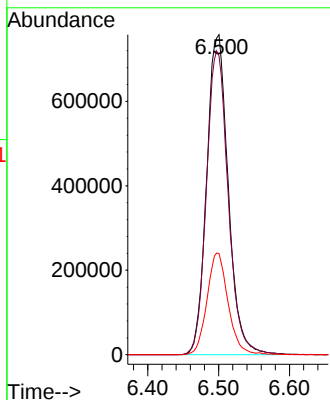
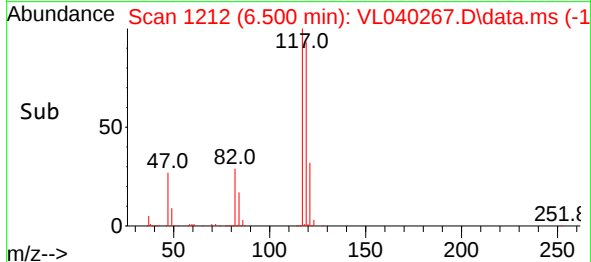
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



Tgt Ion: 117 Resp: 160704
Ion Ratio Lower Upper
117 100
119 93.3 75.0 112.6
121 31.6 25.0 37.4

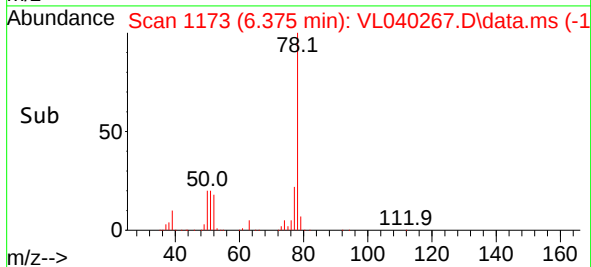
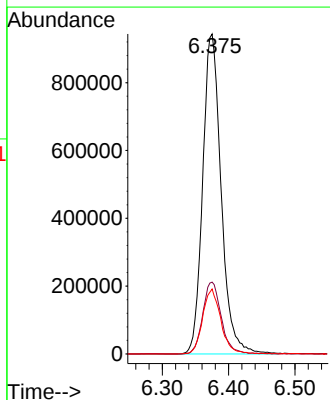
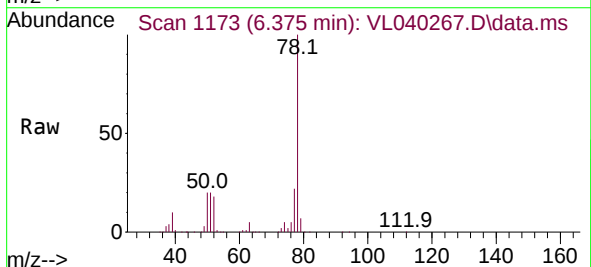
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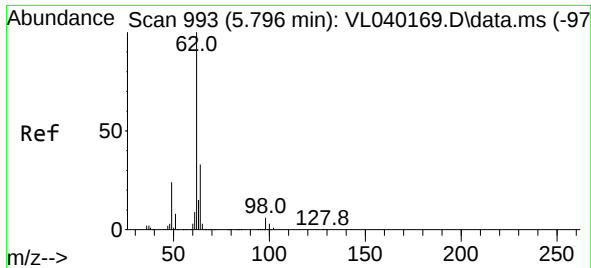
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#36
Benzene
Concen: 10.295 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 78 Resp: 1827831
Ion Ratio Lower Upper
78 100
77 22.4 17.5 26.3
50 20.3 14.6 22.0





#37

1,2-Dichloroethane

Concen: 10.714 ppbv

RT: 5.809 min Scan# 993

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion: 62 Resp: 118972

Ion Ratio Lower Upper

62 100

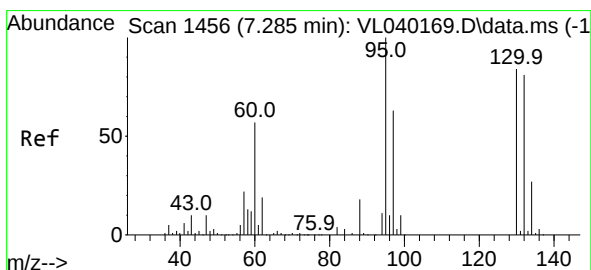
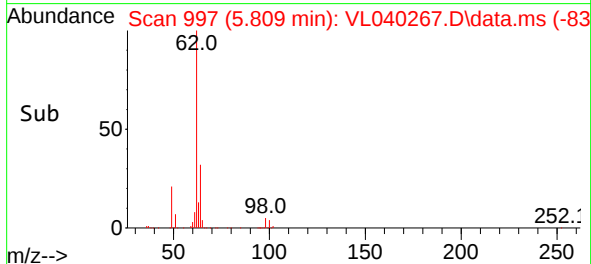
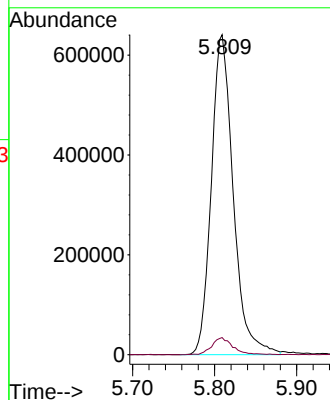
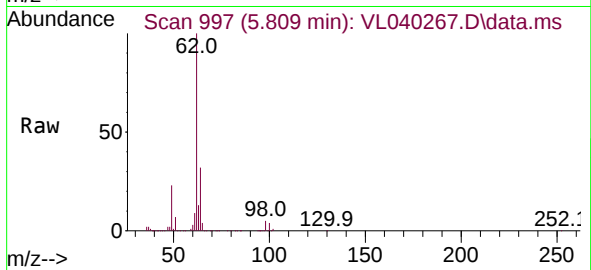
98 5.2 4.7 7.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Trichloroethene

Concen: 11.333 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Tgt Ion:130 Resp: 1108757

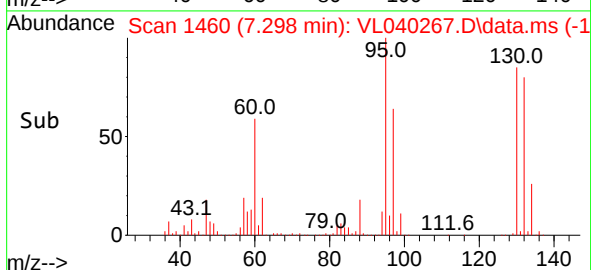
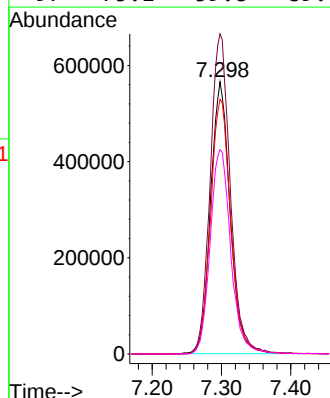
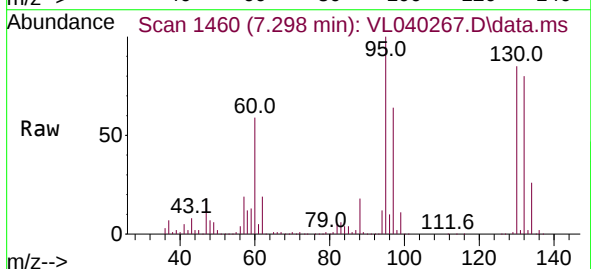
Ion Ratio Lower Upper

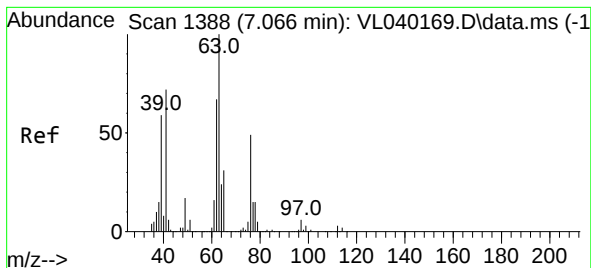
130 100

95 117.7 94.7 142.1

132 93.6 76.4 114.6

97 75.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.316 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion: 63 Resp: 712462

Ion Ratio Lower Upper

63 100

41 75.4 57.6 86.4

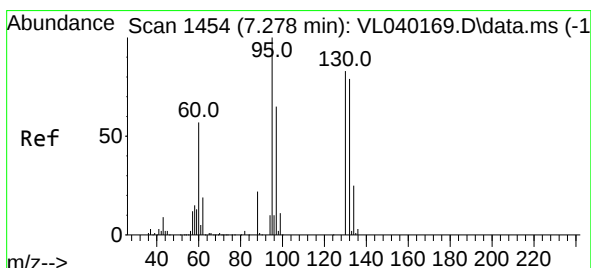
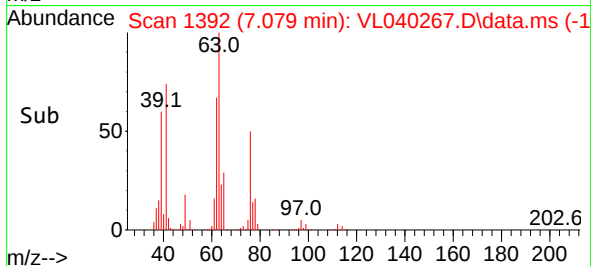
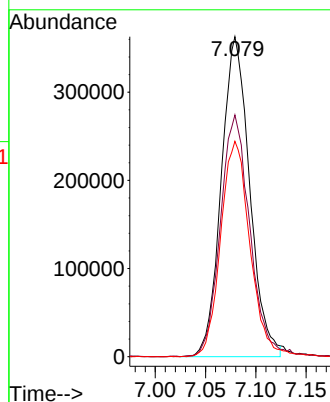
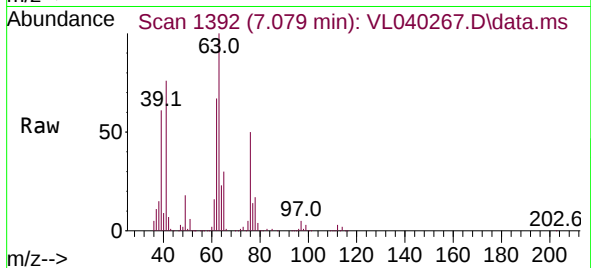
62 67.3 54.0 81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

1,4-Dioxane

Concen: 9.426 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Tgt Ion: 88 Resp: 260416

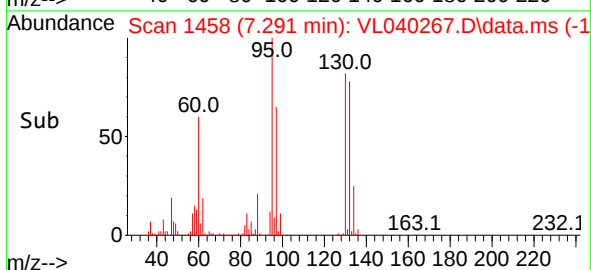
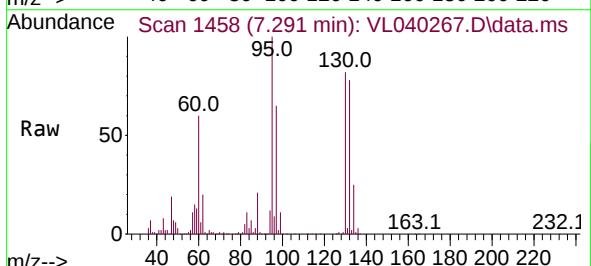
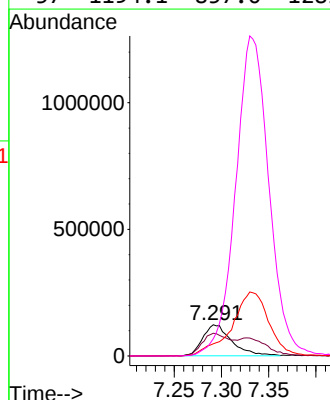
Ion Ratio Lower Upper

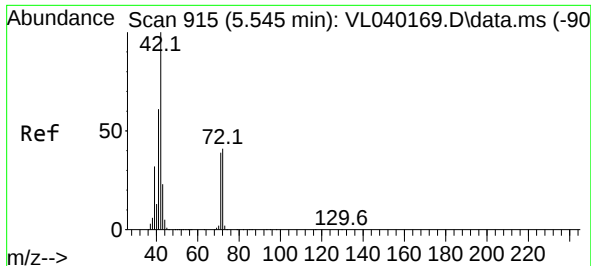
88 100

58 129.6 97.4 146.0

43 266.4 193.5 290.3

57 1194.1 857.0 1285.6





#41

Tetrahydrofuran

Concen: 10.337 ppbv

RT: 5.555 min Scan# 915

Delta R.T. 0.003 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

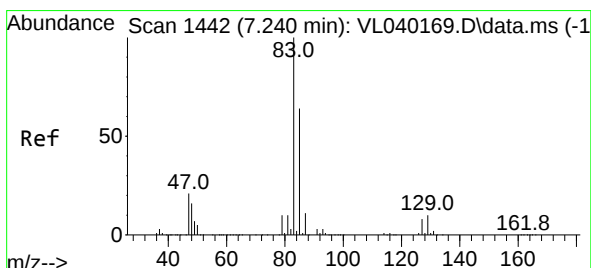
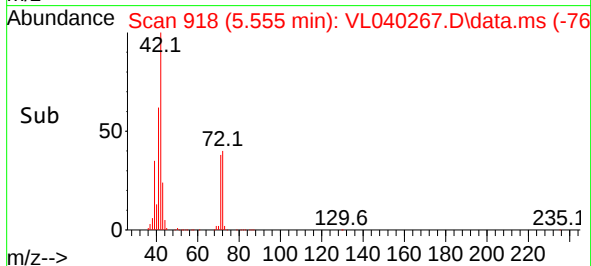
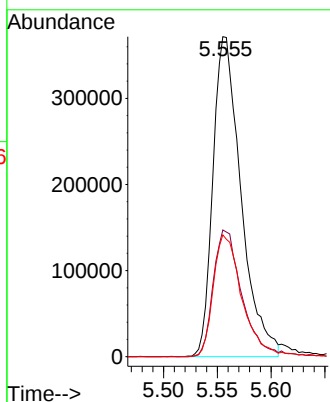
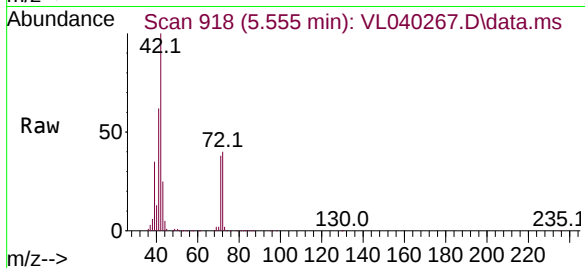
VL0313ABS01

Tgt Ion:	42	Resp:	674170
Ion Ratio	Lower	Upper	
42	100		
72	40.9	33.0	49.4
71	39.7	31.4	47.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42

Bromodichloromethane

Concen: 11.098 ppbv

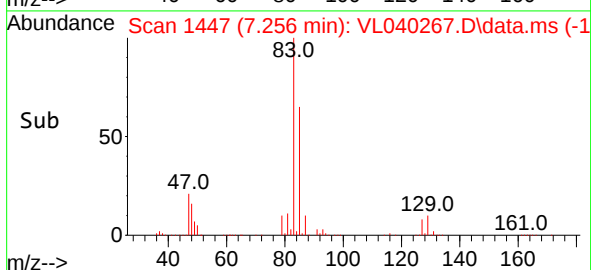
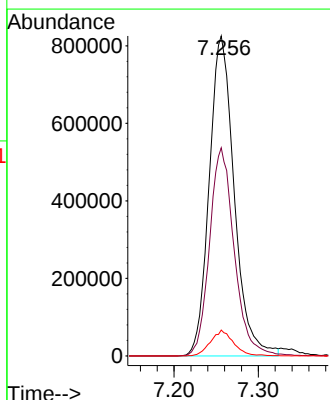
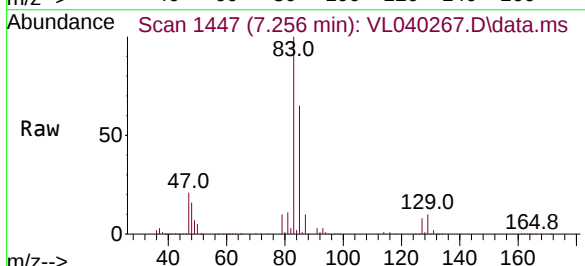
RT: 7.256 min Scan# 1447

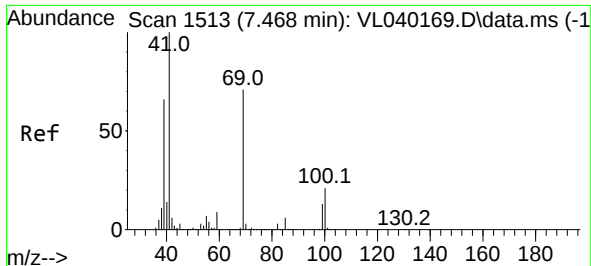
Delta R.T. 0.003 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

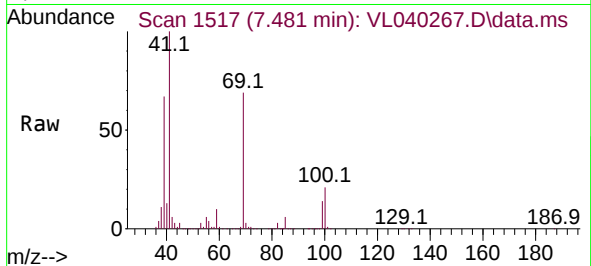
Tgt Ion:	83	Resp:	1700868
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.9	76.3
127	8.1	6.2	9.2





#43
Methyl Methacrylate
Concen: 11.284 ppbv
RT: 7.481 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

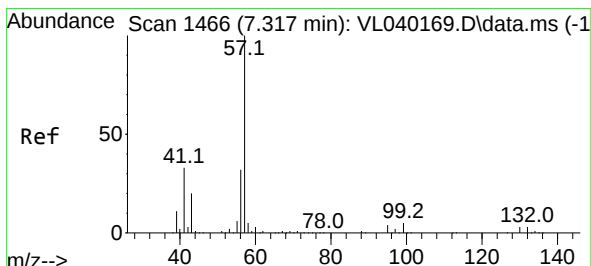
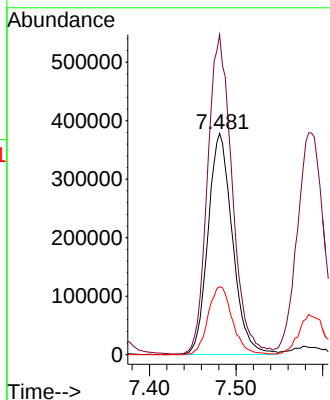
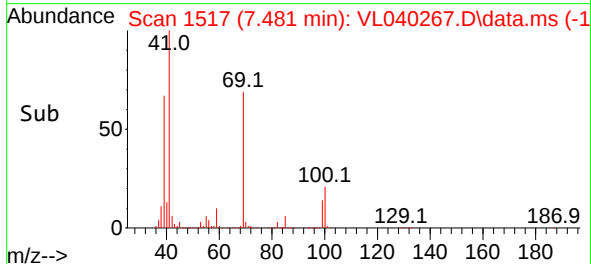
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



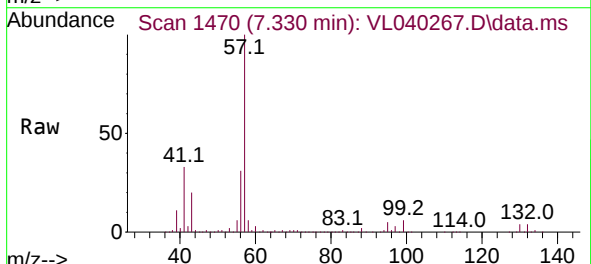
Tgt Ion: 69 Resp: 741295
Ion Ratio Lower Upper
69 100
41 145.6 116.6 174.8
100 30.7 25.6 38.4

Manual Integrations
APPROVED

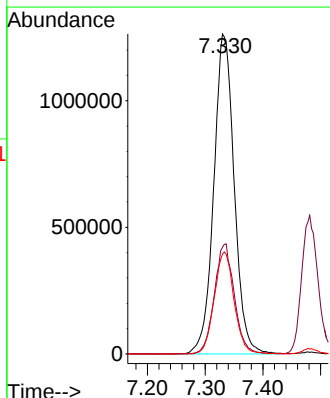
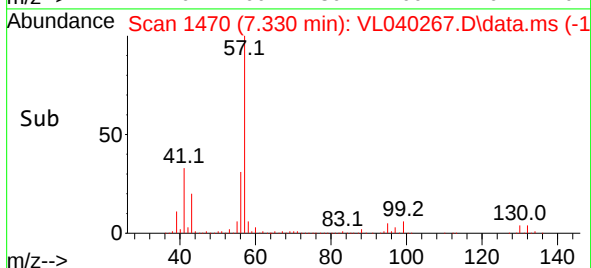
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

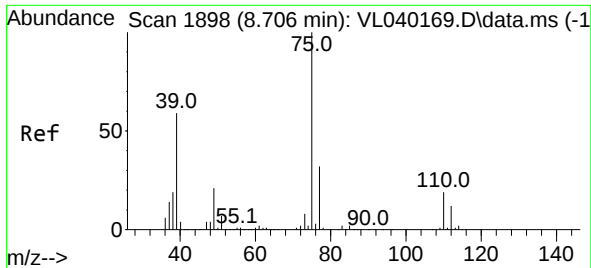


#44
2,2,4-Trimethylpentane
Concen: 10.486 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



Tgt Ion: 57 Resp: 3107797
Ion Ratio Lower Upper
57 100
41 33.7 26.2 39.4
56 31.1 24.9 37.3





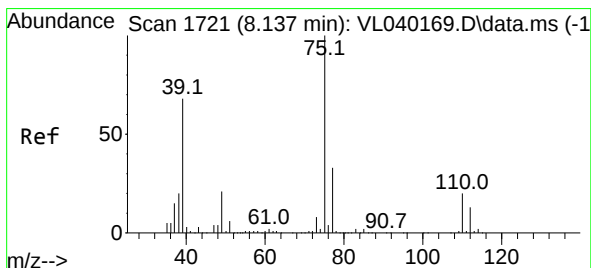
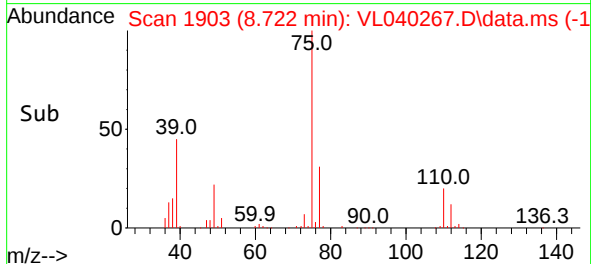
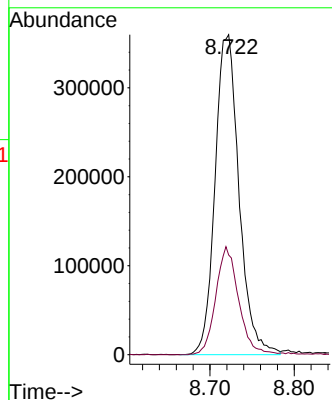
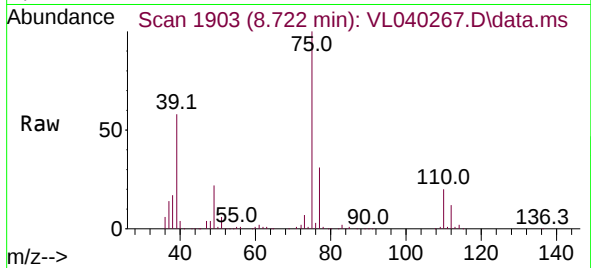
#45
t-1,3-Dichloropropene
Concen: 12.203 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.010 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion: 75 Resp: 71113
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5

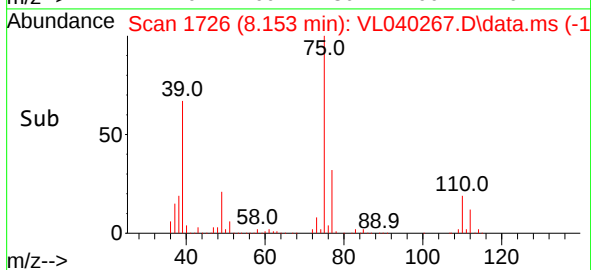
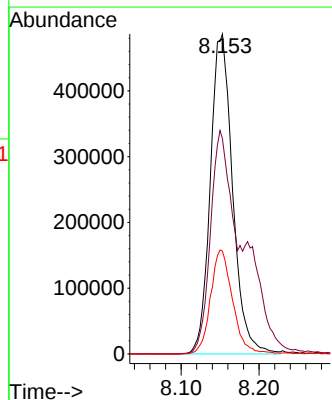
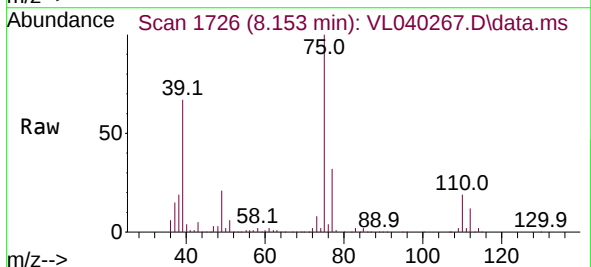
Manual Integrations
APPROVED

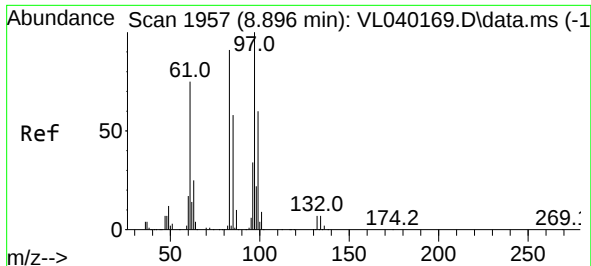
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#46
cis-1,3-Dichloropropene
Concen: 11.935 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.010 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

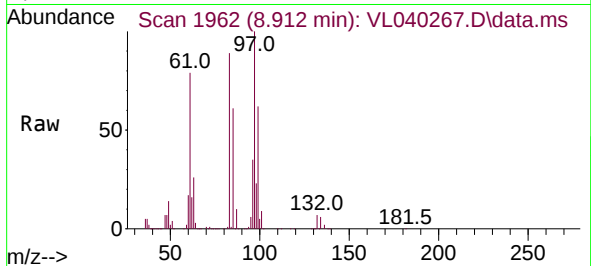
Tgt Ion: 75 Resp: 968927
Ion Ratio Lower Upper
75 100
39 67.1 54.2 81.2
77 32.1 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 10.257 ppbv
RT: 8.912 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

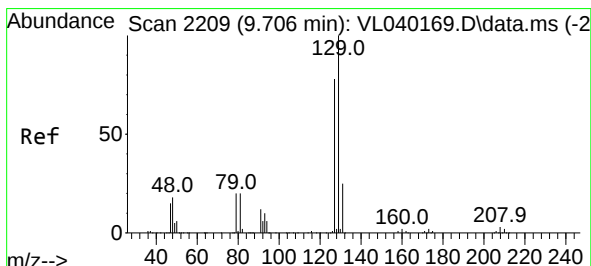
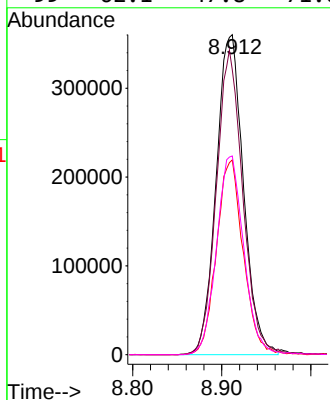
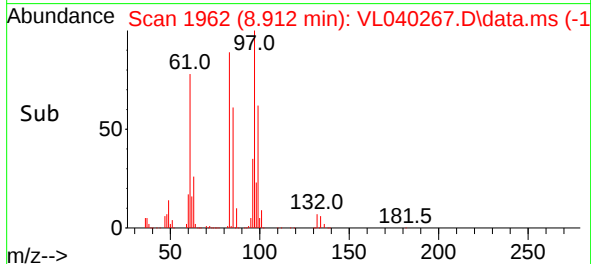
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



Tgt Ion: 97 Resp: 766199
Ion Ratio Lower Upper
97 100
83 89.1 72.8 109.2
85 60.8 46.6 69.8
99 62.1 47.8 71.6

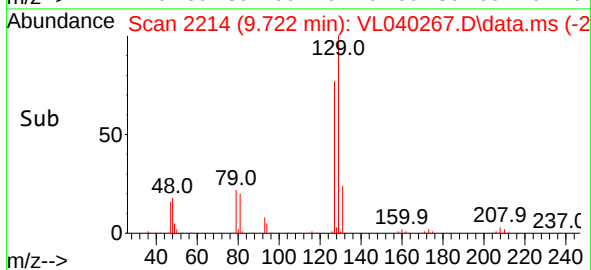
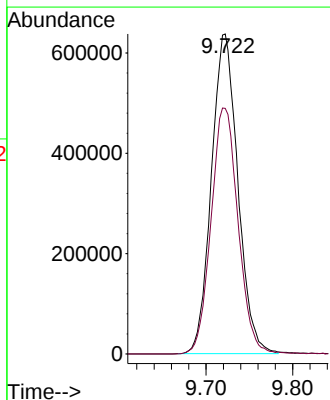
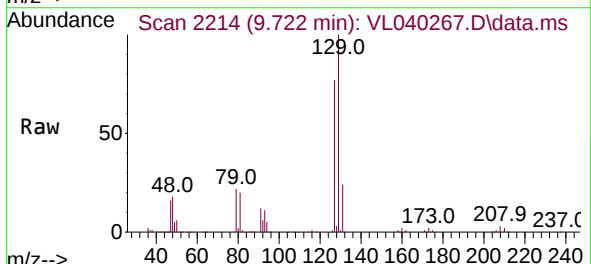
Manual Integrations
APPROVED

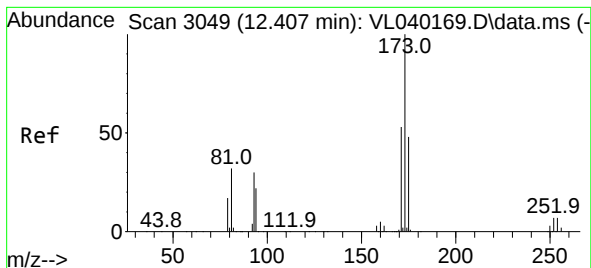
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Dibromochloromethane
Concen: 11.303 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion:129 Resp: 1350491
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





#49

Bromoform

Concen: 11.480 ppbv

RT: 12.420 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion:173 Resp: 1070609

Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

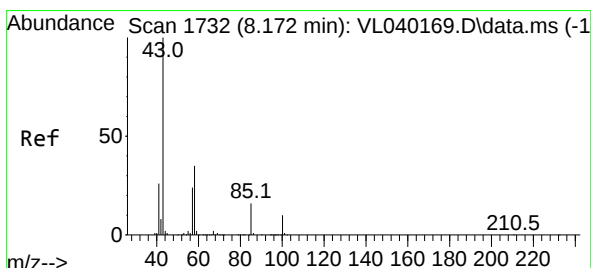
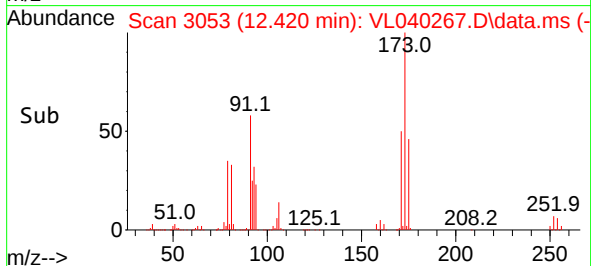
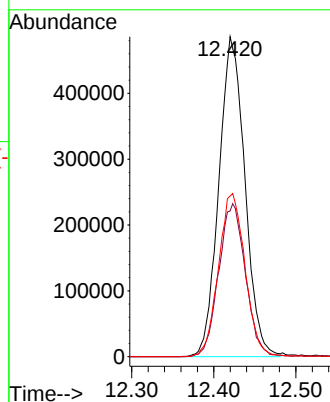
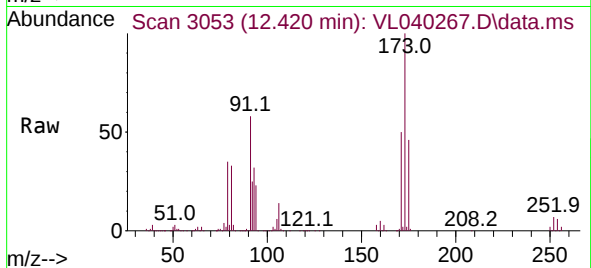
171 52.2 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

4-Methyl-2-Pentanone

Concen: 11.207 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.006 min

Lab File: VL040267.D

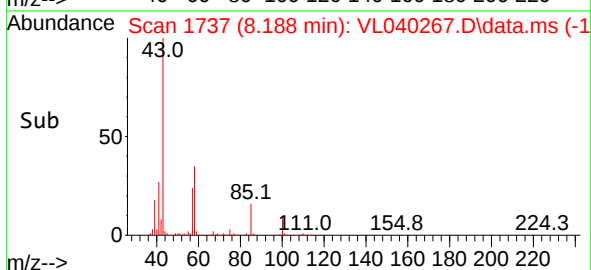
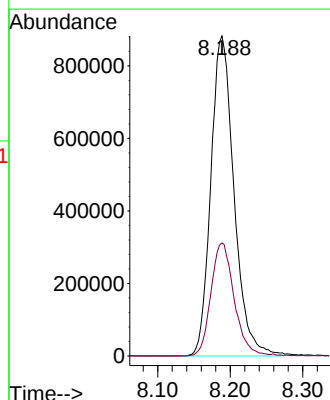
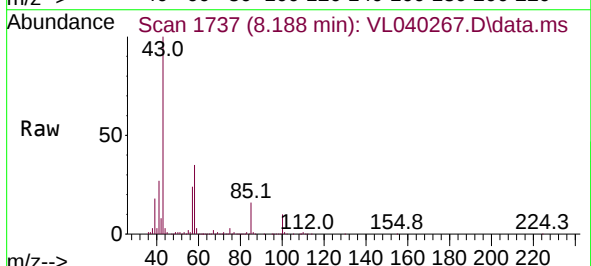
Acq: 13 Mar 2023 16:20

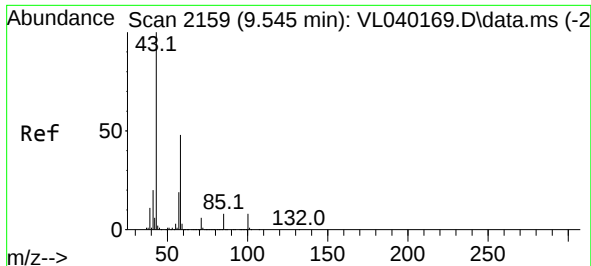
Tgt Ion: 43 Resp: 1958404

Ion Ratio Lower Upper

43 100

58 35.7 29.2 43.8





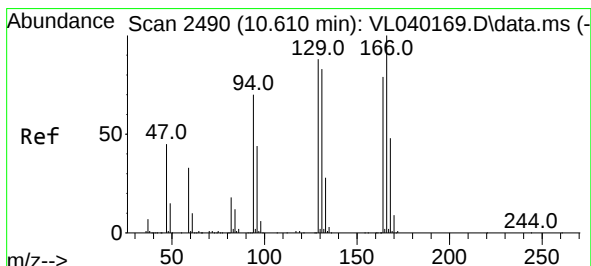
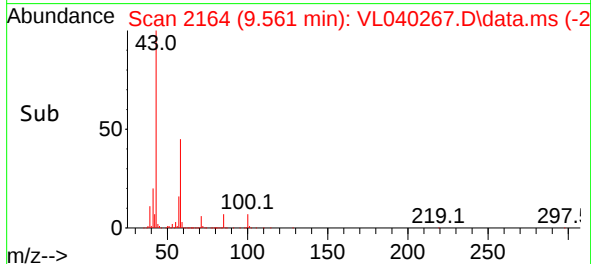
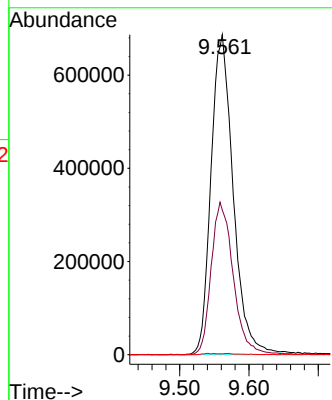
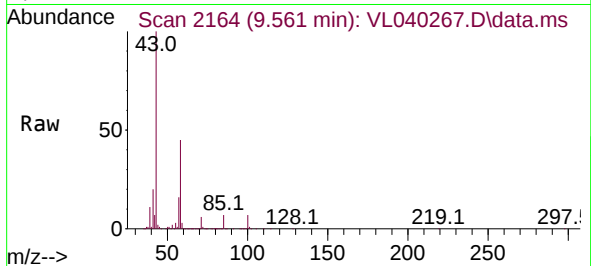
#51
2-Hexanone
Concen: 11.341 ppbv
RT: 9.561 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion: 43 Resp: 152403
Ion Ratio Lower Upper
43 100
58 47.6 39.1 58.7
98 0.6 0.2 0.4

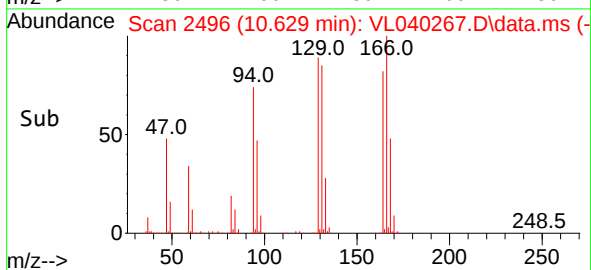
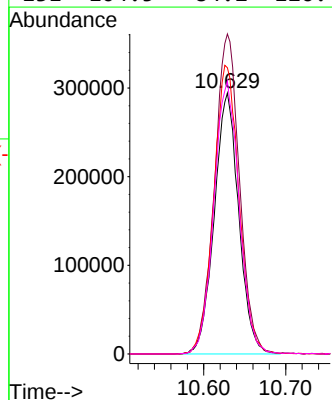
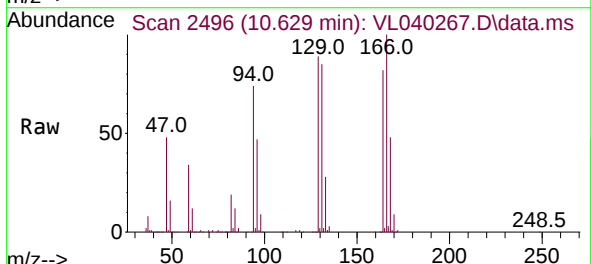
Manual Integrations
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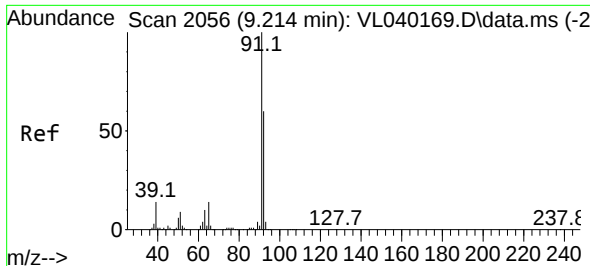
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Tetrachloroethene
Concen: 11.001 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

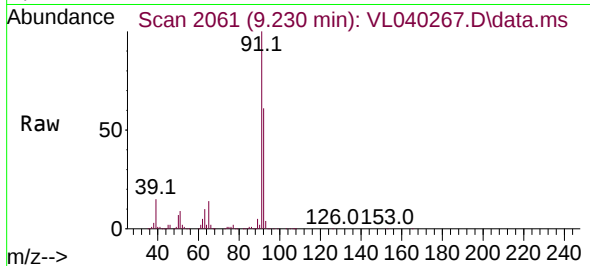
Tgt Ion:164 Resp: 609907
Ion Ratio Lower Upper
164 100
166 122.6 101.5 152.3
129 109.6 89.0 133.4
131 104.5 84.2 126.4





#53
Toluene
Concen: 11.080 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

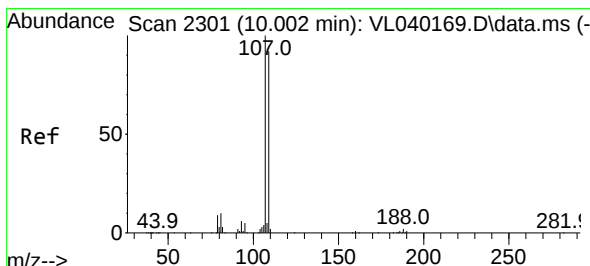
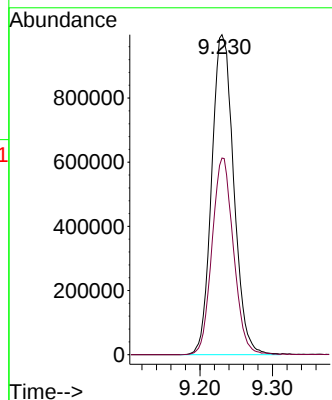
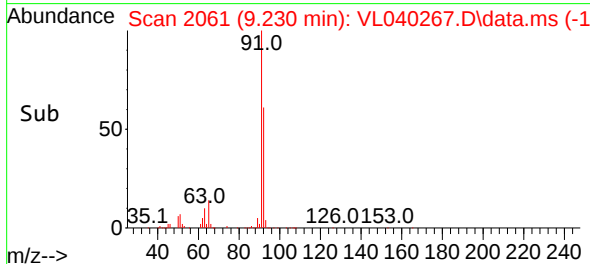
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



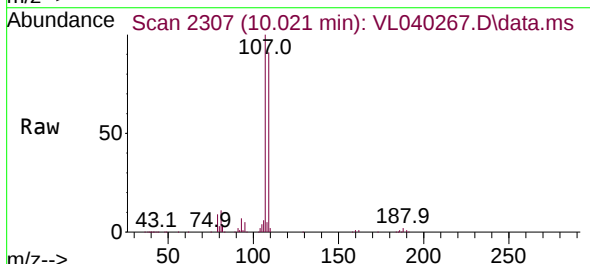
Tgt Ion: 91 Resp: 210696
Ion Ratio Lower Upper
91 100
92 59.9 48.9 73.3

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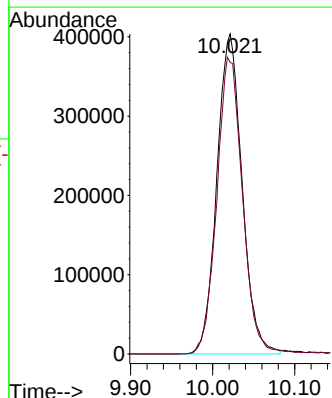
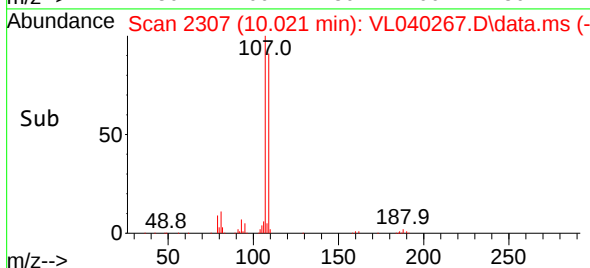
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

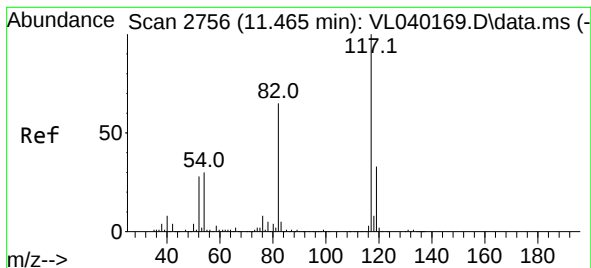


#54
1,2-Dibromoethane
Concen: 11.069 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



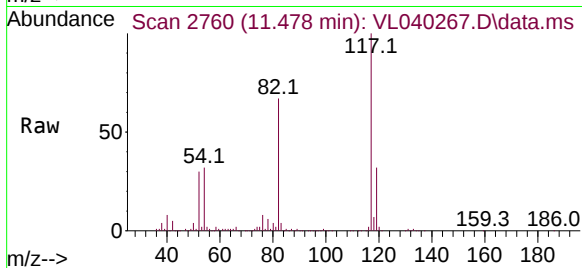
Tgt Ion:107 Resp: 860329
Ion Ratio Lower Upper
107 100
109 91.2 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

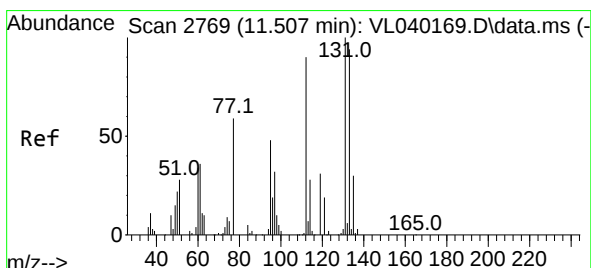
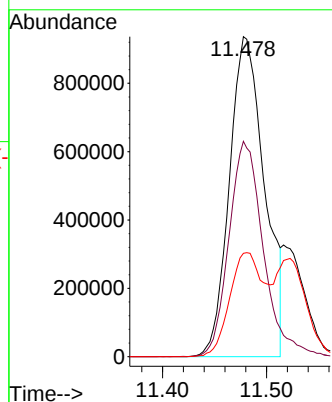
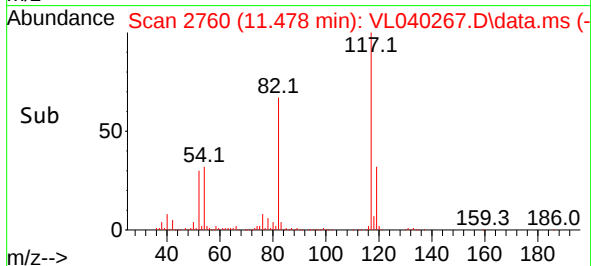
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



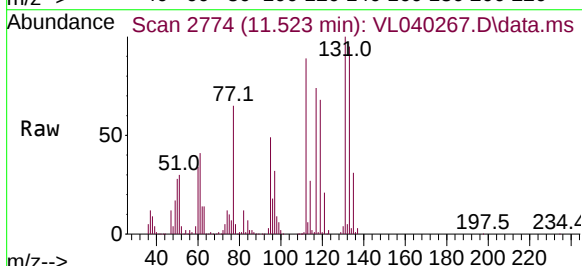
Tgt Ion:117 Resp: 219948
Ion Ratio Lower Upper
117 100
82 66.6 53.3 79.9
119 30.0 24.6 37.0

Manual Integrations
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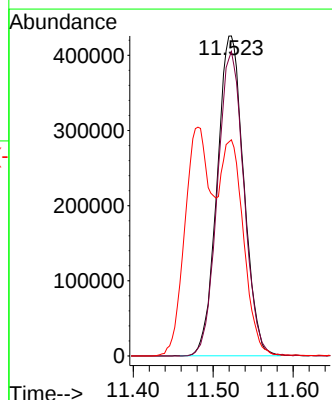
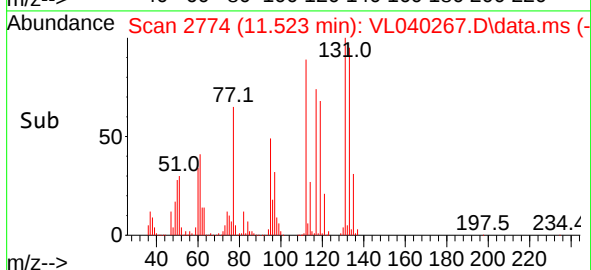
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

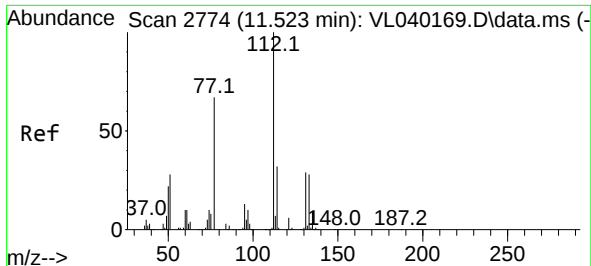


#56
1,1,1,2-Tetrachloroethane
Concen: 10.657 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



Tgt Ion:131 Resp: 983918
Ion Ratio Lower Upper
131 100
133 94.6 76.2 114.2
119 64.1 45.4 68.0





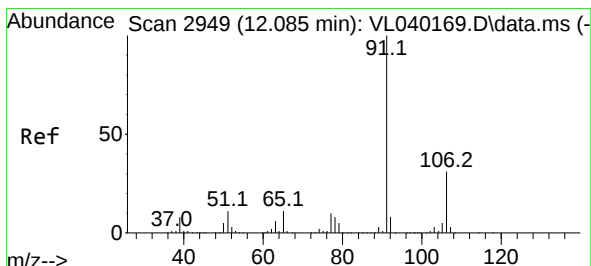
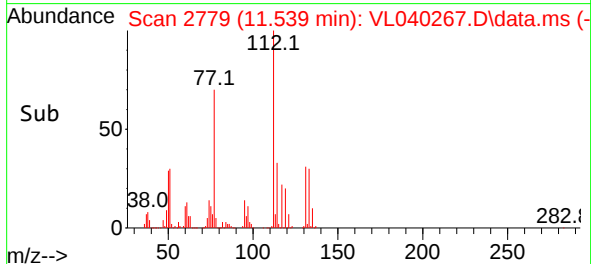
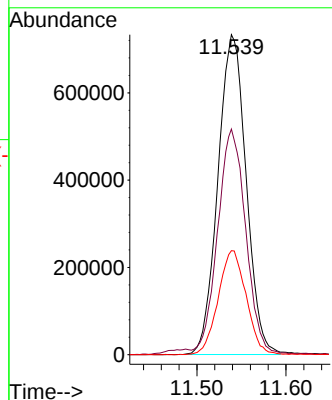
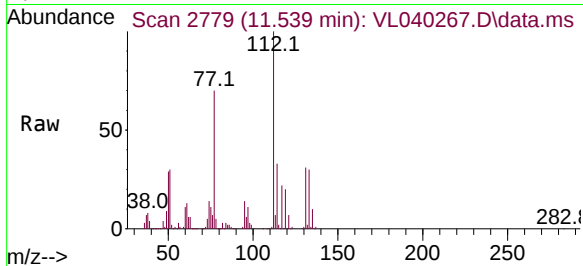
#57
Chlorobenzene
Concen: 10.045 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion:112 Resp: 1614200
Ion Ratio Lower Upper
112 100
77 69.9 55.0 82.4
114 32.4 29.0 35.4

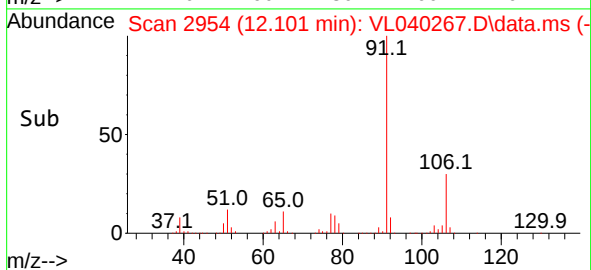
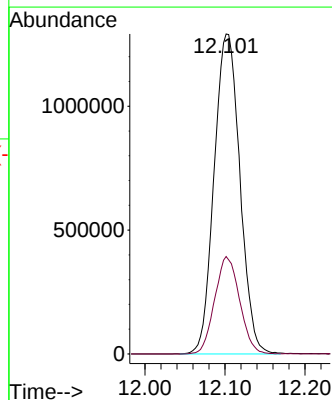
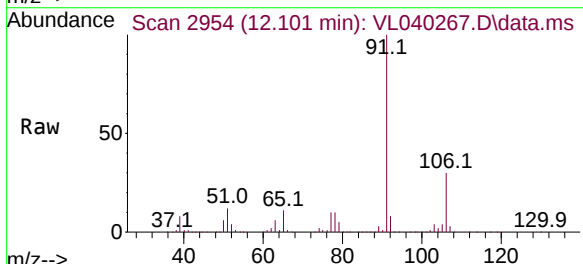
Manual Integrations
APPROVED

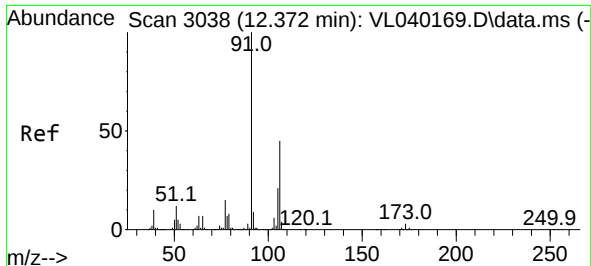
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#58
Ethyl Benzene
Concen: 10.813 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 91 Resp: 2889769
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





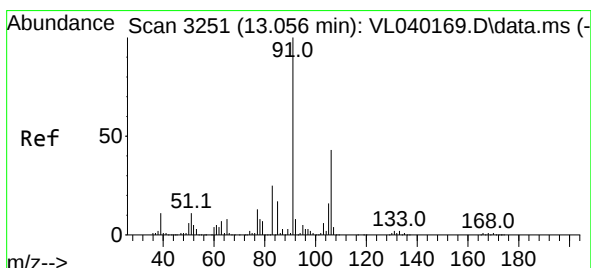
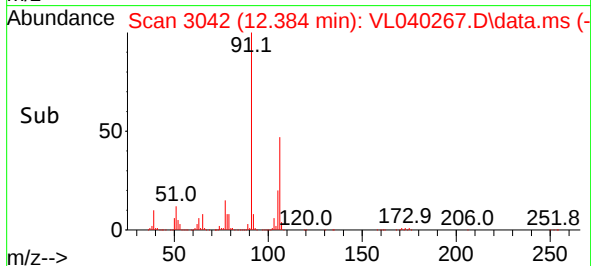
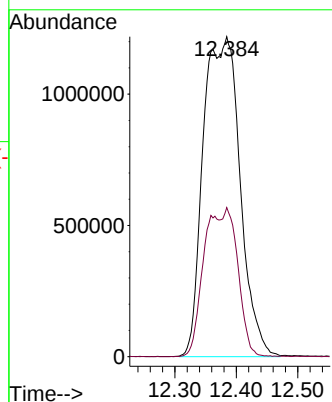
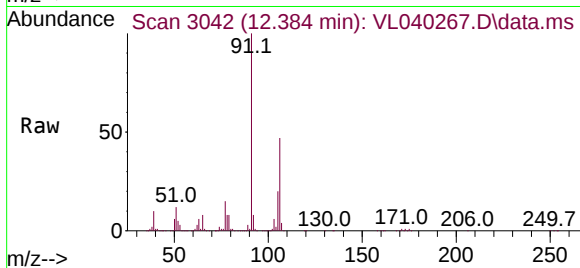
#59
m/p-Xylene
Concen: 21.401 ppbv m
RT: 12.384 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion: 91 Resp: 5065579
Ion Ratio Lower Upper
91 100
106 42.7 34.6 51.8

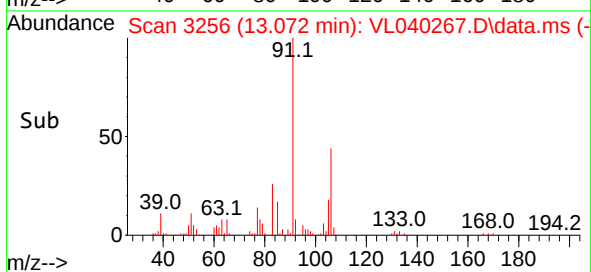
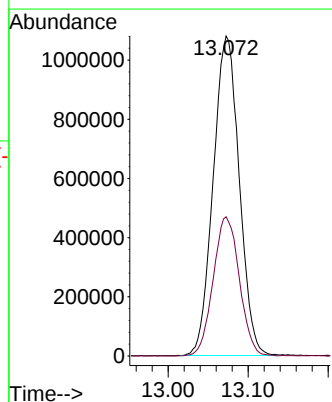
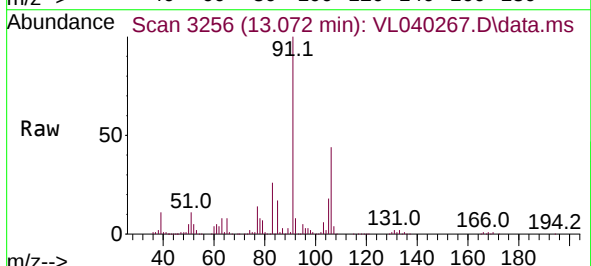
Manual Integrations
APPROVED

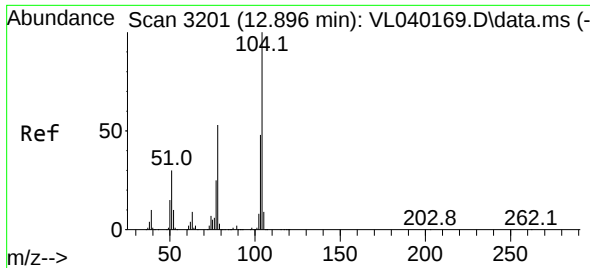
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
o-Xylene
Concen: 10.723 ppbv
RT: 13.072 min Scan# 3256
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

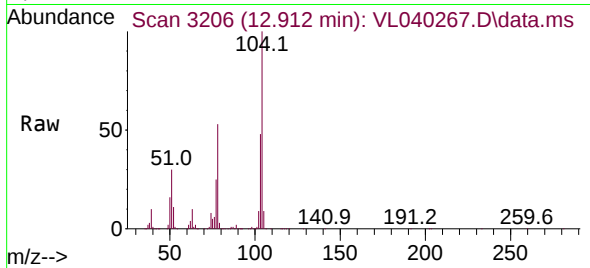
Tgt Ion: 91 Resp: 2442228
Ion Ratio Lower Upper
91 100
106 43.8 21.6 65.0





#61
Styrene
Concen: 11.350 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

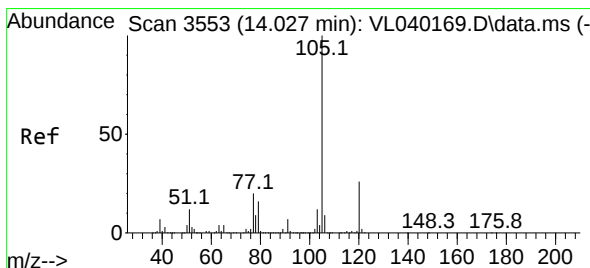
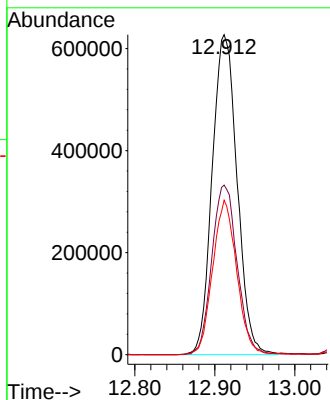
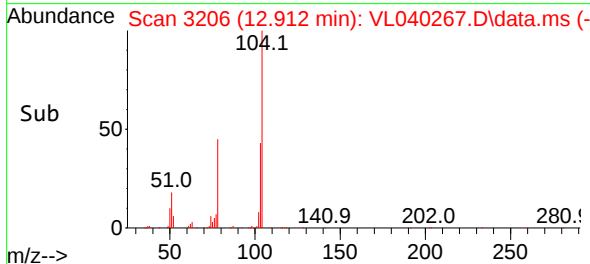
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



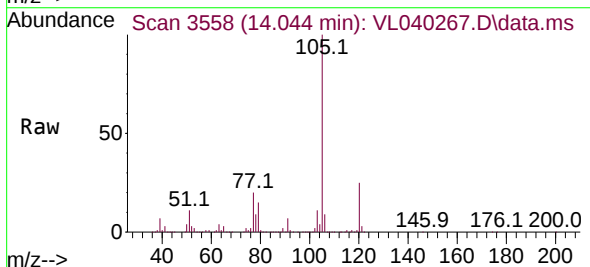
Tgt Ion:104 Resp: 135711
Ion Ratio Lower Upper
104 100
78 54.0 42.3 63.5
103 46.7 37.5 56.3

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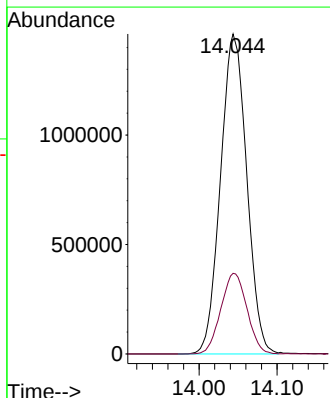
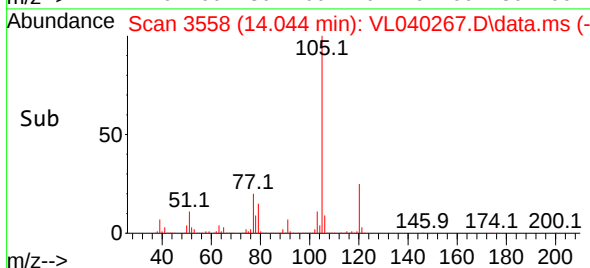
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

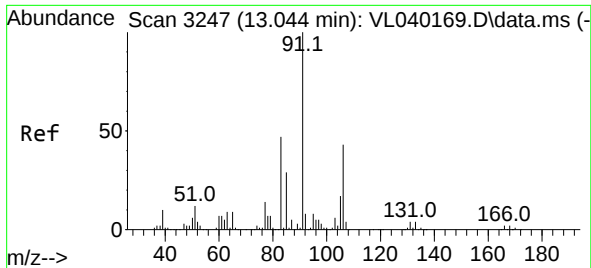


#62
Isopropylbenzene
Concen: 10.455 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



Tgt Ion:105 Resp: 3417824
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5





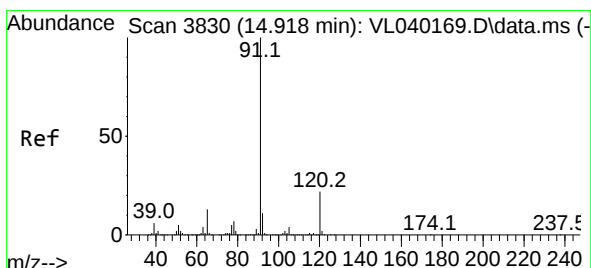
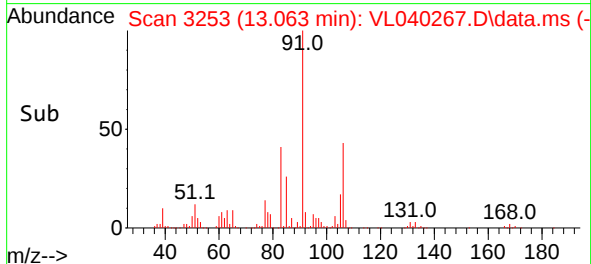
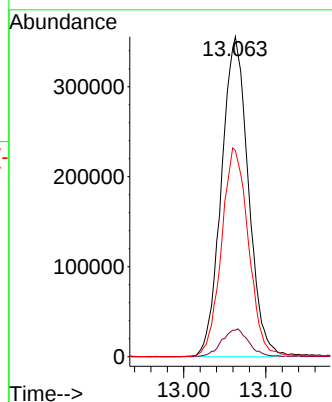
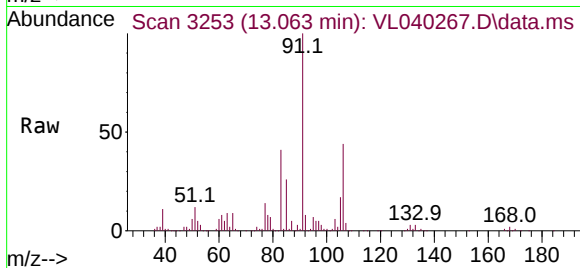
#63
1,1,2,2-Tetrachloroethane
Concen: 9.865 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion: 83 Resp: 80966
Ion Ratio Lower Upper
83 100
131 8.8 4.4 13.2
85 66.3 33.0 99.0

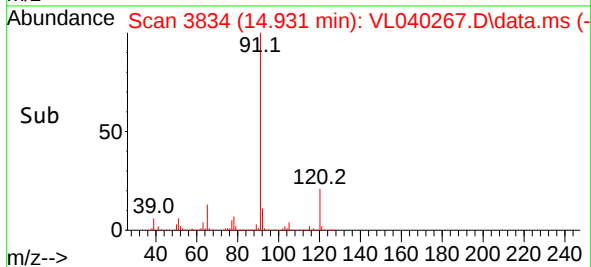
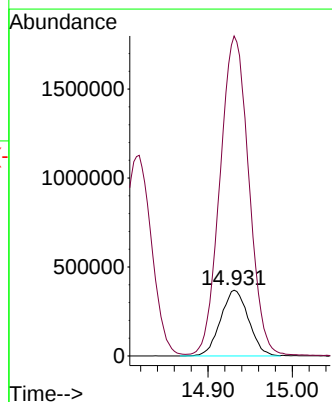
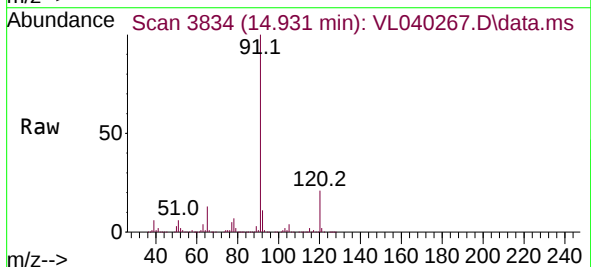
Manual Integrations
APPROVED

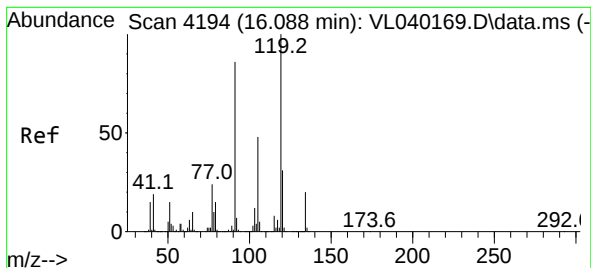
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
n-propylbenzene
Concen: 10.514 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

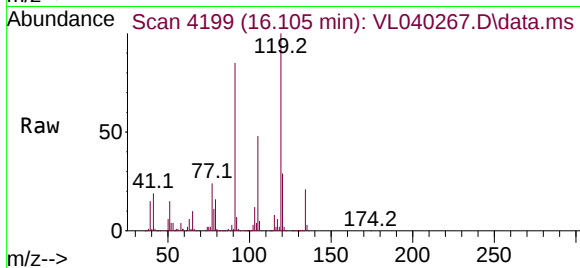
Tgt Ion:120 Resp: 850675
Ion Ratio Lower Upper
120 100
91 504.1 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.459 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

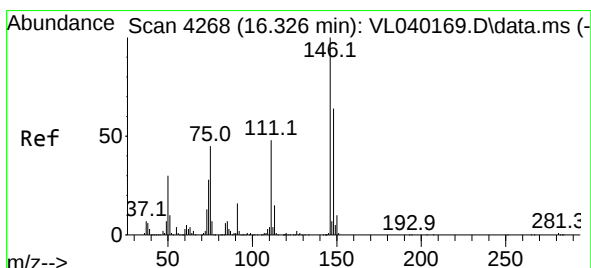
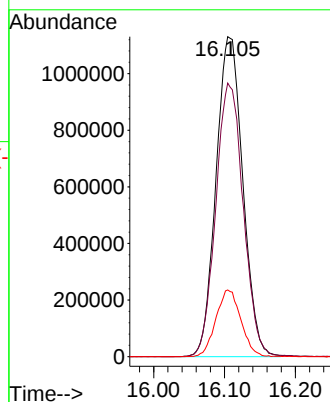
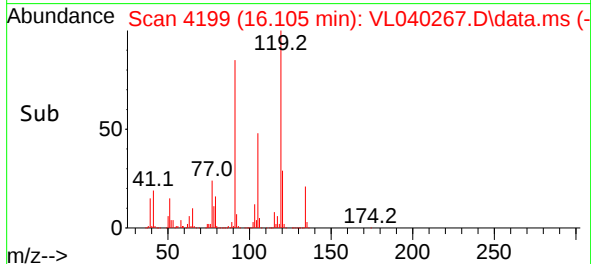
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



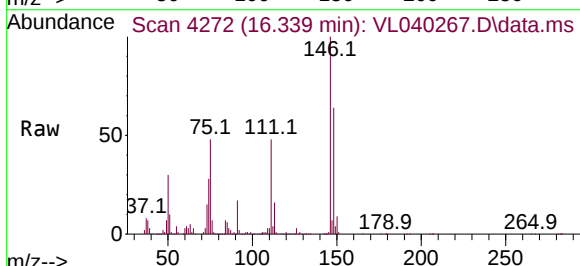
Tgt Ion:119 Resp: 297217
Ion Ratio Lower Upper
119 100
91 87.7 68.6 102.8
134 19.5 15.9 23.9

Manual Integrations
APPROVED

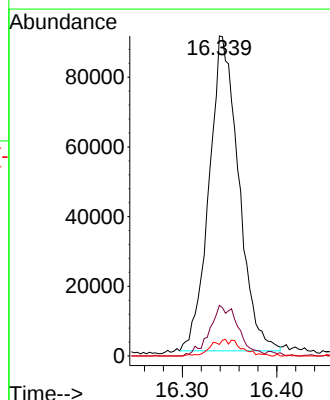
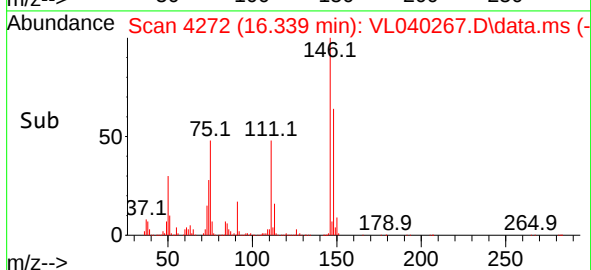
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

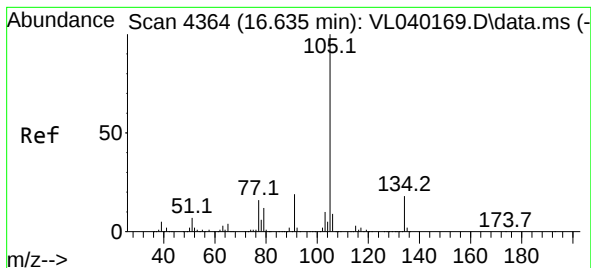


#66
Benzyl Chloride
Concen: 10.413 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



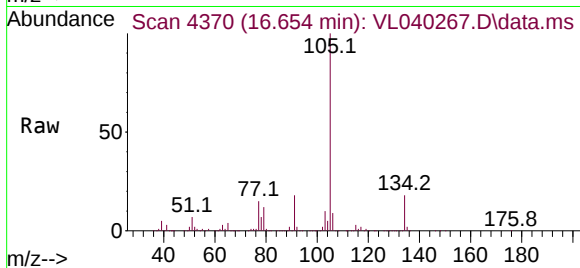
Tgt Ion: 91 Resp: 196921
Ion Ratio Lower Upper
91 100
126 16.2 13.1 19.7
128 5.4 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.385 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20

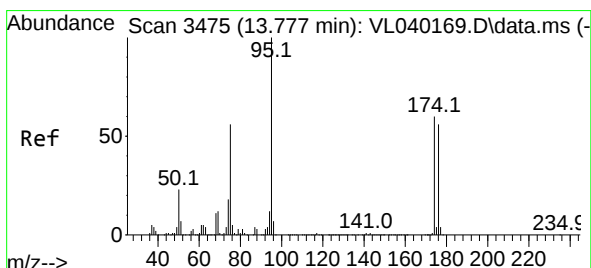
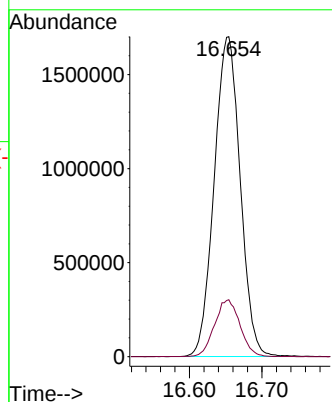
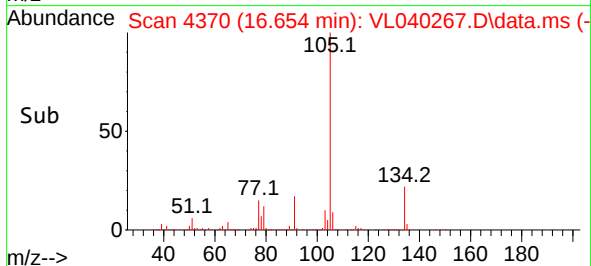
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABS01



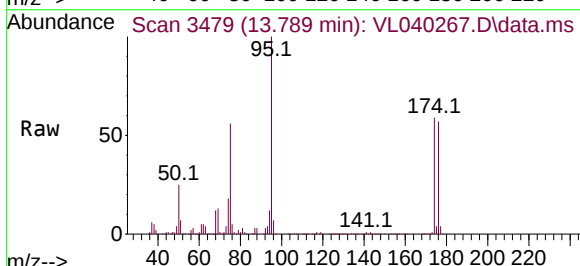
Tgt Ion:105 Resp: 423219
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.1 21.1

Manual Integrations
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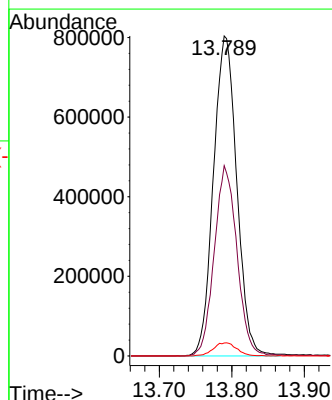
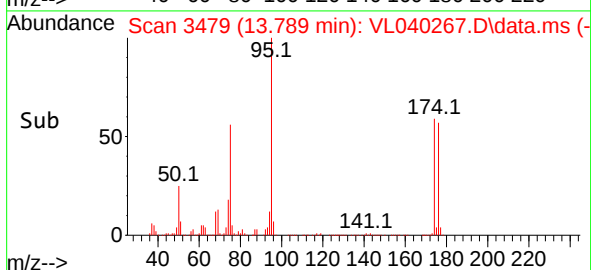
Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

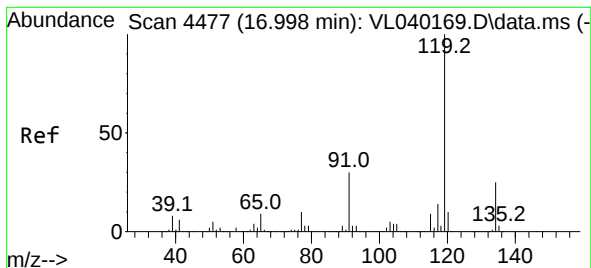


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.934 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.006 min
 Lab File: VL040267.D
 Acq: 13 Mar 2023 16:20



Tgt Ion: 95 Resp: 1796769
 Ion Ratio Lower Upper
 95 100
 174 58.1 48.2 72.2
 175 4.2 3.4 5.2





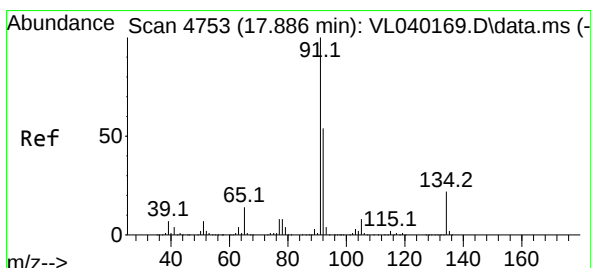
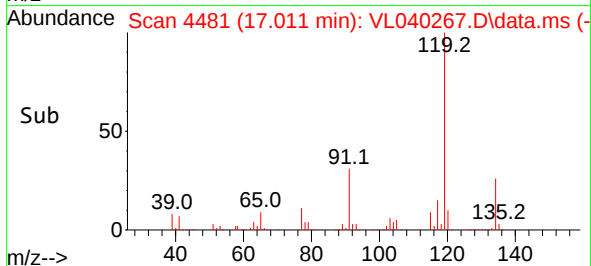
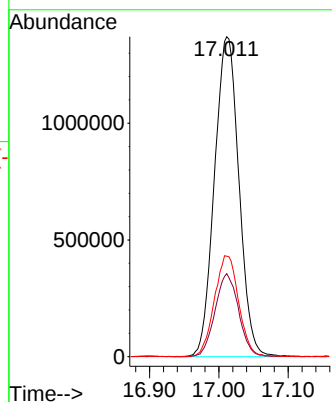
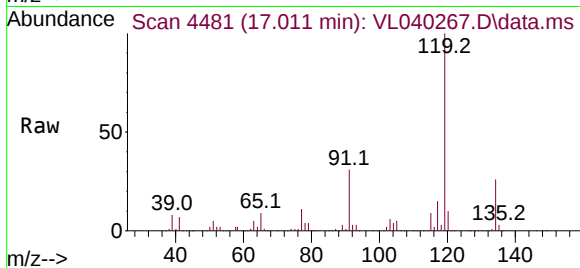
#69
p-Isopropyltoluene
Concen: 10.399 ppbv
RT: 17.011 min Scan# 4477
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion:119 Resp: 335968
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.2
91 31.4 24.7 37.1

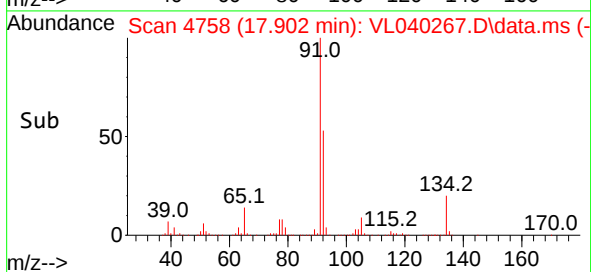
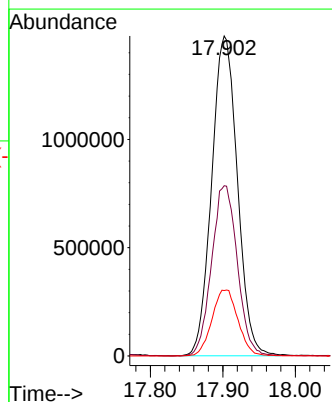
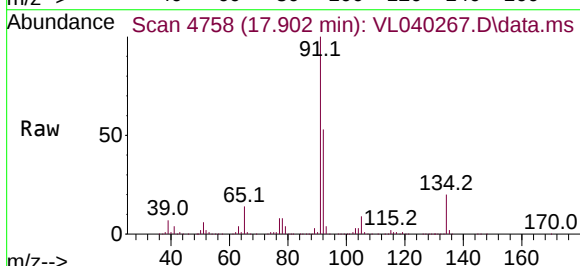
Manual Integrations
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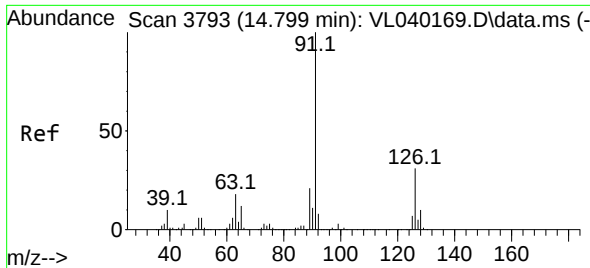
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
n-Butylbenzene
Concen: 10.376 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 91 Resp: 3638626
Ion Ratio Lower Upper
91 100
92 53.4 43.0 64.6
134 21.0 16.9 25.3





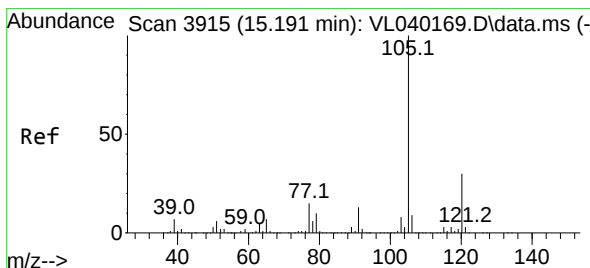
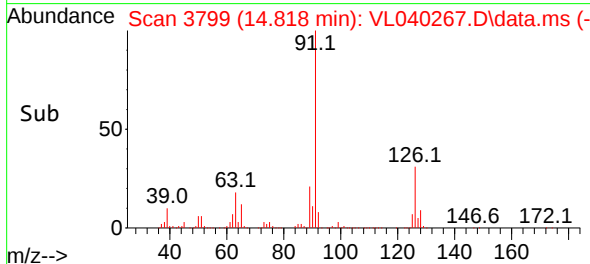
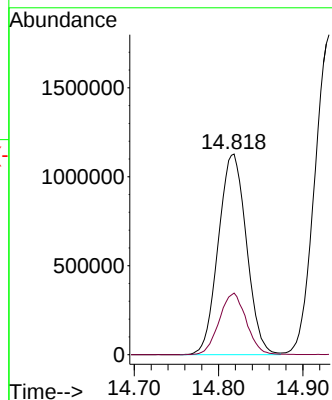
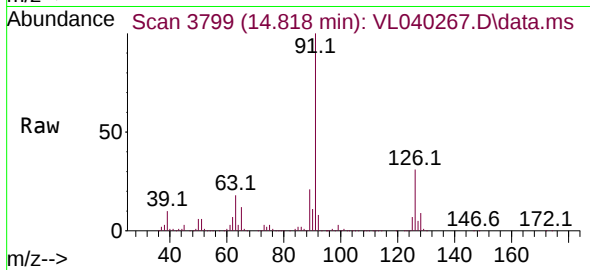
#71
2-Chlorotoluene
Concen: 10.450 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01

Tgt Ion: 91 Resp: 261275
Ion Ratio Lower Upper
91 100
126 29.6 12.0 48.2

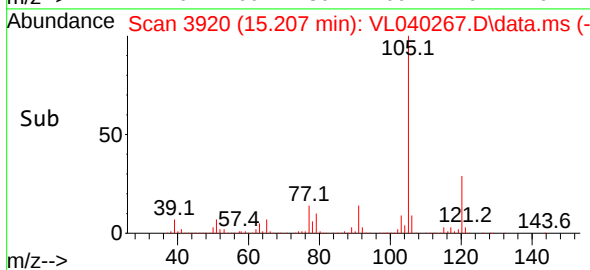
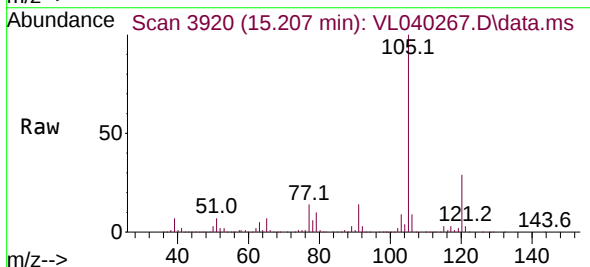
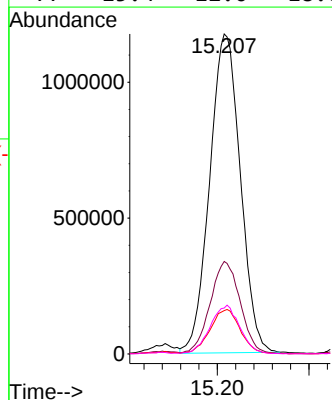
Manual Integrations
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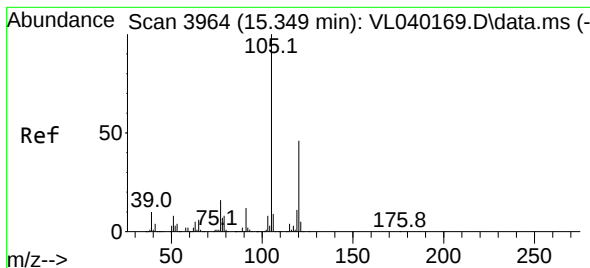
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#72
4-Ethyltoluene
Concen: 10.815 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

Tgt Ion:105 Resp: 2722782
Ion Ratio Lower Upper
105 100
120 29.4 23.2 34.8
91 13.7 11.3 16.9
77 15.4 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 10.453 ppbv

RT: 15.368 min Scan# 3964

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion:105 Resp: 2448810

Ion Ratio Lower Upper

105 100

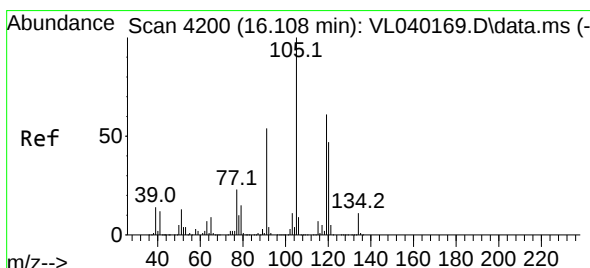
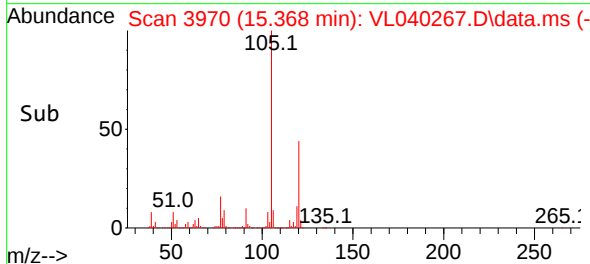
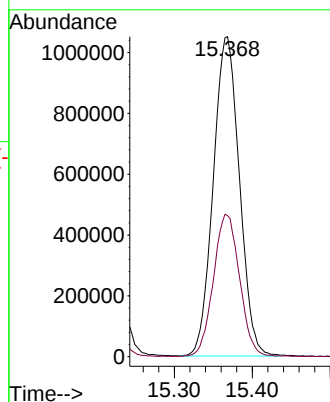
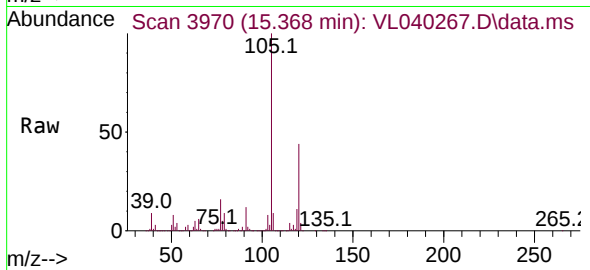
120 43.9 36.8 55.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.359 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.003 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Tgt Ion:105 Resp: 2665744

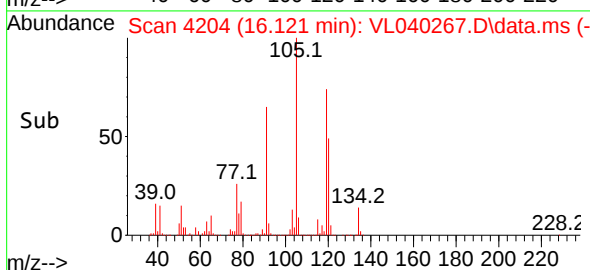
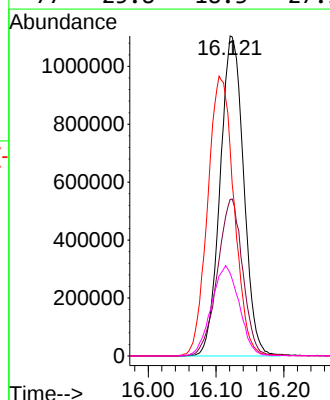
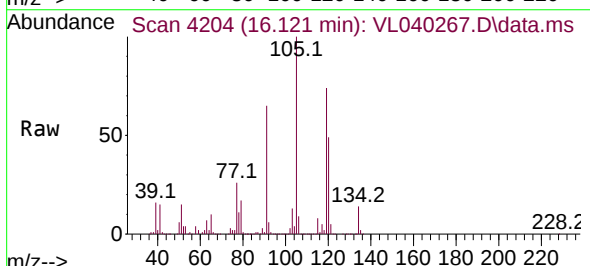
Ion Ratio Lower Upper

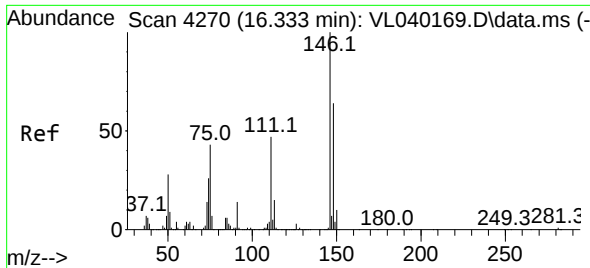
105 100

120 48.8 37.9 56.9

91 64.6 43.7 65.5

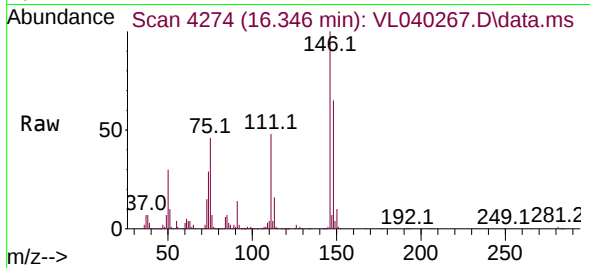
77 25.8 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 10.022 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

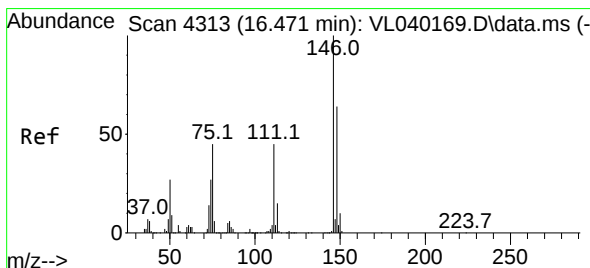
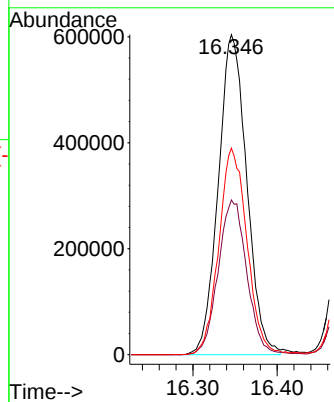
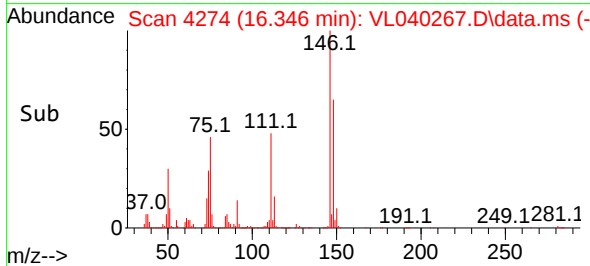
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



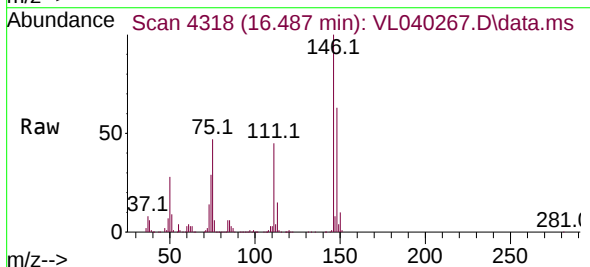
Tgt Ion:146 Resp: 141141
Ion Ratio Lower Upper
146 100
111 48.9 23.9 71.8
148 64.4 32.1 96.5

Manual Integrations
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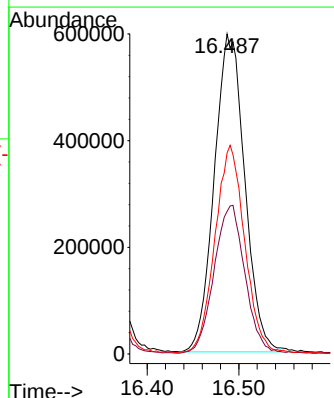
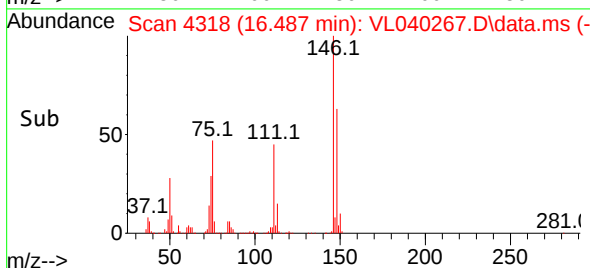
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#76
1,4-Dichlorobenzene
Concen: 9.955 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



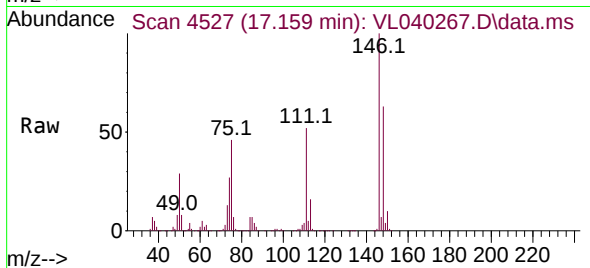
Tgt Ion:146 Resp: 1373786
Ion Ratio Lower Upper
146 100
111 48.3 23.5 70.5
148 65.0 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 9.679 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.006 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20

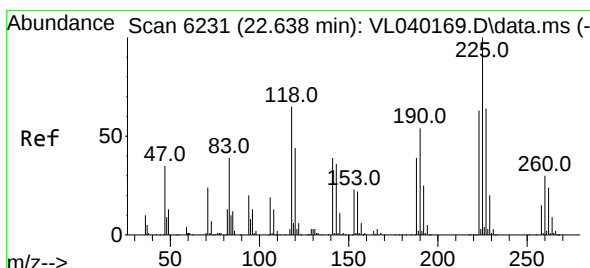
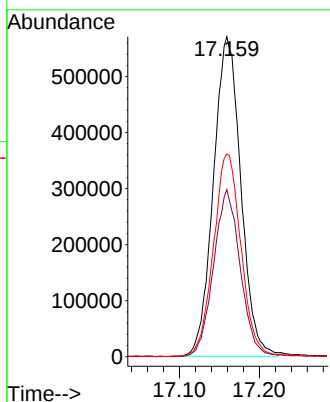
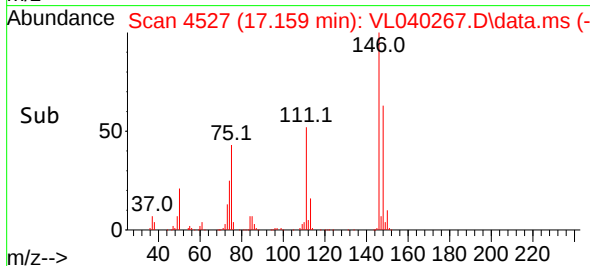
Instrument :
MSVOA_L
ClientSampleId :
VL0313ABS01



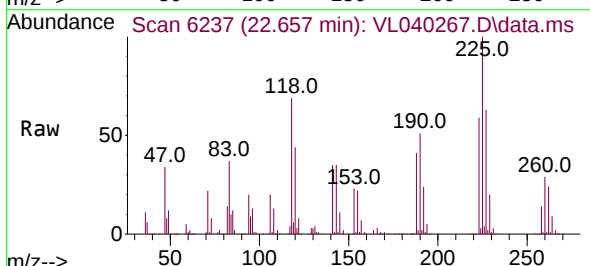
Tgt Ion:146 Resp: 1353958
Ion Ratio Lower Upper
146 100
111 51.2 25.3 75.8
148 64.1 32.0 96.2

Manual Integrations
APPROVED

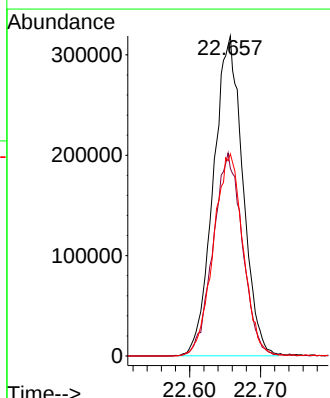
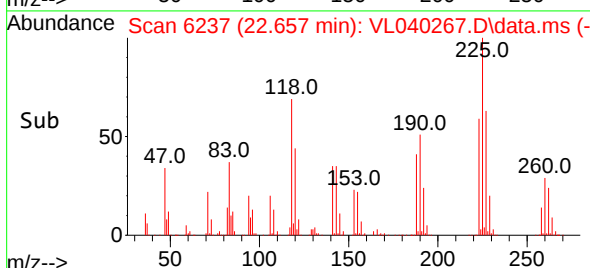
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

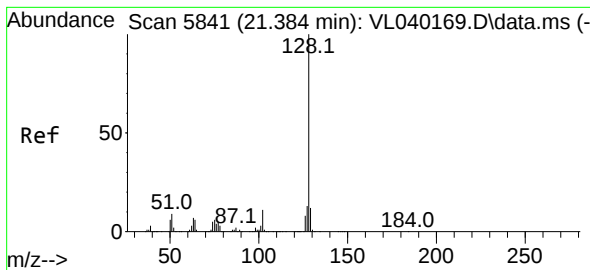


#78
Hexachloro-1,3-Butadiene
Concen: 9.539 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. 0.013 min
Lab File: VL040267.D
Acq: 13 Mar 2023 16:20



Tgt Ion:225 Resp: 916697
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 64.2 51.2 76.8





#79

Naphthalene

Concen: 12.529 ppbv

RT: 21.403 min Scan# 5841

Delta R.T. 0.006 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion:128 Resp: 181124

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

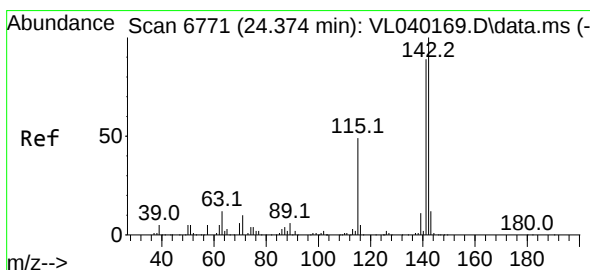
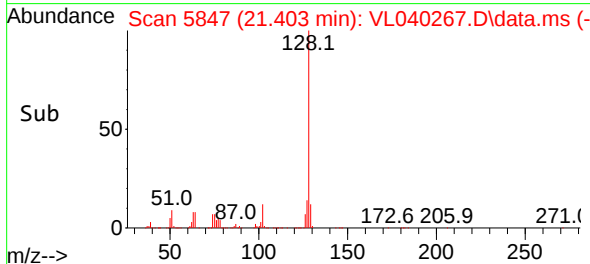
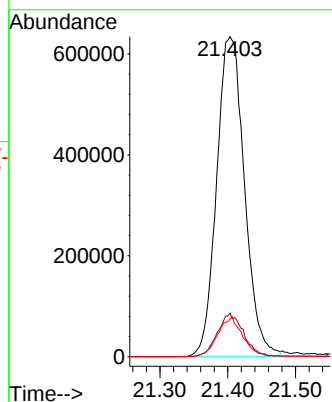
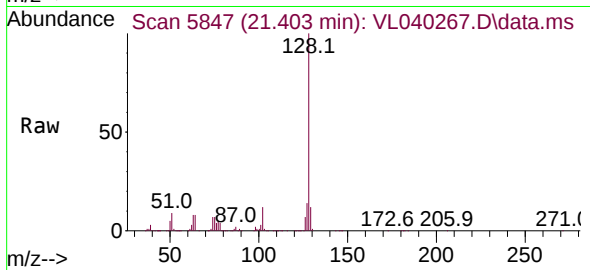
129 11.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#80

Naphthalene,2-methyl-

Concen: 8.942 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.010 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

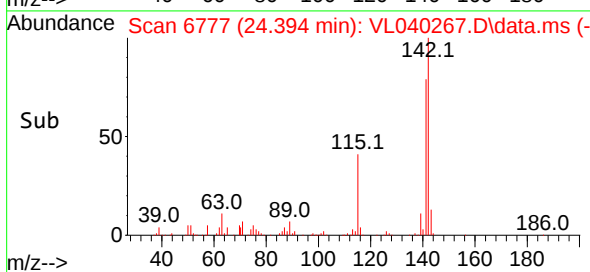
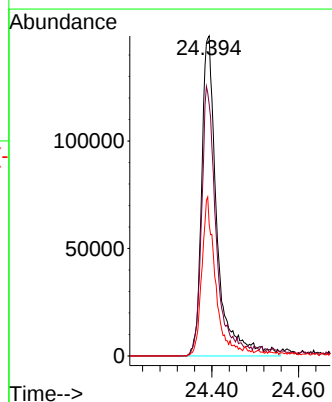
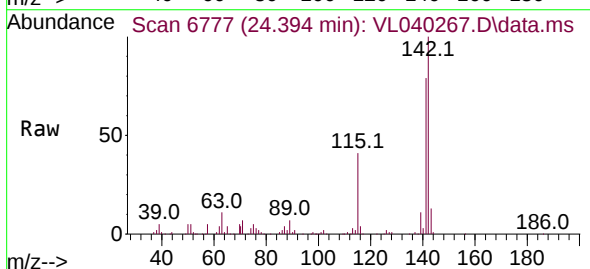
Tgt Ion:142 Resp: 367601

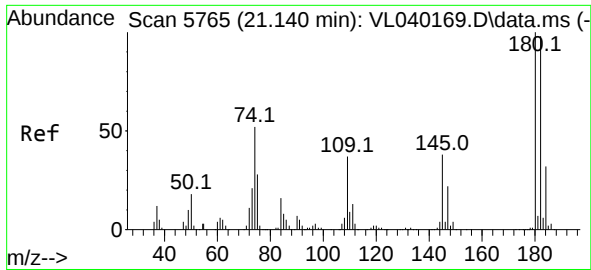
Ion Ratio Lower Upper

142 100

141 81.6 67.3 100.9

115 46.3 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.774 ppbv

RT: 21.159 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL040267.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

VL0313ABS01

Tgt Ion:180 Resp: 974710

Ion Ratio Lower Upper

180 100

182 97.6 79.0 118.6

184 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023

