

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040160.D
 Acq On : 13 Feb 2023 14:33
 Operator : SY/MD
 Sample : VL0213ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01

Quant Time: Feb 14 01:45:26 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Tue Feb 14 01:41:11 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Bromochloromethane	5.208	49	915953	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2324596	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	2305573	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 1756378 9.166 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1278656	7.962	ppbv	100
3) Chlorodifluoromethane	2.674	51	1080046	9.831	ppbv	99
4) Chloromethane	2.812	50	674388	9.932	ppbv	100
5) Vinyl Chloride	2.922	62	592093	10.285	ppbv	100
6) Bromomethane	3.121	94	205954	9.805	ppbv	95
7) Chloroethane	3.201	64	220912	10.040	ppbv	97
8) Dichlorotetrafluoroethane	2.857	85	1474246	9.833	ppbv	99
9) Propene	2.693	41	444486	9.738	ppbv	98
10) Heptane	7.603	43	1120130	10.647	ppbv	99
11) Trichlorofluoromethane	3.568	101	1509389	9.418	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.076	101	1155127	9.587	ppbv	100
13) Ethanol	3.253	45	34379m	8.183	ppbv	
14) Bromoethene	3.372	108	454632	10.164	ppbv	98
15) Acetone	3.472	43	1025284	9.333	ppbv	98
16) 1,3-Butadiene	2.986	39	534230	10.431	ppbv	97
17) tert-Butyl alcohol	3.883	59	1107840	10.830	ppbv	99
18) 1,1-Dichloroethene	3.890	96	505884	9.663	ppbv	98
19) Isopropyl Alcohol	3.578	45	509357	9.477	ppbv	99
20) Methylene Chloride	3.941	84	431884	8.911	ppbv	96
21) Allyl Chloride	4.005	41	718169	10.182	ppbv	98
22) trans-1,2-Dichloroethene	4.455	96	532410	9.953	ppbv	95
23) Vinyl Acetate	4.639	43	335598	9.424	ppbv #	97
24) 1,1-Dichloroethane	4.574	63	1062263	9.851	ppbv	98
25) Ethyl Acetate	5.218	43	2064266	10.667	ppbv	100
26) Hexane	5.227	57	881339	10.406	ppbv	98
27) Carbon Disulfide	4.134	76	1228700	11.198	ppbv	99
28) Methyl tert-Butyl Ether	4.597	73	963051	10.108	ppbv	99
29) Chloroform	5.288	83	1505503	11.118	ppbv	99
30) Cyclohexane	6.623	84	730127	10.844	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	903327	11.017	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1501541	10.910	ppbv	100
34) 2-Butanone	4.796	43	1149803	10.457	ppbv	99
35) Carbon Tetrachloride	6.513	117	1556844	11.845	ppbv	98
36) Benzene	6.388	78	1855474	10.786	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1162884	10.517	ppbv	100
38) Trichloroethene	7.314	130	1107694	11.346	ppbv	99
39) 1,2-Dichloropropane	7.095	63	711958	10.581	ppbv	99
40) 1,4-Dioxane	7.311	88	270954	10.147	ppbv	86
41) Tetrahydrofuran	5.574	42	706229	11.128	ppbv	100
42) Bromodichloromethane	7.272	83	1643307	11.006	ppbv	99
43) Methyl Methacrylate	7.497	69	735676	11.654	ppbv	99
44) 2,2,4-Trimethylpentane	7.349	57	3078396	10.761	ppbv	99
45) t-1,3-Dichloropropene	8.735	75	703954	12.505	ppbv	100

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Instrument :
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 ClientSampleId :
 VL0213ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 01:45:26 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Tue Feb 14 01:41:11 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	961913	12.505	ppbv	97
47) 1,1,2-Trichloroethane	8.925	97	743107	10.489	ppbv	97
48) Dibromochloromethane	9.741	129	1276414	11.210	ppbv	99
49) Bromoform	12.442	173	963985	10.990	ppbv	99
50) 4-Methyl-2-Pentanone	8.205	43	1887742	10.915	ppbv	100
51) 2-Hexanone	9.577	43	1453169	11.090	ppbv	99
52) Tetrachloroethene	10.645	164	603531	10.724	ppbv	97
53) Toluene	9.249	91	2079417	11.333	ppbv	100
54) 1,2-Dibromoethane	10.037	107	839675	11.321	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.542	131	911380	10.157	ppbv	99
57) Chlorobenzene	11.558	112	1549551	9.860	ppbv	99
58) Ethyl Benzene	12.118	91	2783231	10.817	ppbv	100
59) m/p-Xylene	12.400	91	4792448m	20.716	ppbv	
60) o-Xylene	13.092	91	2282836	10.396	ppbv	100
61) Styrene	12.931	104	1298207	11.346	ppbv	99
62) Isopropylbenzene	14.063	105	3172229	10.044	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	741366	9.298	ppbv	99
64) n-propylbenzene	14.950	120	810872	10.328	ppbv	99
65) tert-Butylbenzene	16.127	119	2829034	10.462	ppbv	99
66) Benzyl Chloride	16.365	91	194738m	10.538	ppbv	
67) sec-Butylbenzene	16.670	105	4041756	10.543	ppbv	99
69) p-Isopropyltoluene	17.031	119	3247401	10.780	ppbv	100
70) n-Butylbenzene	17.921	91	3547749	10.921	ppbv	100
71) 2-Chlorotoluene	14.834	91	2480277	10.211	ppbv	100
72) 4-Ethyltoluene	15.227	105	2568745	10.542	ppbv	100
73) 1,3,5-Trimethylbenzene	15.384	105	2301412	10.490	ppbv	99
74) 1,2,4-Trimethylbenzene	16.143	105	2527772	10.401	ppbv	97
75) 1,3-Dichlorobenzene	16.365	146	1397107	10.351	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	1369811	10.322	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	1376800	10.666	ppbv	99
78) Hexachloro-1,3-Butadiene	22.673	225	916611	9.695	ppbv	98
79) Naphthalene	21.426	128	1877540	13.486	ppbv	99
80) Naphthalene,2-methyl-	24.410	142	338203	7.209	ppbv	97
81) 1,2,4-Trichlorobenzene	21.178	180	983974	11.467	ppbv	100

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

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Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

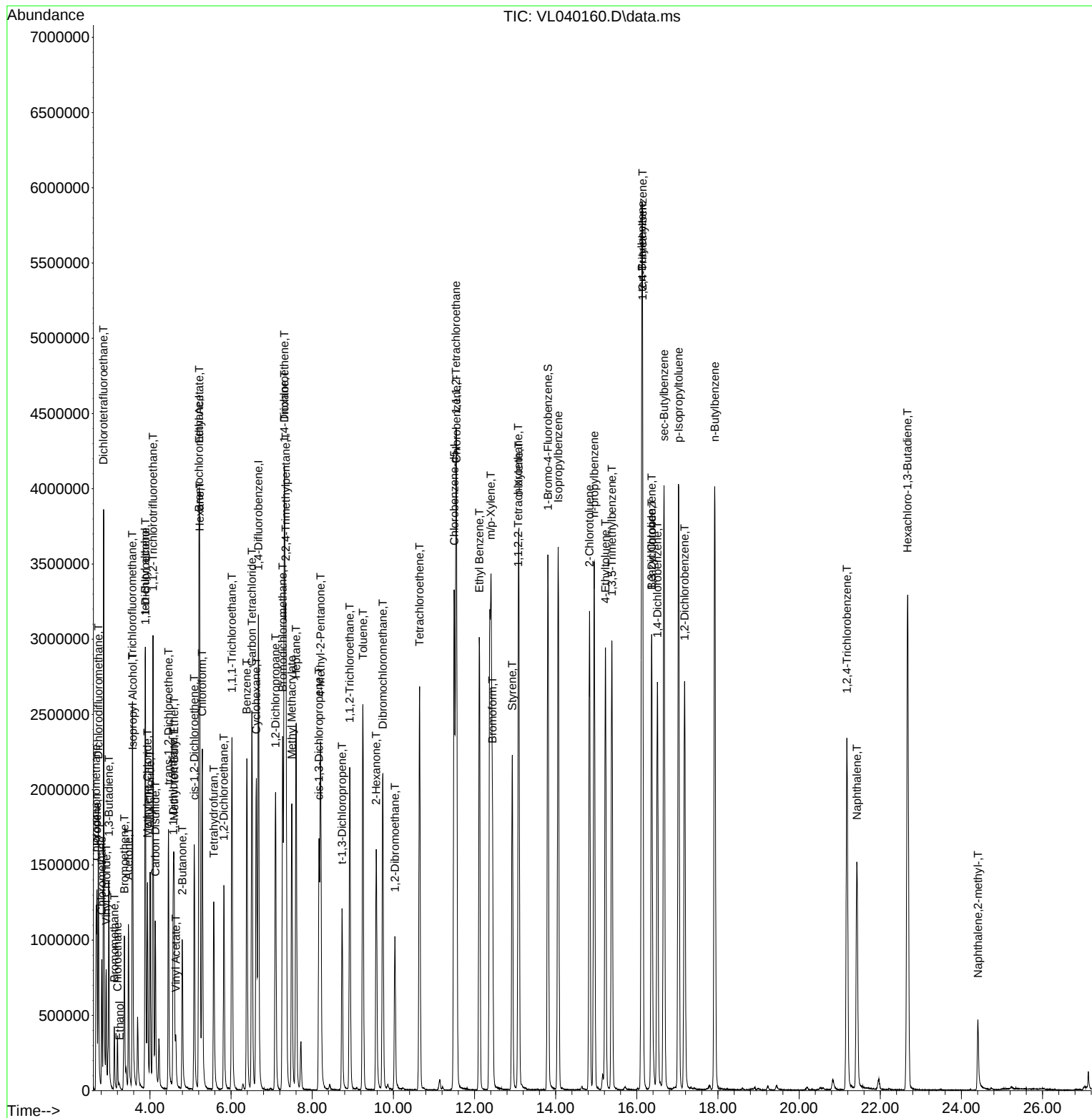
Quant Time: Feb 14 01:45:26 2023

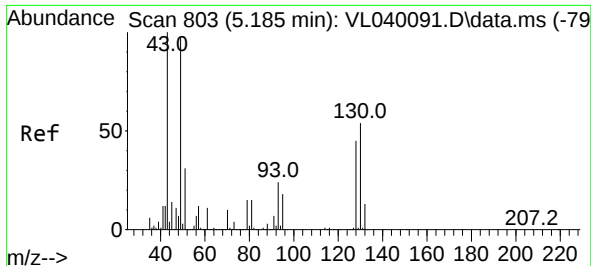
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug

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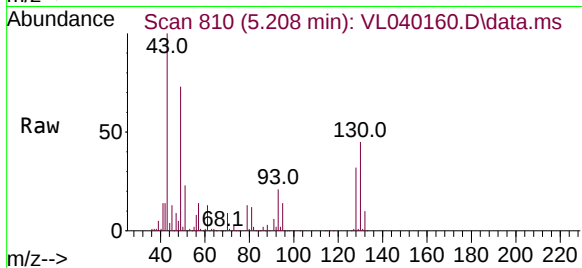
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

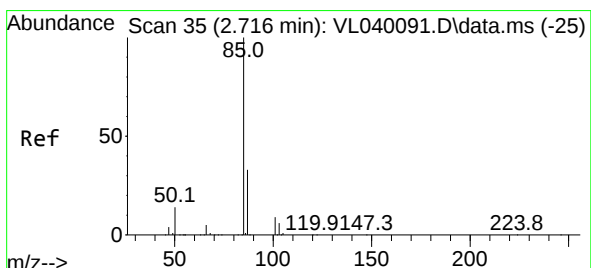
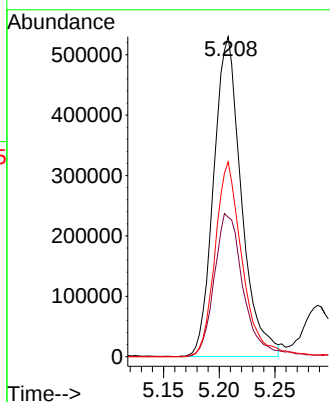
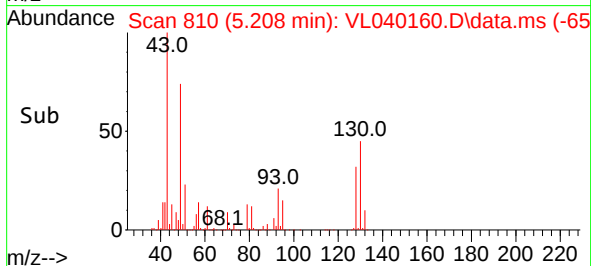
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 49 Resp: 91595
Ion Ratio Lower Upper
49 100
128 48.0 23.6 71.0
130 61.1 29.8 89.3

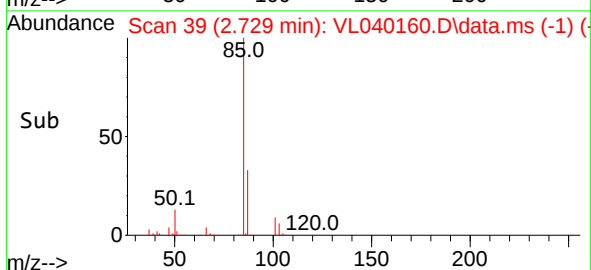
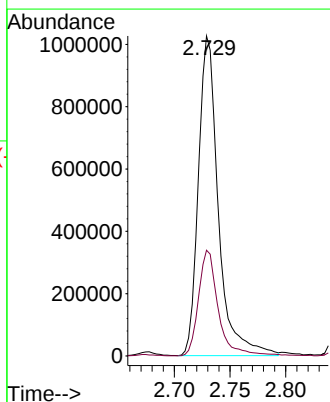
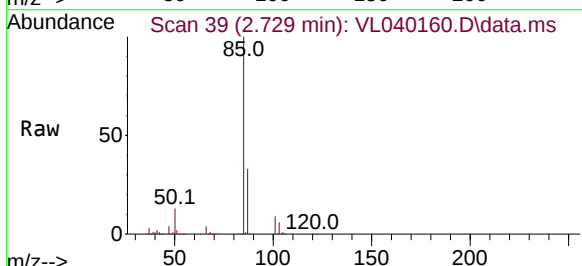
Manual Integrations
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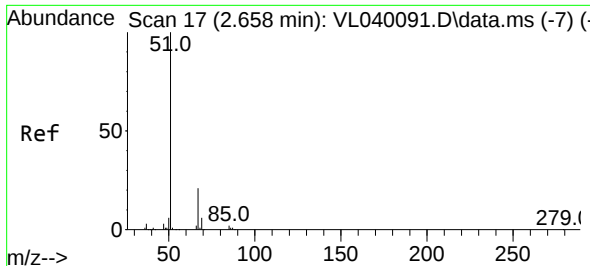
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 7.962 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

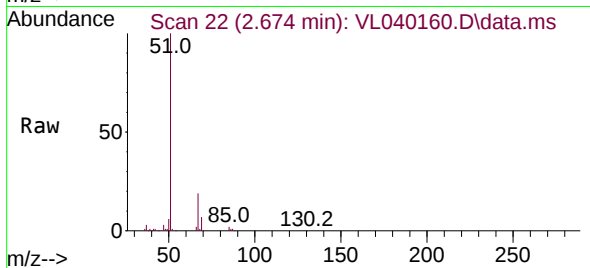
Tgt Ion: 85 Resp: 1278656
Ion Ratio Lower Upper
85 100
87 33.0 26.5 39.7





#3
Chlorodifluoromethane
Concen: 9.831 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

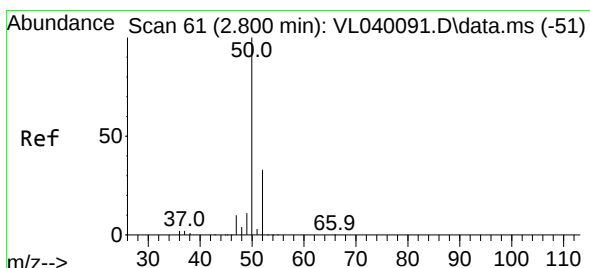
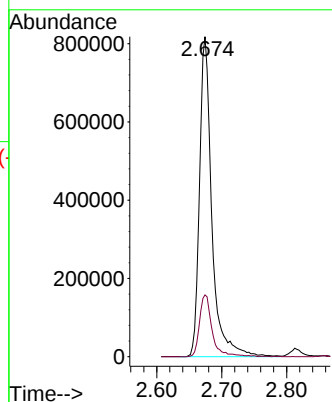
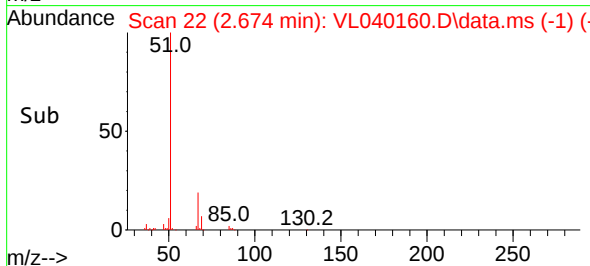
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 51 Resp: 1080040
Ion Ratio Lower Upper
51 100
67 19.9 16.4 24.6

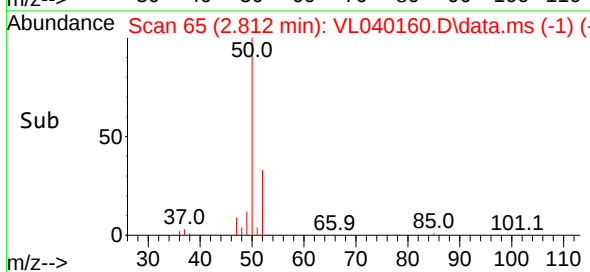
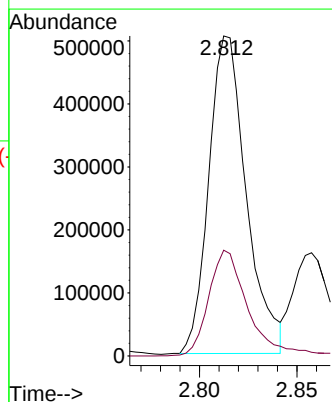
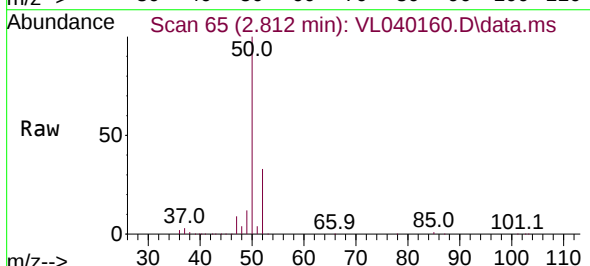
Manual Integrations
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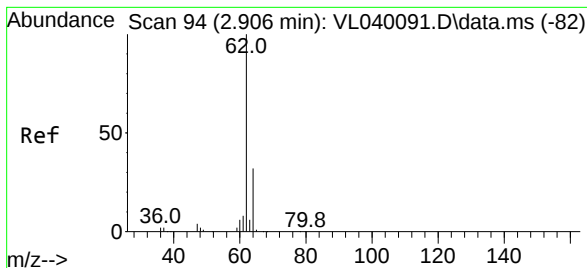
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#4
Chloromethane
Concen: 9.932 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 50 Resp: 674388
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7





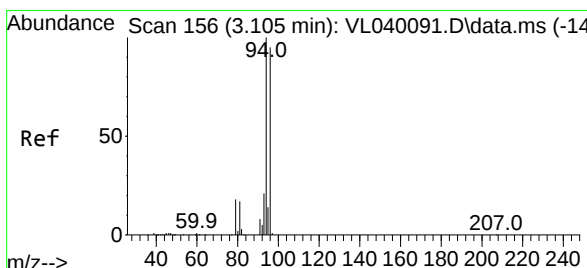
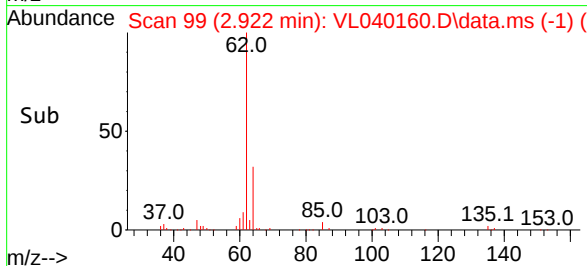
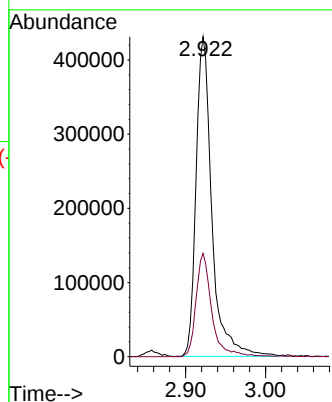
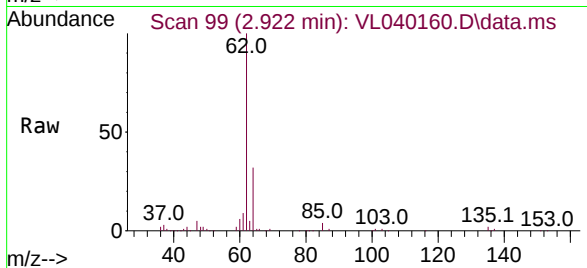
#5
 Vinyl Chloride
 Concen: 10.285 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01

Tgt Ion: 62 Resp: 592093
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6

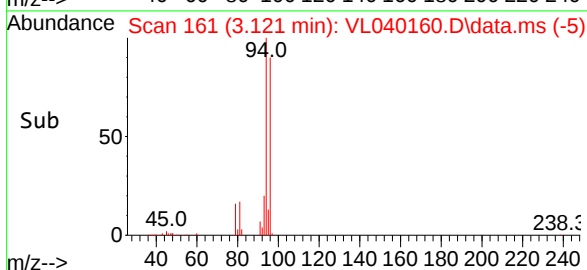
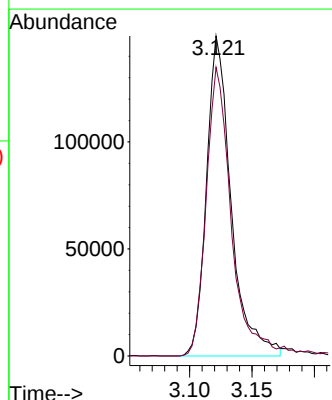
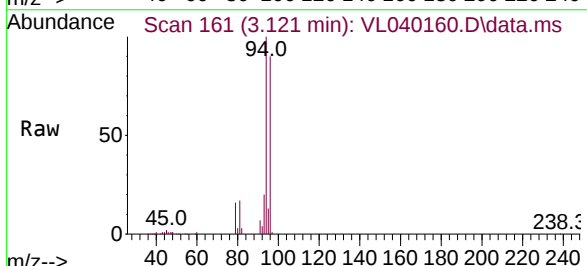
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#6
 Bromomethane
 Concen: 9.805 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

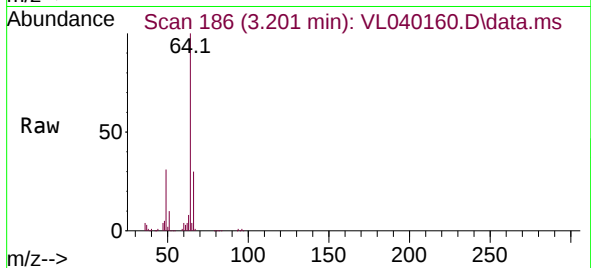
Tgt Ion: 94 Resp: 205954
 Ion Ratio Lower Upper
 94 100
 96 90.2 76.2 114.2





#7
Chloroethane
Concen: 10.040 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

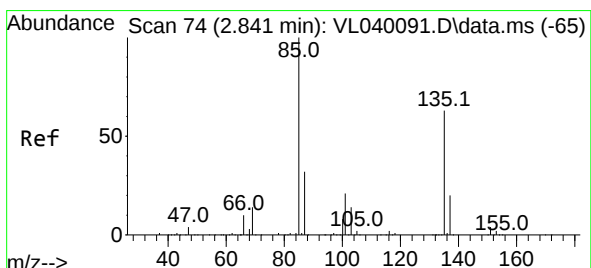
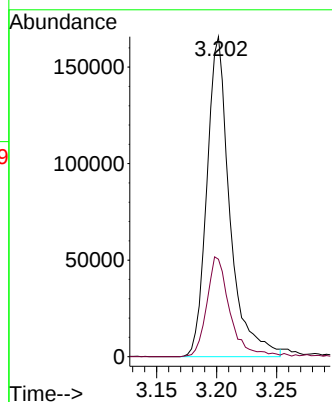
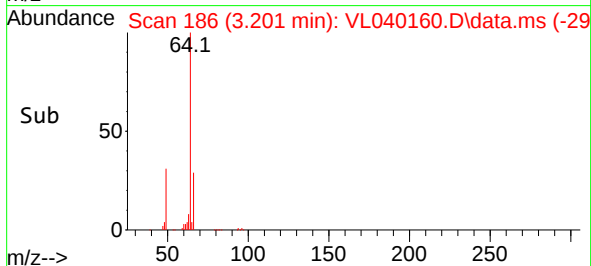
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 64 Resp: 220912
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4

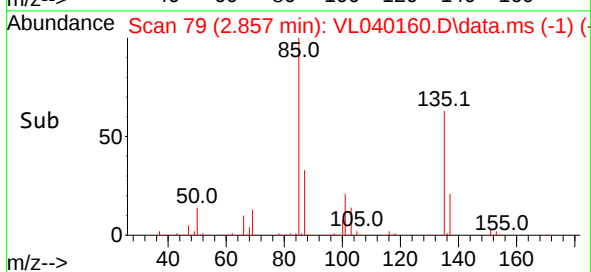
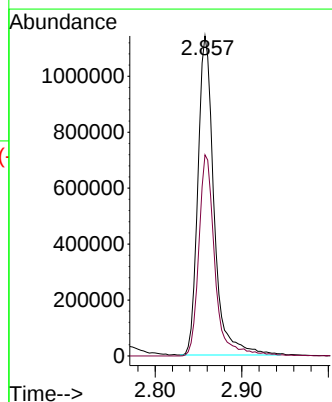
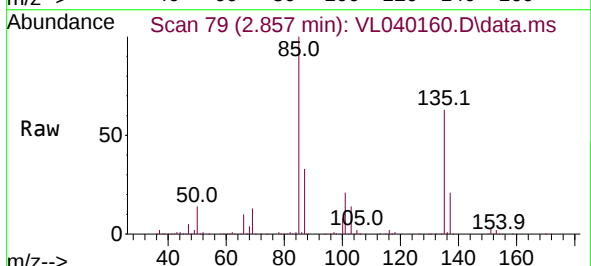
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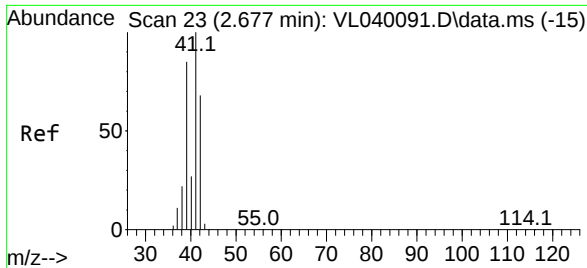
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#8
Dichlorotetrafluoroethane
Concen: 9.833 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

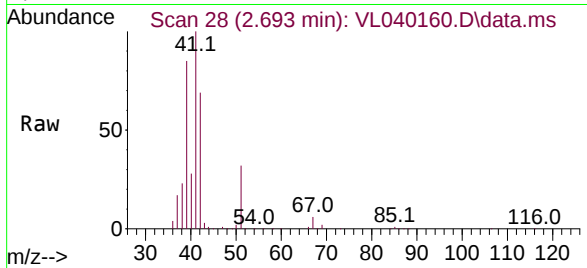
Tgt Ion: 85 Resp: 1474246
Ion Ratio Lower Upper
85 100
135 63.3 51.4 77.2





#9
 Propene
 Concen: 9.738 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

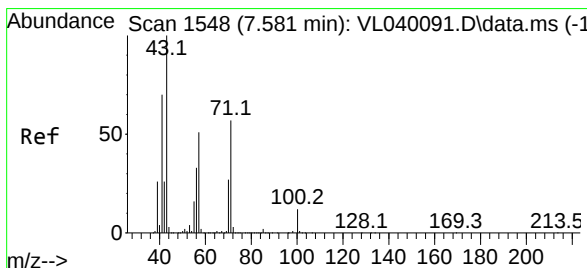
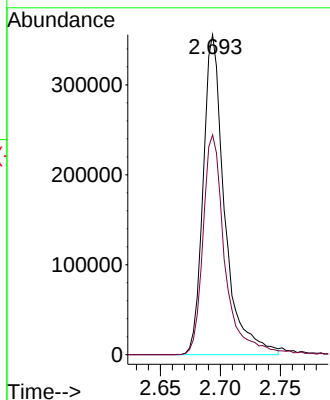
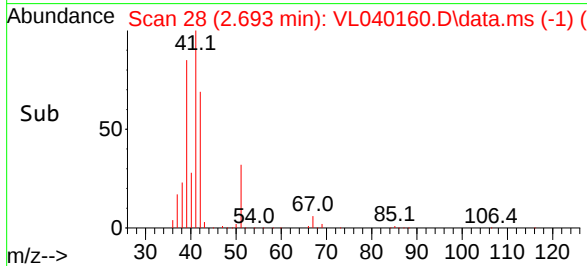
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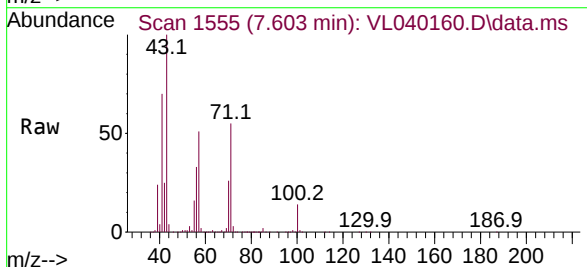
Tgt Ion: 41 Resp: 444480
 Ion Ratio Lower Upper
 41 100
 42 71.0 55.6 83.4

Manual Integrations
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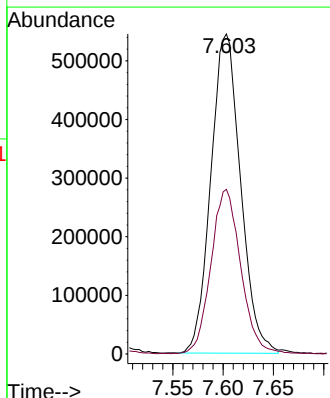
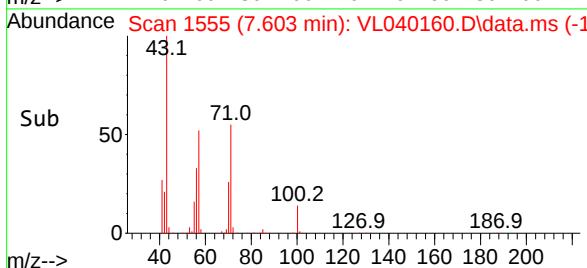
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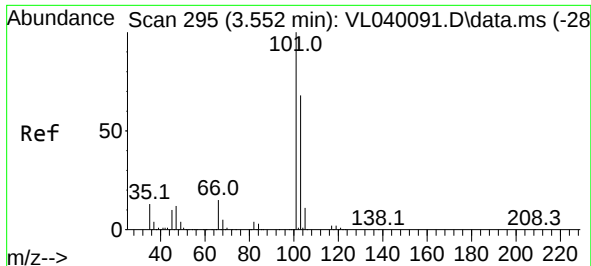


#10
 Heptane
 Concen: 10.647 ppbv
 RT: 7.603 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33



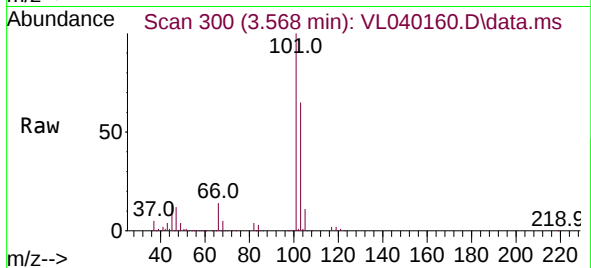
Tgt Ion: 43 Resp: 1120130
 Ion Ratio Lower Upper
 43 100
 57 51.9 40.9 61.3





#11
Trichlorofluoromethane
Concen: 9.418 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

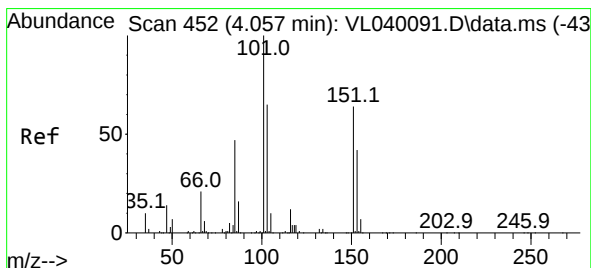
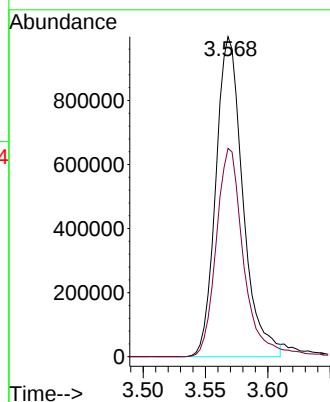
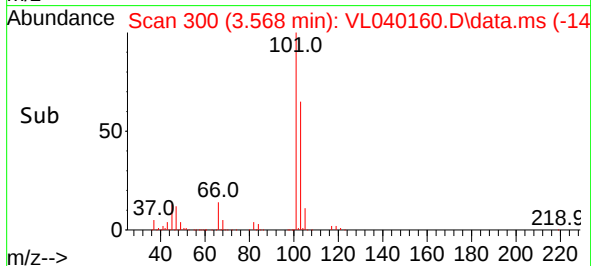
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



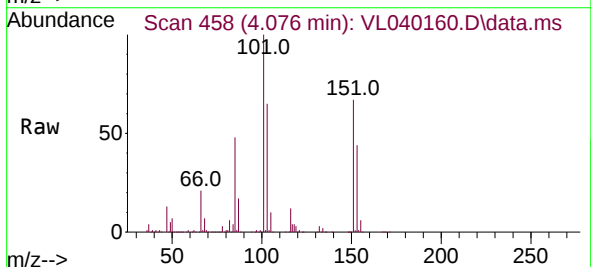
Tgt Ion:101 Resp: 1509389
Ion Ratio Lower Upper
101 100
103 65.1 54.0 81.0

Manual Integrations
APPROVED

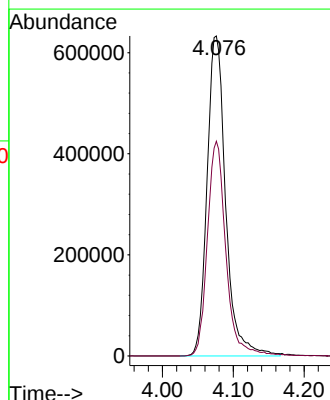
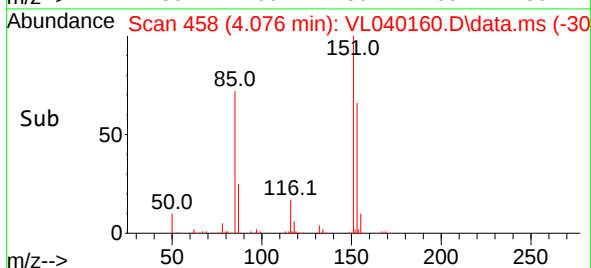
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

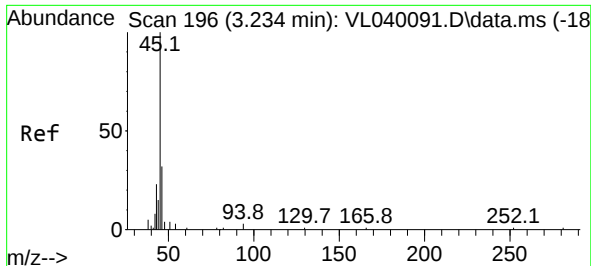


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.587 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



Tgt Ion:101 Resp: 1155127
Ion Ratio Lower Upper
101 100
151 66.9 53.2 79.8





#13

Ethanol

Concen: 8.183 ppbv

RT: 3.253 min Scan# 202

Delta R.T. 0.010 min

Lab File: VL040160.D

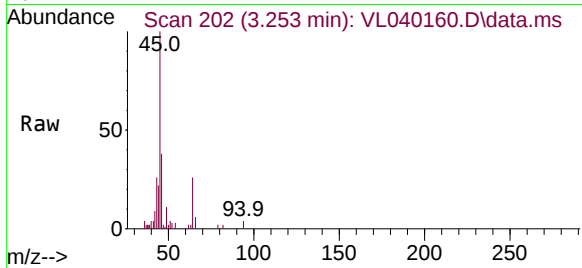
Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

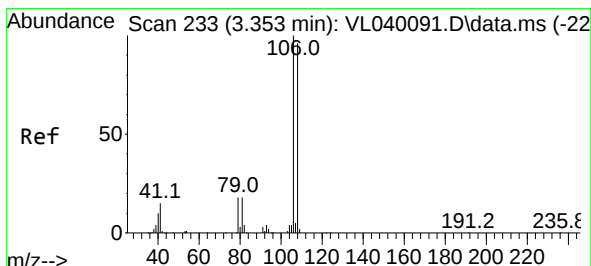
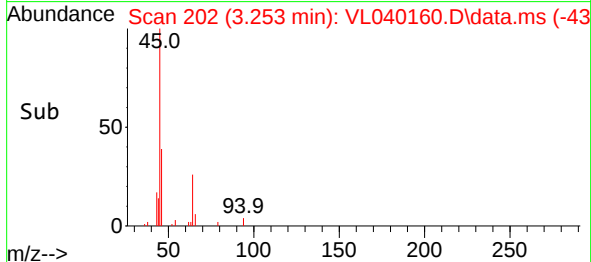
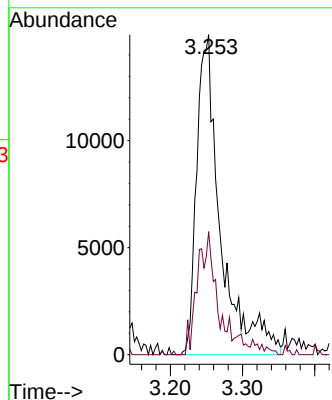


Tgt Ion: 45	Resp: 34379
Ion Ratio	Lower Upper
45	100
46	35.8 14.8 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14

Bromoethene

Concen: 10.164 ppbv

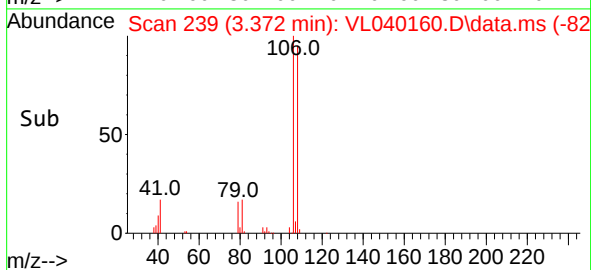
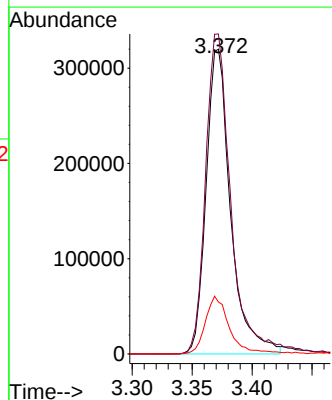
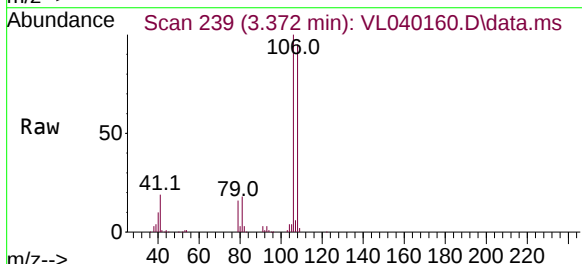
RT: 3.372 min Scan# 239

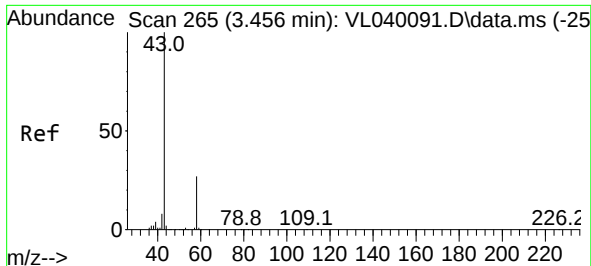
Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

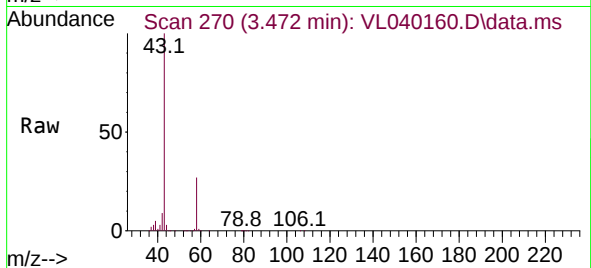
Tgt Ion:108	Resp: 454632
Ion Ratio	Lower Upper
108	100
106	110.6 87.0 130.6
79	19.5 16.1 24.1





#15
Acetone
Concen: 9.333 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

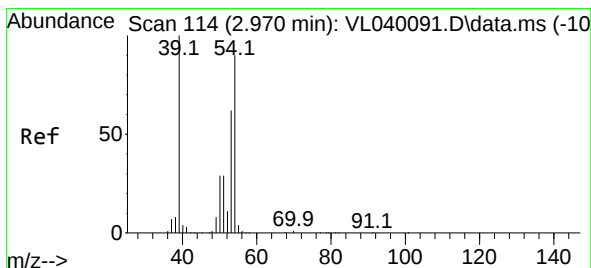
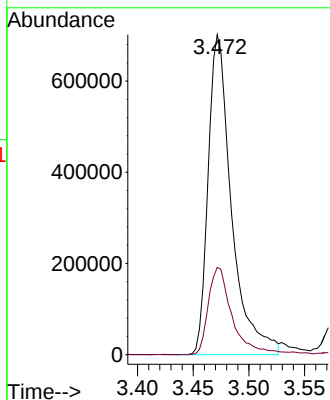
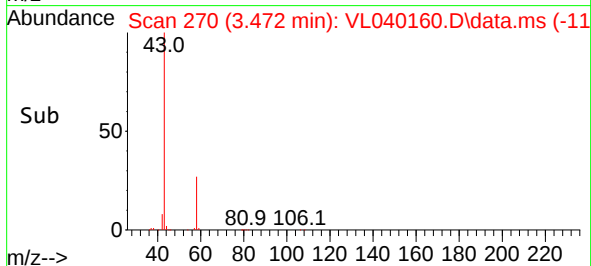
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



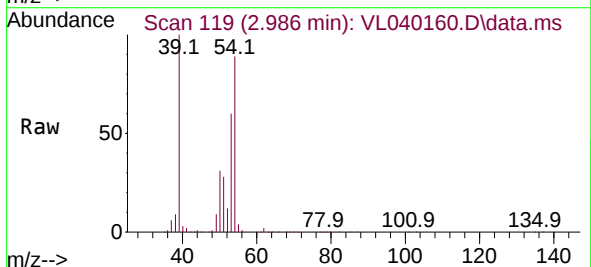
Tgt Ion: 43 Resp: 1025284
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.8

Manual Integrations
APPROVED

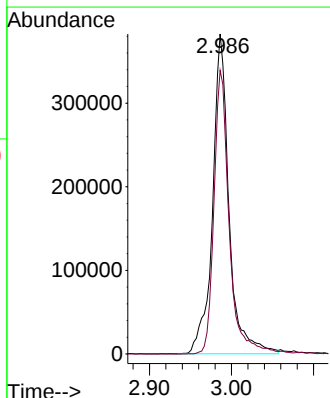
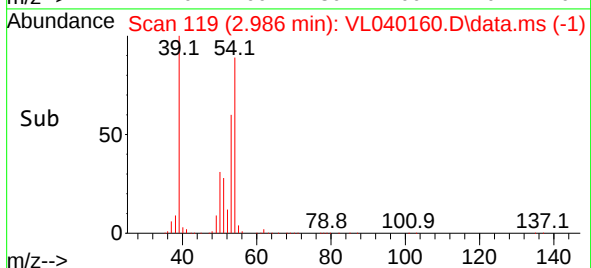
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

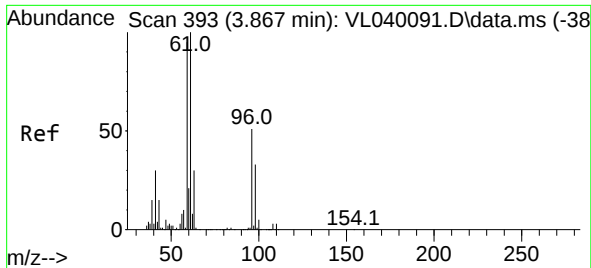


#16
1,3-Butadiene
Concen: 10.431 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



Tgt Ion: 39 Resp: 534230
Ion Ratio Lower Upper
39 100
54 82.5 67.9 101.9





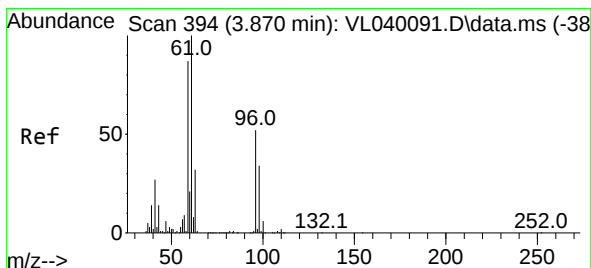
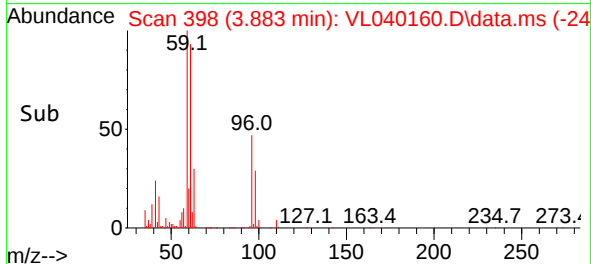
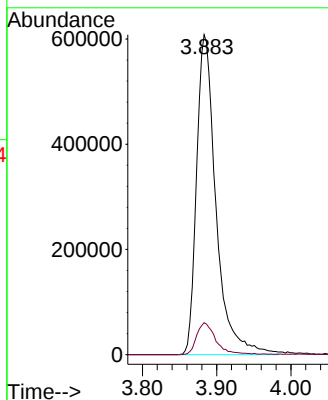
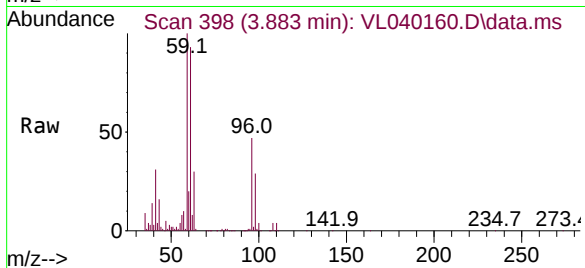
#17
tert-Butyl alcohol
Concen: 10.830 ppbv
RT: 3.883 min Scan# 393
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion: 59 Resp: 1107840
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

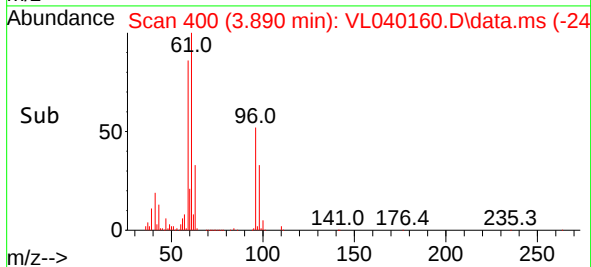
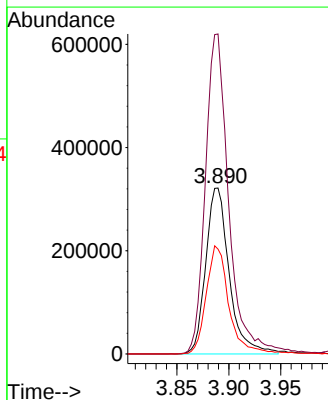
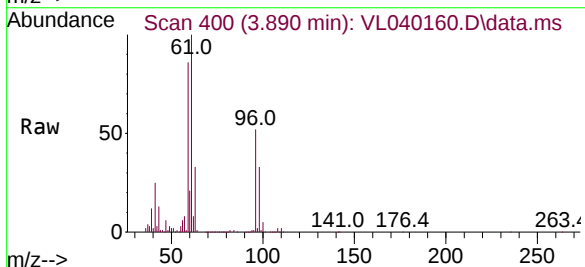
Manual Integrations
APPROVED

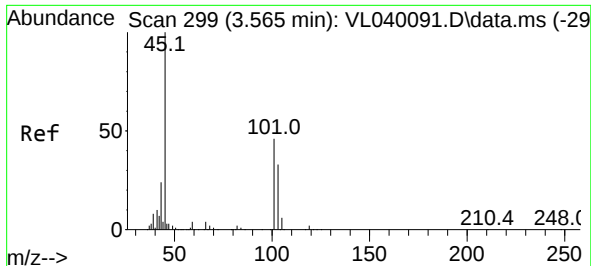
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#18
1,1-Dichloroethene
Concen: 9.663 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

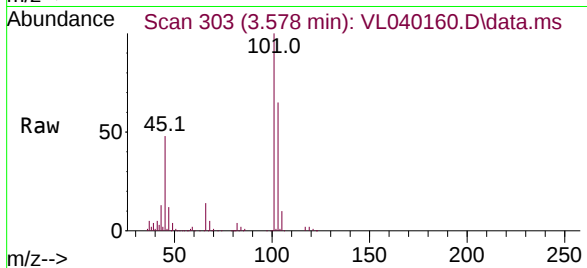
Tgt Ion: 96 Resp: 505884
Ion Ratio Lower Upper
96 100
61 192.7 153.0 229.4
98 63.2 52.7 79.1





#19
Isopropyl Alcohol
Concen: 9.477 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

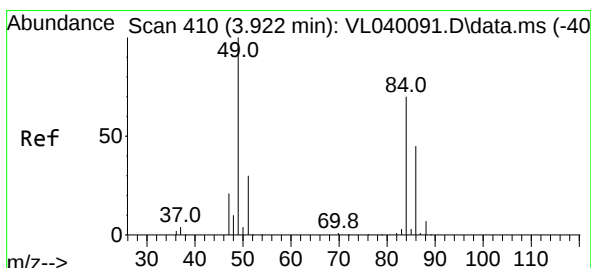
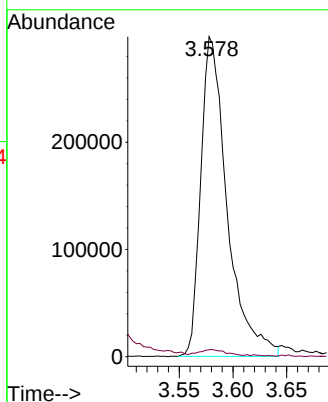
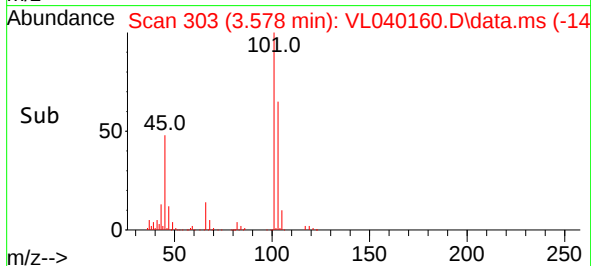
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



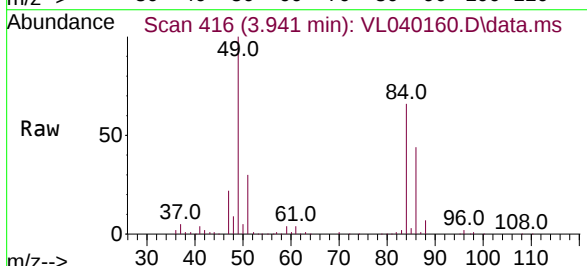
Tgt Ion: 45 Resp: 50935
Ion Ratio Lower Upper
45 100
58 3.0 2.6 4.0

Manual Integrations
APPROVED

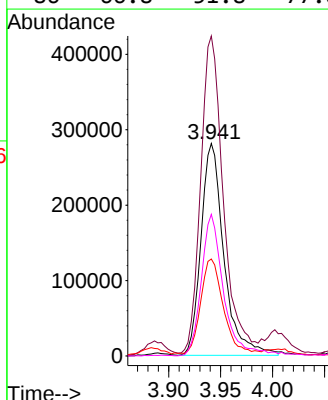
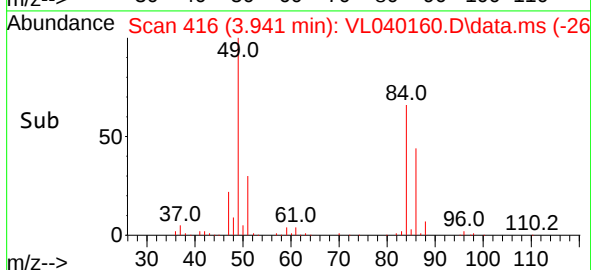
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

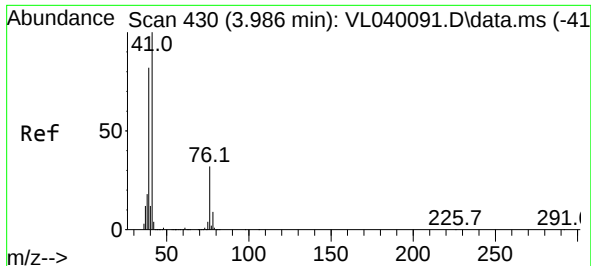


#20
Methylene Chloride
Concen: 8.911 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



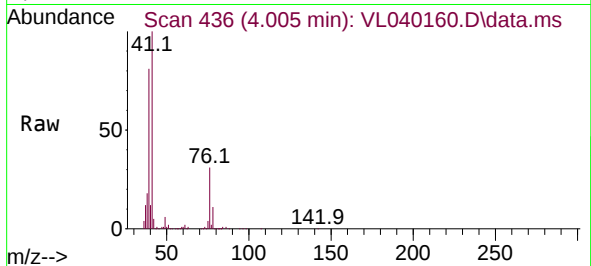
Tgt Ion: 84 Resp: 431884
Ion Ratio Lower Upper
84 100
49 149.7 114.6 171.8
51 44.6 34.3 51.5
86 66.8 51.8 77.8





#21
 Allyl Chloride
 Concen: 10.182 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

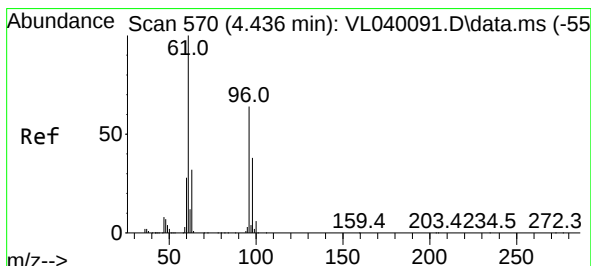
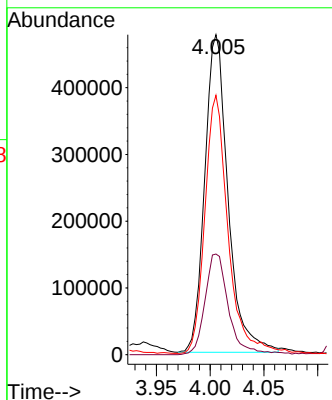
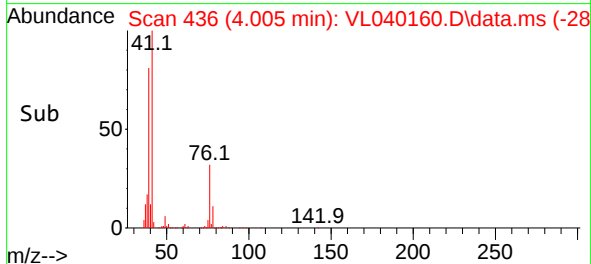
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01



Tgt Ion: 41 Resp: 718169
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.9 38.9
 39 81.4 66.8 100.2

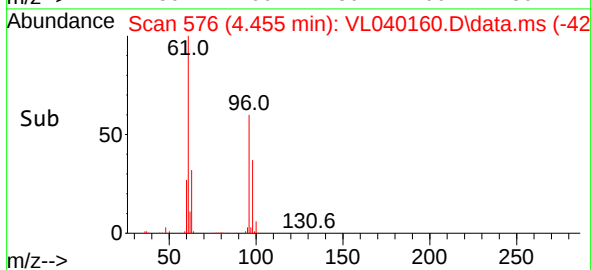
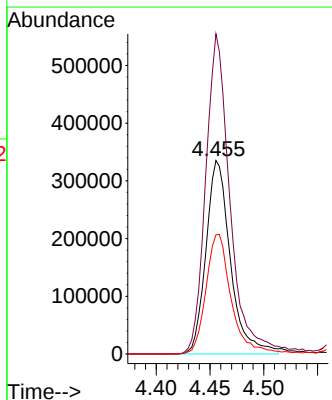
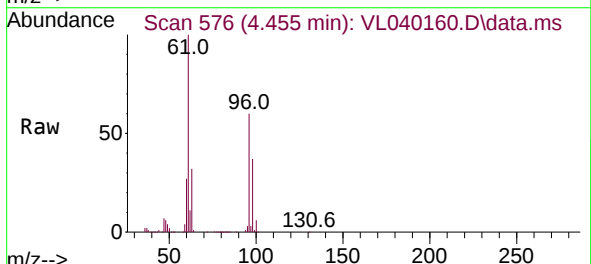
Manual Integrations
 APPROVED

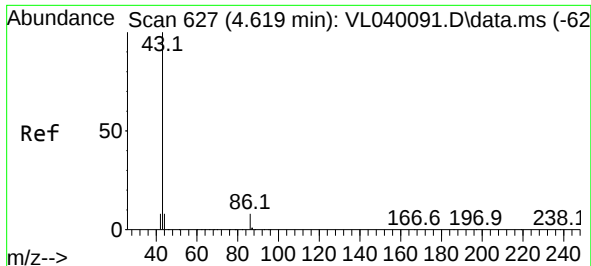
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.953 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion: 96 Resp: 532410
 Ion Ratio Lower Upper
 96 100
 61 165.3 125.8 188.8
 98 61.6 47.4 71.2





#23
 Vinyl Acetate
 Concen: 9.424 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

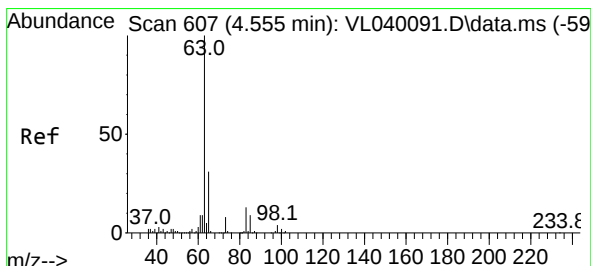
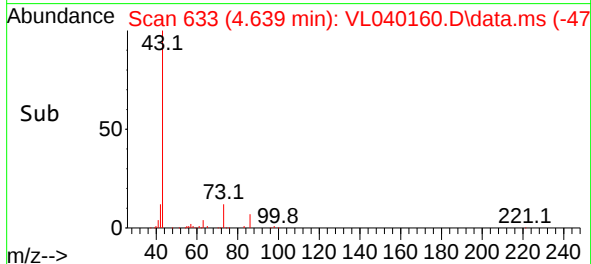
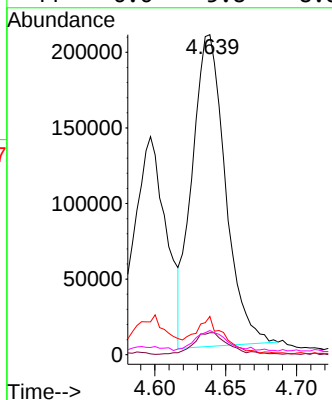
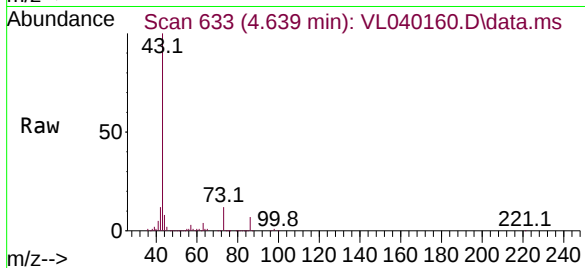
VL0213ABS01

Tgt Ion: 43 Resp: 335598
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 11.9 7.7 11.5
 44 6.6 5.8 8.8

Manual Integrations

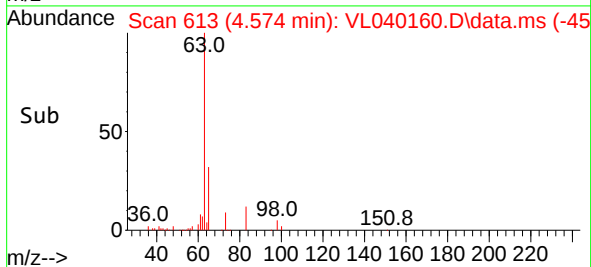
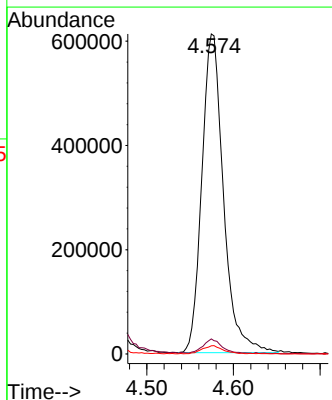
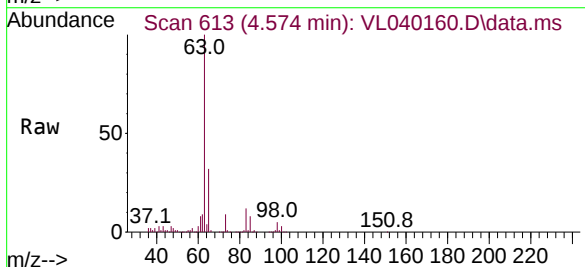
APPROVED

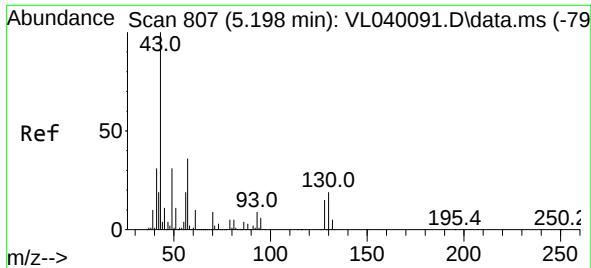
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 9.851 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

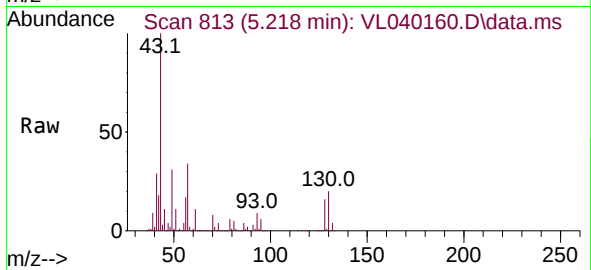
Tgt Ion: 63 Resp: 1062263
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.0 5.8
 100 2.5 1.1 3.5





#25
Ethyl Acetate
Concen: 10.667 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

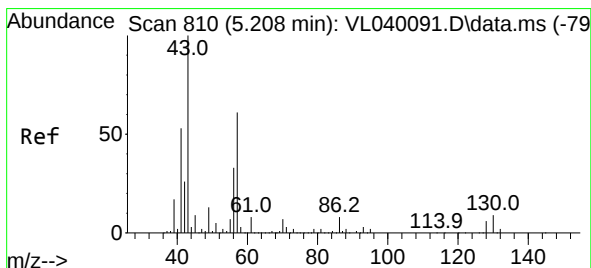
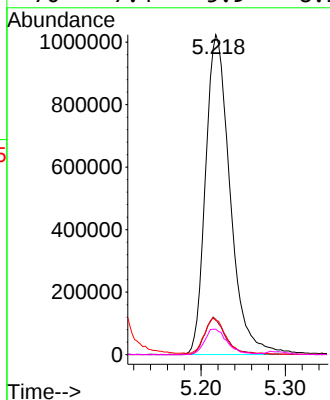
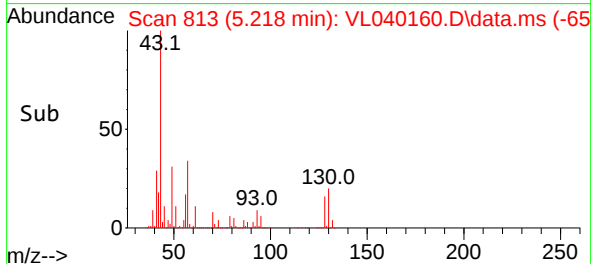


Tgt Ion: 43 Resp: 206426

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.5	12.7
61	10.6	8.4	12.6
70	7.4	5.9	8.9

Manual Integrations
APPROVED

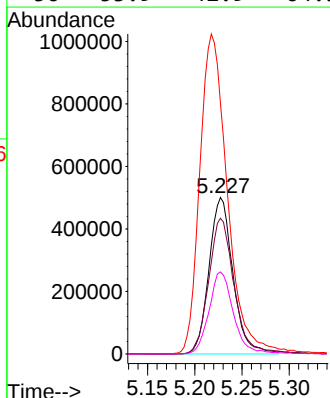
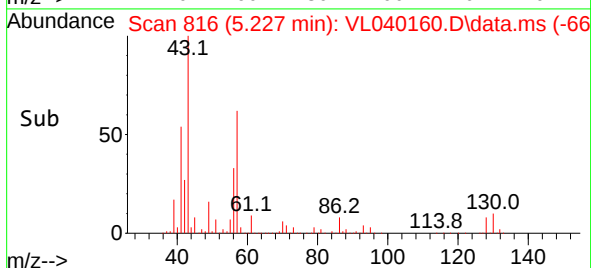
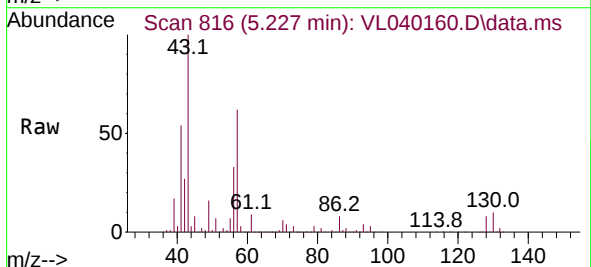
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

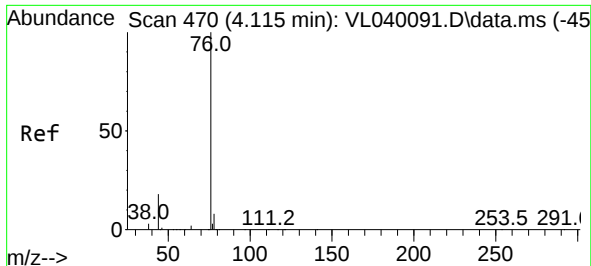


#26
Hexane
Concen: 10.406 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 57 Resp: 881339

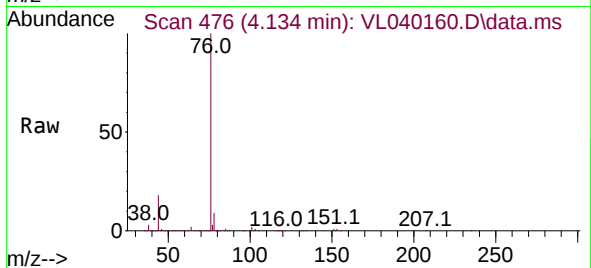
Ion	Ratio	Lower	Upper
57	100		
41	93.2	72.2	108.4
43	237.4	192.1	288.1
56	53.9	42.9	64.3





#27
Carbon Disulfide
Concen: 11.198 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

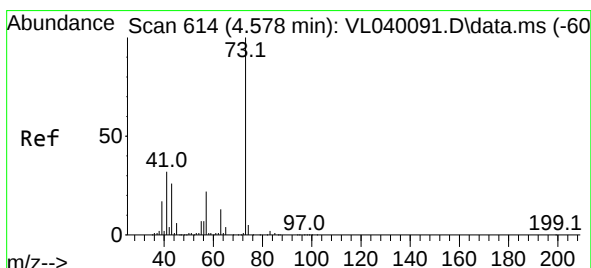
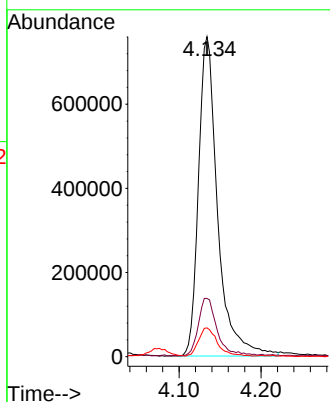
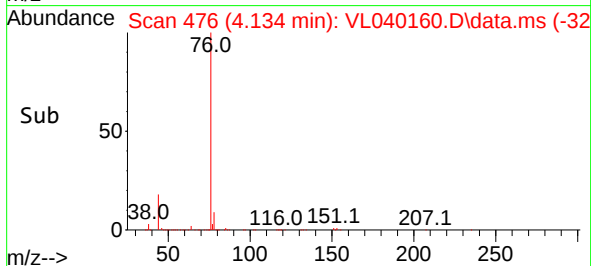
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 76 Resp: 1228700
Ion Ratio Lower Upper
76 100
44 18.1 14.9 22.3
78 9.7 8.2 12.2

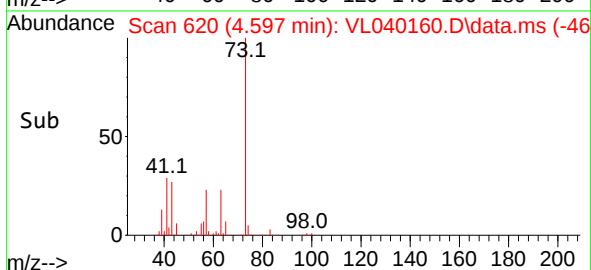
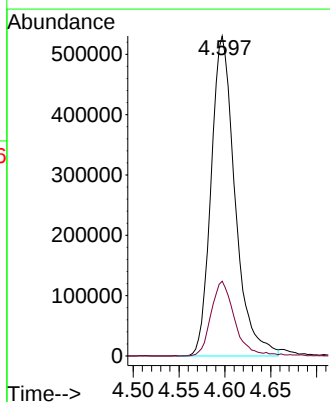
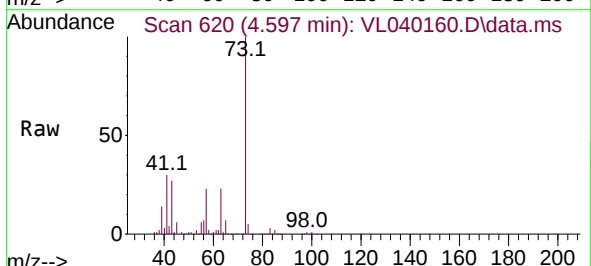
Manual Integrations
APPROVED

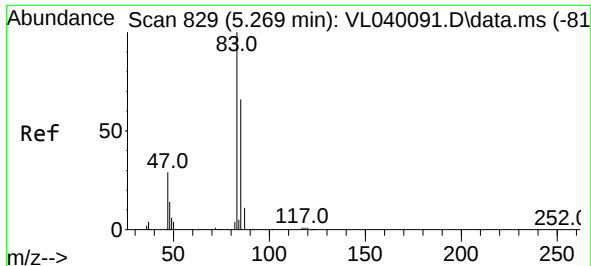
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#28
Methyl tert-Butyl Ether
Concen: 10.108 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

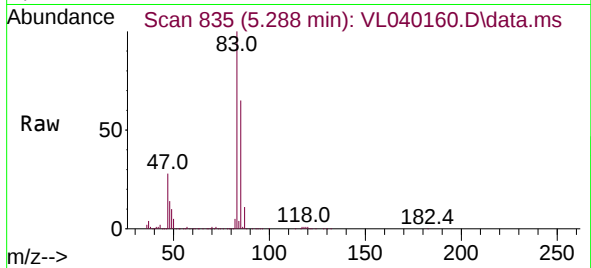
Tgt Ion: 73 Resp: 963051
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5





#29
Chloroform
Concen: 11.118 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

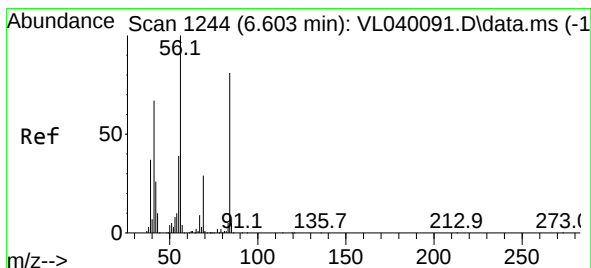
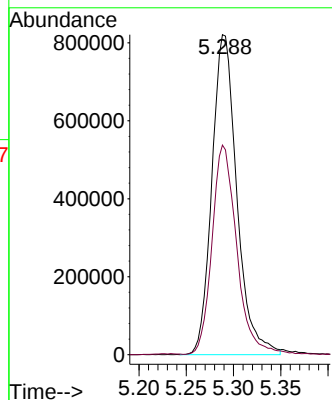
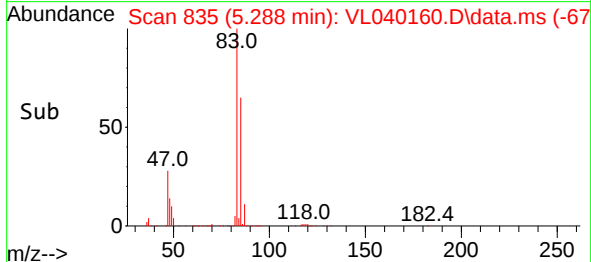
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



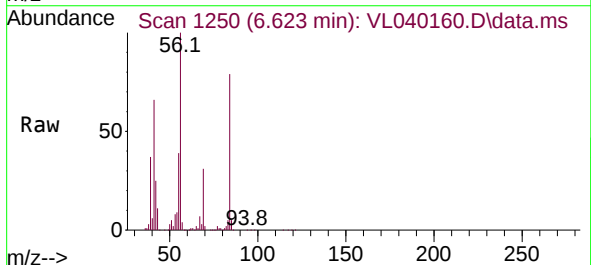
Tgt Ion: 83 Resp: 150550
Ion Ratio Lower Upper
83 100
85 65.3 53.1 79.7

Manual Integrations
APPROVED

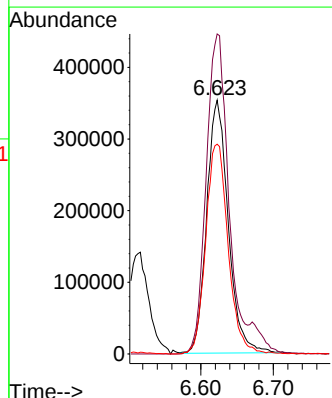
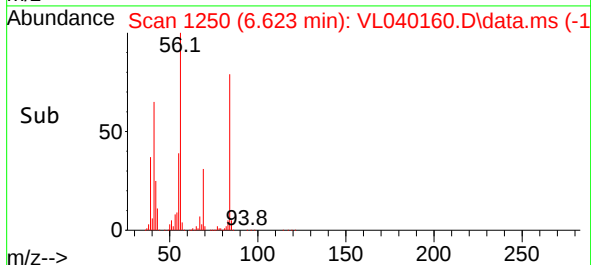
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

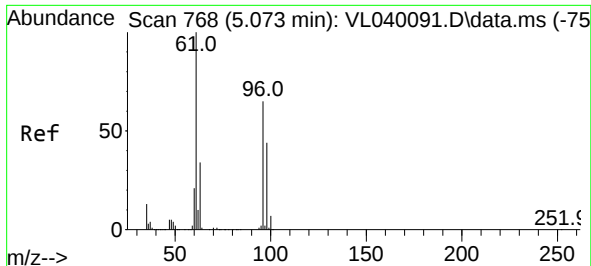


#30
Cyclohexane
Concen: 10.844 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



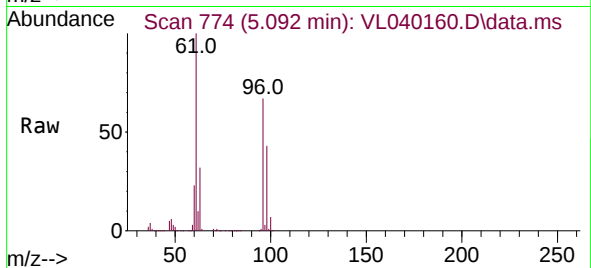
Tgt Ion: 84 Resp: 730127
Ion Ratio Lower Upper
84 100
56 137.7 111.5 167.3
41 86.4 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 11.017 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

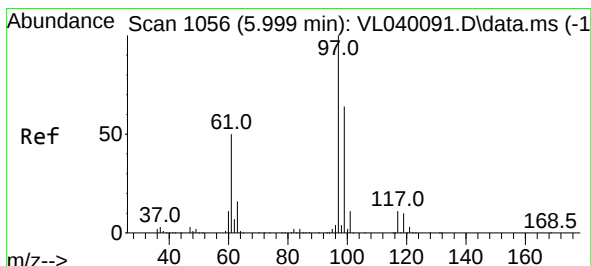
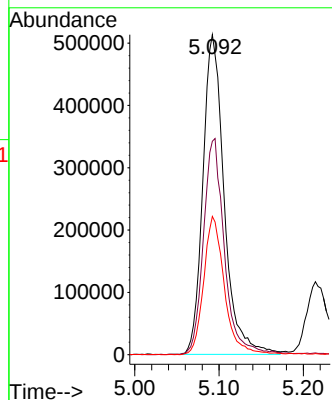
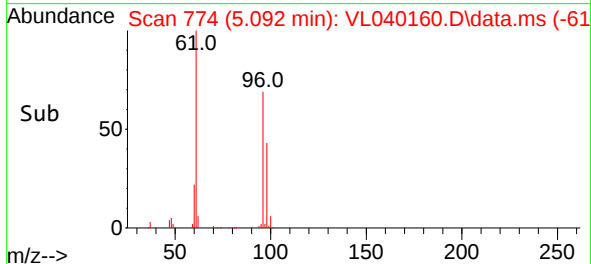
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01



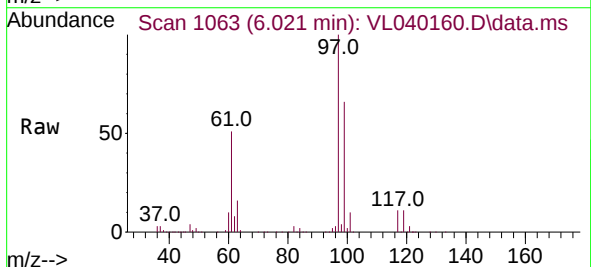
Tgt Ion: 61 Resp: 90332
 Ion Ratio Lower Upper
 61 100
 96 66.7 52.0 78.0
 98 43.2 35.3 52.9

Manual Integrations
 APPROVED

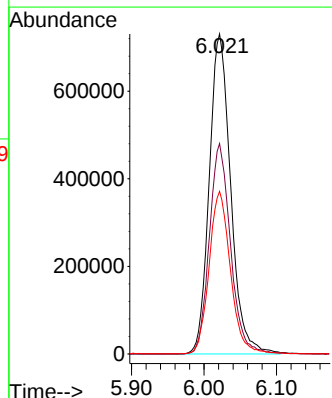
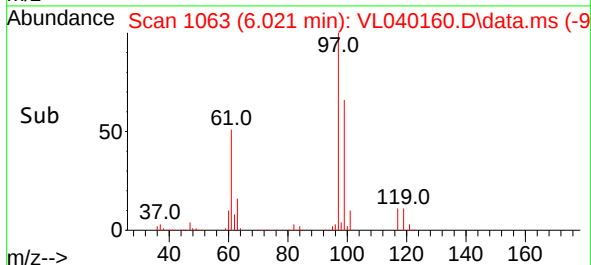
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

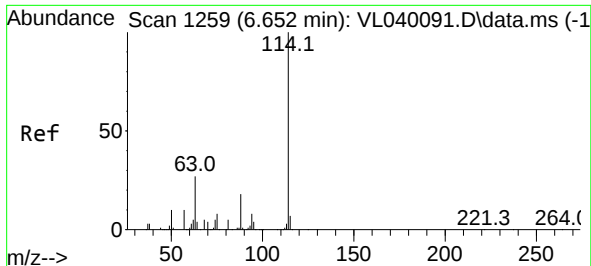


#32
 1,1,1-Trichloroethane
 Concen: 10.910 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33



Tgt Ion: 97 Resp: 1501541
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.8 77.6
 61 50.6 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion:114 Resp: 2324590

Ion Ratio Lower Upper

114 100

63 26.0 21.8 32.8

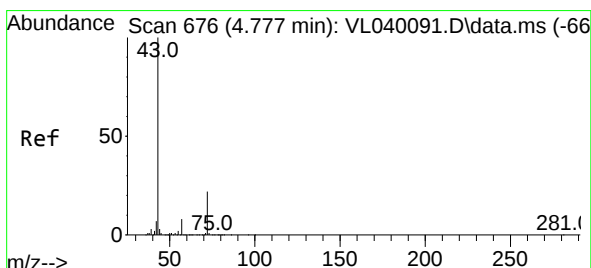
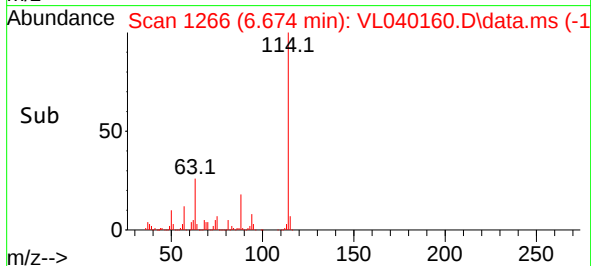
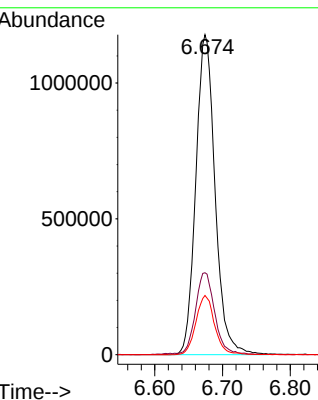
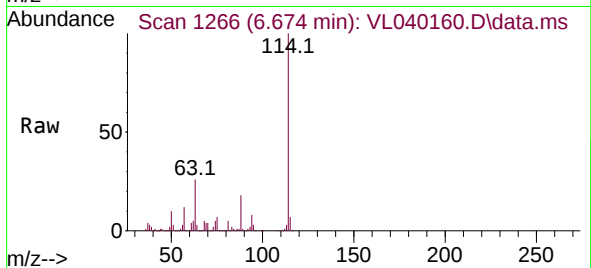
88 18.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

2-Butanone

Concen: 10.457 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL040160.D

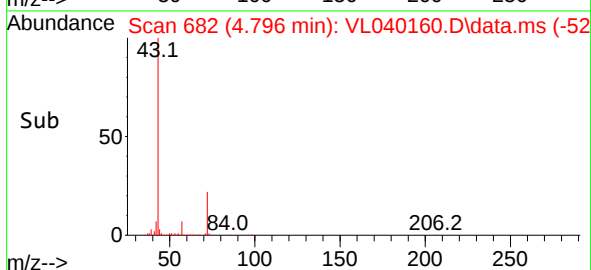
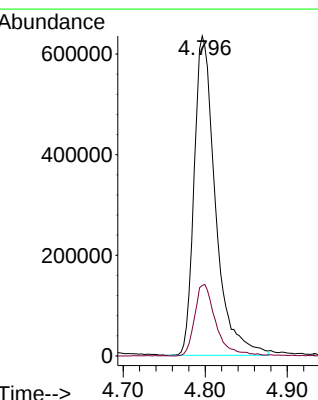
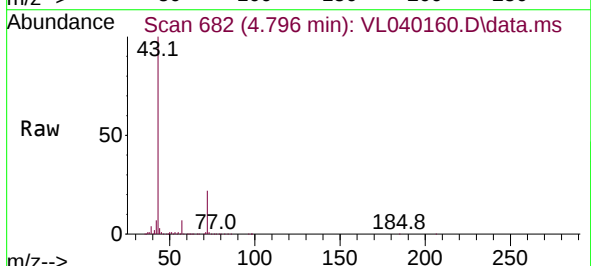
Acq: 13 Feb 2023 14:33

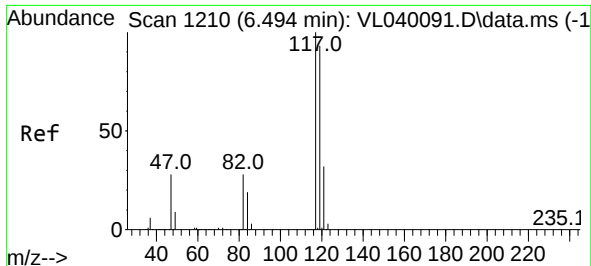
Tgt Ion: 43 Resp: 1149803

Ion Ratio Lower Upper

43 100

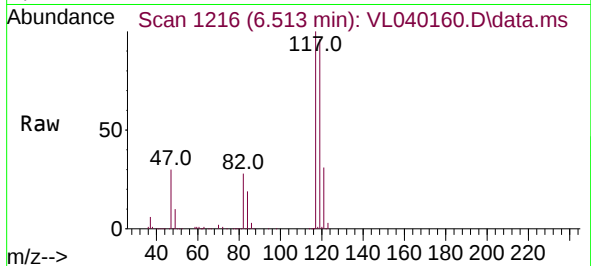
72 22.5 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.845 ppbv
RT: 6.513 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

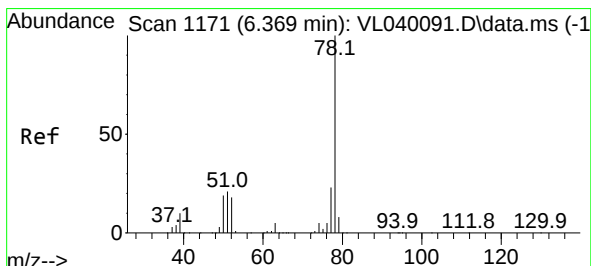
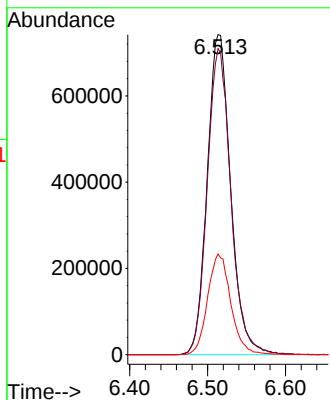
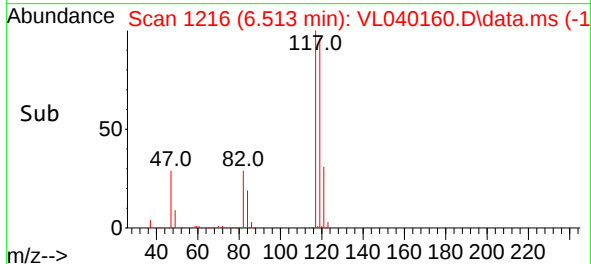
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 117 Resp: 155684
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 31.5 25.4 38.0

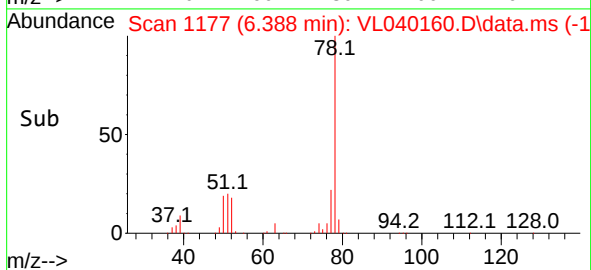
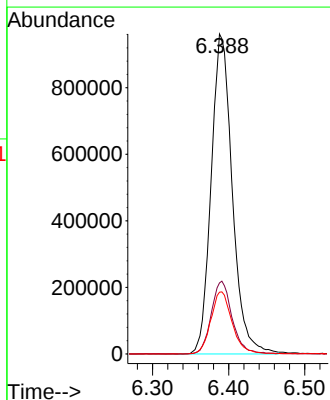
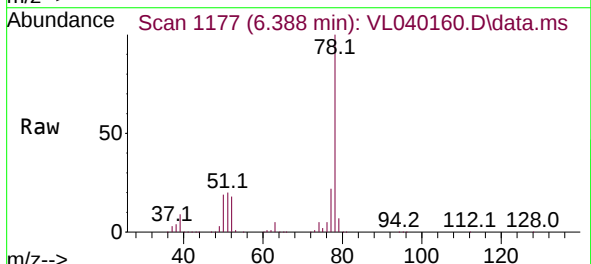
Manual Integrations
APPROVED

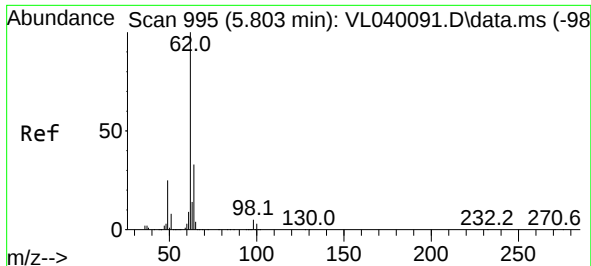
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#36
Benzene
Concen: 10.786 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 78 Resp: 1855474
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1
50 19.3 15.6 23.4





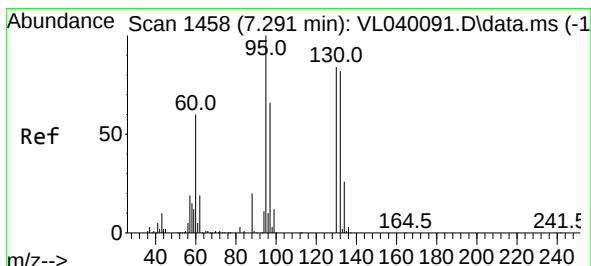
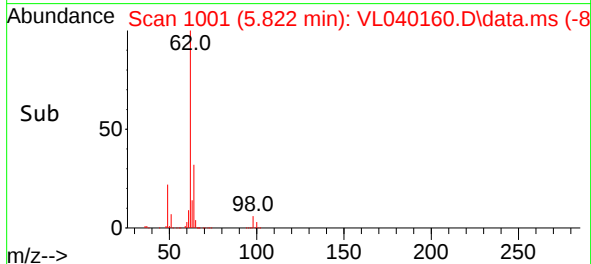
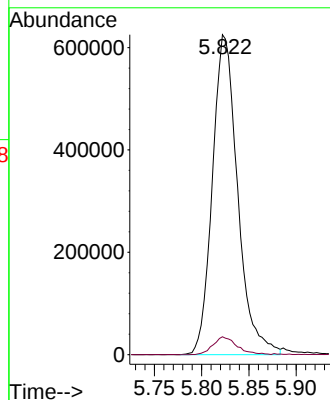
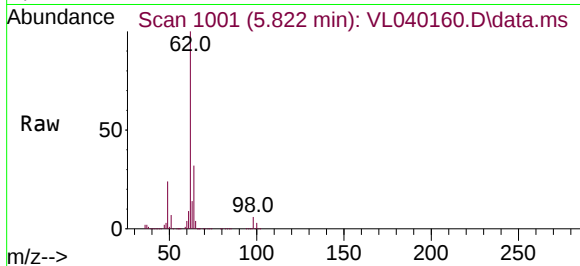
#37
1,2-Dichloroethane
Concen: 10.517 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion: 62 Resp: 1162884
Ion Ratio Lower Upper
62 100
98 5.4 4.4 6.6

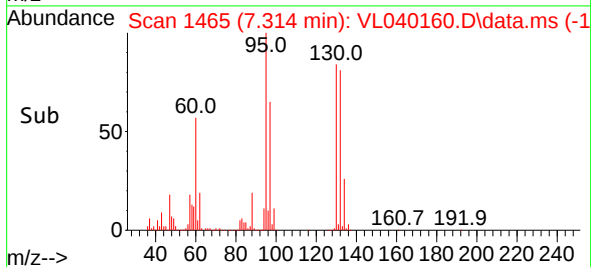
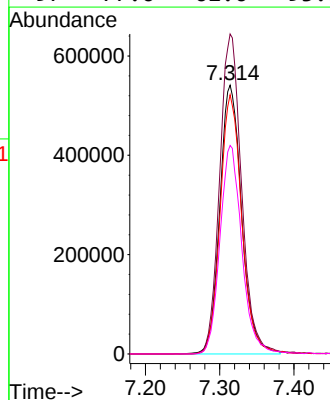
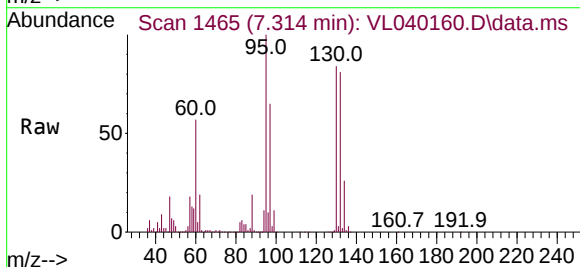
Manual Integrations
APPROVED

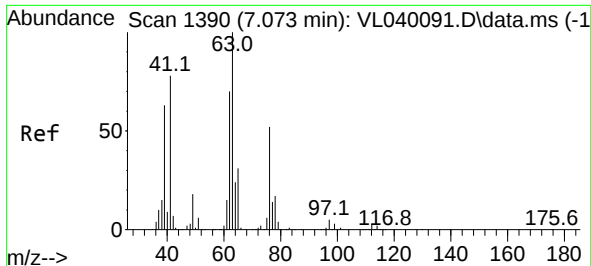
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Trichloroethene
Concen: 11.346 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion:130 Resp: 1107694
Ion Ratio Lower Upper
130 100
95 119.1 95.0 142.6
132 96.5 77.9 116.9
97 77.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.581 ppbv

RT: 7.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion: 63 Resp: 711958

Ion Ratio Lower Upper

63 100

41 78.3 62.2 93.4

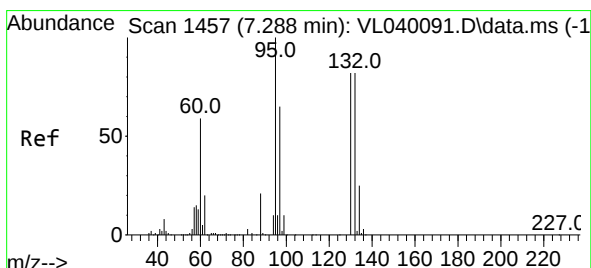
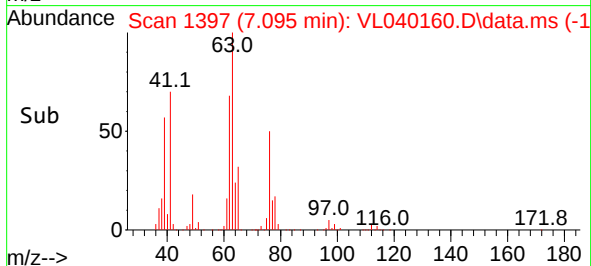
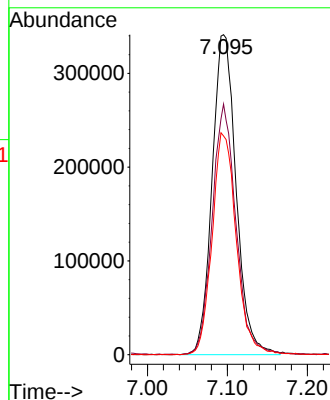
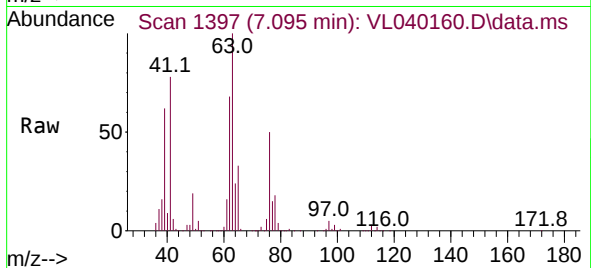
62 68.3 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

1,4-Dioxane

Concen: 10.147 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion: 88 Resp: 270954

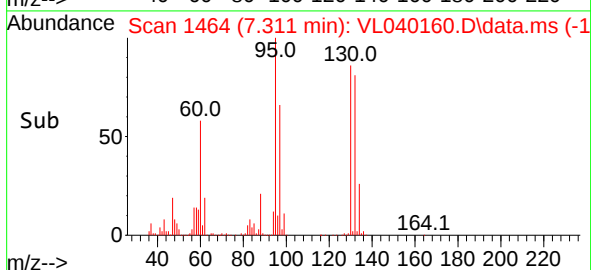
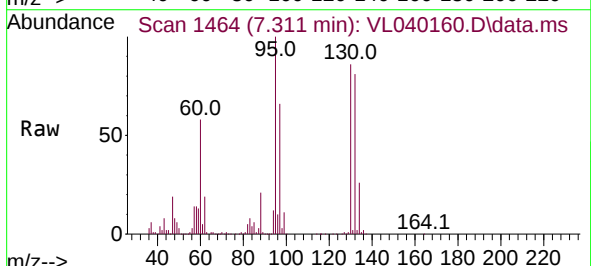
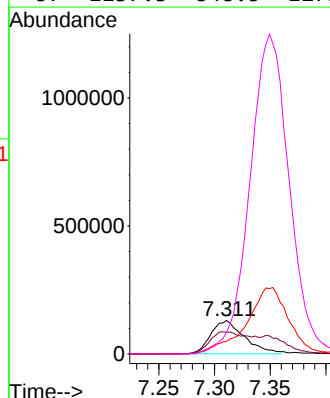
Ion Ratio Lower Upper

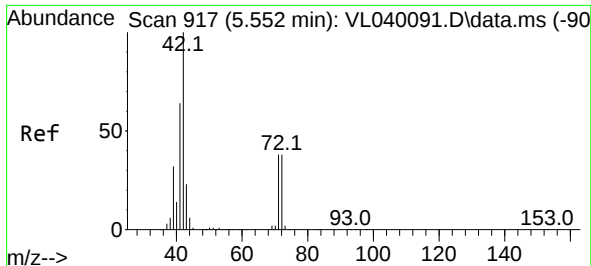
88 100

58 125.7 97.5 146.3

43 254.3 195.0 292.4

57 1137.3 848.5 1272.7





#41

Tetrahydrofuran

Concen: 11.128 ppbv

RT: 5.574 min Scan# 917

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

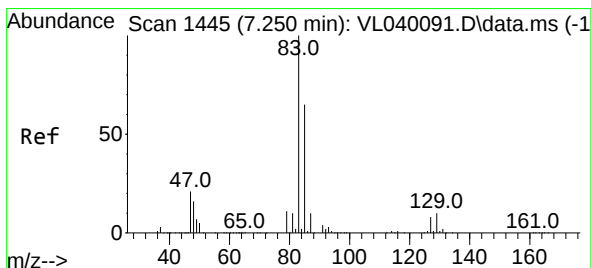
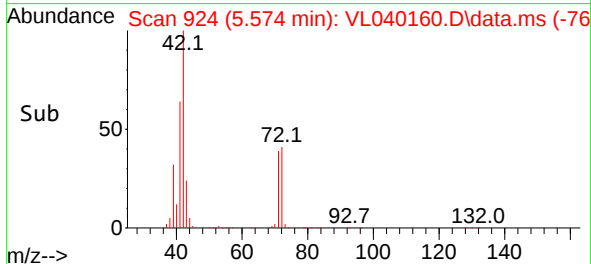
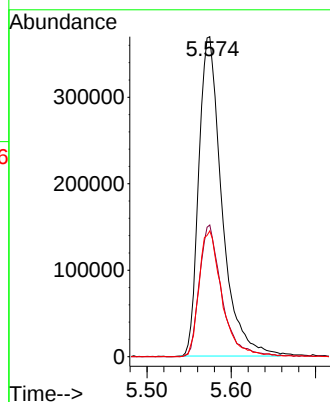
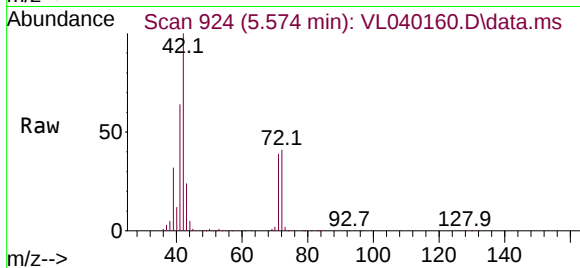
Tgt Ion: 42 Resp: 706229

Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.9	47.9
71	39.3	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42

Bromodichloromethane

Concen: 11.006 ppbv

RT: 7.272 min Scan# 1452

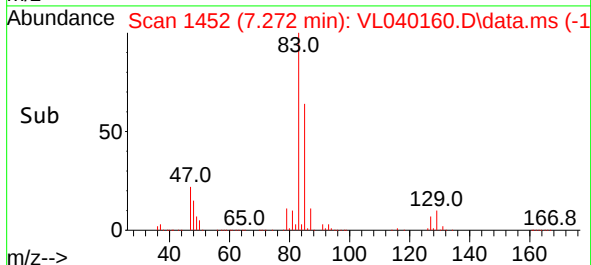
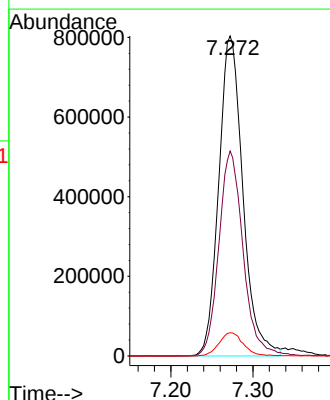
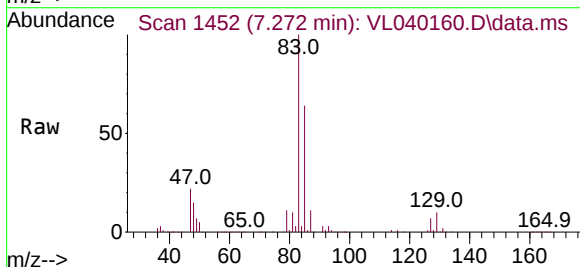
Delta R.T. 0.000 min

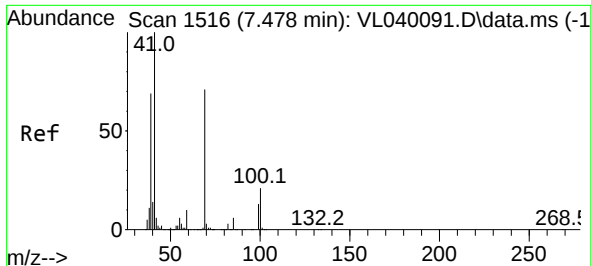
Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion: 83 Resp: 1643307

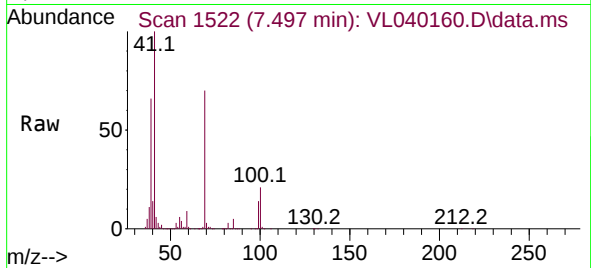
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.7	77.5
127	7.2	6.2	9.2





#43
Methyl Methacrylate
Concen: 11.654 ppbv
RT: 7.497 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

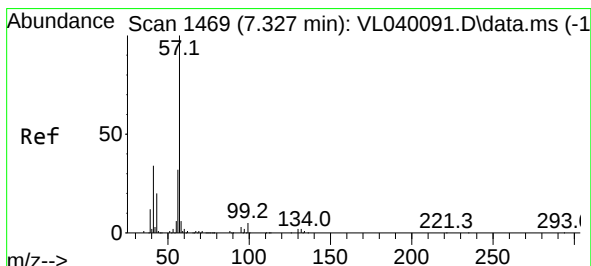
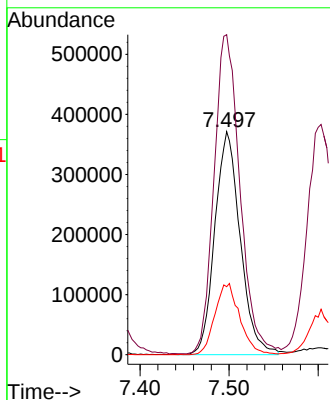
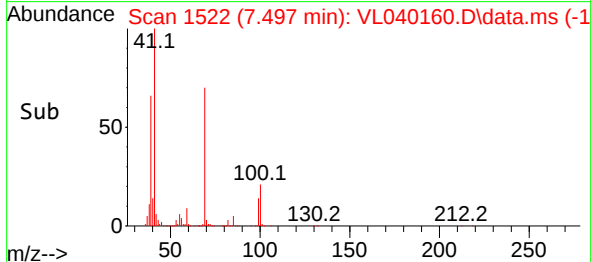
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



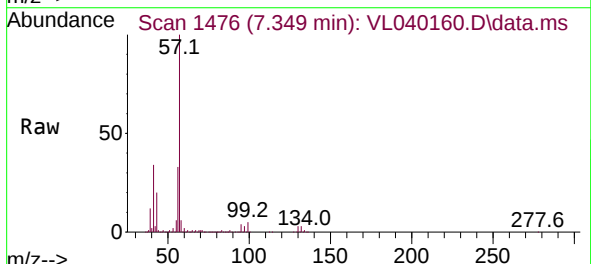
Tgt Ion: 69 Resp: 735670
Ion Ratio Lower Upper
69 100
41 146.5 118.2 177.2
100 31.4 24.2 36.4

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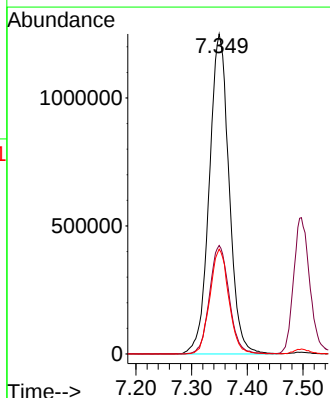
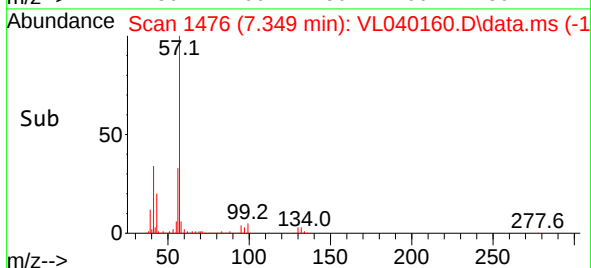
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

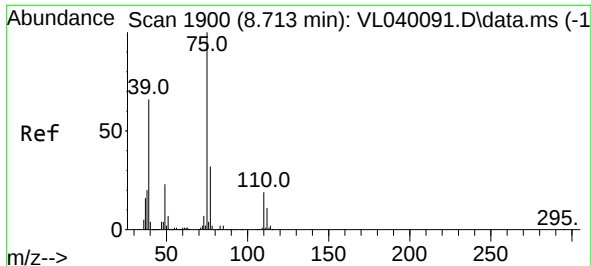


#44
2,2,4-Trimethylpentane
Concen: 10.761 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



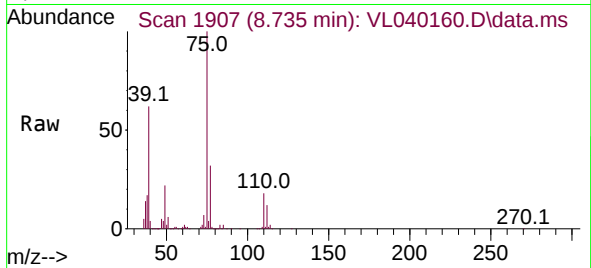
Tgt Ion: 57 Resp: 3078396
Ion Ratio Lower Upper
57 100
41 33.6 27.1 40.7
56 31.5 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 12.505 ppbv
RT: 8.735 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

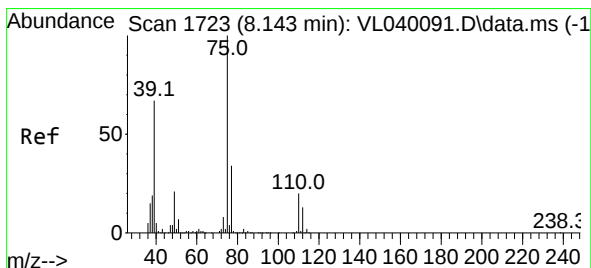
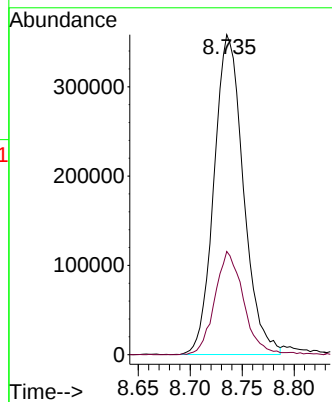
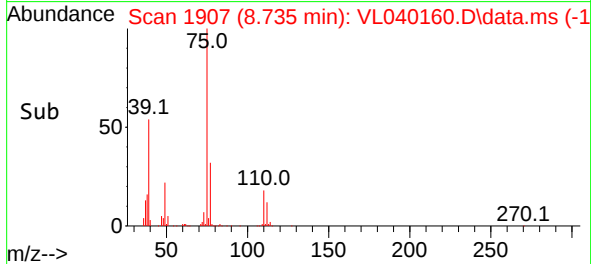
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 75 Resp: 703954
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

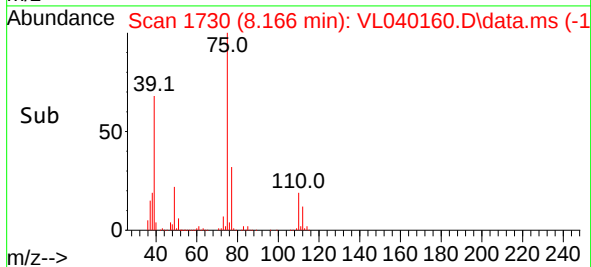
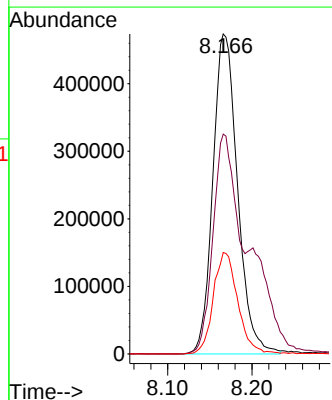
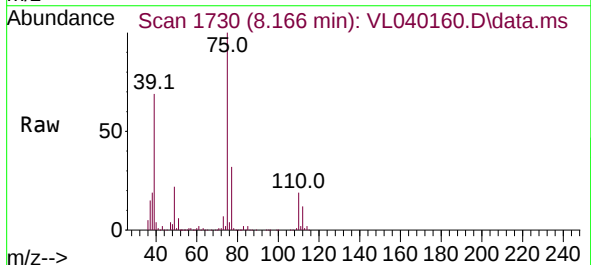
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APPROVED

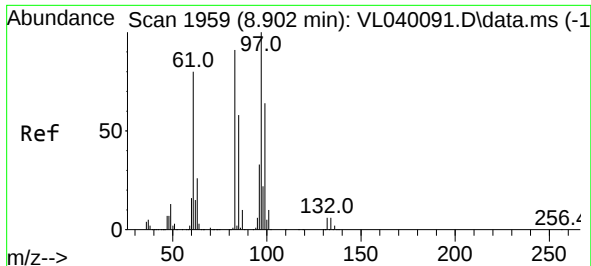
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#46
cis-1,3-Dichloropropene
Concen: 12.505 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 75 Resp: 961913
Ion Ratio Lower Upper
75 100
39 68.7 53.6 80.4
77 31.7 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.489 ppbv

RT: 8.925 min Scan# 1959

Delta R.T. 0.003 min

Lab File: VL040160.D

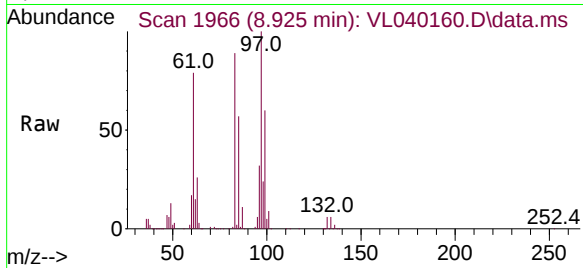
Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01



Tgt Ion: 97 Resp: 74310

Ion Ratio Lower Upper

97 100

83 88.8 72.9 109.3

85 57.4 46.0 69.0

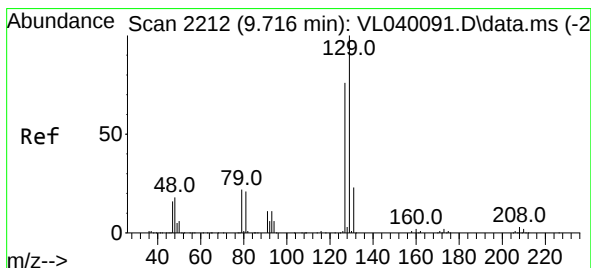
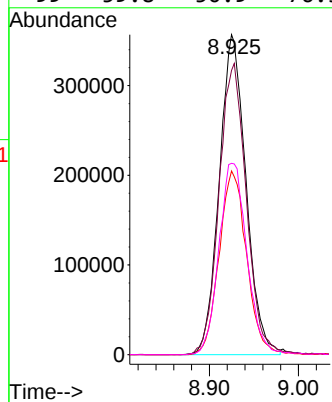
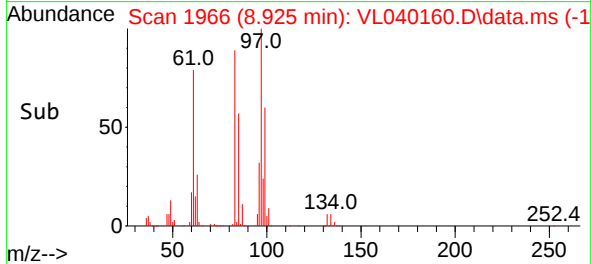
99 59.8 50.9 76.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#48

Dibromochloromethane

Concen: 11.210 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VL040160.D

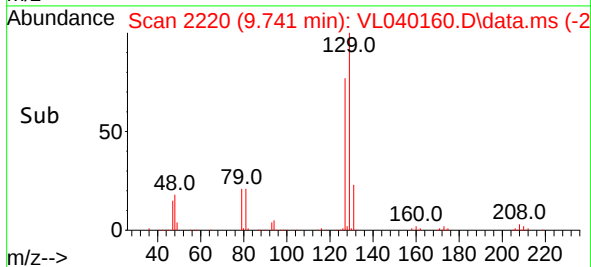
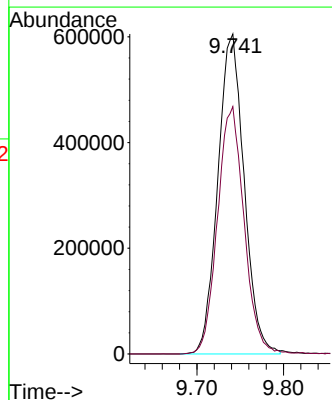
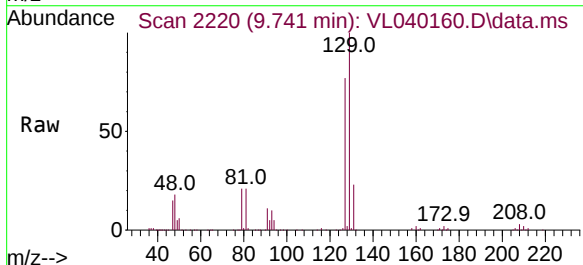
Acq: 13 Feb 2023 14:33

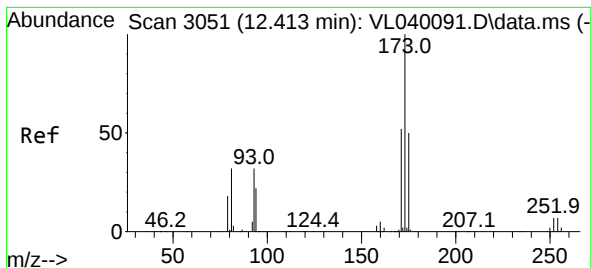
Tgt Ion:129 Resp: 1276414

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9





#49

Bromoform

Concen: 10.990 ppbv

RT: 12.442 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

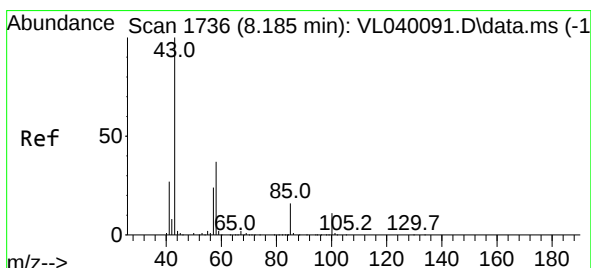
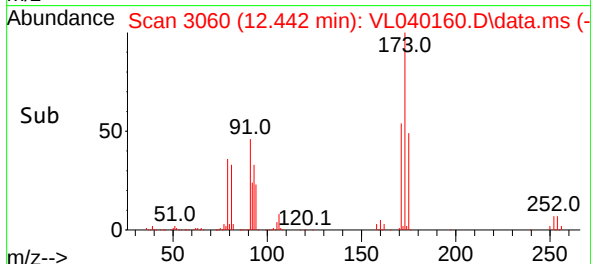
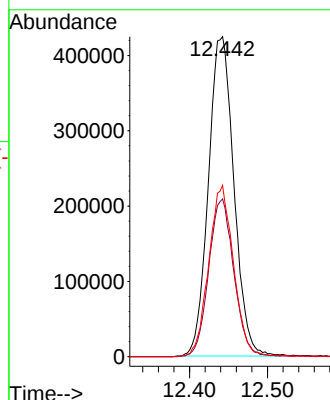
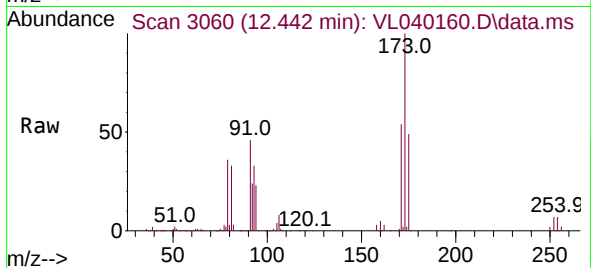
VL0213ABS01

Tgt Ion:173 Resp: 963985
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.7 59.5
 171 52.3 42.2 63.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#50

4-Methyl-2-Pentanone

Concen: 10.915 ppbv

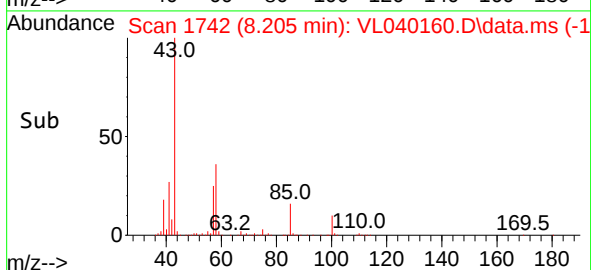
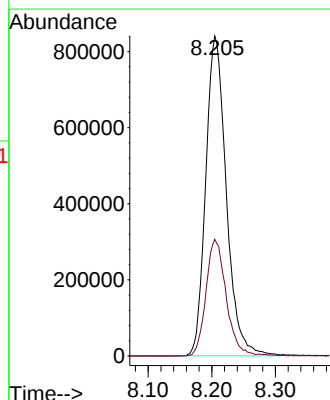
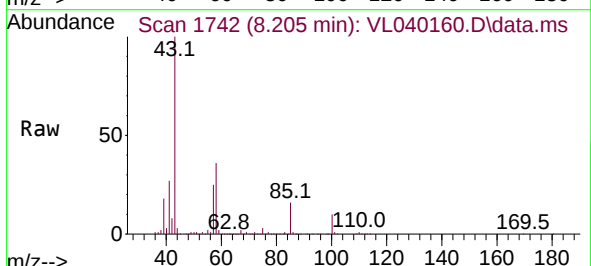
RT: 8.205 min Scan# 1742

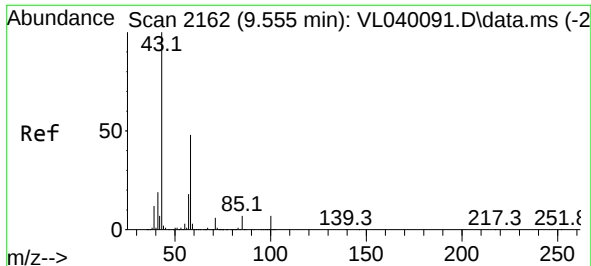
Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

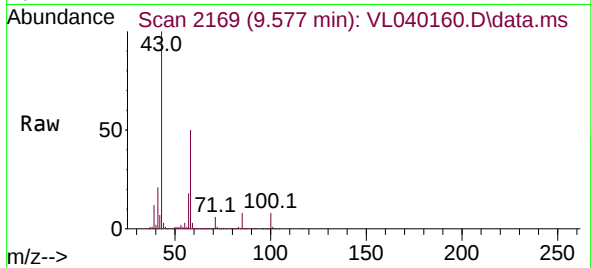
Tgt Ion: 43 Resp: 1887742
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.8 43.2





#51
2-Hexanone
Concen: 11.090 ppbv
RT: 9.577 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

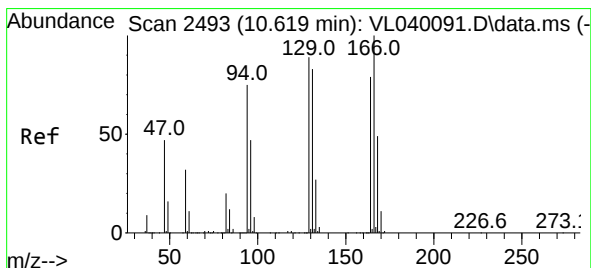
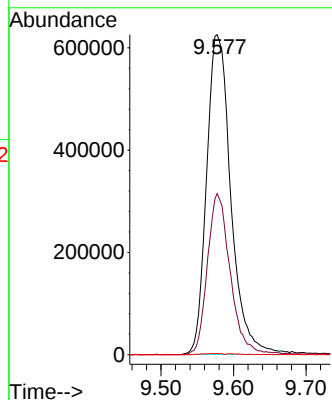
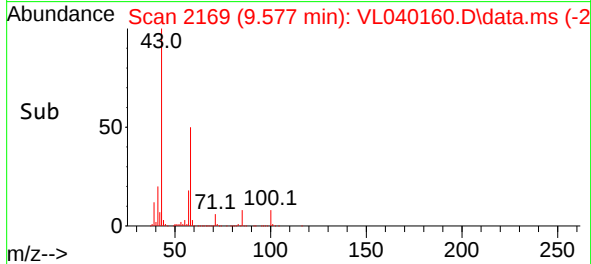
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



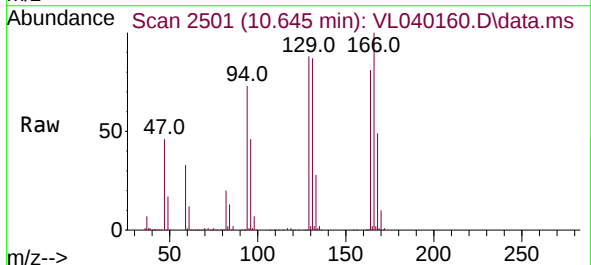
Tgt Ion: 43 Resp: 1453169
Ion Ratio Lower Upper
43 100
58 47.8 37.5 56.3
98 0.5 0.4 0.6

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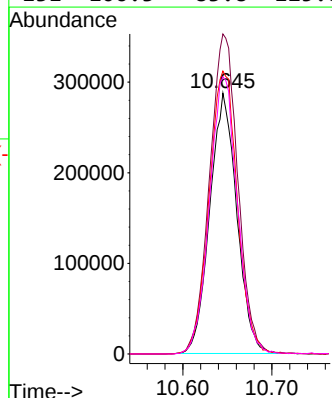
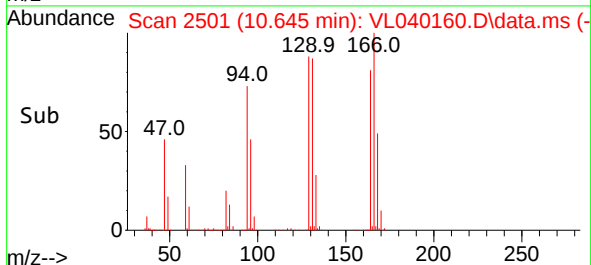
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

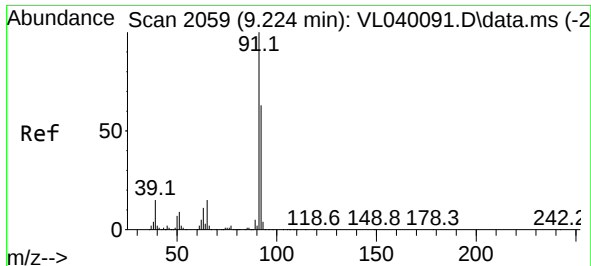


#52
Tetrachloroethene
Concen: 10.724 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



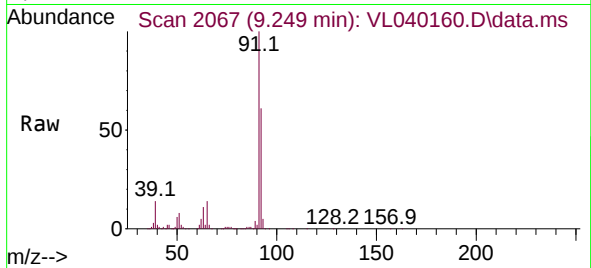
Tgt Ion:164 Resp: 603531
Ion Ratio Lower Upper
164 100
166 122.5 101.2 151.8
129 108.3 90.2 135.2
131 106.3 83.8 125.8





#53
Toluene
Concen: 11.333 ppbv
RT: 9.249 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

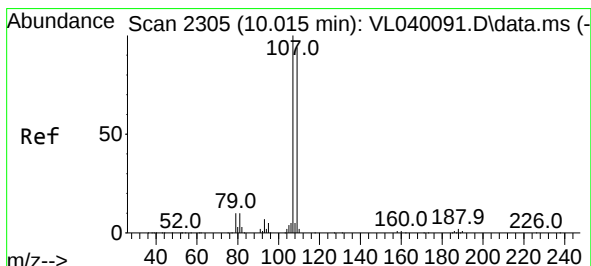
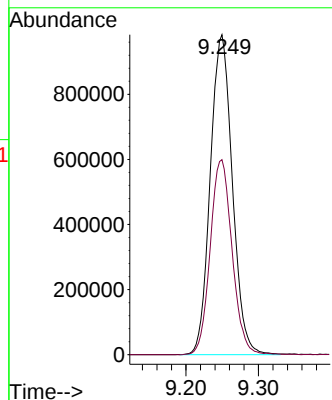
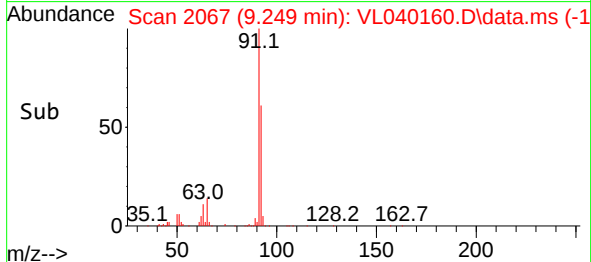
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



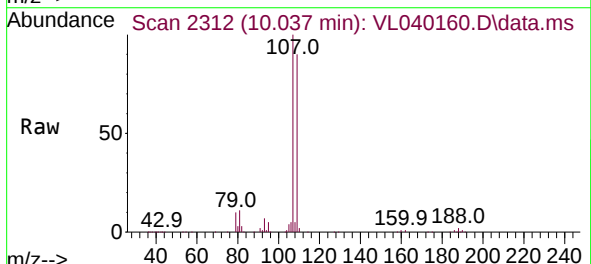
Tgt Ion: 91 Resp: 207941
Ion Ratio Lower Upper
91 100
92 60.5 48.3 72.5

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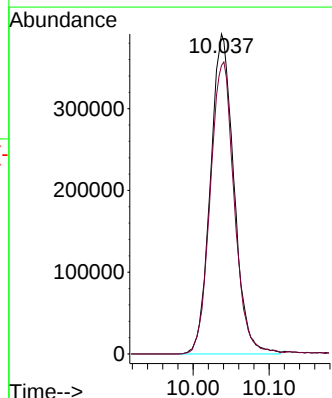
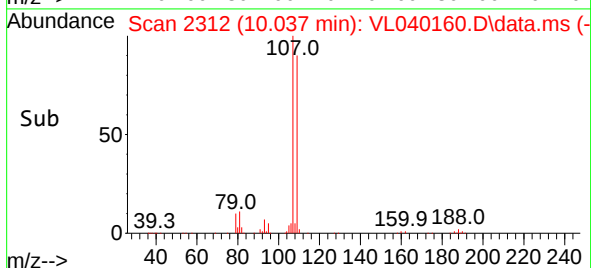
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

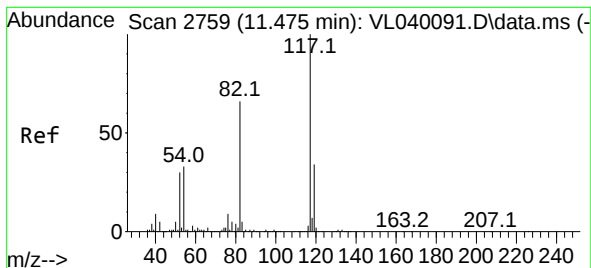


#54
1,2-Dibromoethane
Concen: 11.321 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



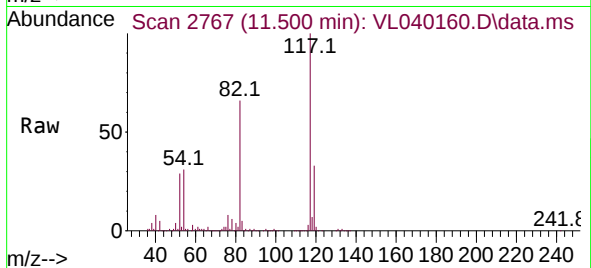
Tgt Ion:107 Resp: 839675
Ion Ratio Lower Upper
107 100
109 90.1 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 2759
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

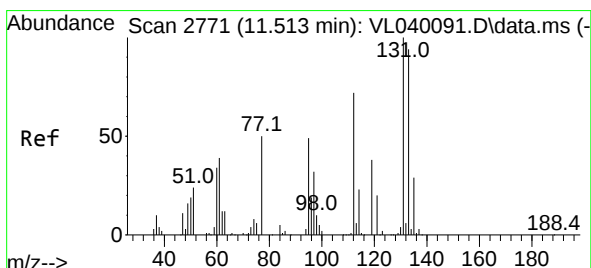
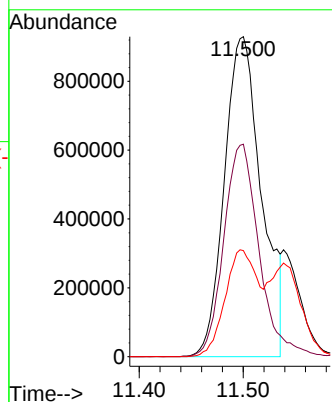
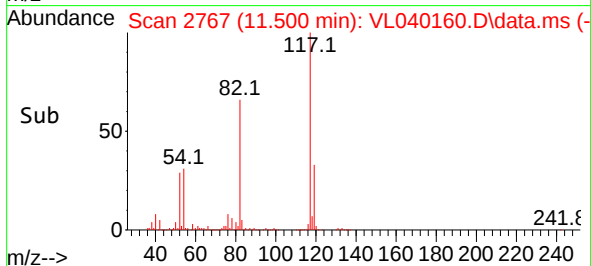
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



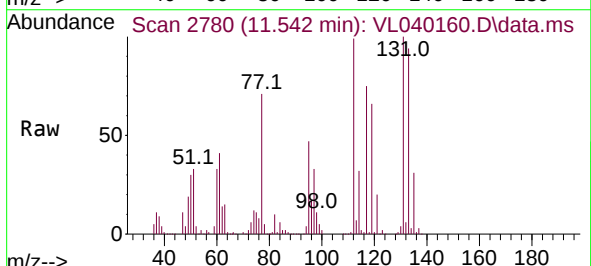
Tgt Ion:117 Resp: 230557
Ion Ratio Lower Upper
117 100
82 63.3 54.4 81.6
119 31.4 26.8 40.2

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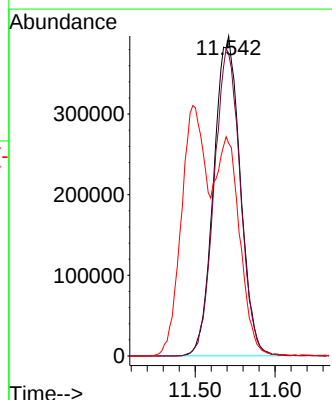
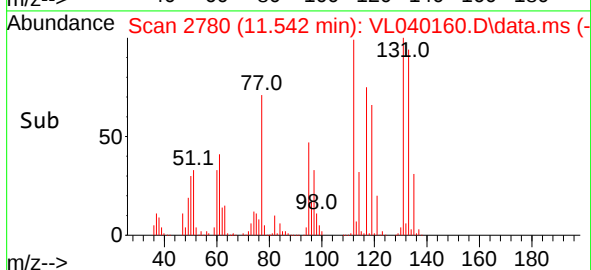
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

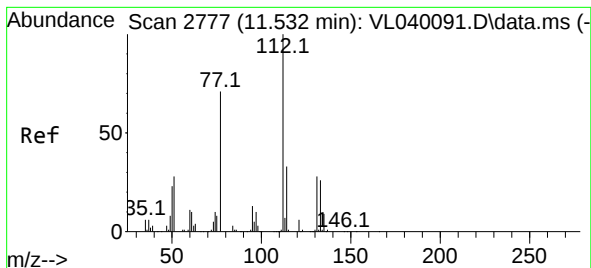


#56
1,1,1,2-Tetrachloroethane
Concen: 10.157 ppbv
RT: 11.542 min Scan# 2780
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



Tgt Ion:131 Resp: 911380
Ion Ratio Lower Upper
131 100
133 95.3 75.6 113.4
119 59.3 47.2 70.8





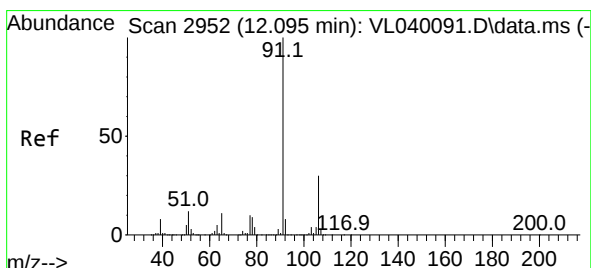
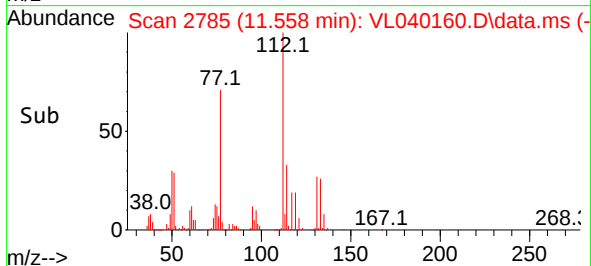
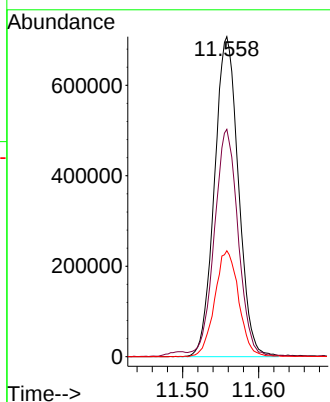
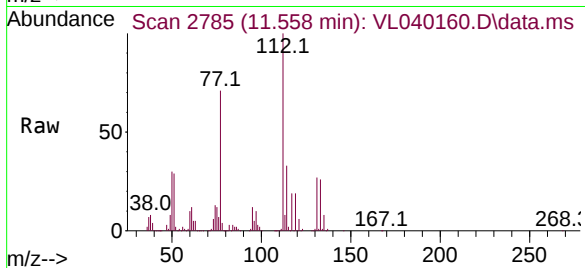
#57
Chlorobenzene
Concen: 9.860 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion:112 Resp: 154955
Ion Ratio Lower Upper
112 100
77 70.6 57.3 85.9
114 33.1 29.6 36.2

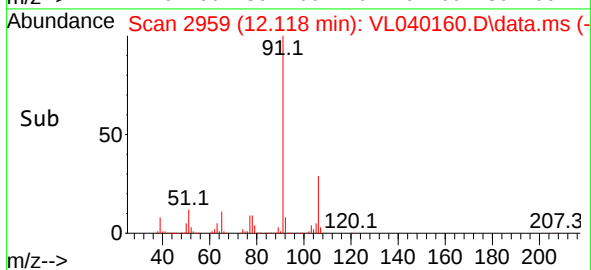
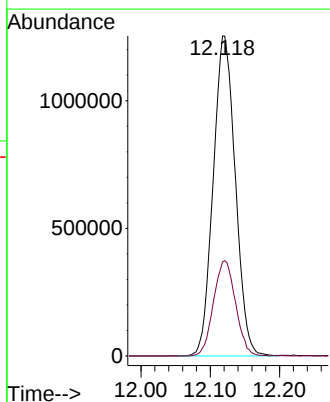
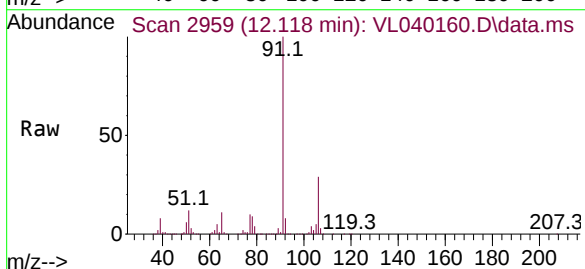
Manual Integrations
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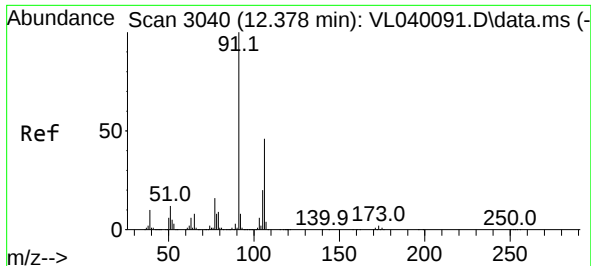
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#58
Ethyl Benzene
Concen: 10.817 ppbv
RT: 12.118 min Scan# 2959
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 91 Resp: 2783231
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5





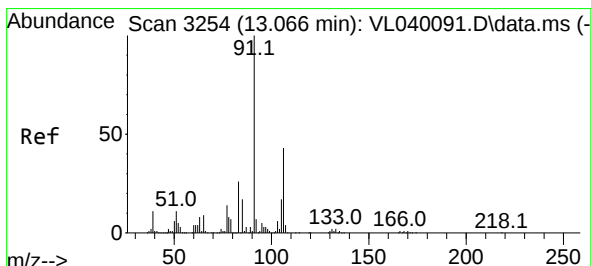
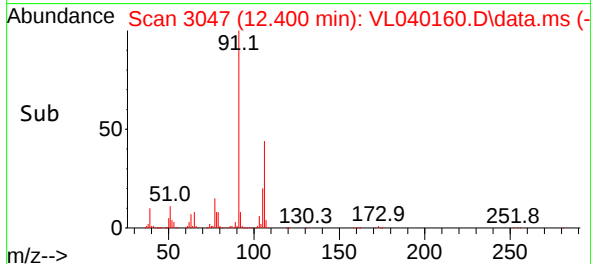
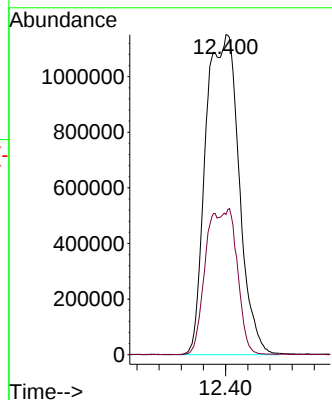
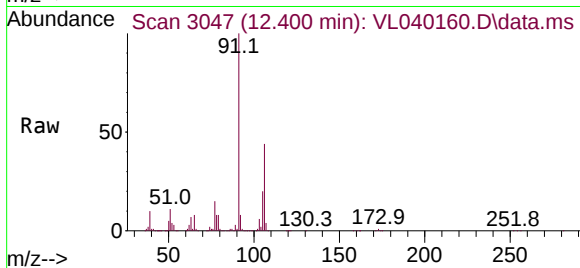
#59
m/p-Xylene
Concen: 20.716 ppbv m
RT: 12.400 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion: 91 Resp: 4792448
Ion Ratio Lower Upper
91 100
106 42.9 34.2 51.4

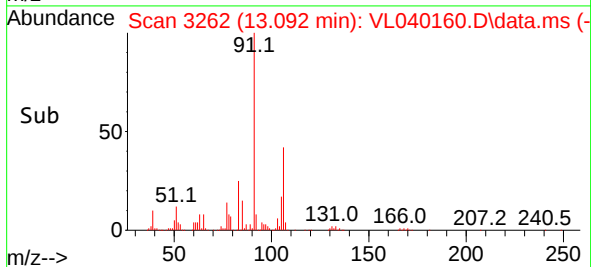
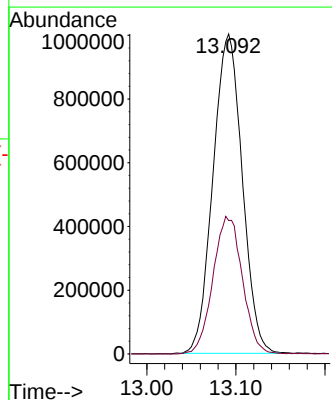
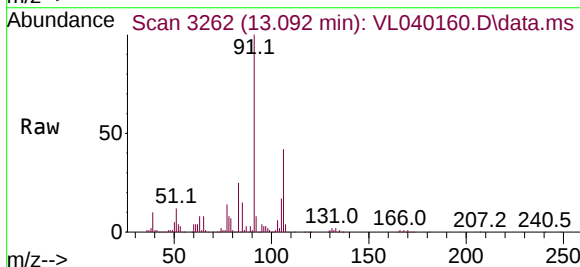
Manual Integrations
APPROVED

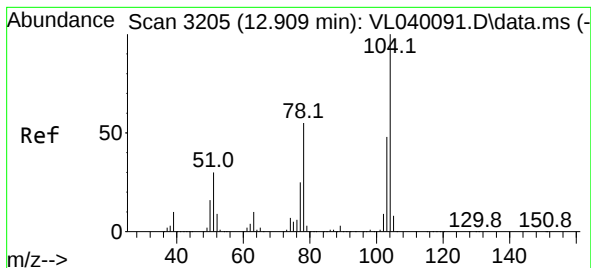
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
o-Xylene
Concen: 10.396 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 91 Resp: 2282836
Ion Ratio Lower Upper
91 100
106 43.4 21.6 64.8





#61

Styrene

Concen: 11.346 ppbv

RT: 12.931 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion:104 Resp: 129820

Ion Ratio Lower Upper

104 100

78 53.7 44.0 66.0

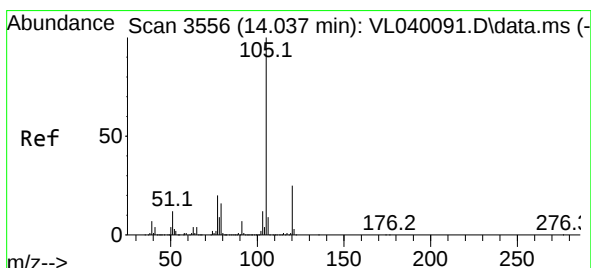
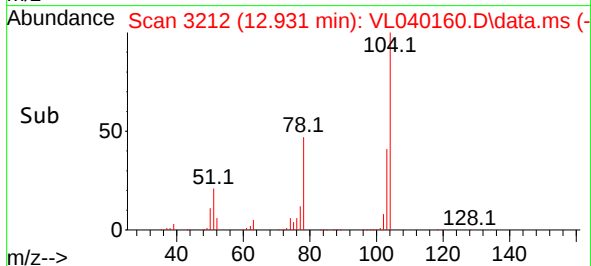
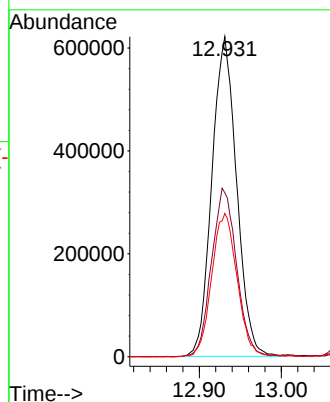
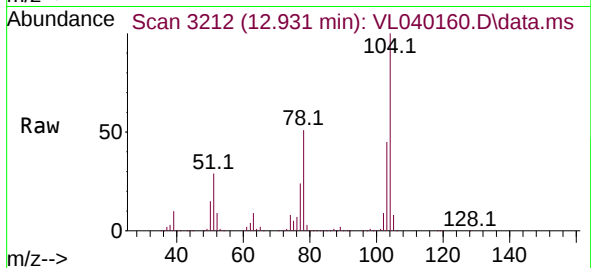
103 46.4 37.8 56.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#62

Isopropylbenzene

Concen: 10.044 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL040160.D

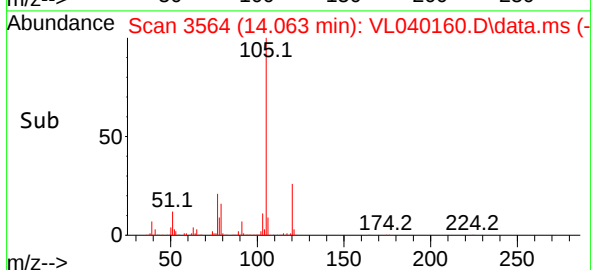
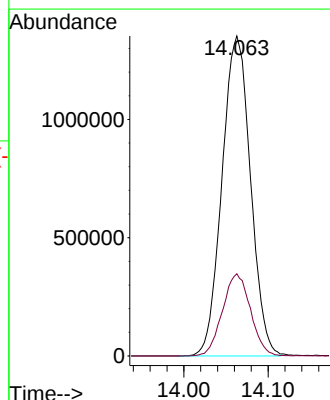
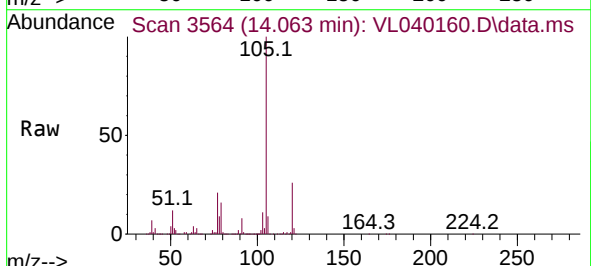
Acq: 13 Feb 2023 14:33

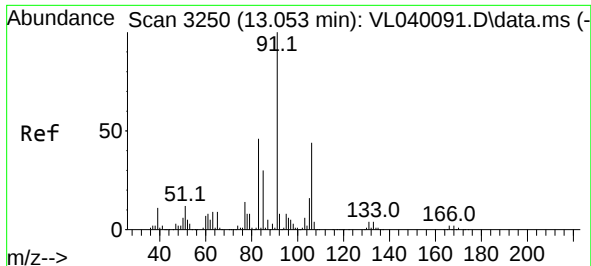
Tgt Ion:105 Resp: 3172229

Ion Ratio Lower Upper

105 100

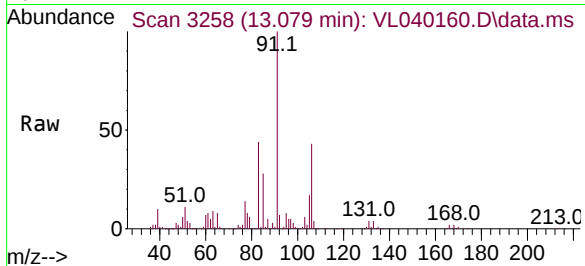
120 25.3 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.298 ppbv
RT: 13.079 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

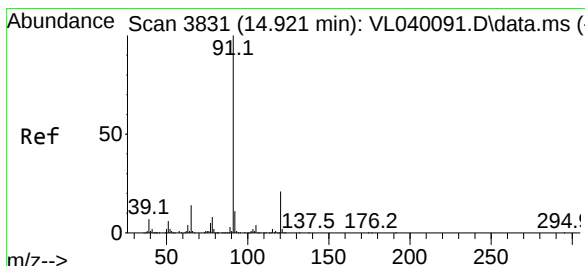
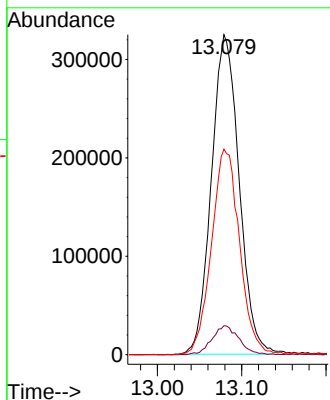
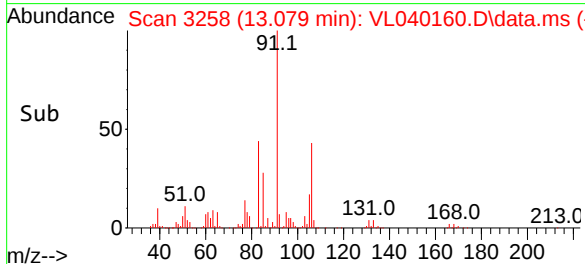
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



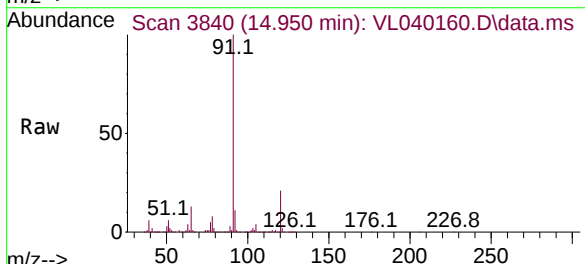
Tgt Ion: 83 Resp: 741360
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 65.9 32.5 97.5

Manual Integrations
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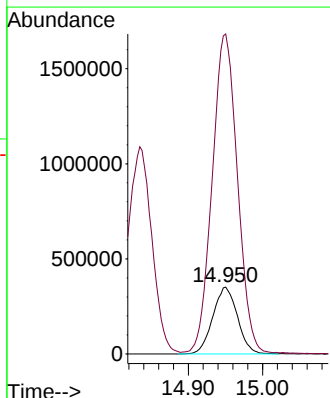
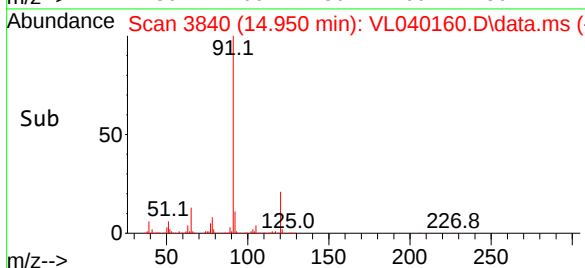
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

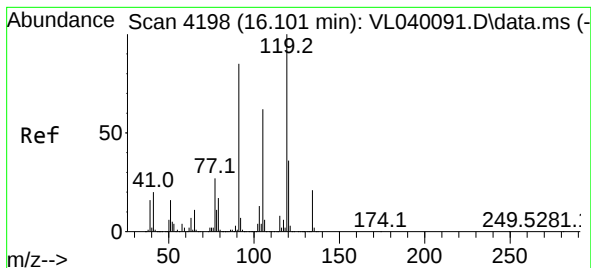


#64
n-propylbenzene
Concen: 10.328 ppbv
RT: 14.950 min Scan# 3840
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



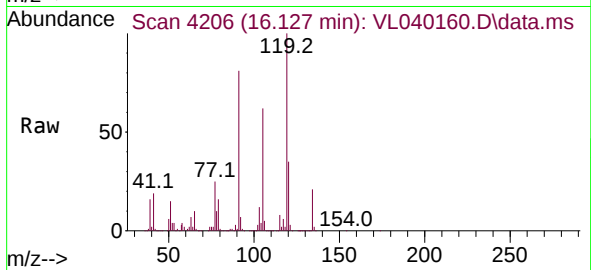
Tgt Ion:120 Resp: 810872
Ion Ratio Lower Upper
120 100
91 493.8 397.0 595.4





#65
tert-Butylbenzene
Concen: 10.462 ppbv
RT: 16.127 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

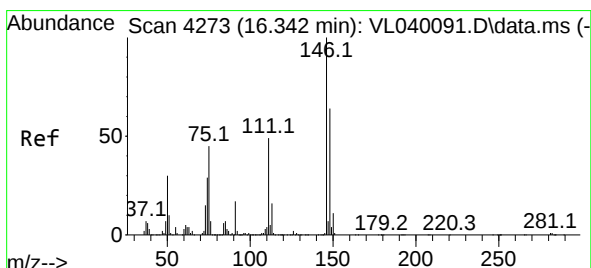
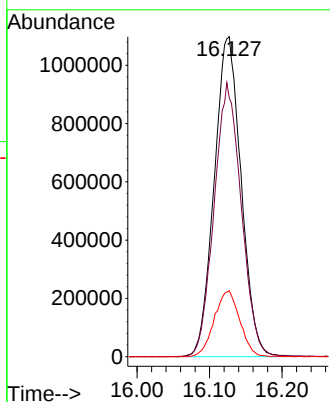
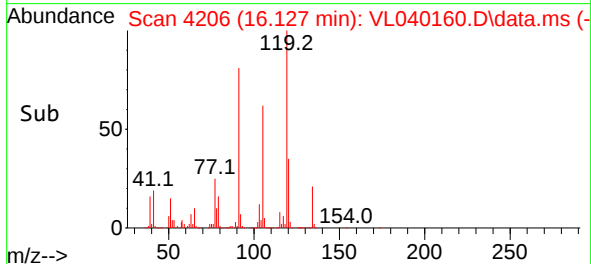
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



Tgt Ion: 119 Resp: 2829034
Ion Ratio Lower Upper
119 100
91 86.2 69.5 104.3
134 19.6 15.8 23.8

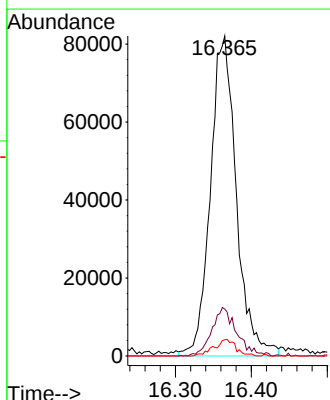
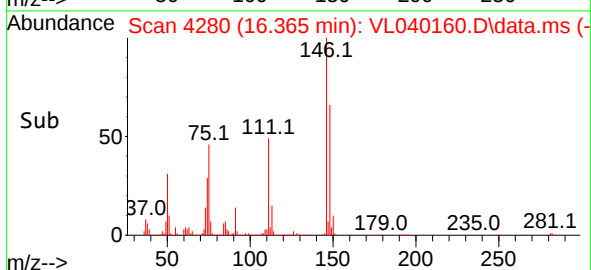
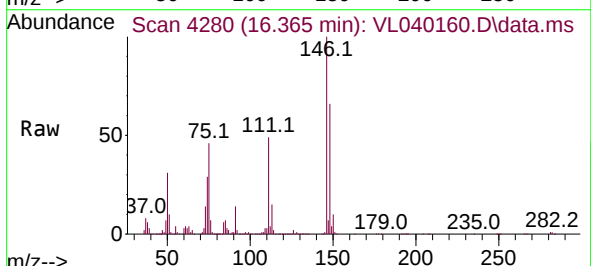
Manual Integrations
APPROVED

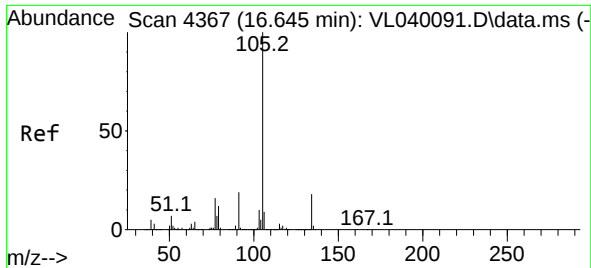
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#66
Benzyl Chloride
Concen: 10.538 ppbv m
RT: 16.365 min Scan# 4280
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

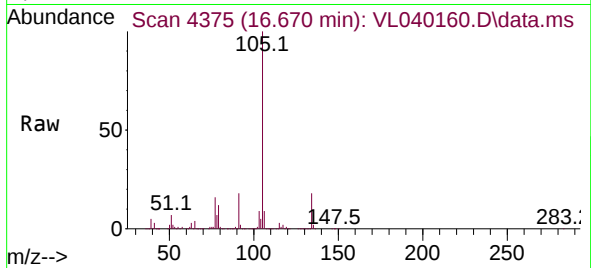
Tgt Ion: 91 Resp: 194738
Ion Ratio Lower Upper
91 100
126 14.5 11.5 17.3
128 4.5 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 10.543 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

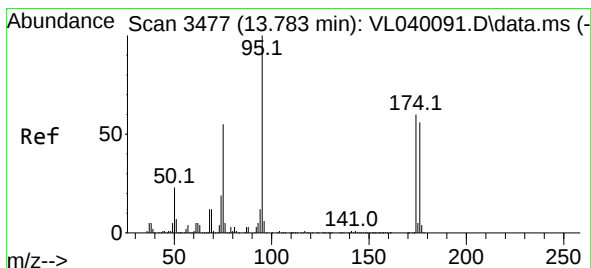
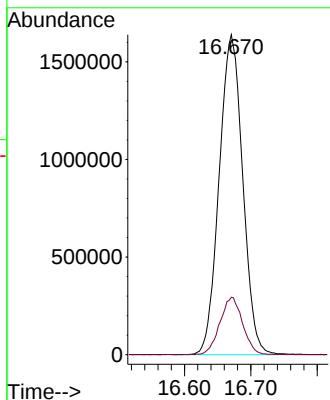
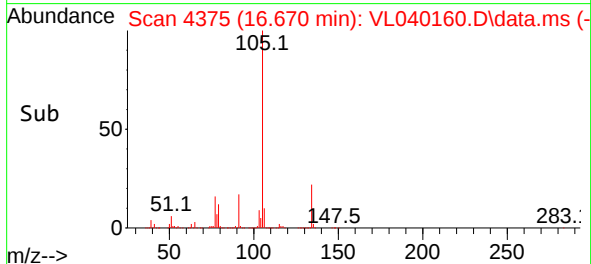
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01



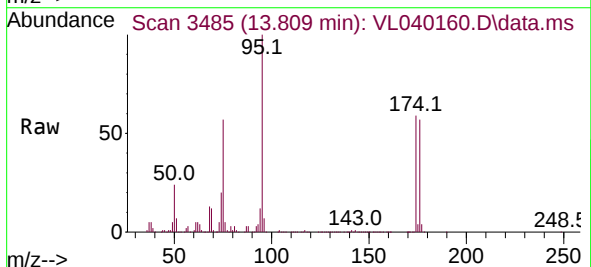
Tgt Ion:105 Resp: 4041750
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.1 21.1

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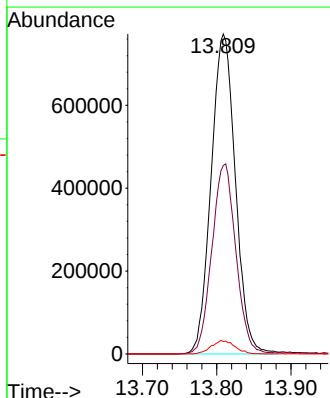
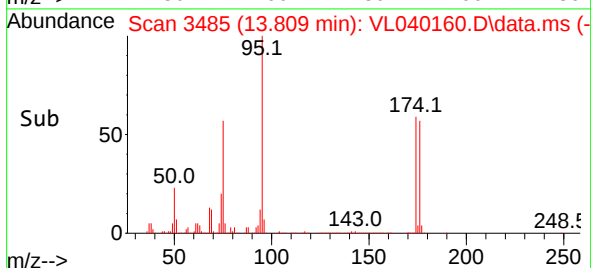
Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

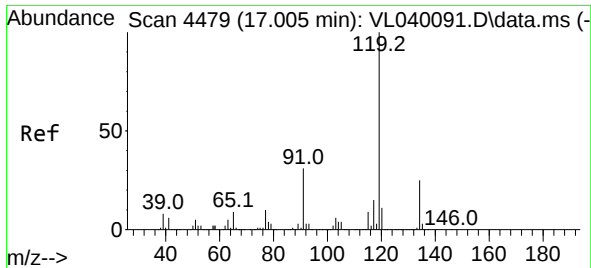


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.166 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33



Tgt Ion: 95 Resp: 1756378
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.7 71.5
 175 4.1 3.4 5.2





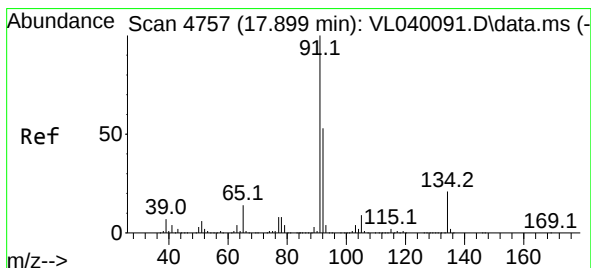
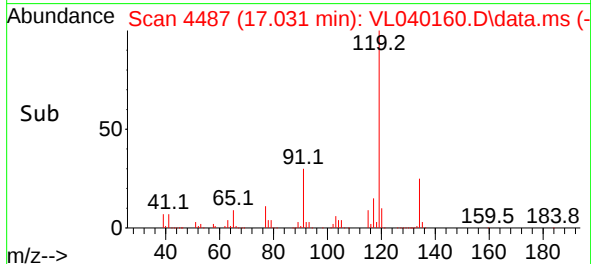
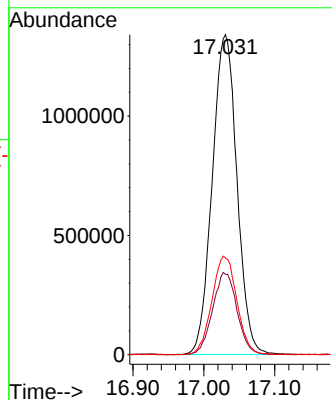
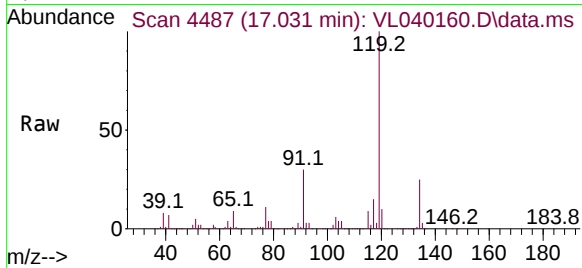
#69
p-Isopropyltoluene
Concen: 10.780 ppbv
RT: 17.031 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion:119 Resp: 324740
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 31.1 25.0 37.4

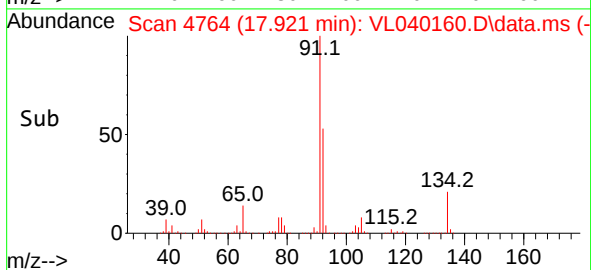
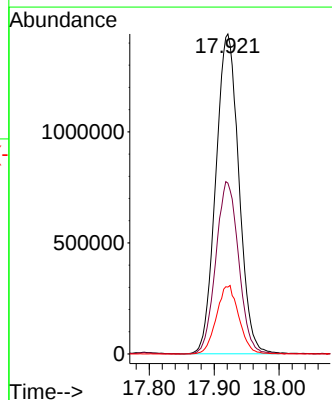
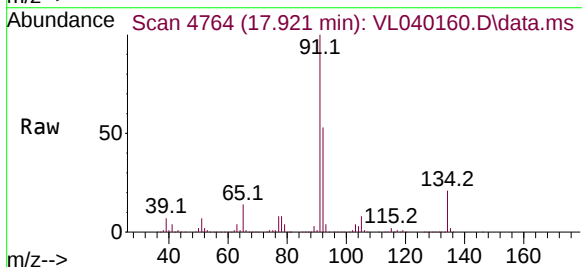
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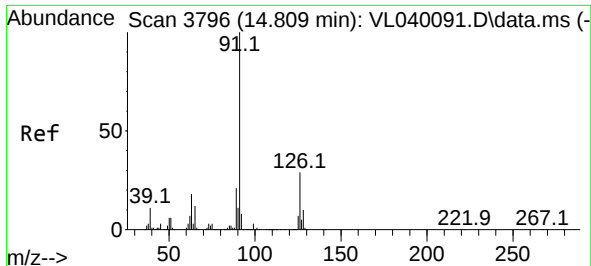
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
n-Butylbenzene
Concen: 10.921 ppbv
RT: 17.921 min Scan# 4764
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 91 Resp: 3547749
Ion Ratio Lower Upper
91 100
92 53.4 42.8 64.2
134 20.8 16.9 25.3





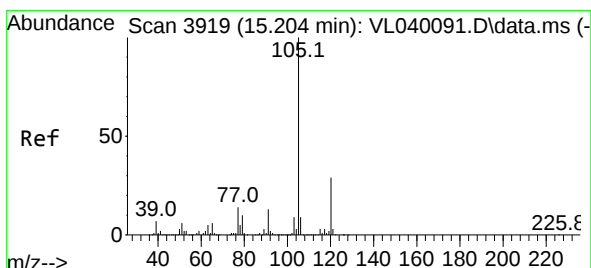
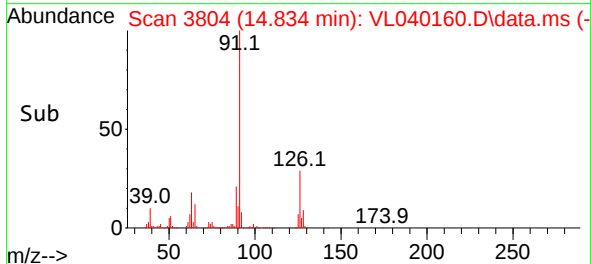
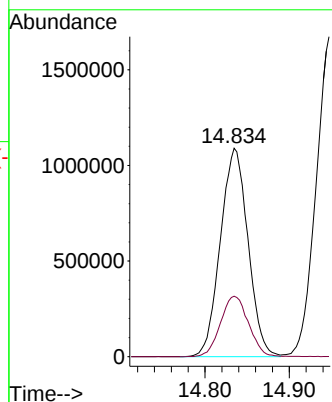
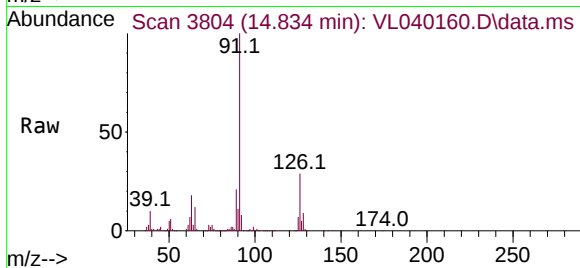
#71
2-Chlorotoluene
Concen: 10.211 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion: 91 Resp: 248027
Ion Ratio Lower Upper
91 100
126 29.5 11.9 47.5

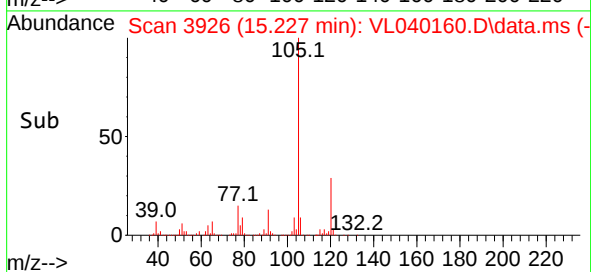
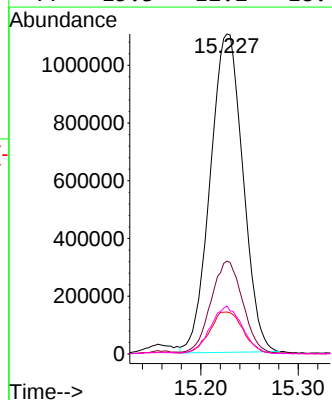
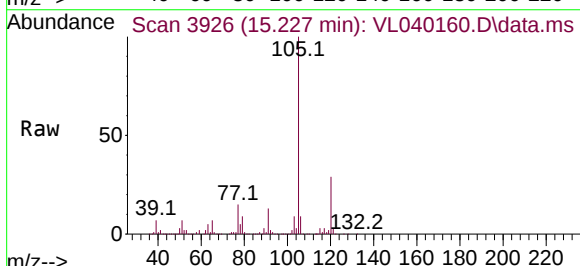
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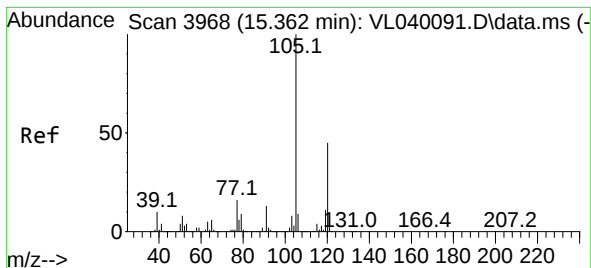
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#72
4-Ethyltoluene
Concen: 10.542 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion:105 Resp: 2568745
Ion Ratio Lower Upper
105 100
120 28.9 23.1 34.7
91 13.7 11.2 16.8
77 15.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 10.490 ppbv

RT: 15.384 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion:105 Resp: 230141

Ion Ratio Lower Upper

105 100

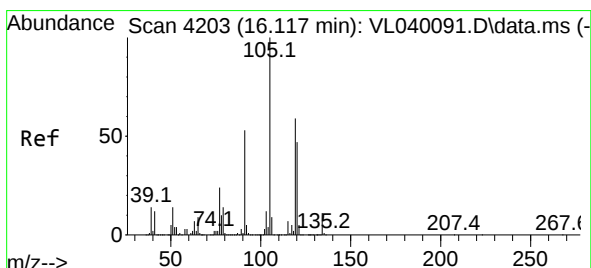
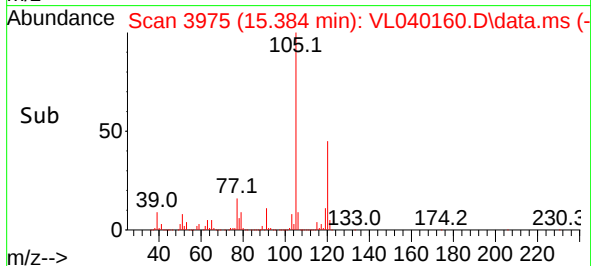
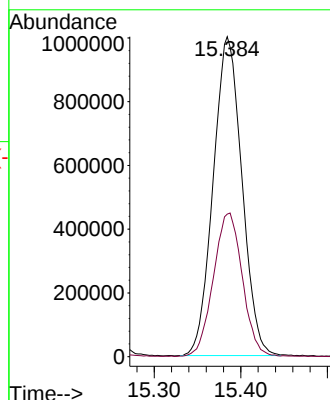
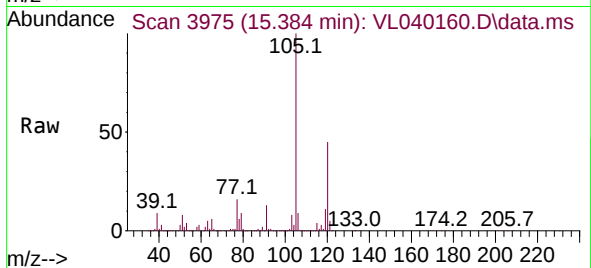
120 44.5 36.2 54.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.401 ppbv

RT: 16.143 min Scan# 4211

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion:105 Resp: 2527772

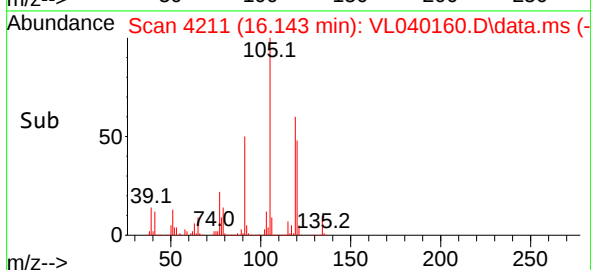
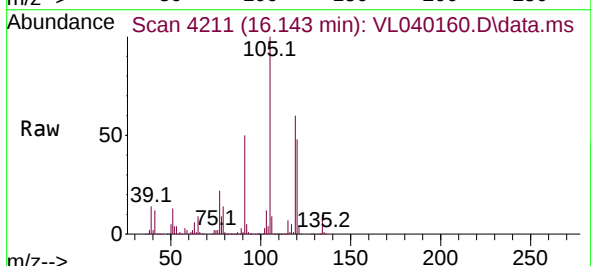
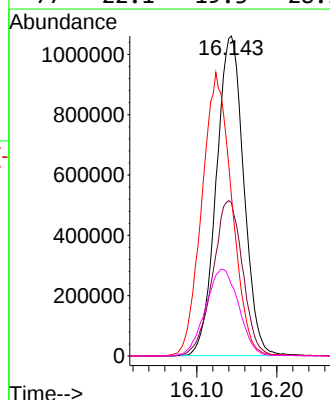
Ion Ratio Lower Upper

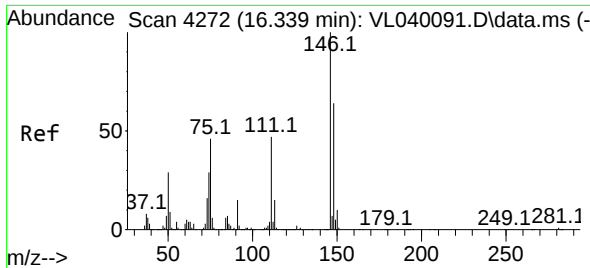
105 100

120 47.7 38.0 57.0

91 49.8 42.1 63.1

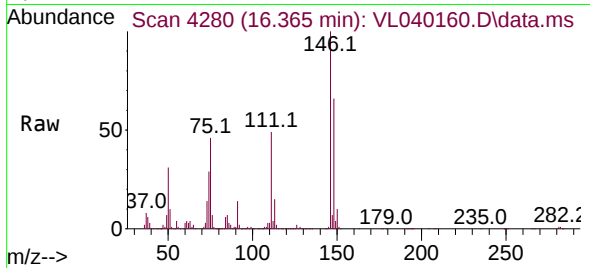
77 22.1 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 10.351 ppbv
RT: 16.365 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

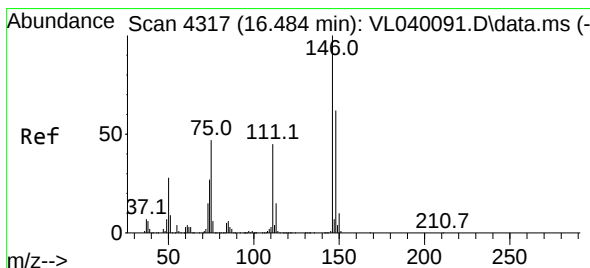
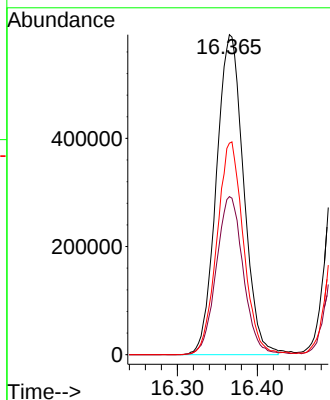
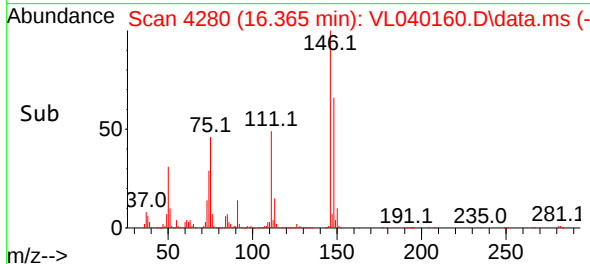
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



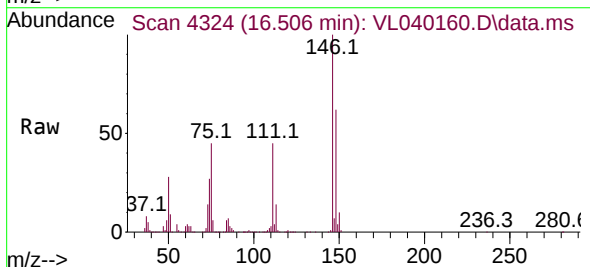
Tgt Ion:146 Resp: 139710
Ion Ratio Lower Upper
146 100
111 49.3 24.3 73.0
148 64.9 32.3 96.8

Manual Integrations
APPROVED

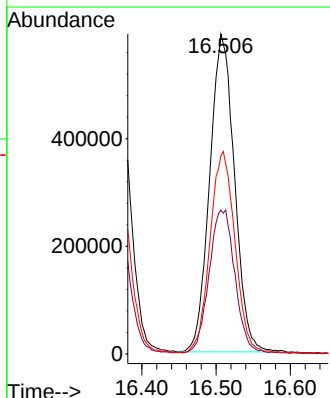
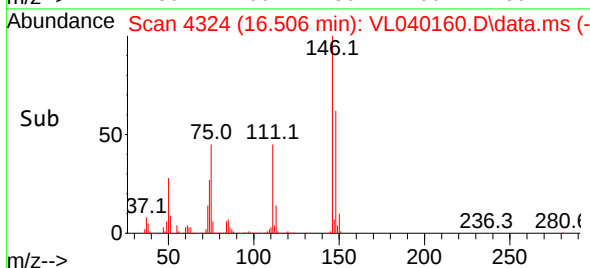
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

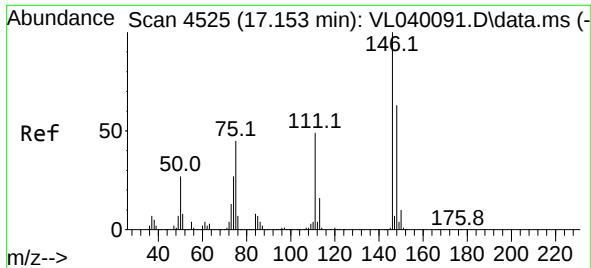


#76
1,4-Dichlorobenzene
Concen: 10.322 ppbv
RT: 16.506 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



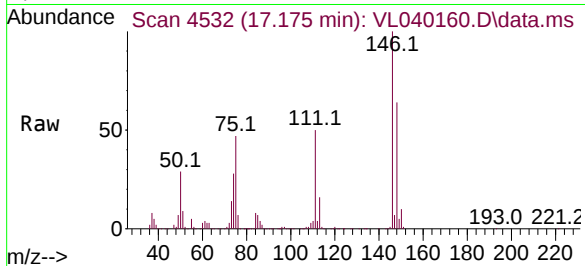
Tgt Ion:146 Resp: 1369811
Ion Ratio Lower Upper
146 100
111 48.1 23.8 71.2
148 64.3 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.666 ppbv
RT: 17.175 min Scan# 4532
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

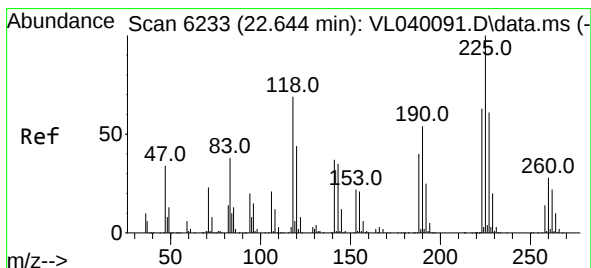
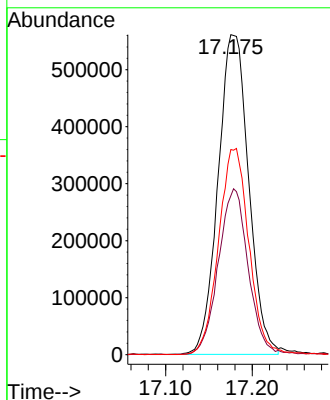
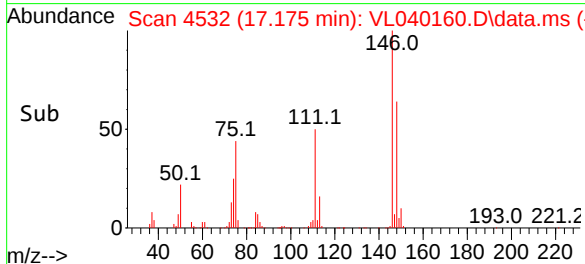
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01



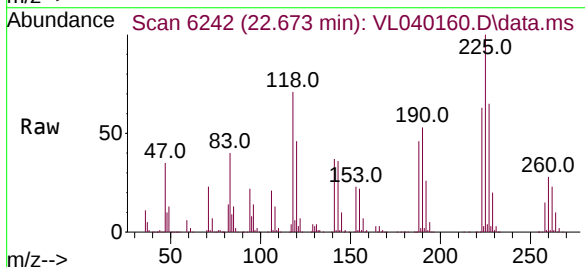
Tgt Ion:146 Resp: 1376800
Ion Ratio Lower Upper
146 100
111 51.0 25.1 75.2
148 64.2 32.4 97.0

Manual Integrations
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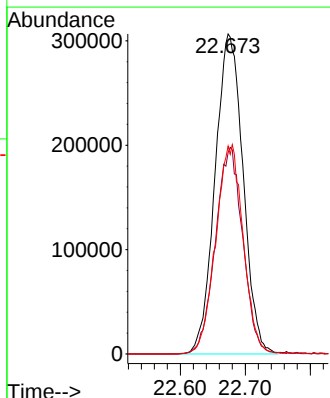
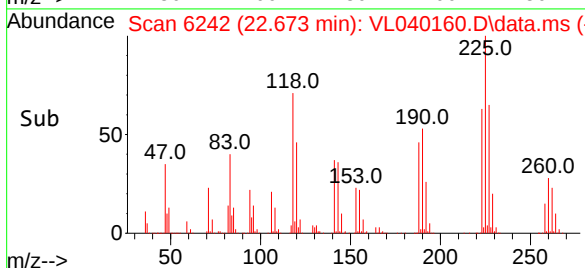
Reviewed By :Semsettin Yesilyurt 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

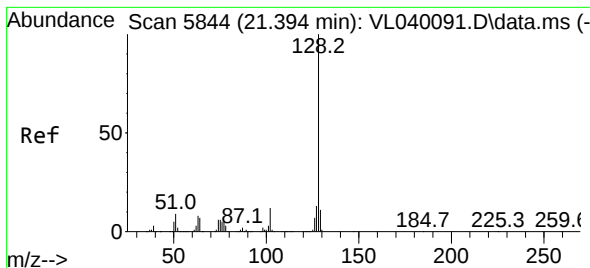


#78
Hexachloro-1,3-Butadiene
Concen: 9.695 ppbv
RT: 22.673 min Scan# 6242
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33



Tgt Ion:225 Resp: 916611
Ion Ratio Lower Upper
225 100
223 63.2 51.5 77.3
227 64.5 50.6 76.0





#79

Naphthalene

Concen: 13.486 ppbv

RT: 21.426 min Scan# 5854

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion:128 Resp: 1877540

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

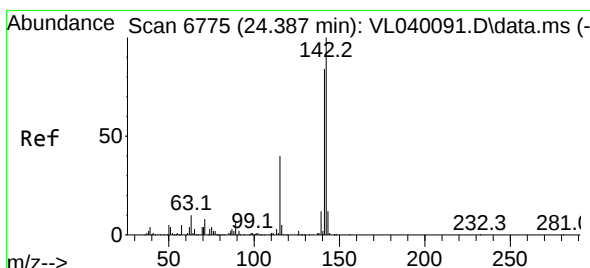
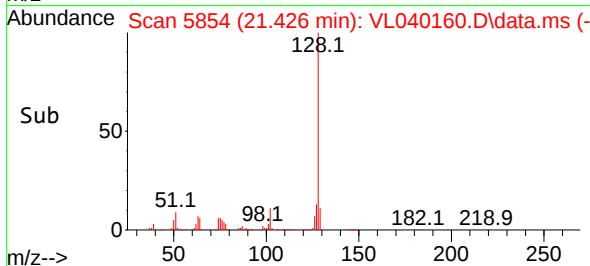
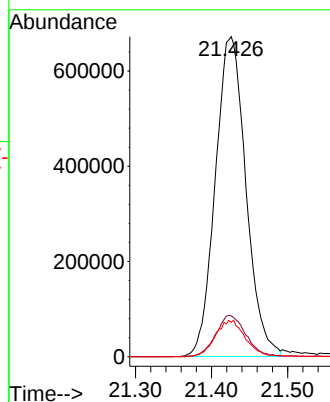
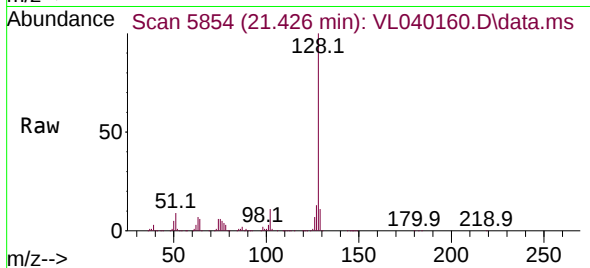
129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#80

Naphthalene,2-methyl-

Concen: 7.209 ppbv

RT: 24.410 min Scan# 6782

Delta R.T. 0.006 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

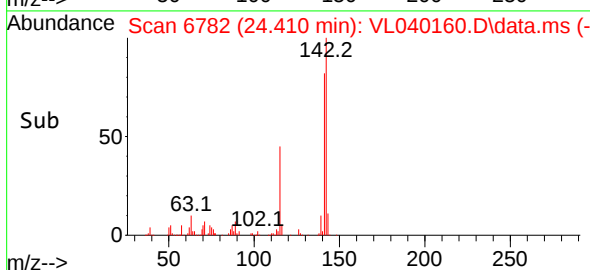
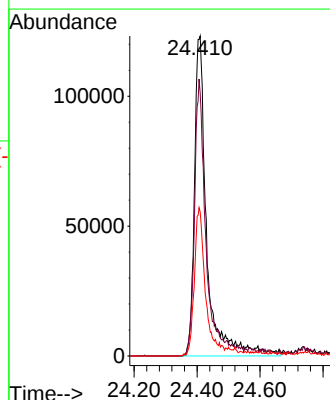
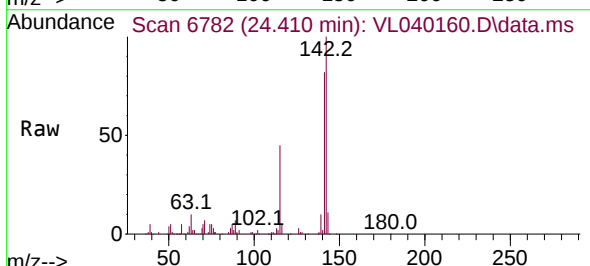
Tgt Ion:142 Resp: 338203

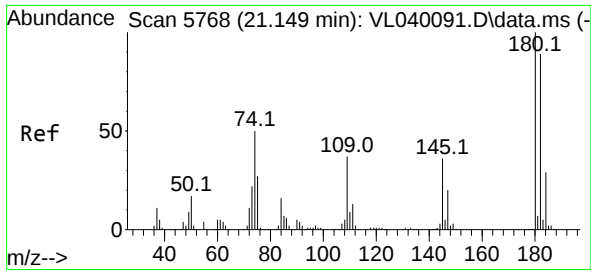
Ion Ratio Lower Upper

142 100

141 80.1 65.0 97.6

115 44.1 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.467 ppbv

RT: 21.178 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040160.D

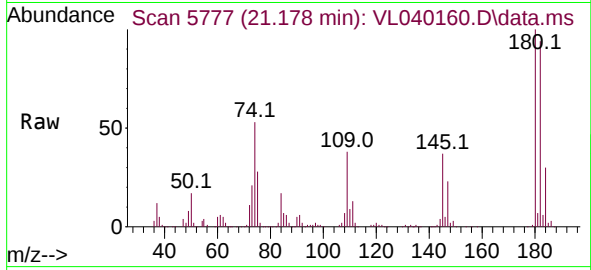
Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01



Tgt Ion:180 Resp: 983974

Ion Ratio Lower Upper

180 100

182 97.9 78.6 117.8

184 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023

