

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040192.D
 Acq On : 21 Feb 2023 12:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:17:48 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 : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	923466	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2482522	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2347068m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.806 95 1729802 8.963 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 89.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1696722	9.858	ppbv	100
3) Chlorodifluoromethane	2.674	51	1081334	9.802	ppbv	98
4) Chloromethane	2.813	50	713917	10.303	ppbv	95
5) Vinyl Chloride	2.922	62	608268	10.924	ppbv	98
6) Bromomethane	3.124	94	185591	9.234	ppbv	94
7) Chloroethane	3.198	64	227311	10.294	ppbv	99
8) Dichlorotetrafluoroethane	2.858	85	1430991	9.649	ppbv	98
9) Propene	2.694	41	502400	11.173	ppbv	99
10) Heptane	7.603	43	1229618	11.489	ppbv	99
11) Trichlorofluoromethane	3.568	101	1388089	8.989	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1063832	9.338	ppbv	98
13) Ethanol	3.250	45	29825m	7.205	ppbv	
14) Bromoethene	3.369	108	442829	10.136	ppbv	98
15) Acetone	3.472	43	1014822	9.128	ppbv	100
16) 1,3-Butadiene	2.986	39	553261	10.897	ppbv	98
17) tert-Butyl alcohol	3.886	59	1104058	10.889	ppbv	99
18) 1,1-Dichloroethene	3.886	96	466816	9.430	ppbv	94
19) Isopropyl Alcohol	3.581	45	501354	9.486	ppbv	98
20) Methylene Chloride	3.938	84	415939	7.187	ppbv	93
21) Allyl Chloride	4.002	41	768036	11.263	ppbv	97
22) trans-1,2-Dichloroethene	4.456	96	498214	9.720	ppbv	97
23) Vinyl Acetate	4.639	43	361605	10.717	ppbv #	98
24) 1,1-Dichloroethane	4.574	63	1047639	9.933	ppbv	99
25) Ethyl Acetate	5.218	43	2209836	10.692	ppbv	100
26) Hexane	5.224	57	937151	10.562	ppbv	99
27) Carbon Disulfide	4.131	76	1275298	11.327	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	1007171	10.594	ppbv	100
29) Chloroform	5.288	83	1471556	9.659	ppbv	99
30) Cyclohexane	6.623	84	833162	11.959	ppbv	97
31) cis-1,2-Dichloroethene	5.092	61	923942	10.960	ppbv	97
32) 1,1,1-Trichloroethane	6.021	97	1452340	10.146	ppbv	99
34) 2-Butanone	4.796	43	1177267	9.614	ppbv	99
35) Carbon Tetrachloride	6.513	117	1500876	10.227	ppbv	99
36) Benzene	6.388	78	2069203	10.710	ppbv	100
37) 1,2-Dichloroethane	5.822	62	1113846	9.218	ppbv	98
38) Trichloroethene	7.314	130	1164654	10.940	ppbv	98
39) 1,2-Dichloropropane	7.095	63	789990	10.511	ppbv	97
40) 1,4-Dioxane	7.308	88	275088	9.150	ppbv	72
41) Tetrahydrofuran	5.571	42	810241	11.417	ppbv	100
42) Bromodichloromethane	7.269	83	1654168	9.919	ppbv	99
43) Methyl Methacrylate	7.494	69	818955	11.456	ppbv	98
44) 2,2,4-Trimethylpentane	7.346	57	3379467	10.479	ppbv	98
45) t-1,3-Dichloropropene	8.735	75	765550	12.073	ppbv	99

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

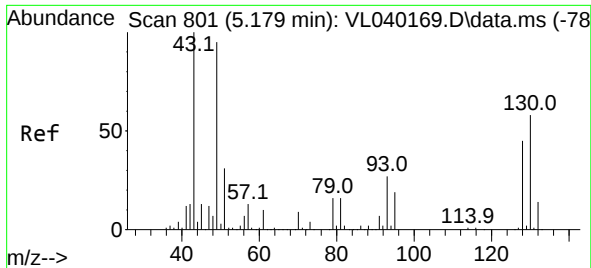
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	1034631	11.712	ppbv	97
47) 1,1,2-Trichloroethane	8.925	97	822152	10.114	ppbv	98
48) Dibromochloromethane	9.735	129	1375112	10.576	ppbv	99
49) Bromoform	12.436	173	1110401	10.942	ppbv	100
50) 4-Methyl-2-Pentanone	8.201	43	2061951	10.844	ppbv	99
51) 2-Hexanone	9.574	43	1604095	10.969	ppbv #	98
52) Tetrachloroethene	10.642	164	695593	11.530	ppbv	93
53) Toluene	9.246	91	2346701	11.341	ppbv	100
54) 1,2-Dibromoethane	10.034	107	918330	10.858	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.539	131	978387	9.931	ppbv	98
57) Chlorobenzene	11.555	112	1748075	10.194	ppbv	98
58) Ethyl Benzene	12.118	91	3117117	10.931	ppbv	100
59) m/p-Xylene	12.397	91	5199365m	20.585	ppbv	
60) o-Xylene	13.085	91	2480062	10.205	ppbv	97
61) Styrene	12.928	104	1499968	11.756	ppbv	99
62) Isopropylbenzene	14.060	105	3556438	10.195	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.076	83	823575	9.404	ppbv	100
64) n-propylbenzene	14.950	120	924314m	10.705	ppbv	
65) tert-Butylbenzene	16.121	119	3076682	10.146	ppbv	96
66) Benzyl Chloride	16.359	91	204320	10.125	ppbv	99
67) sec-Butylbenzene	16.667	105	4342678	9.986	ppbv	100
69) p-Isopropyltoluene	17.024	119	3543474	10.278	ppbv	98
70) n-Butylbenzene	17.918	91	3686881	9.853	ppbv	99
71) 2-Chlorotoluene	14.831	91	2687176	10.072	ppbv	99
72) 4-Ethyltoluene	15.220	105	2889843	10.756	ppbv	98
73) 1,3,5-Trimethylbenzene	15.381	105	2529823	10.120	ppbv	98
74) 1,2,4-Trimethylbenzene	16.137	105	2686413	9.783	ppbv	98
75) 1,3-Dichlorobenzene	16.362	146	1519220	10.110	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	1464022	9.942	ppbv	99
77) 1,2-Dichlorobenzene	17.178	146	1452665	9.732	ppbv	99
78) Hexachloro-1,3-Butadiene	22.667	225	934233	9.110	ppbv	99
79) Naphthalene	21.419	128	1866656	12.100	ppbv	97
80) Naphthalene,2-methyl-	24.400	142	518696	11.824	ppbv	96
81) 1,2,4-Trichlorobenzene	21.175	180	1006439	10.426	ppbv	99

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



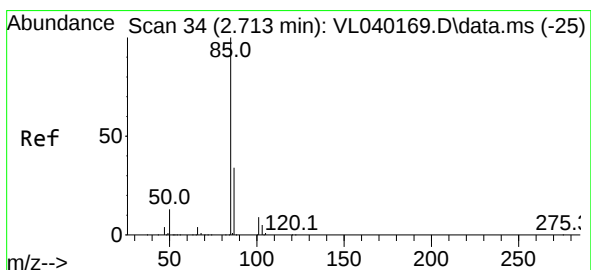
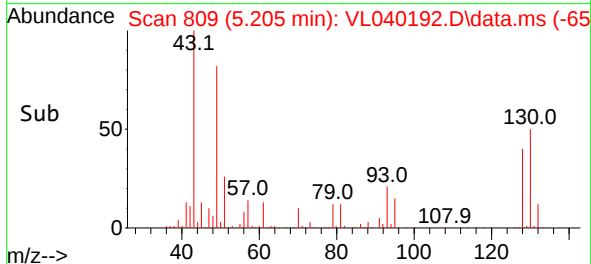
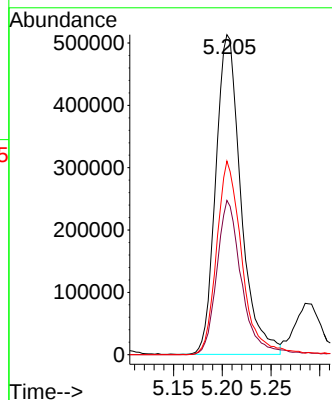
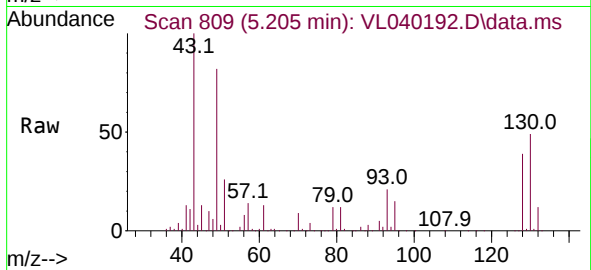
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 923460
Ion Ratio Lower Upper
49 100
128 48.2 24.1 72.3
130 61.7 30.9 92.8

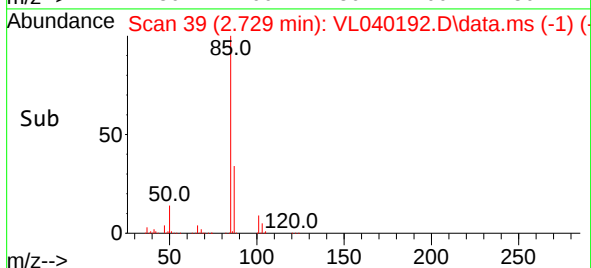
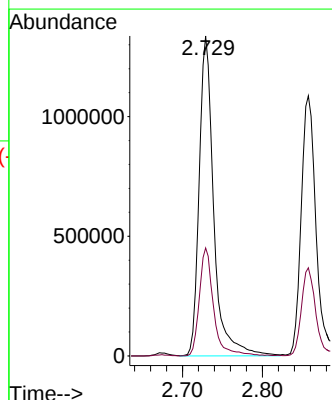
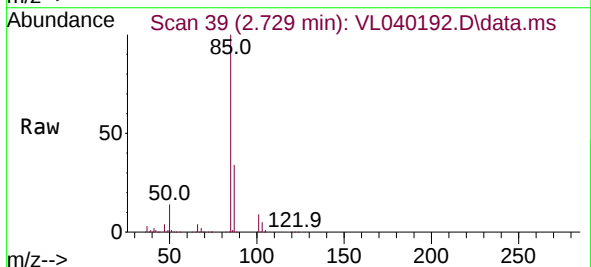
Manual Integrations
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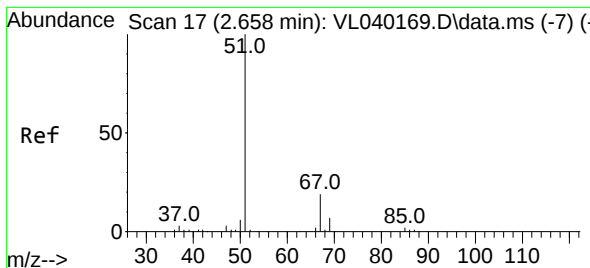
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 9.858 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion: 85 Resp: 1696722
Ion Ratio Lower Upper
85 100
87 33.7 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.802 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 51 Resp: 1081334

Ion Ratio Lower Upper

51 100

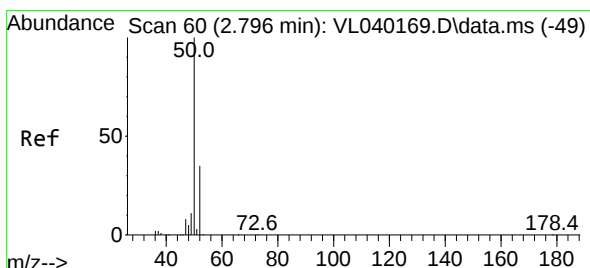
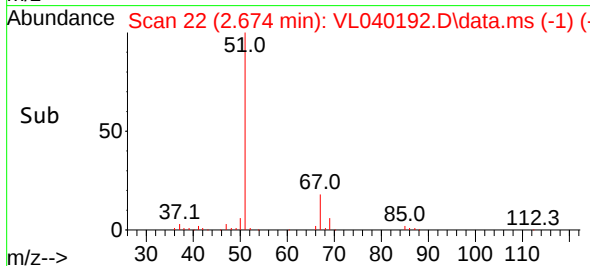
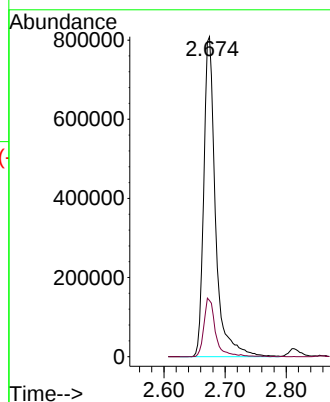
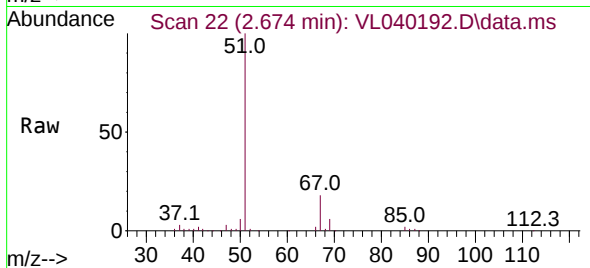
67 18.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#4

Chloromethane

Concen: 10.303 ppbv

RT: 2.813 min Scan# 65

Delta R.T. 0.000 min

Lab File: VL040192.D

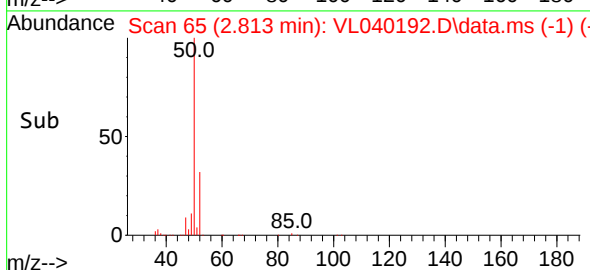
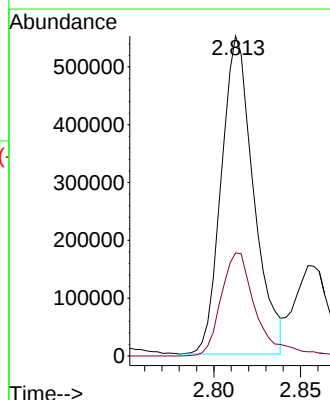
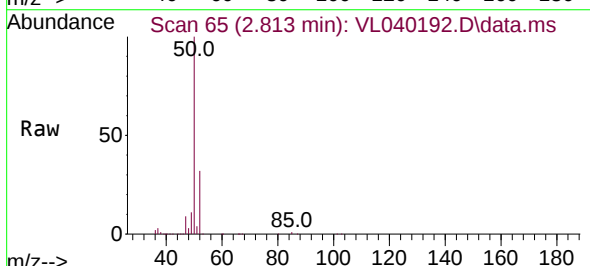
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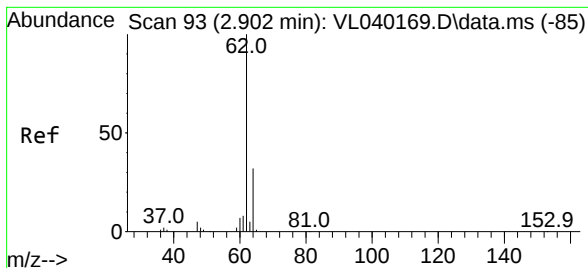
Tgt Ion: 50 Resp: 713917

Ion Ratio Lower Upper

50 100

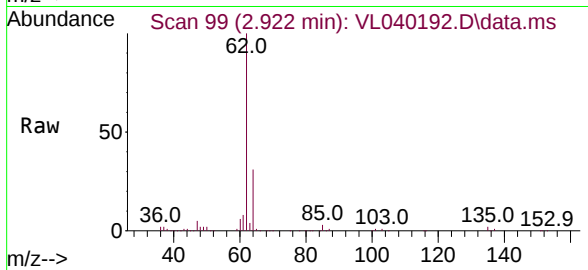
52 32.4 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.924 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

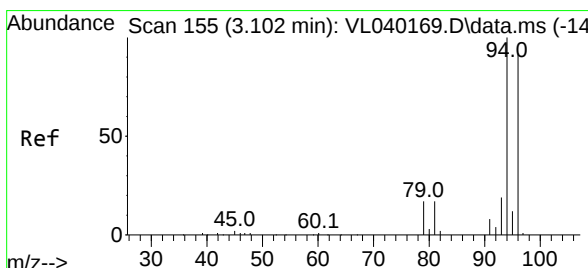
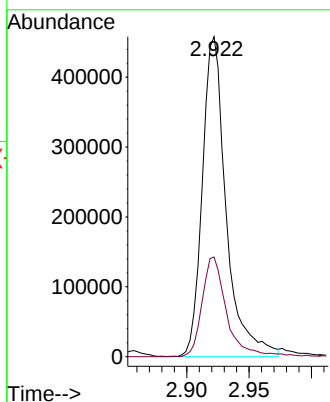
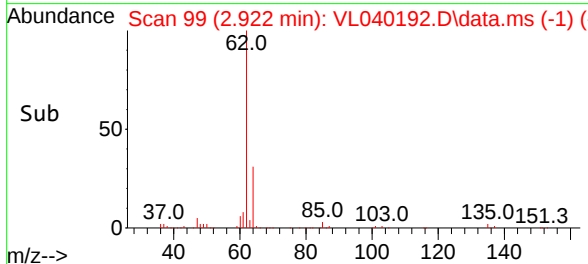
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



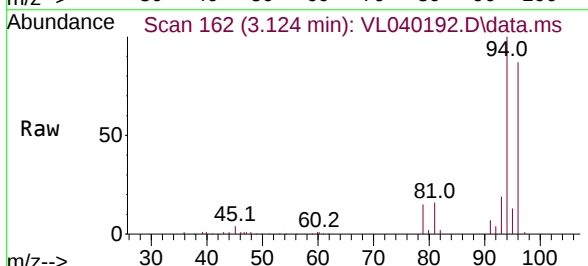
Tgt Ion: 62 Resp: 608268
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.6 38.4

Manual Integrations
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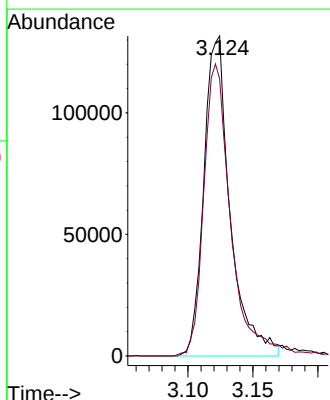
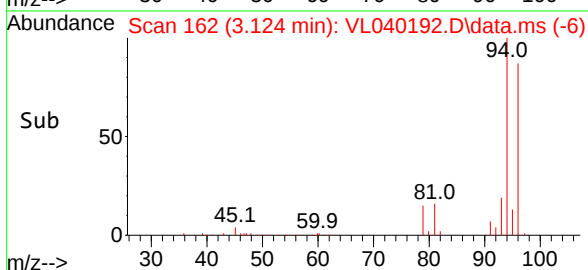
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#6
 Bromomethane
 Concen: 9.234 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09



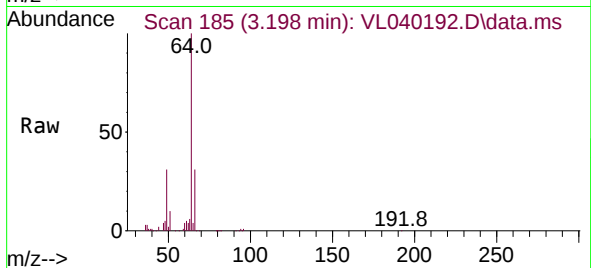
Tgt Ion: 94 Resp: 185591
 Ion Ratio Lower Upper
 94 100
 96 86.2 73.4 110.2





#7
Chloroethane
Concen: 10.294 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

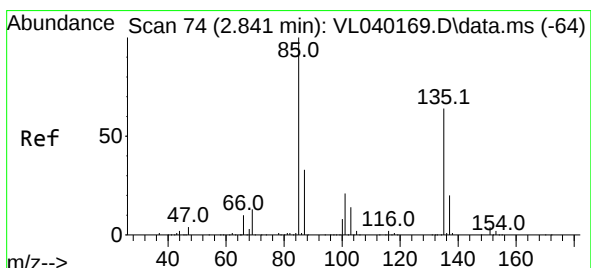
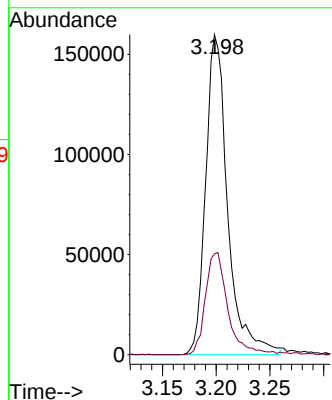
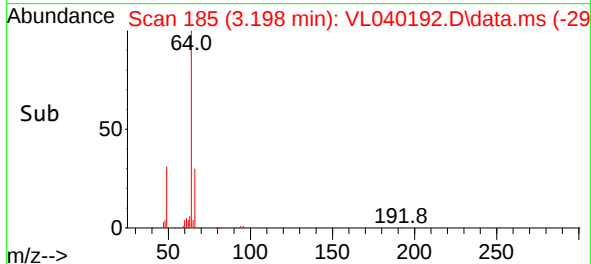
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 22731
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2

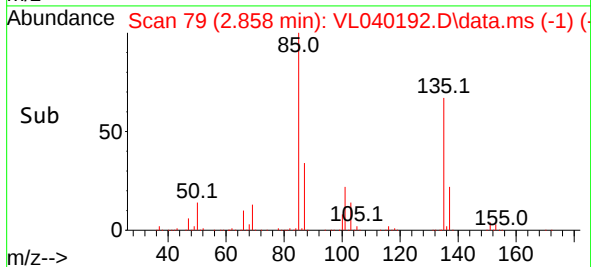
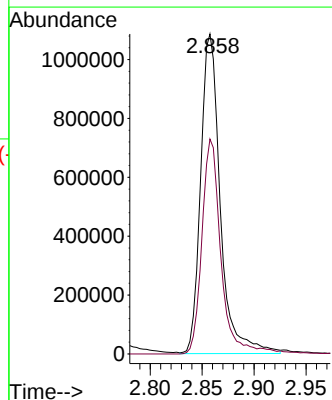
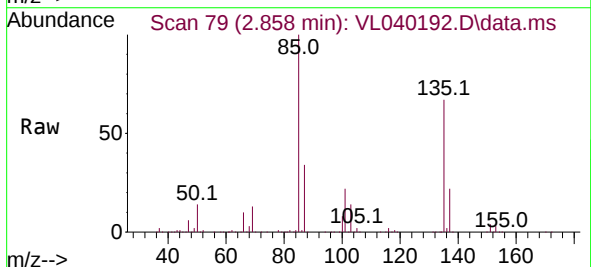
Manual Integrations
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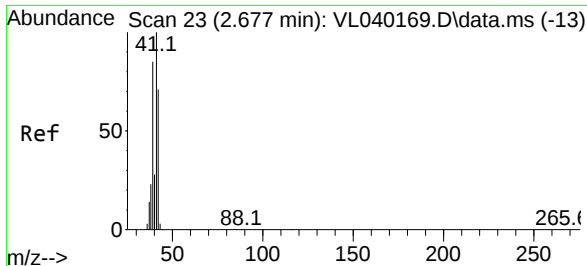
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#8
Dichlorotetrafluoroethane
Concen: 9.649 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

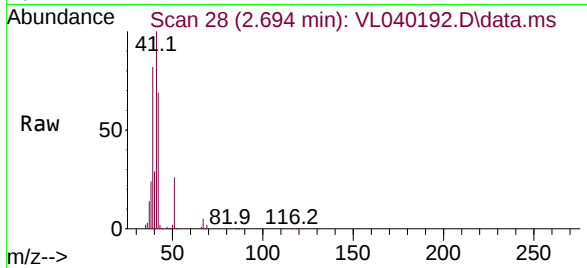
Tgt Ion: 85 Resp: 1430991
Ion Ratio Lower Upper
85 100
135 65.8 51.5 77.3





#9
Propene
Concen: 11.173 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

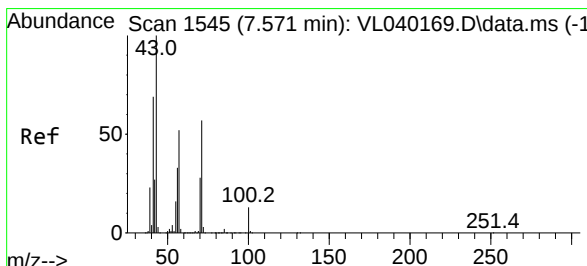
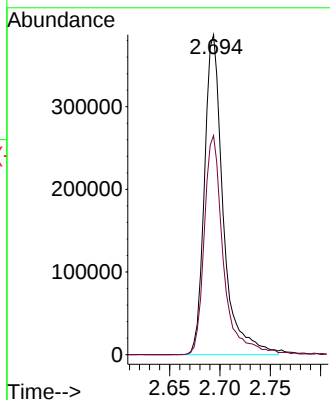
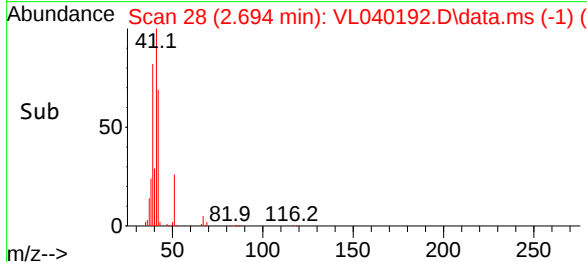
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 502400
Ion Ratio Lower Upper
41 100
42 70.5 56.9 85.3

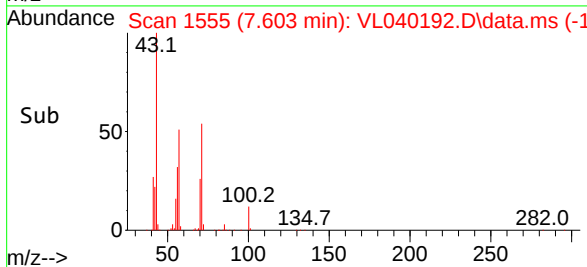
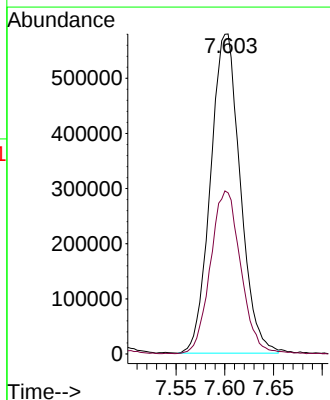
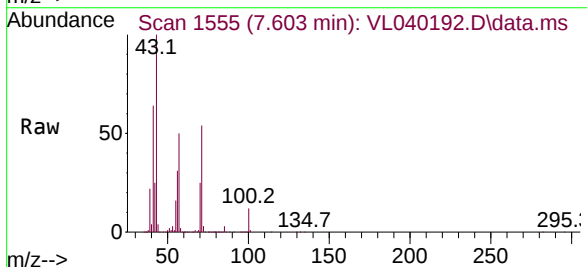
Manual Integrations
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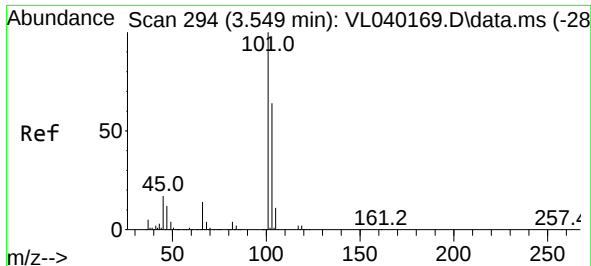
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Heptane
Concen: 11.489 ppbv
RT: 7.603 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

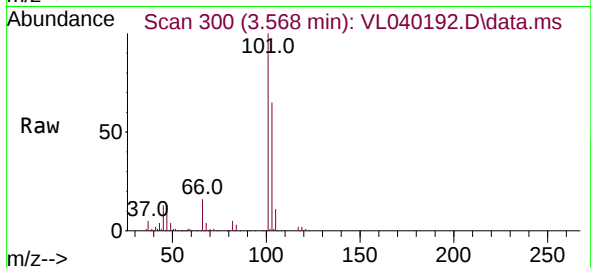
Tgt Ion: 43 Resp: 1229618
Ion Ratio Lower Upper
43 100
57 52.5 41.4 62.2





#11
Trichlorofluoromethane
Concen: 8.989 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

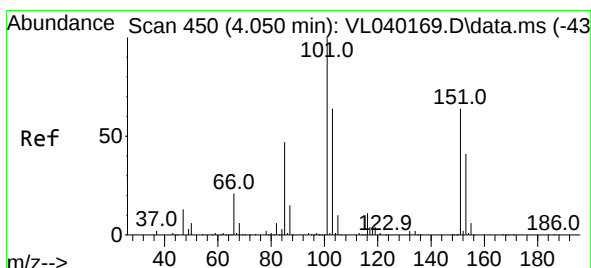
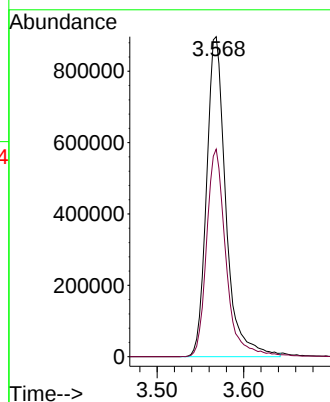
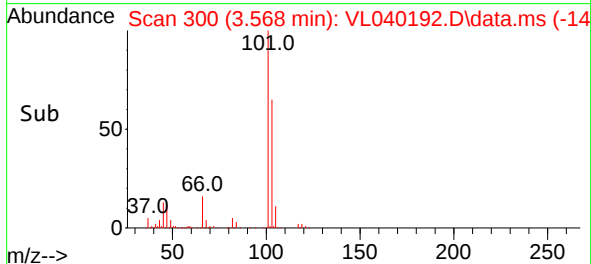
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



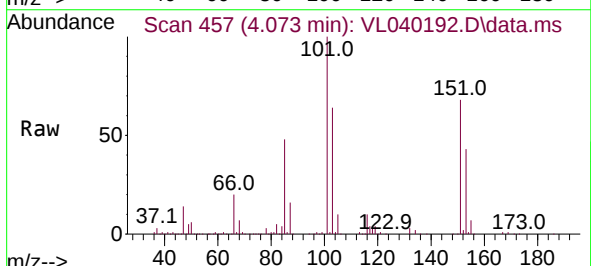
Tgt Ion:101 Resp: 1388089
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

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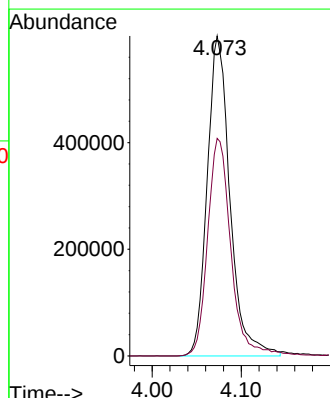
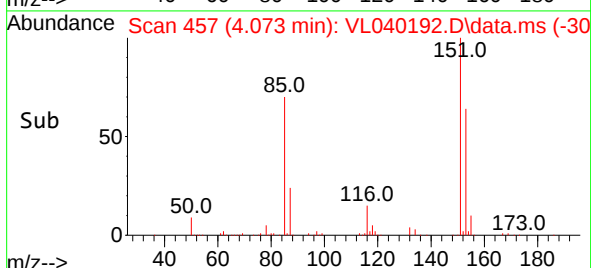
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

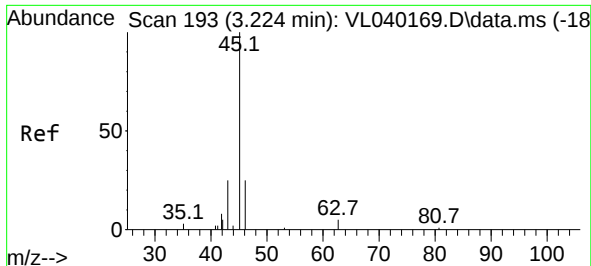


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.338 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



Tgt Ion:101 Resp: 1063832
Ion Ratio Lower Upper
101 100
151 69.9 54.7 82.1





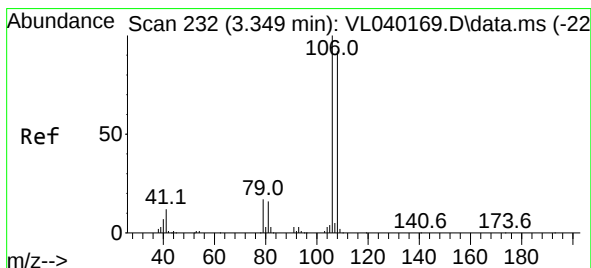
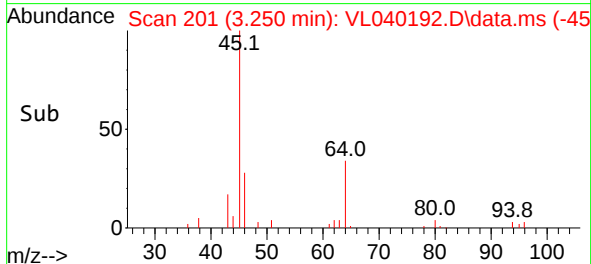
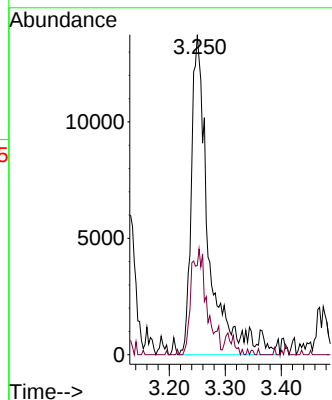
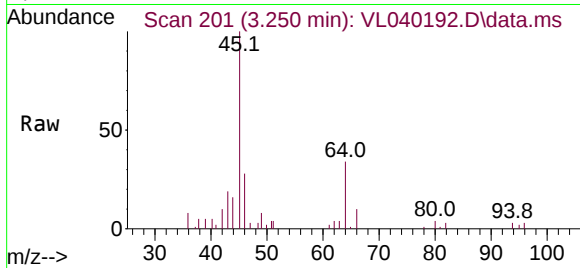
#13
Ethanol
Concen: 7.205 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 29829
Ion Ratio Lower Upper
45 100
46 33.1 13.3 53.1

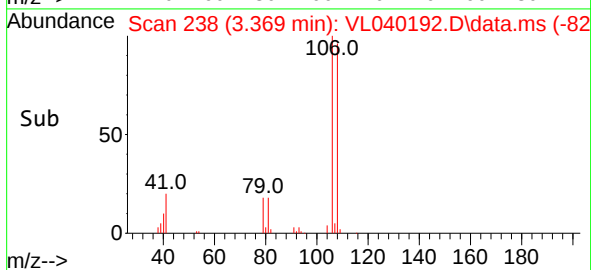
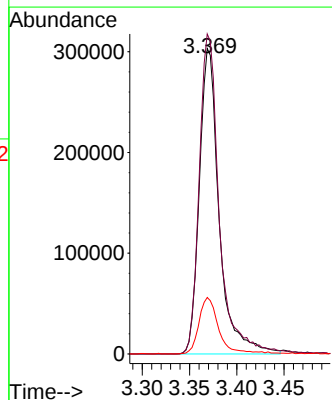
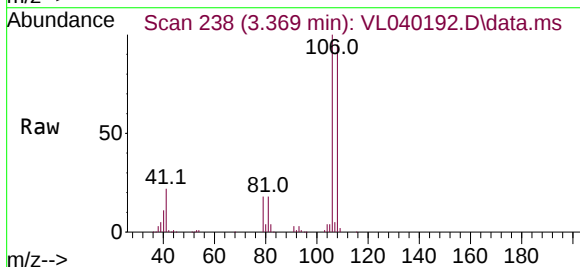
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#14
Bromoethene
Concen: 10.136 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion:108 Resp: 442829
Ion Ratio Lower Upper
108 100
106 107.0 87.1 130.7
79 18.9 15.4 23.2





#15

Acetone

Concen: 9.128 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 101482

Ion Ratio Lower Upper

43 100

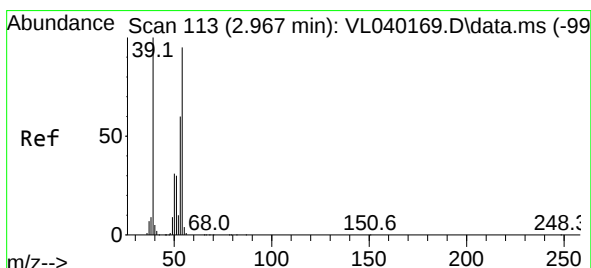
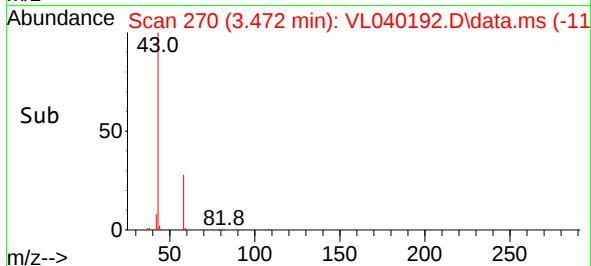
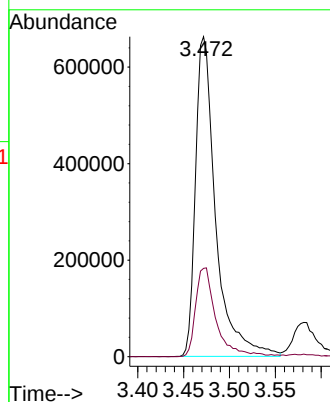
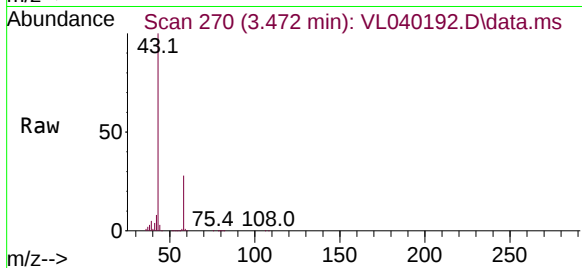
58 28.2 22.4 33.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#16

1,3-Butadiene

Concen: 10.897 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.000 min

Lab File: VL040192.D

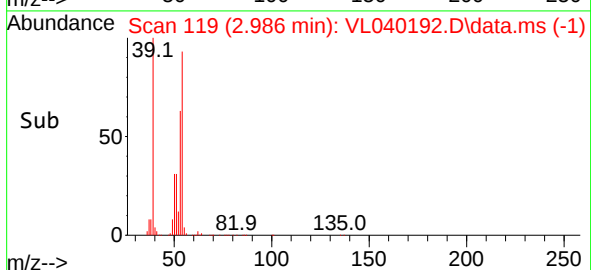
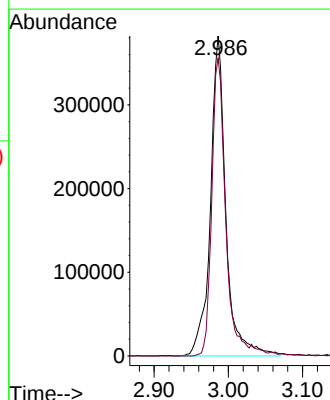
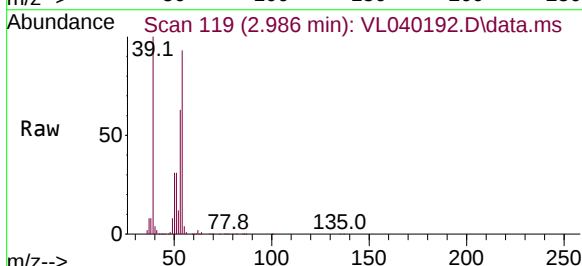
Acq: 21 Feb 2023 12:09

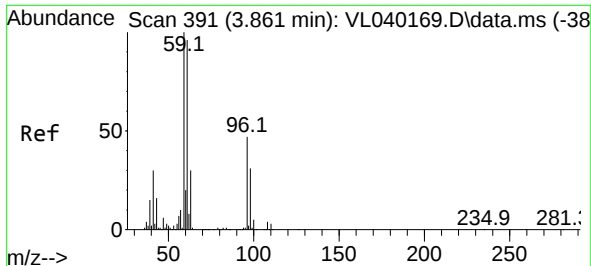
Tgt Ion: 39 Resp: 553261

Ion Ratio Lower Upper

39 100

54 85.1 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.889 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1104058

Ion Ratio Lower Upper

59 100

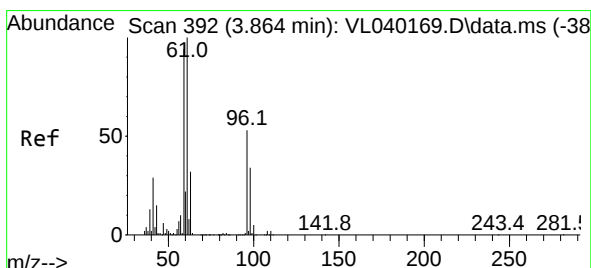
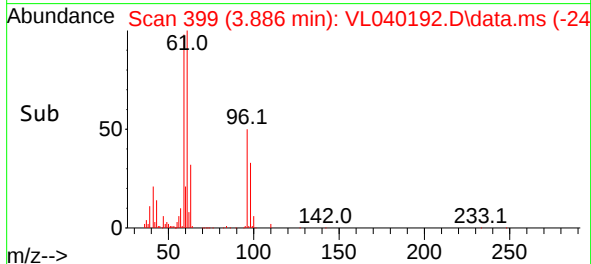
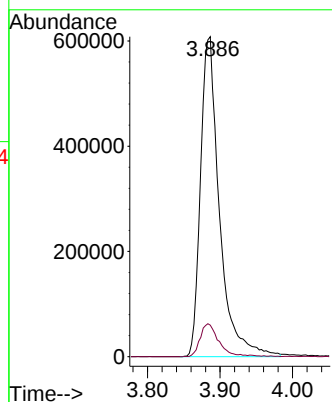
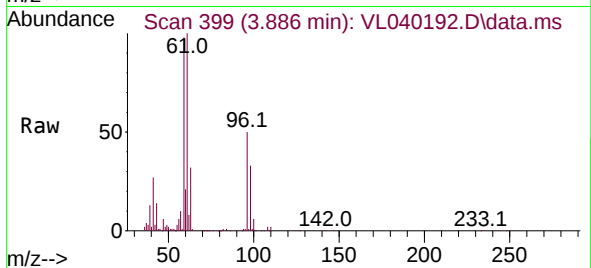
57 10.4 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#18

1,1-Dichloroethene

Concen: 9.430 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

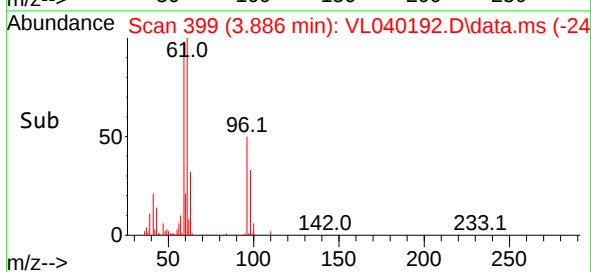
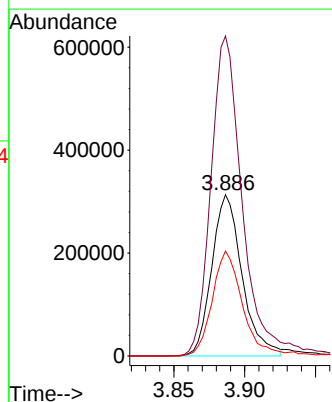
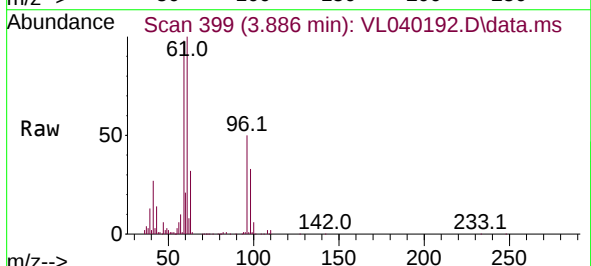
Tgt Ion: 96 Resp: 466816

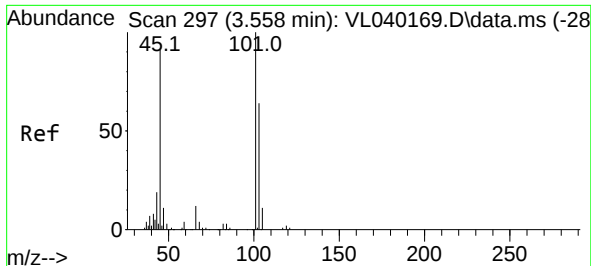
Ion Ratio Lower Upper

96 100

61 198.1 149.6 224.4

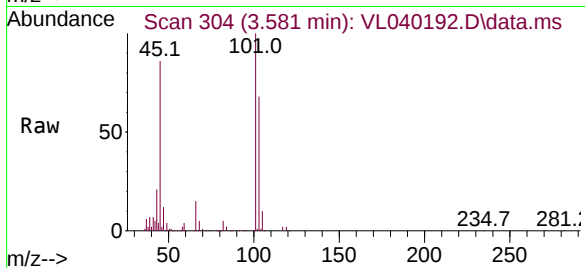
98 65.0 51.1 76.7





#19
Isopropyl Alcohol
Concen: 9.486 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

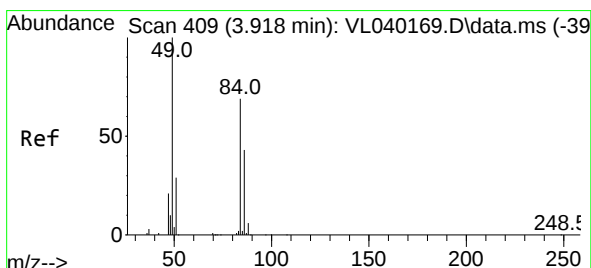
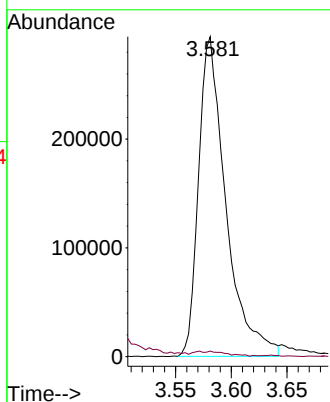
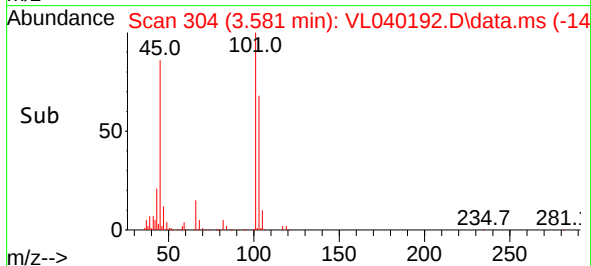
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



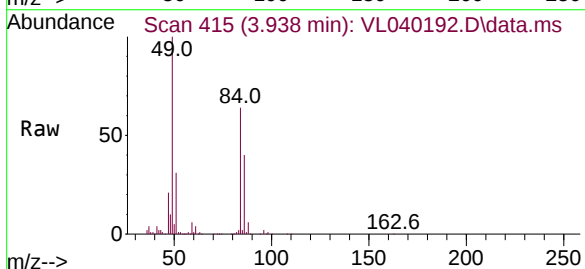
Tgt Ion: 45 Resp: 501354
Ion Ratio Lower Upper
45 100
58 2.7 2.6 3.8

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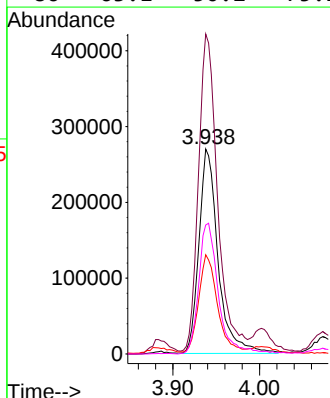
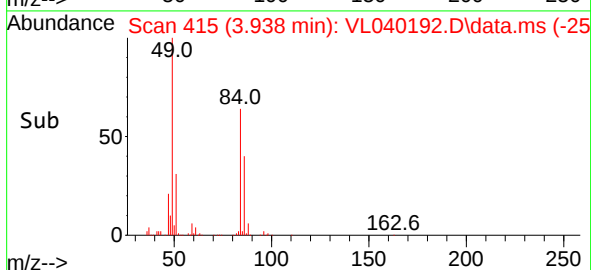
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

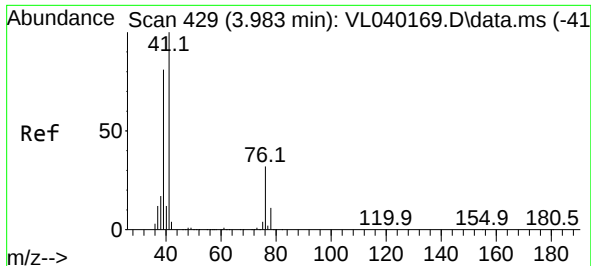


#20
Methylene Chloride
Concen: 7.187 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



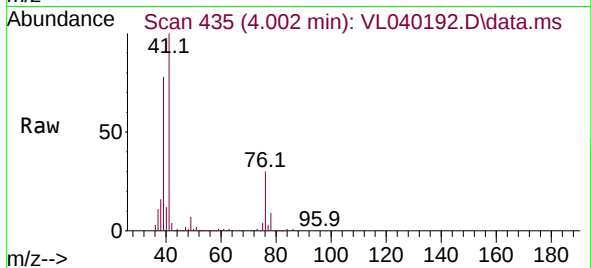
Tgt Ion: 84 Resp: 415939
Ion Ratio Lower Upper
84 100
49 155.2 115.5 173.3
51 47.6 33.1 49.7
86 63.1 50.2 75.2





#21
 Allyl Chloride
 Concen: 11.263 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

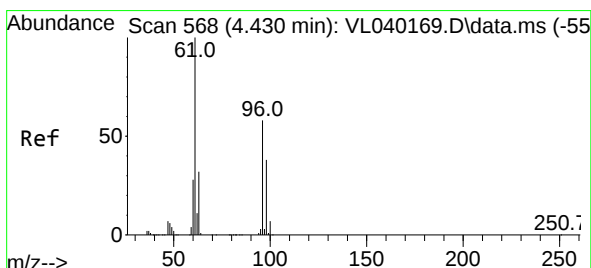
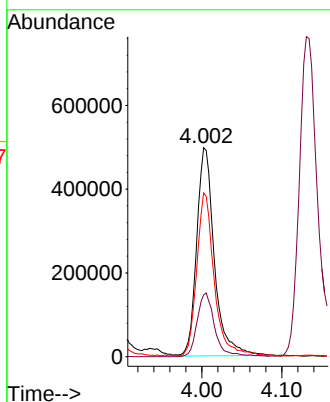
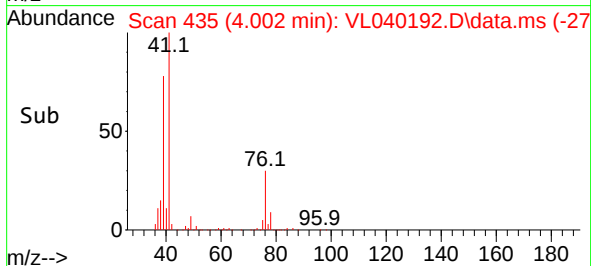
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 768030
 Ion Ratio Lower Upper
 41 100
 76 30.4 25.5 38.3
 39 77.7 64.5 96.7

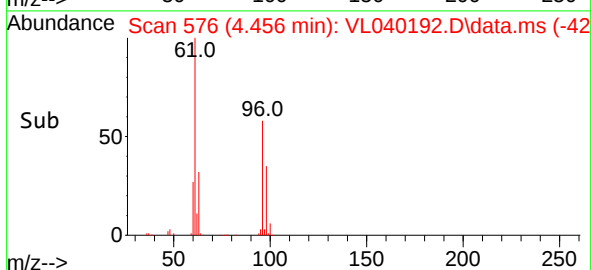
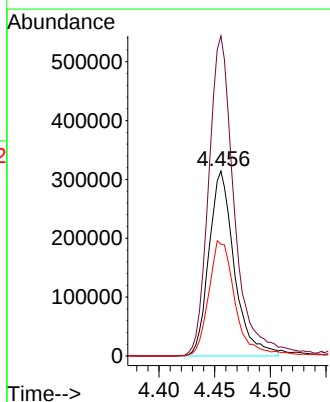
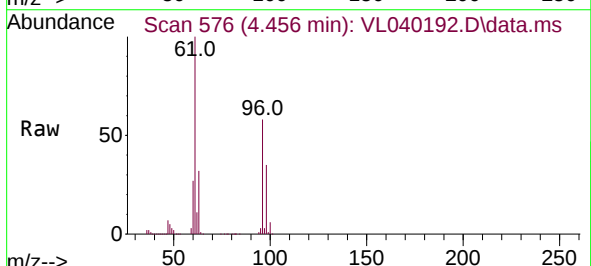
Manual Integrations
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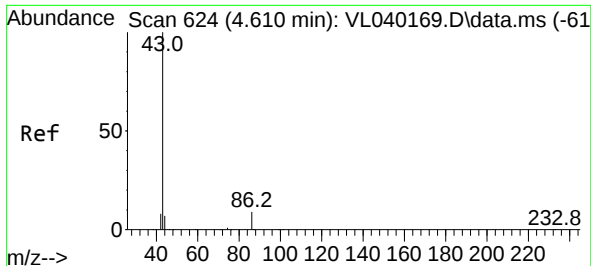
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.720 ppbv
 RT: 4.456 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

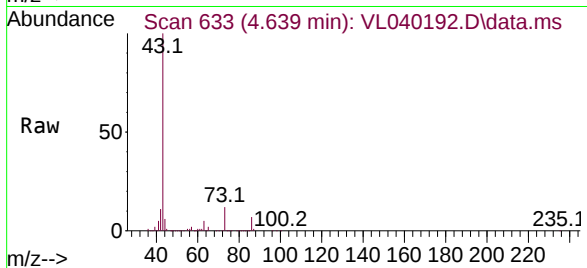
Tgt Ion: 96 Resp: 498214
 Ion Ratio Lower Upper
 96 100
 61 173.0 137.5 206.3
 98 60.5 52.8 79.2





#23
 Vinyl Acetate
 Concen: 10.717 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

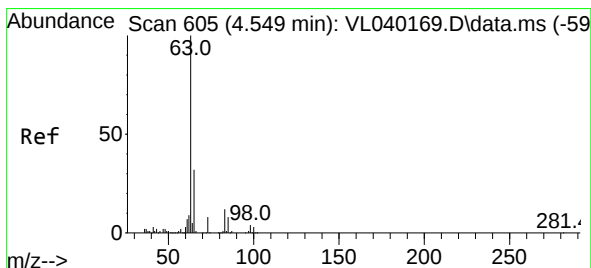
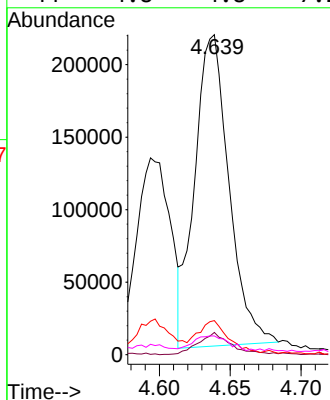
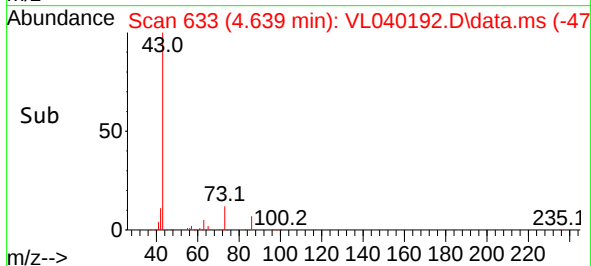
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



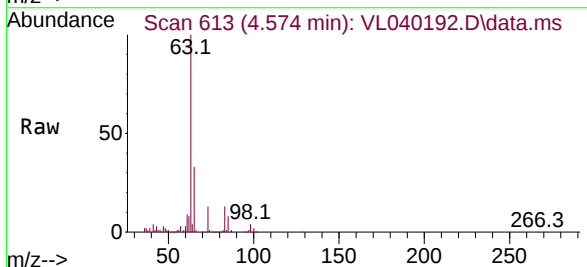
Tgt Ion: 43 Resp: 361609
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.6 8.4
 42 10.6 7.6 11.4
 44 4.8 4.8 7.2#

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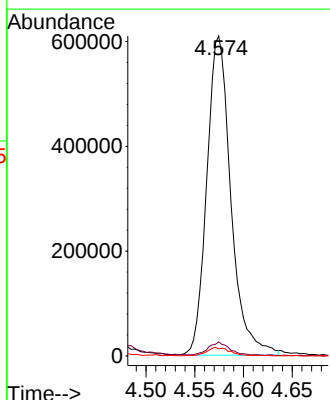
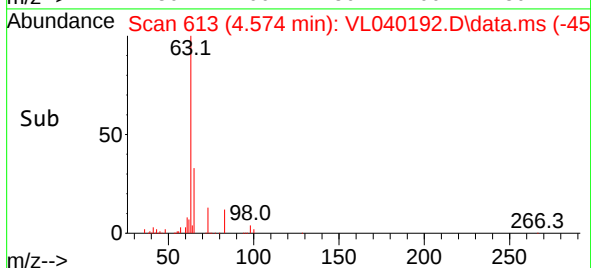
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

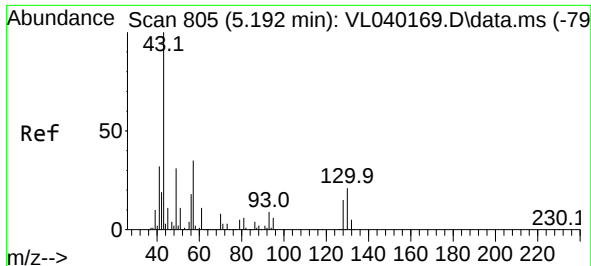


#24
 1,1-Dichloroethane
 Concen: 9.933 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09



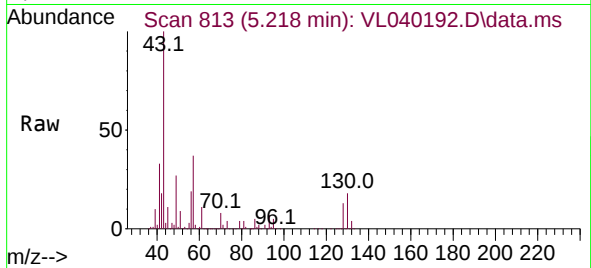
Tgt Ion: 63 Resp: 1047639
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.3 6.8
 100 2.2 1.4 4.0





#25
Ethyl Acetate
Concen: 10.692 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

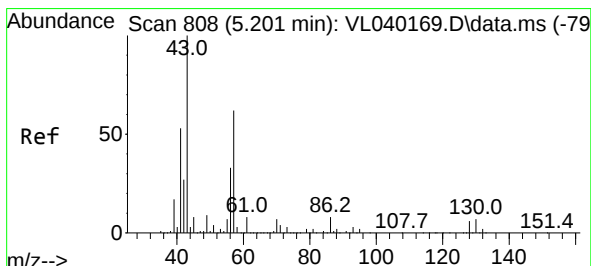
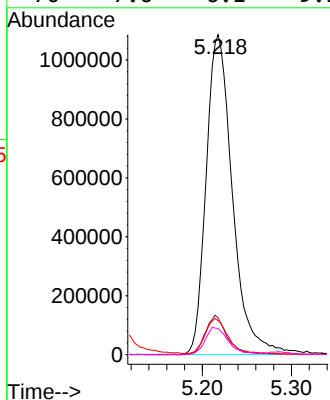
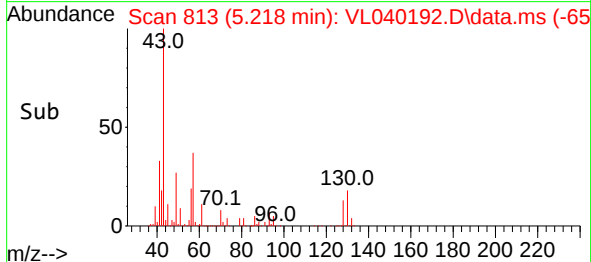
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



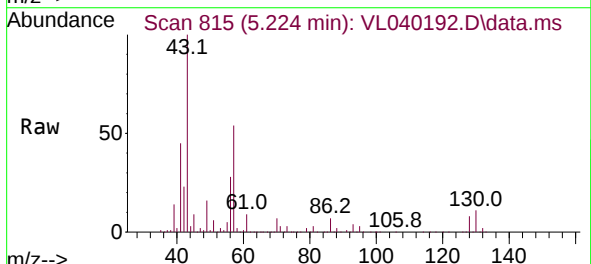
Tgt Ion: 43 Resp: 2209830
Ion Ratio Lower Upper
43 100
45 10.5 8.3 12.5
61 10.8 8.4 12.6
70 7.6 6.1 9.1

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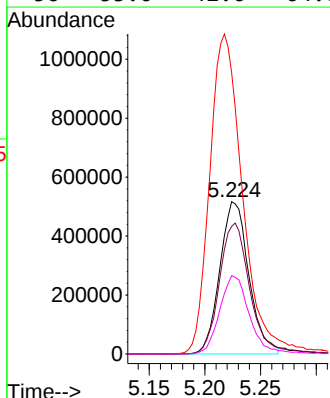
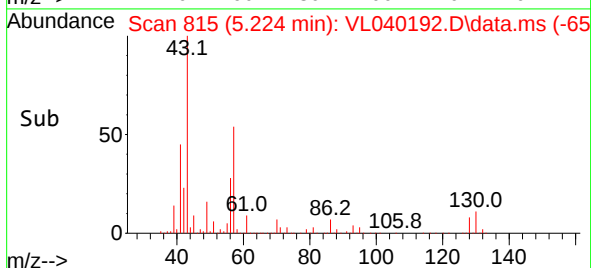
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

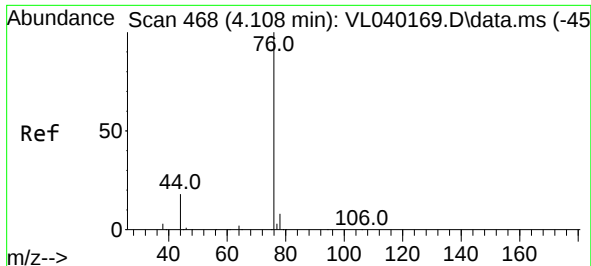


#26
Hexane
Concen: 10.562 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



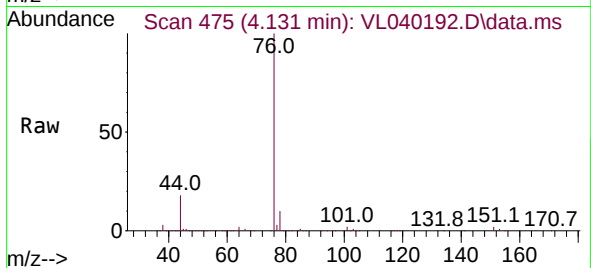
Tgt Ion: 57 Resp: 937151
Ion Ratio Lower Upper
57 100
41 91.2 74.3 111.5
43 240.0 193.0 289.4
56 53.0 42.6 64.0





#27
Carbon Disulfide
Concen: 11.327 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

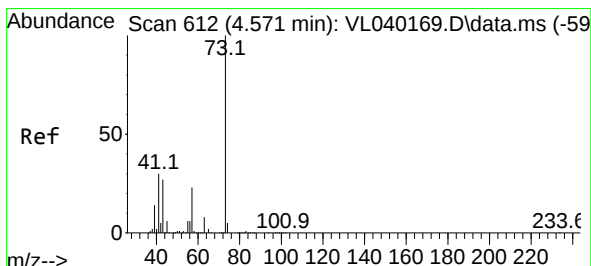
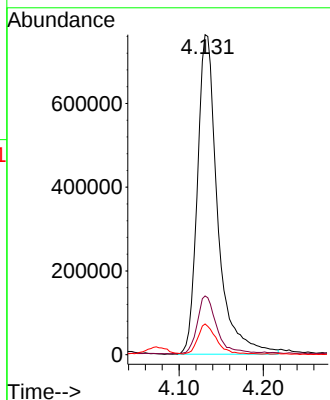
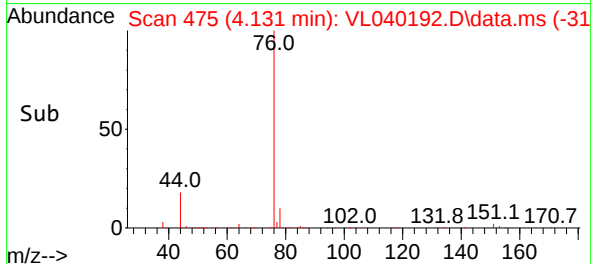
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



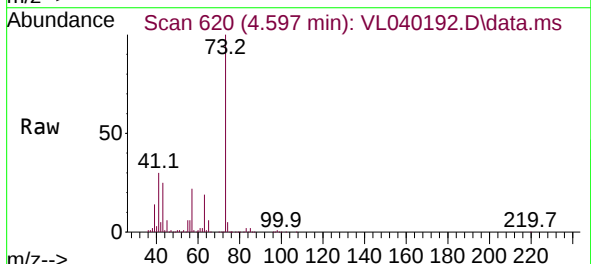
Tgt Ion: 76 Resp: 1275298
Ion Ratio Lower Upper
76 100
44 17.8 15.3 22.9
78 9.2 7.7 11.5

Manual Integrations
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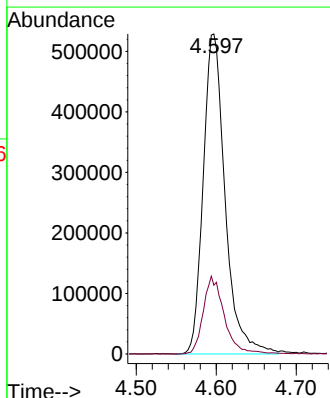
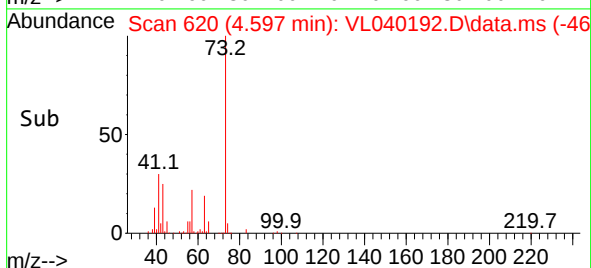
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

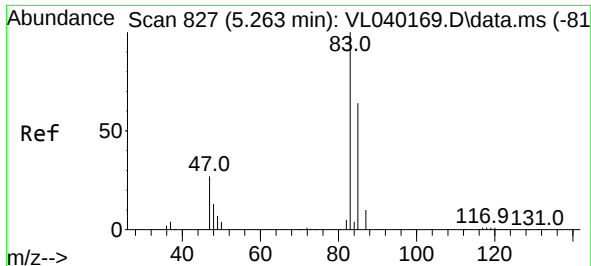


#28
Methyl tert-Butyl Ether
Concen: 10.594 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



Tgt Ion: 73 Resp: 1007171
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2





#29

Chloroform

Concen: 9.659 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 147155

Ion Ratio Lower Upper

83 100

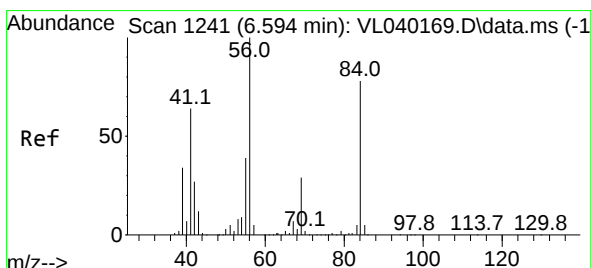
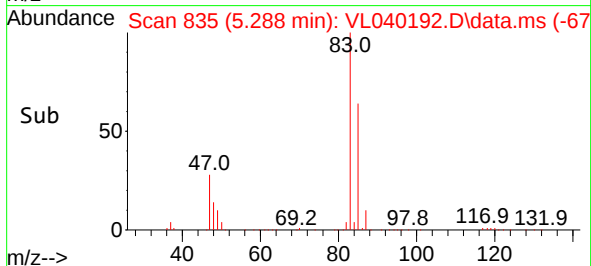
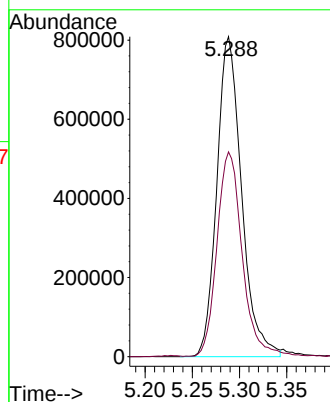
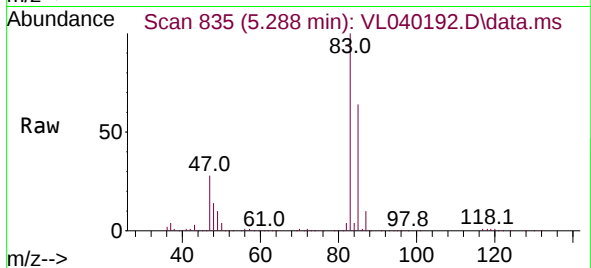
85 63.8 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Cyclohexane

Concen: 11.959 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

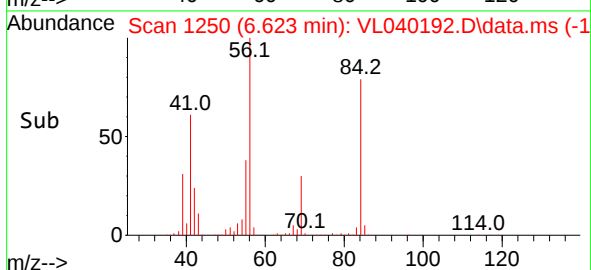
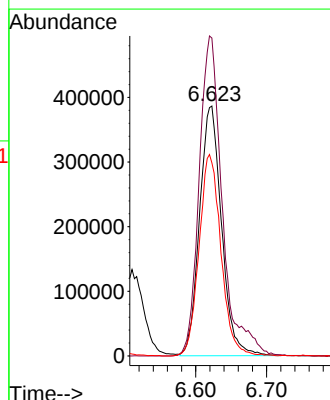
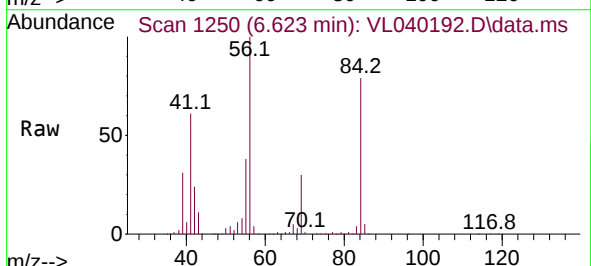
Tgt Ion: 84 Resp: 833162

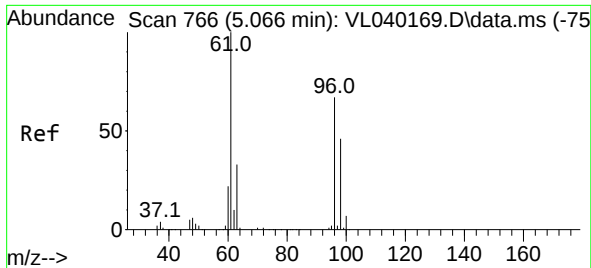
Ion Ratio Lower Upper

84 100

56 135.1 109.9 164.9

41 80.5 67.8 101.6





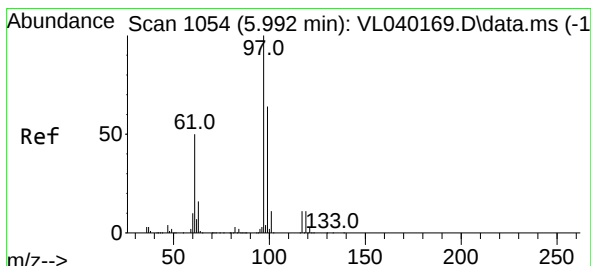
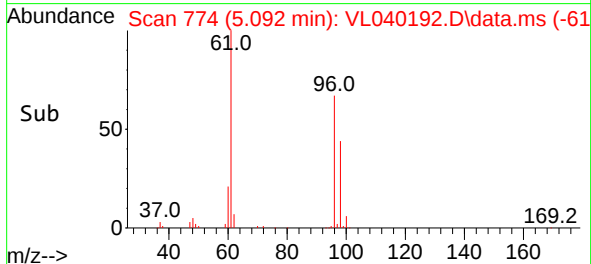
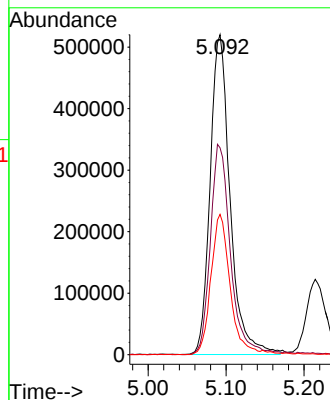
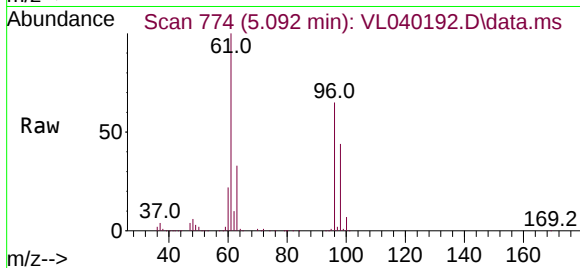
#31
 cis-1,2-Dichloroethene
 Concen: 10.960 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 92394
 Ion Ratio Lower Upper
 61 100
 96 64.6 53.7 80.5
 98 43.8 36.4 54.6

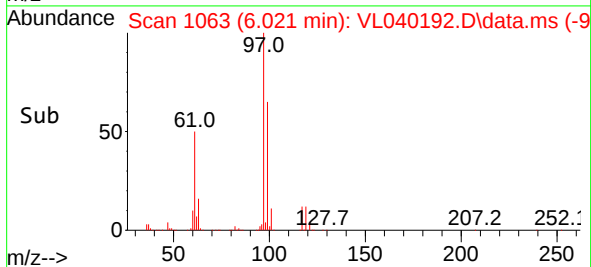
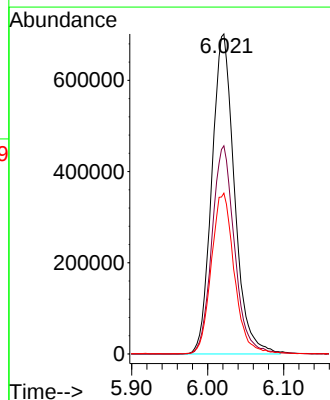
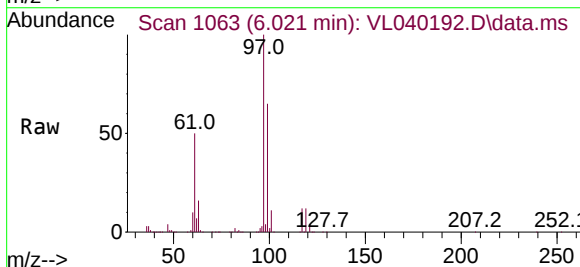
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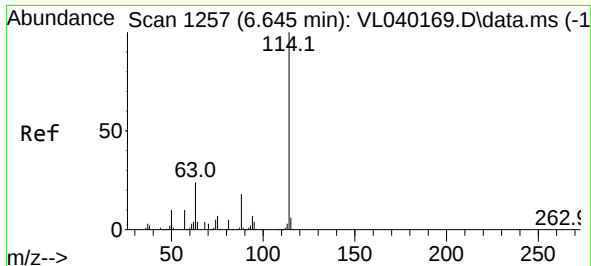
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.146 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

Tgt Ion: 97 Resp: 1452340
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.5 77.3
 61 51.0 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 248252

Ion Ratio Lower Upper

114 100

63 24.8 20.4 30.6

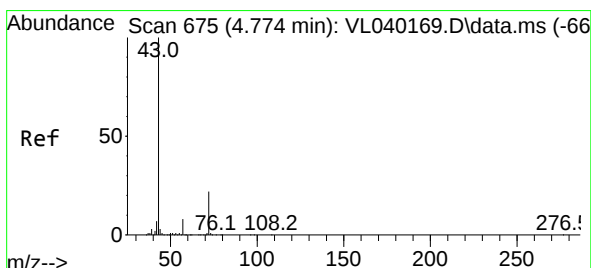
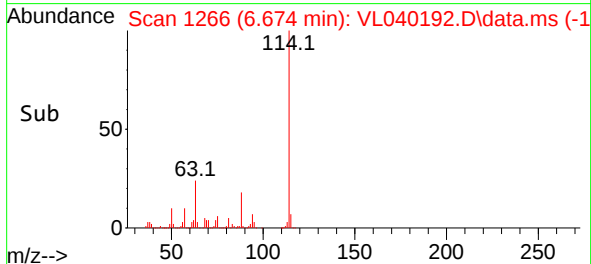
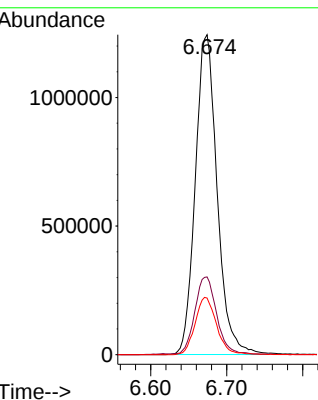
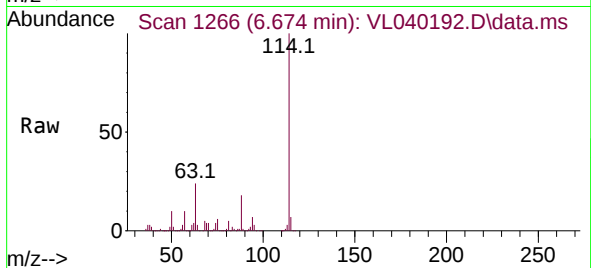
88 17.7 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

2-Butanone

Concen: 9.614 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL040192.D

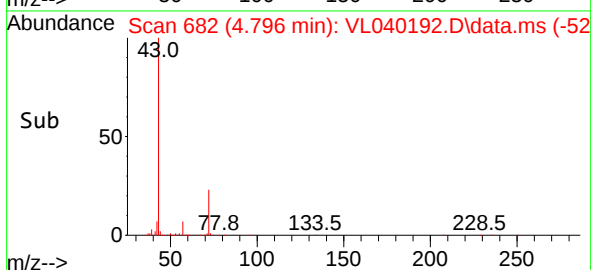
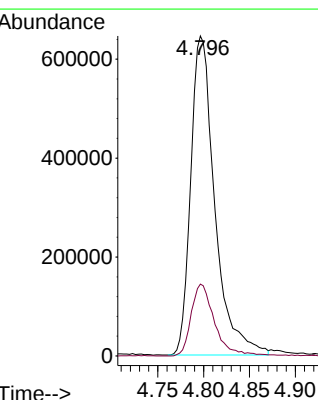
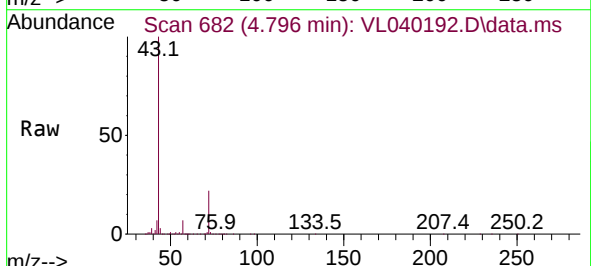
Acq: 21 Feb 2023 12:09

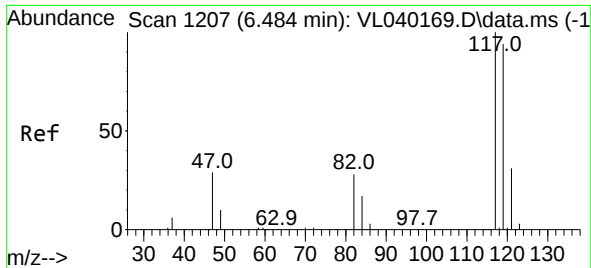
Tgt Ion: 43 Resp: 1177267

Ion Ratio Lower Upper

43 100

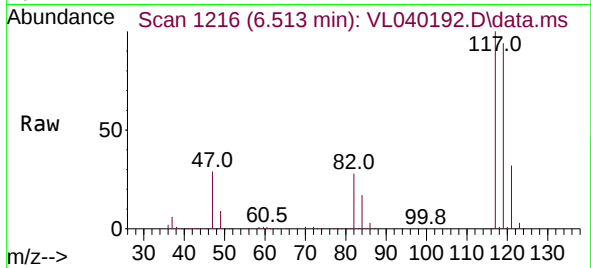
72 22.1 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.227 ppbv
RT: 6.513 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

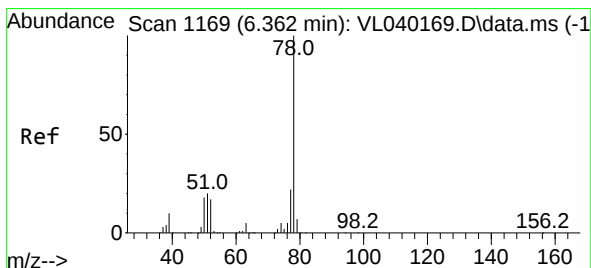
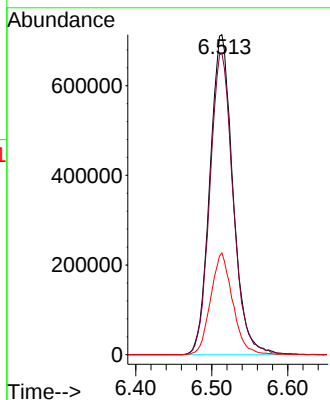
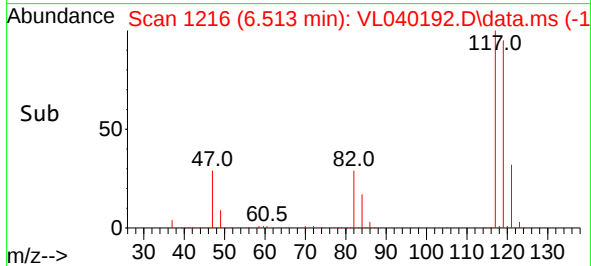
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 1500870
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
121 31.8 25.0 37.4

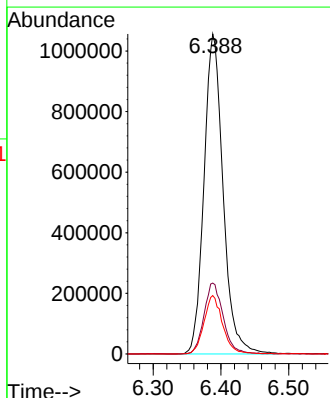
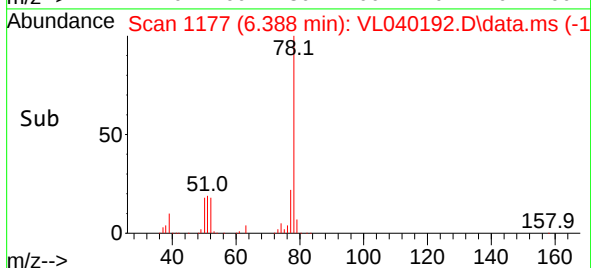
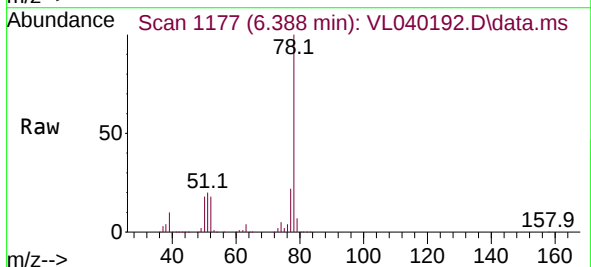
Manual Integrations
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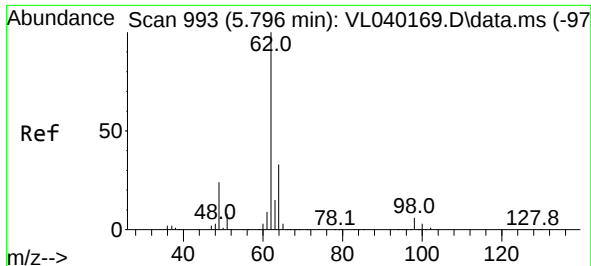
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
Benzene
Concen: 10.710 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

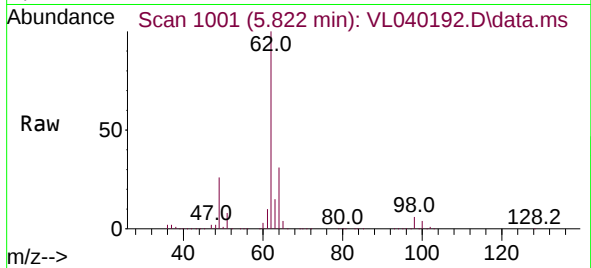
Tgt Ion: 78 Resp: 2069203
Ion Ratio Lower Upper
78 100
77 22.1 17.5 26.3
50 18.2 14.6 22.0





#37
1,2-Dichloroethane
Concen: 9.218 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

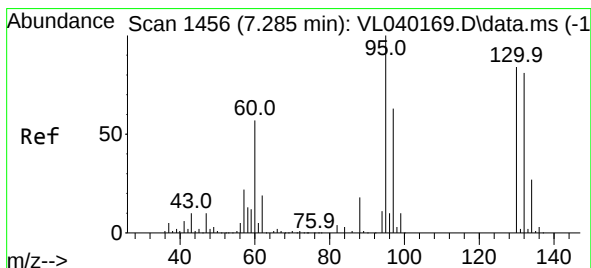
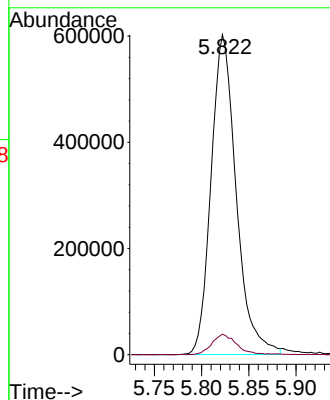
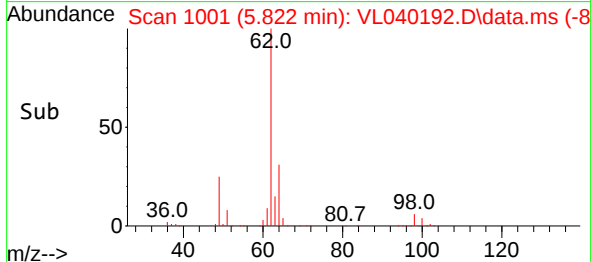
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 111384
Ion Ratio Lower Upper
62 100
98 6.5 4.7 7.1

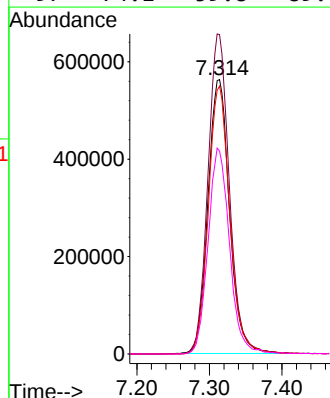
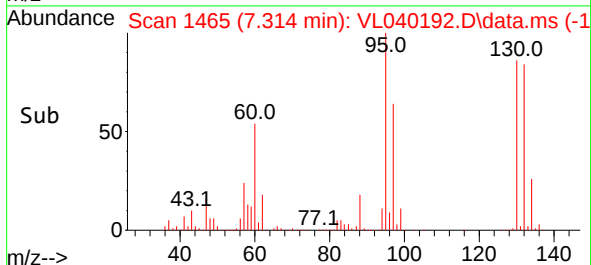
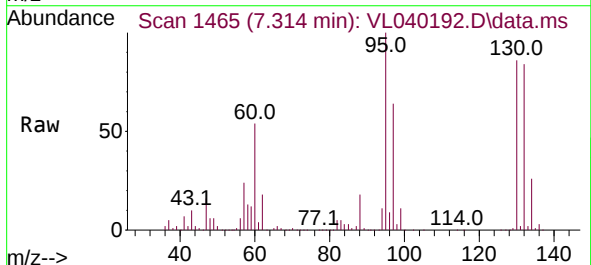
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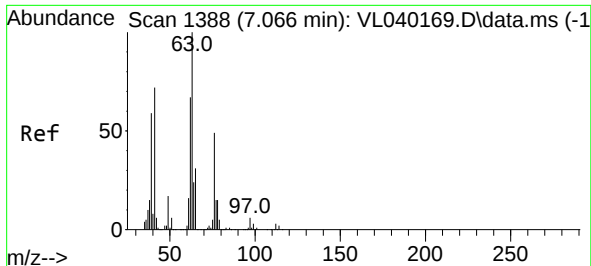
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Trichloroethene
Concen: 10.940 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion:130 Resp: 1164654
Ion Ratio Lower Upper
130 100
95 116.6 94.7 142.1
132 97.8 76.4 114.6
97 74.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.511 ppbv

RT: 7.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

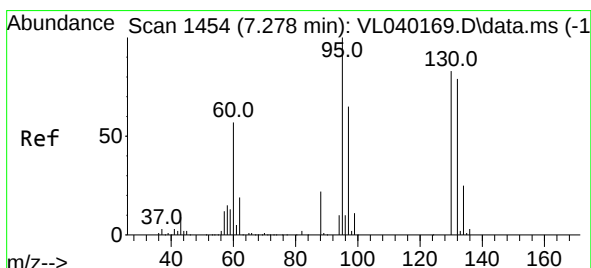
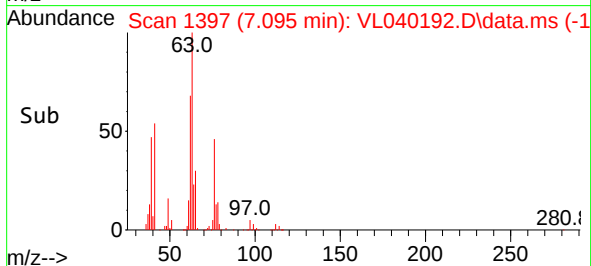
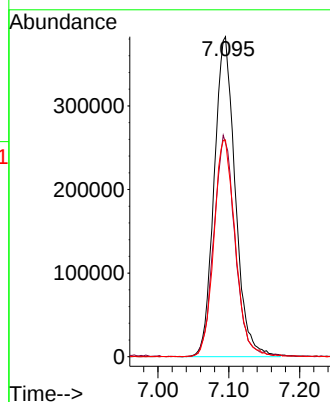
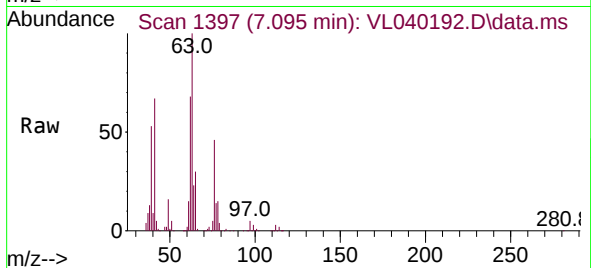
Tgt Ion: 63 Resp: 789990

Ion	Ratio	Lower	Upper
63	100		
41	66.7	57.6	86.4
62	67.6	54.0	81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#40

1,4-Dioxane

Concen: 9.150 ppbv

RT: 7.308 min Scan# 1463

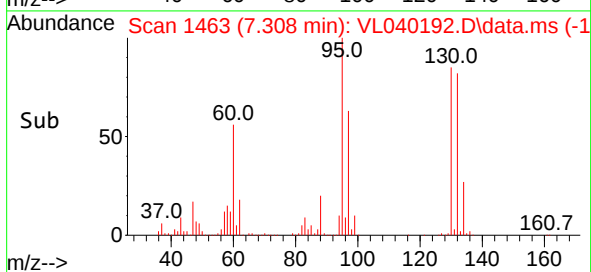
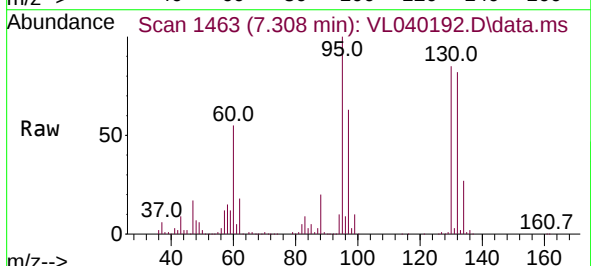
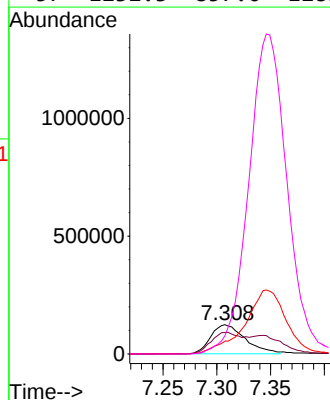
Delta R.T. 0.000 min

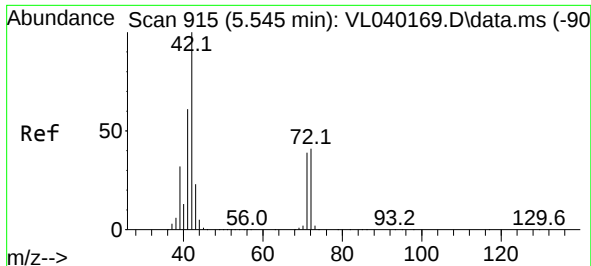
Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Tgt Ion: 88 Resp: 275088

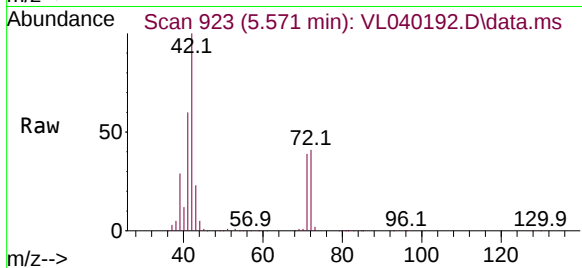
Ion	Ratio	Lower	Upper
88	100		
58	130.0	97.4	146.0
43	264.4	193.5	290.3
57	1232.3	857.0	1285.6





#41
Tetrahydrofuran
Concen: 11.417 ppbv
RT: 5.571 min Scan# 915
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

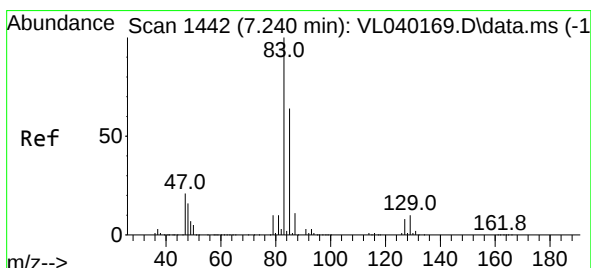
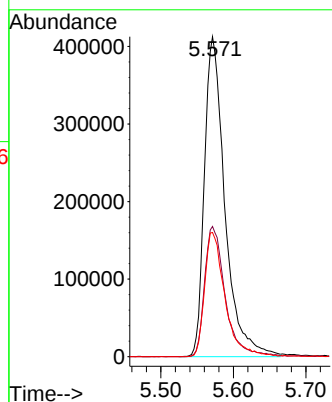
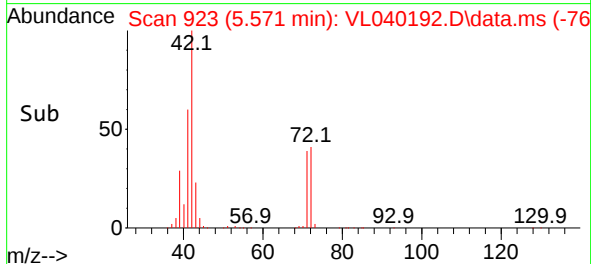
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



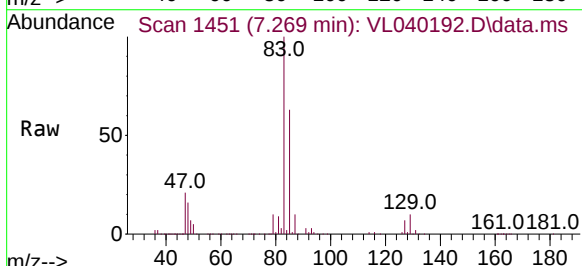
Tgt Ion: 42 Resp: 81024
Ion Ratio Lower Upper
42 100
72 40.9 33.0 49.4
71 39.0 31.4 47.2

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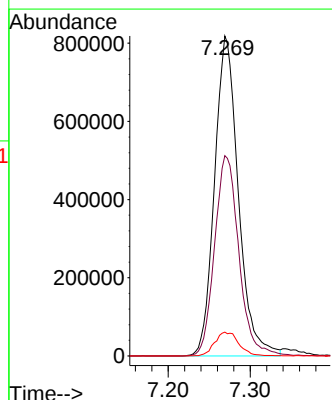
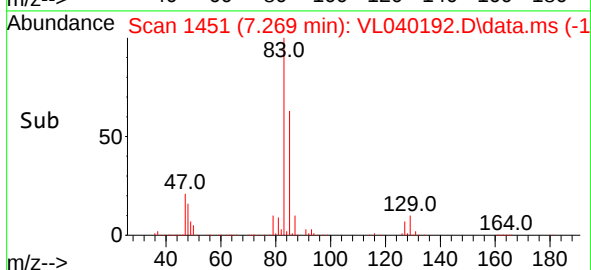
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

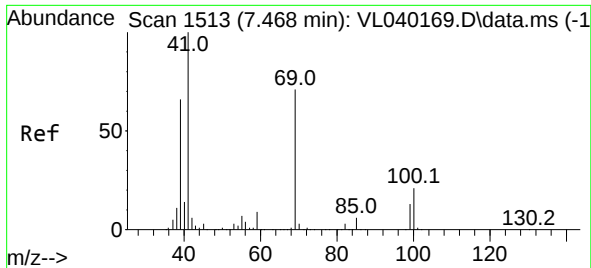


#42
Bromodichloromethane
Concen: 9.919 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



Tgt Ion: 83 Resp: 1654168
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 7.5 6.2 9.2





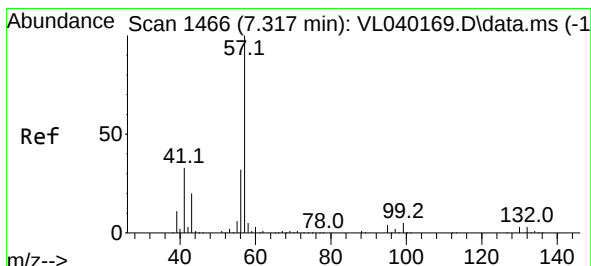
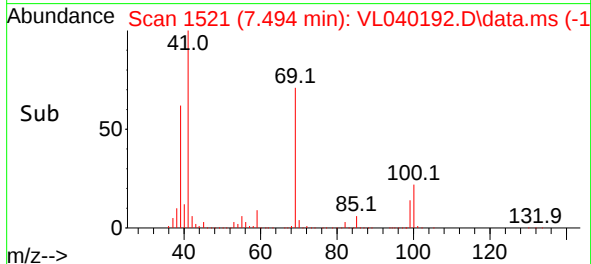
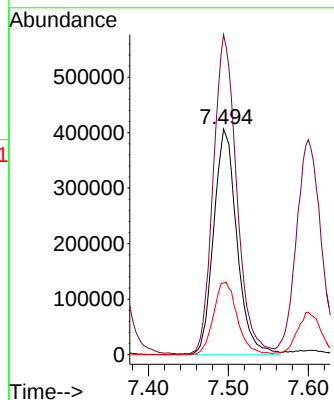
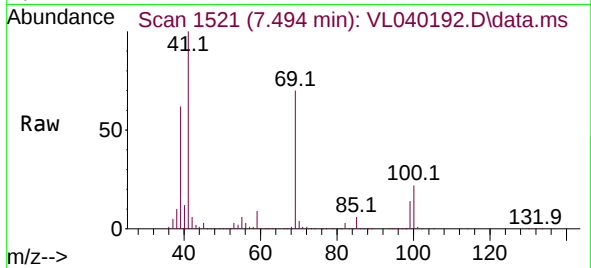
#43
Methyl Methacrylate
Concen: 11.456 ppbv
RT: 7.494 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 81895
Ion Ratio Lower Upper
69 100
41 142.8 116.6 174.8
100 33.0 25.6 38.4

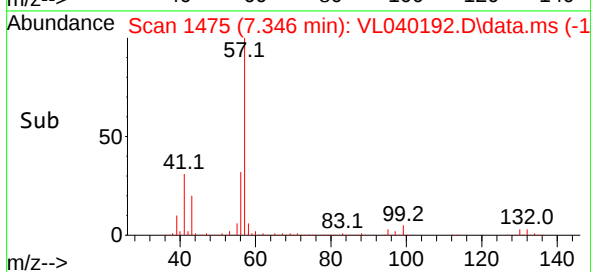
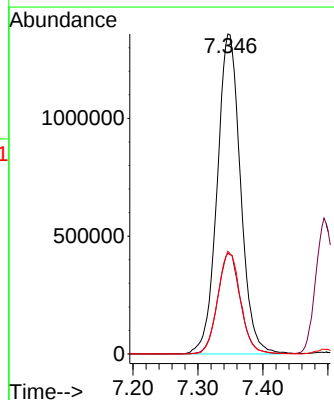
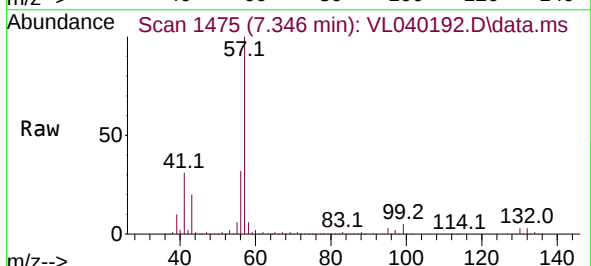
Manual Integrations
APPROVED

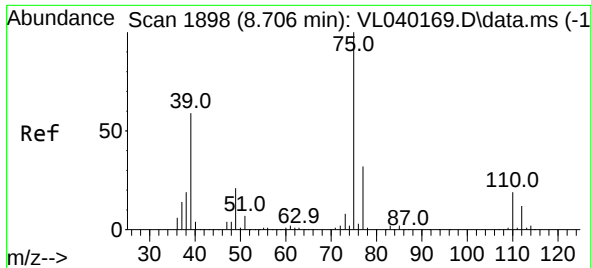
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
2,2,4-Trimethylpentane
Concen: 10.479 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion: 57 Resp: 3379467
Ion Ratio Lower Upper
57 100
41 31.0 26.2 39.4
56 31.2 24.9 37.3





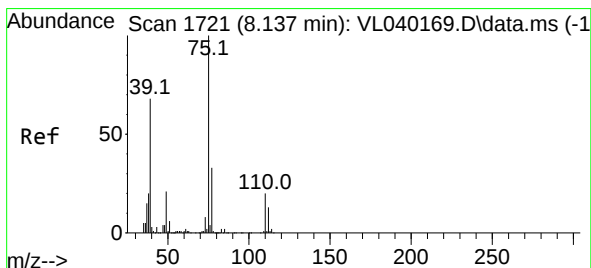
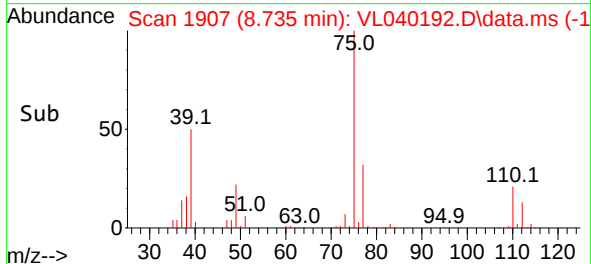
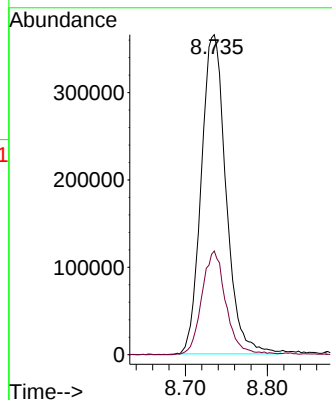
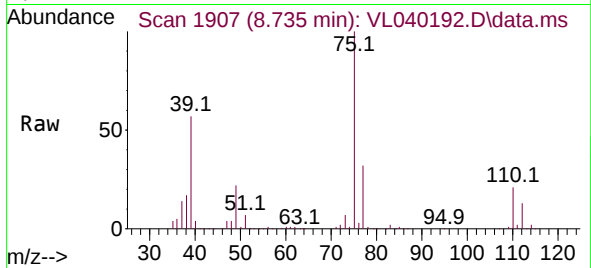
#45
t-1,3-Dichloropropene
Concen: 12.073 ppbv
RT: 8.735 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 765550
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

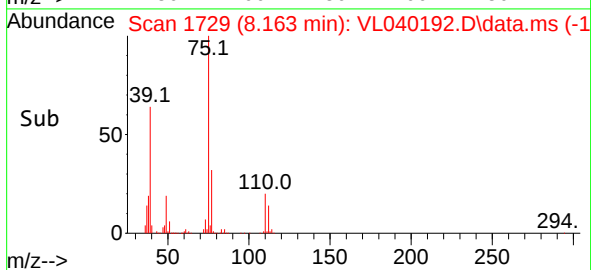
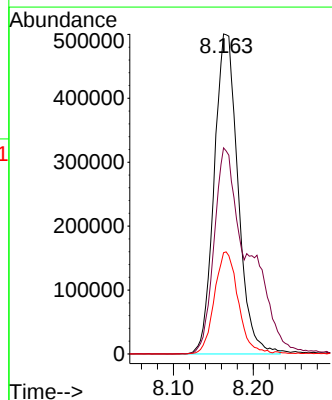
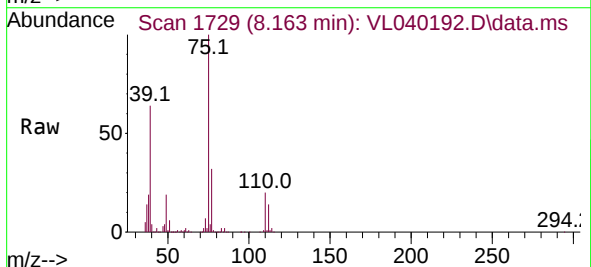
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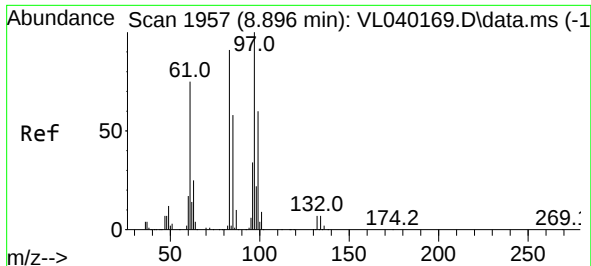
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#46
cis-1,3-Dichloropropene
Concen: 11.712 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

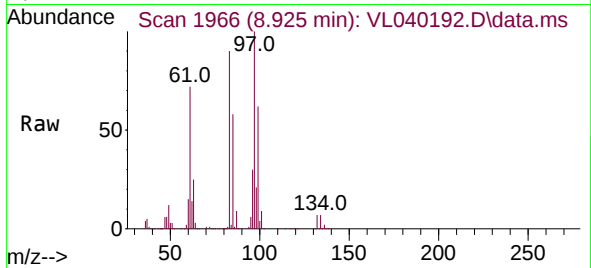
Tgt Ion: 75 Resp: 1034631
Ion Ratio Lower Upper
75 100
39 64.3 54.2 81.2
77 31.7 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 10.114 ppbv
RT: 8.925 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

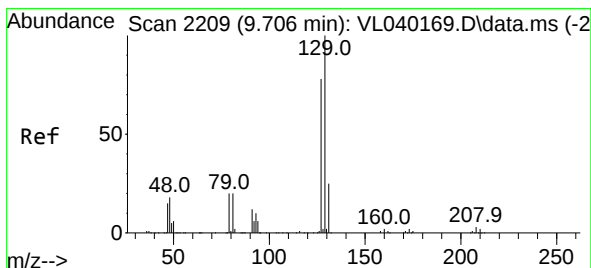
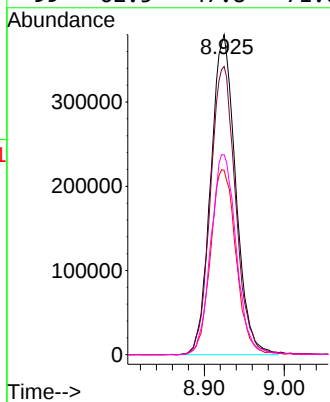
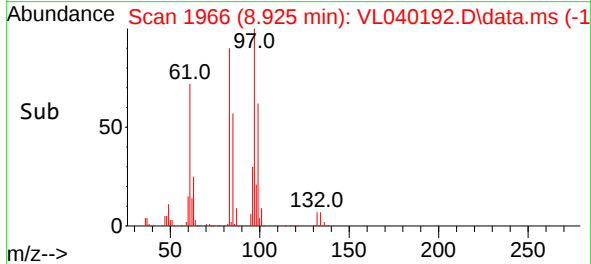
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 822152
Ion Ratio Lower Upper
97 100
83 90.0 72.8 109.2
85 57.6 46.6 69.8
99 62.5 47.8 71.6

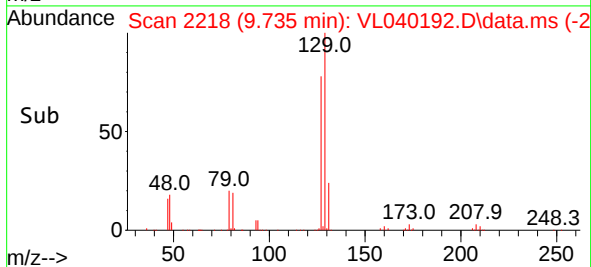
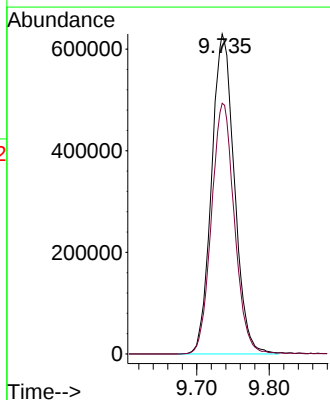
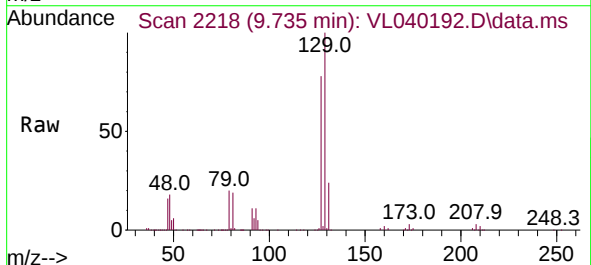
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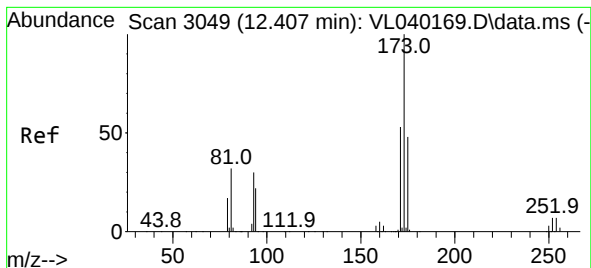
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#48
Dibromochloromethane
Concen: 10.576 ppbv
RT: 9.735 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion:129 Resp: 1375112
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#49

Bromoform

Concen: 10.942 ppbv

RT: 12.436 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 111040

Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.0

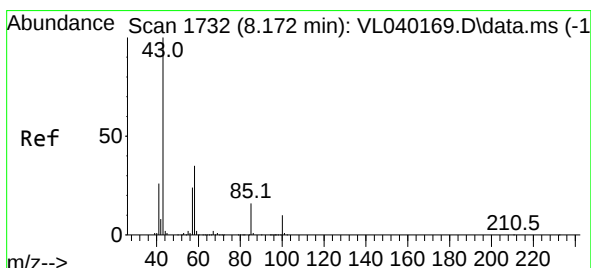
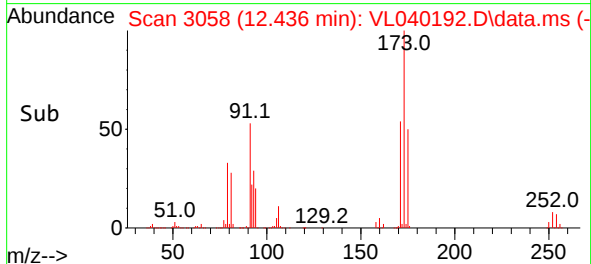
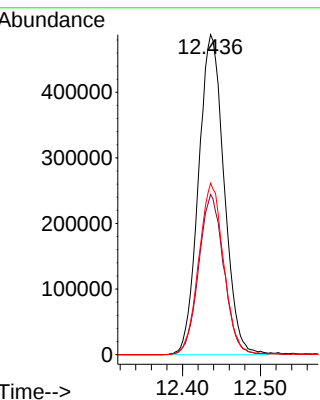
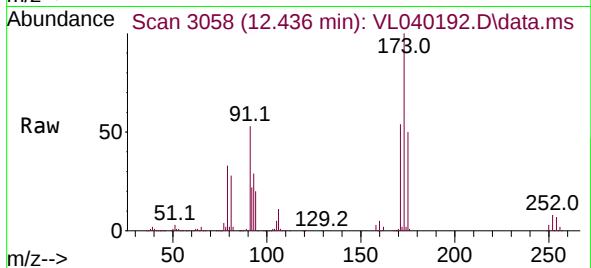
171 52.4 41.8 62.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

4-Methyl-2-Pentanone

Concen: 10.844 ppbv

RT: 8.201 min Scan# 1741

Delta R.T. 0.000 min

Lab File: VL040192.D

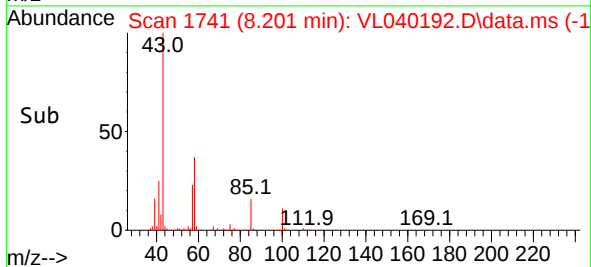
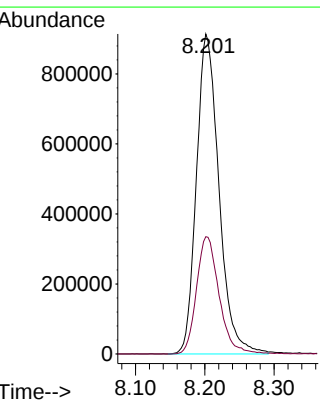
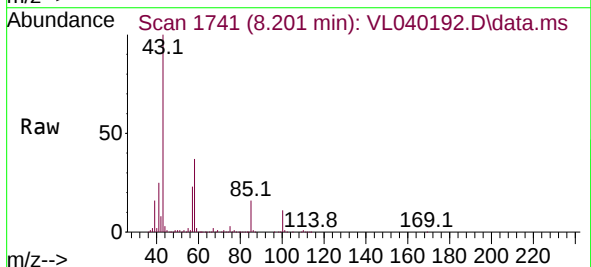
Acq: 21 Feb 2023 12:09

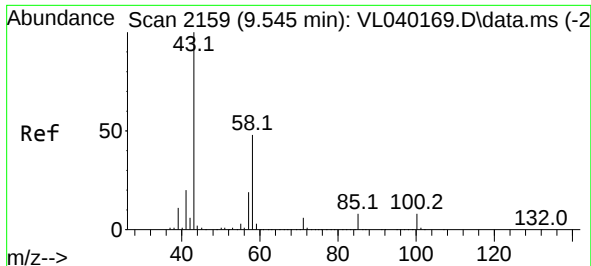
Tgt Ion: 43 Resp: 2061951

Ion Ratio Lower Upper

43 100

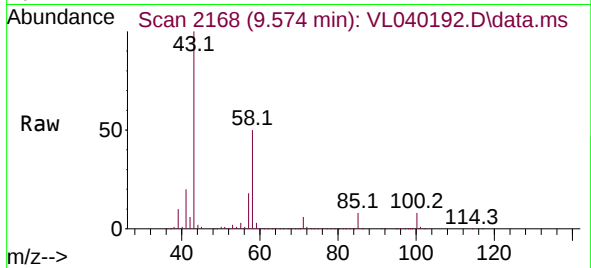
58 37.0 29.2 43.8





#51
2-Hexanone
Concen: 10.969 ppbv
RT: 9.574 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

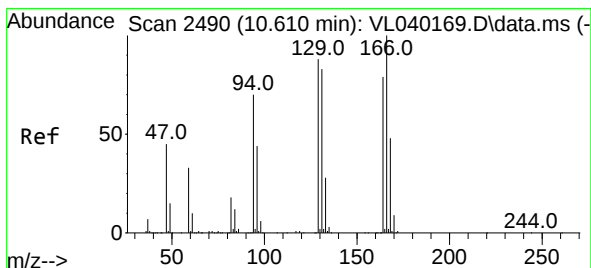
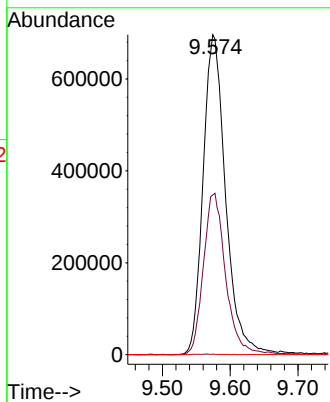
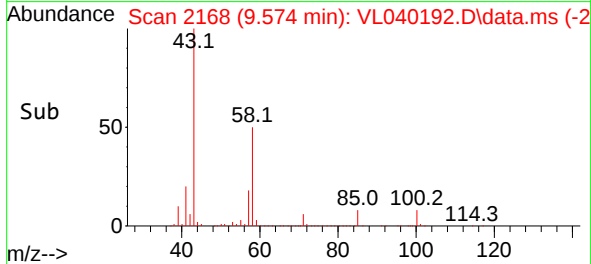
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 160409
Ion Ratio Lower Upper
43 100
58 50.2 39.1 58.7
98 0.2 0.2 0.4

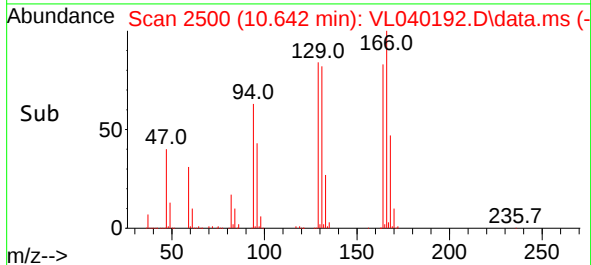
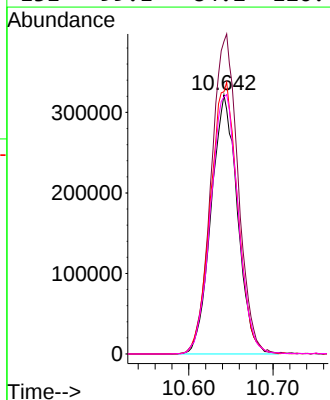
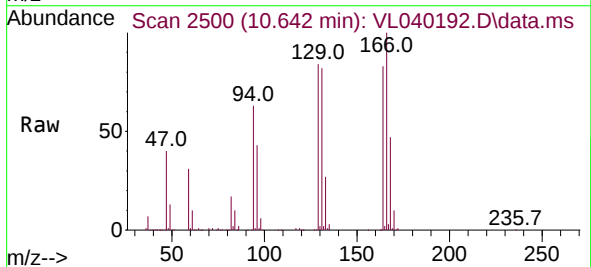
Manual Integrations
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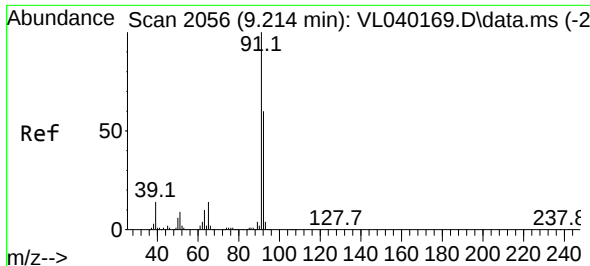
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Tetrachloroethene
Concen: 11.530 ppbv
RT: 10.642 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

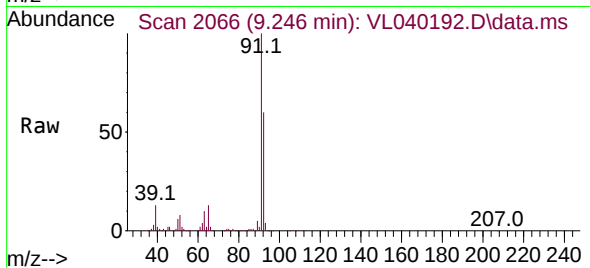
Tgt Ion:164 Resp: 695593
Ion Ratio Lower Upper
164 100
166 120.5 101.5 152.3
129 101.1 89.0 133.4
131 99.1 84.2 126.4





#53
Toluene
Concen: 11.341 ppbv
RT: 9.246 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

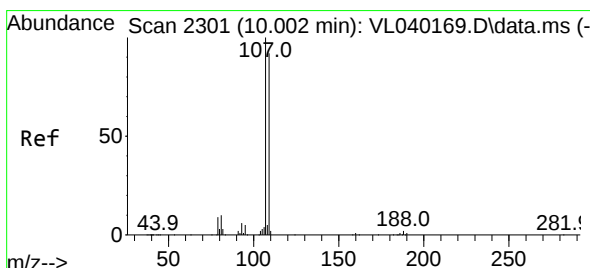
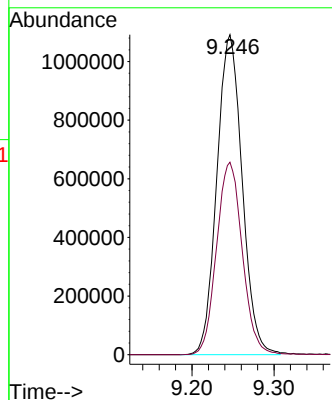
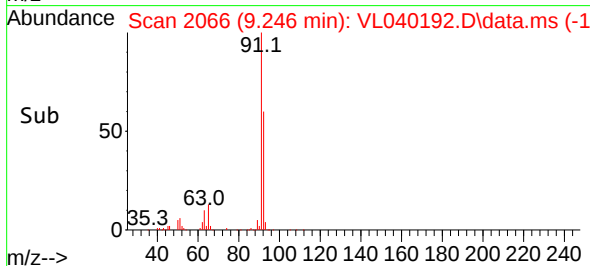
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



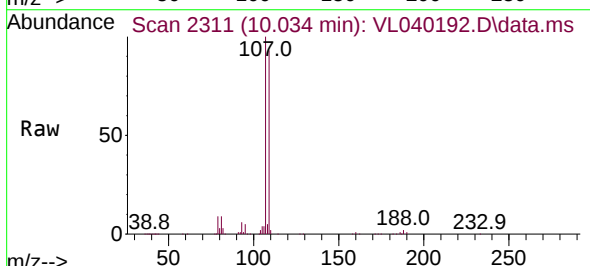
Tgt Ion: 91 Resp: 234670
Ion Ratio Lower Upper
91 100
92 61.2 48.9 73.3

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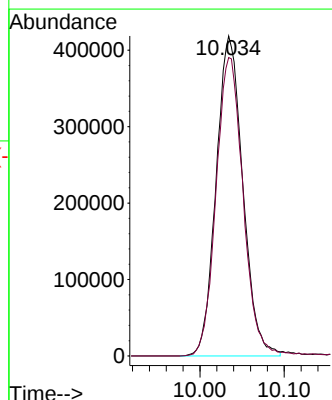
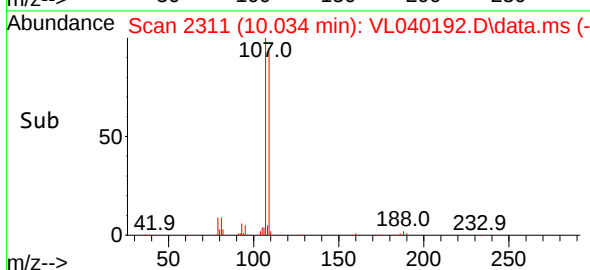
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

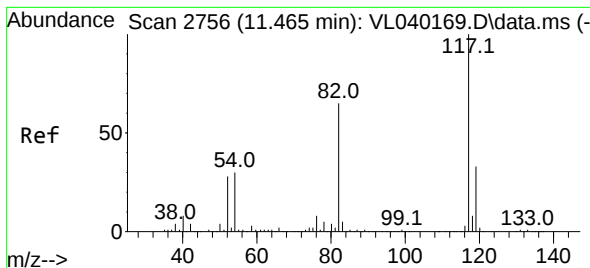


#54
1,2-Dibromoethane
Concen: 10.858 ppbv
RT: 10.034 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



Tgt Ion:107 Resp: 918330
Ion Ratio Lower Upper
107 100
109 93.2 73.8 110.8





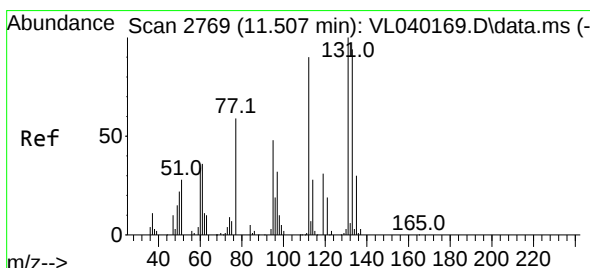
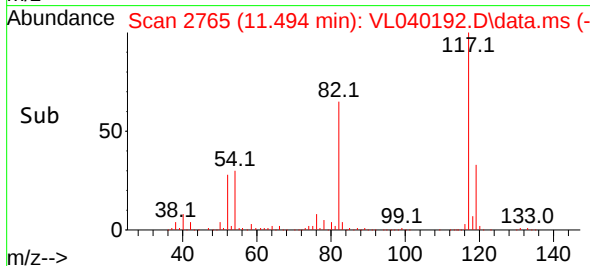
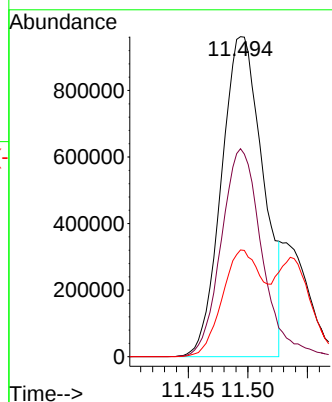
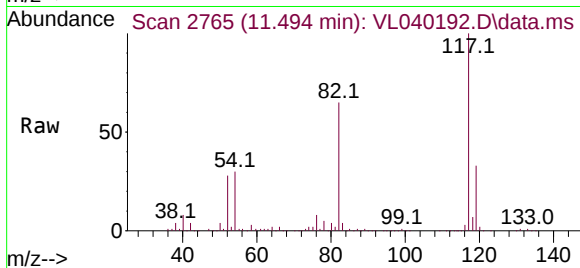
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.494 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2347068
Ion Ratio Lower Upper
117 100
82 63.8 53.3 79.9
119 29.5 24.6 37.0

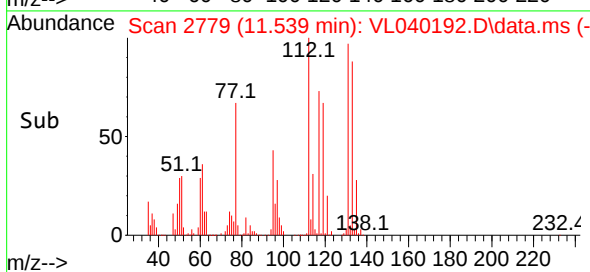
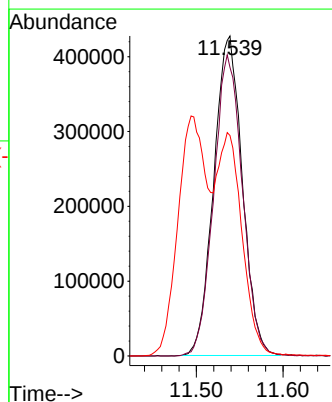
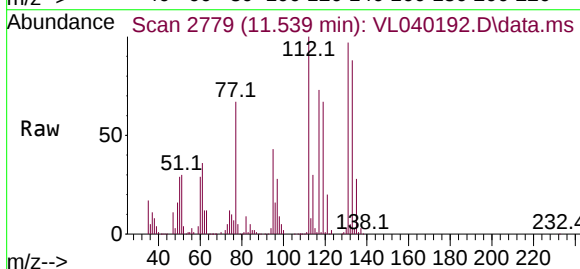
Manual Integrations
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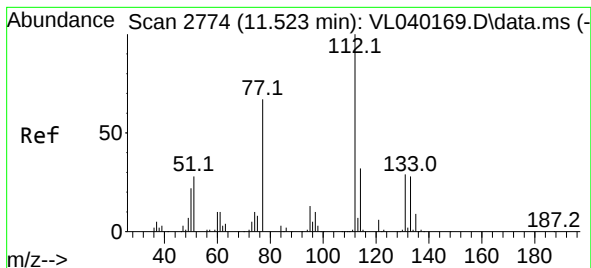
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.931 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

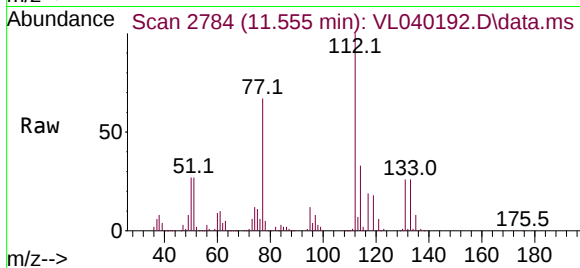
Tgt Ion:131 Resp: 978387
Ion Ratio Lower Upper
131 100
133 94.9 76.2 114.2
119 61.1 45.4 68.0





#57
Chlorobenzene
Concen: 10.194 ppbv
RT: 11.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

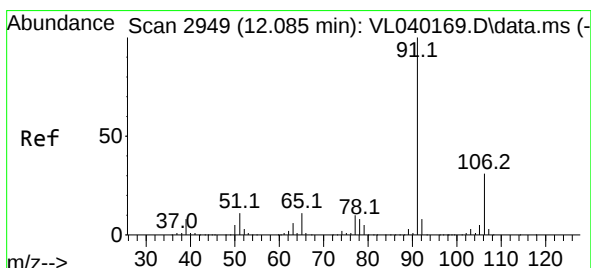
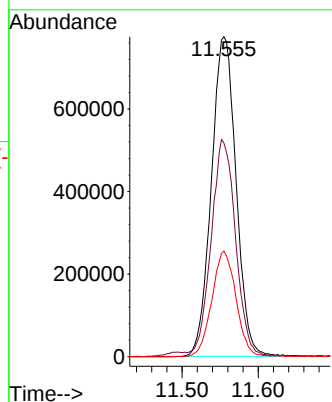
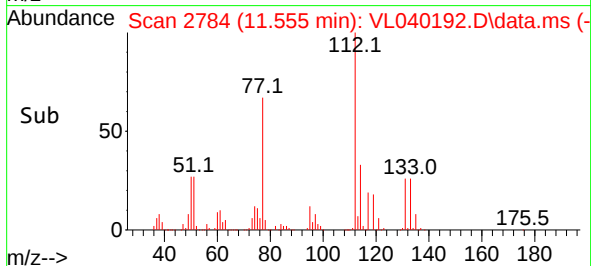
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 174807
Ion Ratio Lower Upper
112 100
77 66.6 55.0 82.4
114 33.0 29.0 35.4

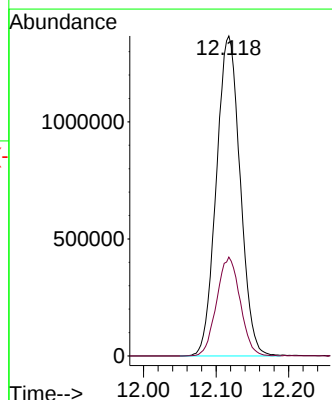
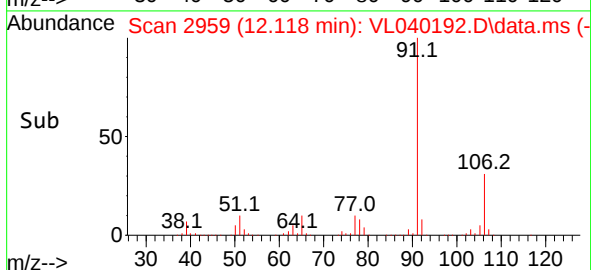
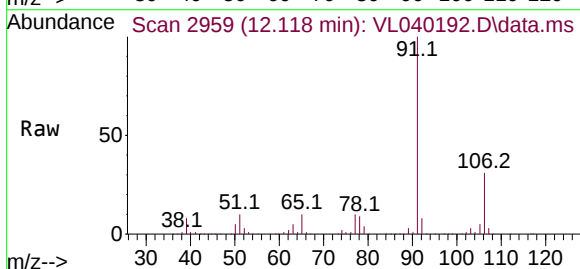
Manual Integrations
APPROVED

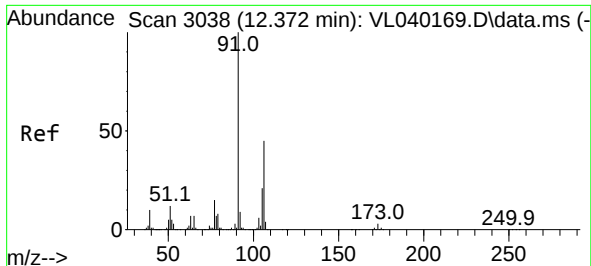
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
Ethyl Benzene
Concen: 10.931 ppbv
RT: 12.118 min Scan# 2959
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion: 91 Resp: 3117117
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3





#59

m/p-Xylene

Concen: 20.585 ppbv m

RT: 12.397 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 519936

Ion Ratio Lower Upper

91 100

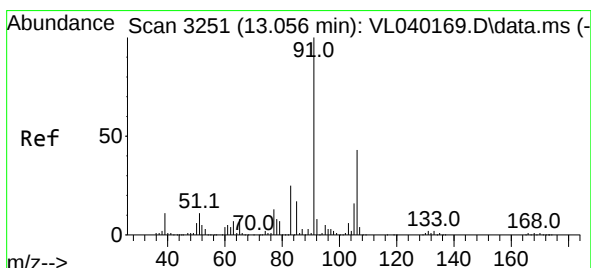
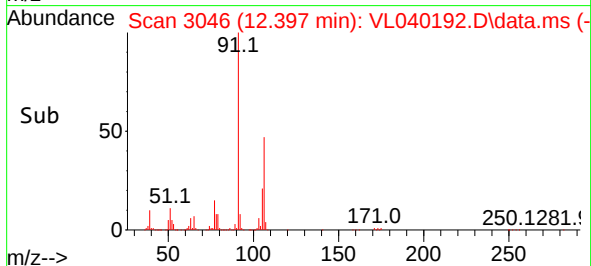
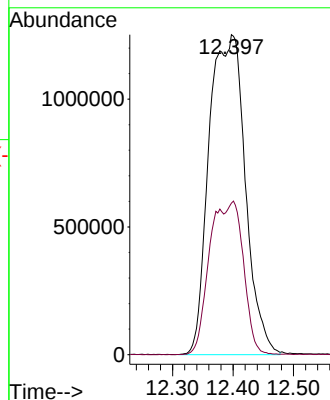
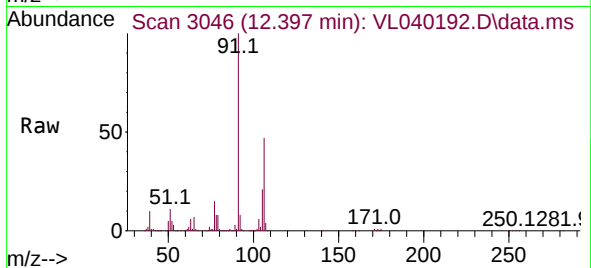
106 45.0 34.6 51.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#60

o-Xylene

Concen: 10.205 ppbv

RT: 13.085 min Scan# 3260

Delta R.T. 0.000 min

Lab File: VL040192.D

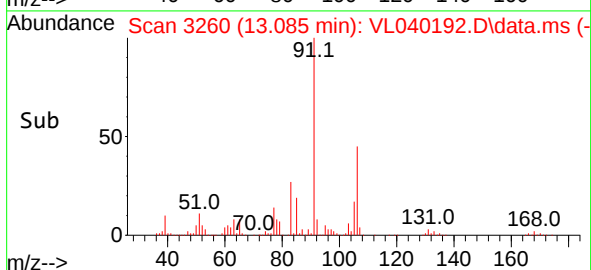
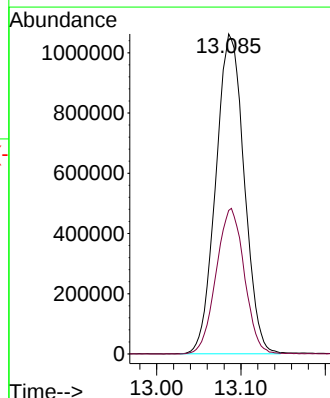
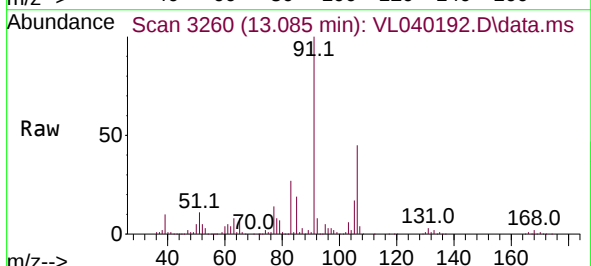
Acq: 21 Feb 2023 12:09

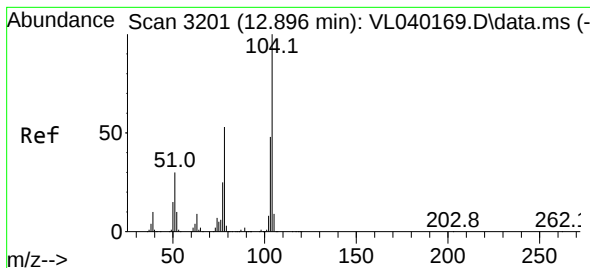
Tgt Ion: 91 Resp: 2480062

Ion Ratio Lower Upper

91 100

106 45.4 21.6 65.0





#61

Styrene

Concen: 11.756 ppbv

RT: 12.928 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040192.D

Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 149996

Ion Ratio Lower Upper

104 100

78 51.4 42.3 63.5

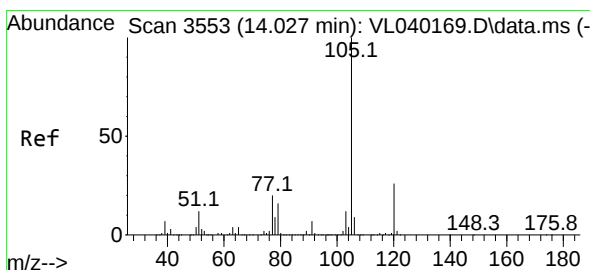
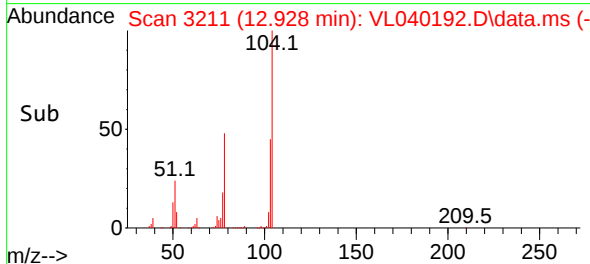
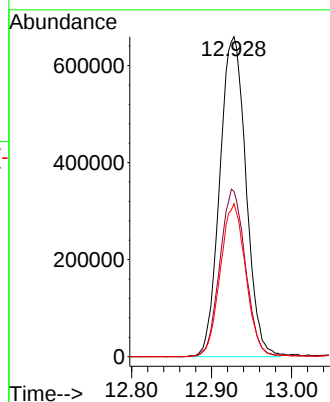
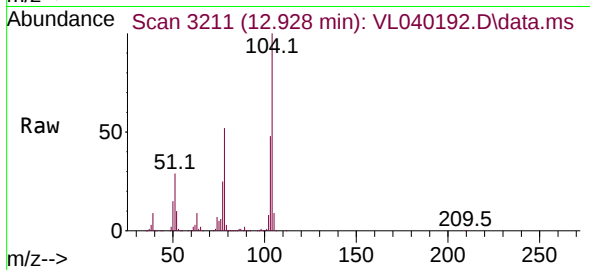
103 46.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#62

Isopropylbenzene

Concen: 10.195 ppbv

RT: 14.060 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL040192.D

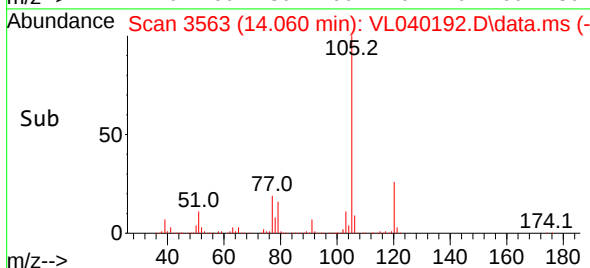
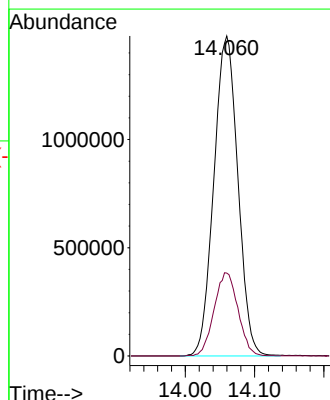
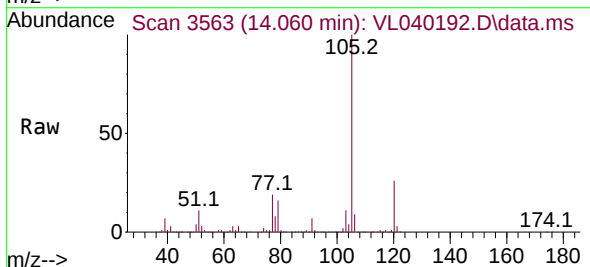
Acq: 21 Feb 2023 12:09

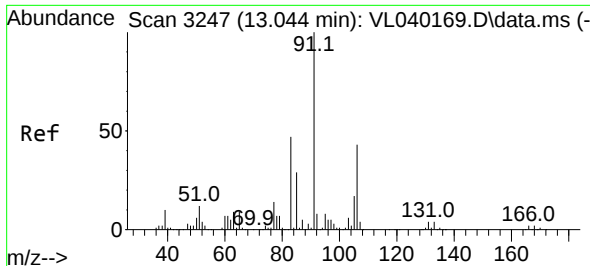
Tgt Ion:105 Resp: 3556438

Ion Ratio Lower Upper

105 100

120 25.9 20.3 30.5





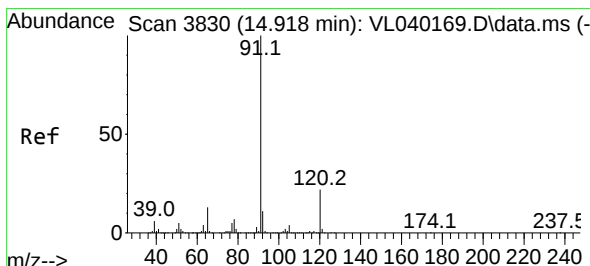
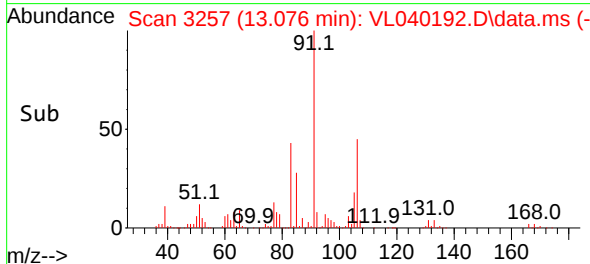
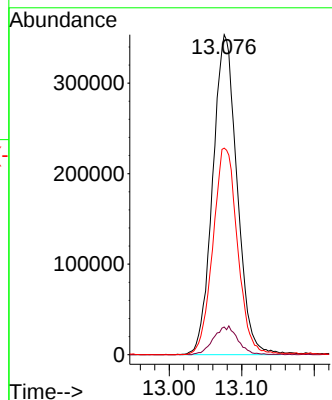
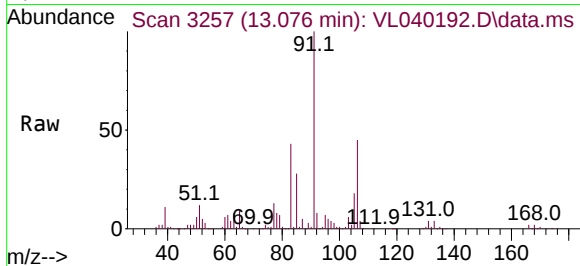
#63
1,1,2,2-Tetrachloroethane
Concen: 9.404 ppbv
RT: 13.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 82357
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 66.0 33.0 99.0

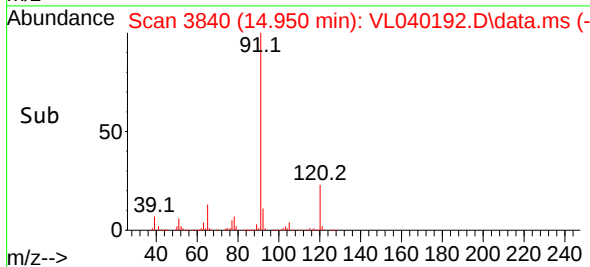
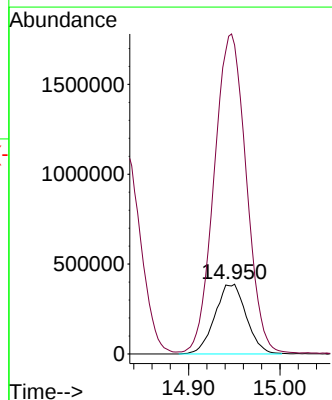
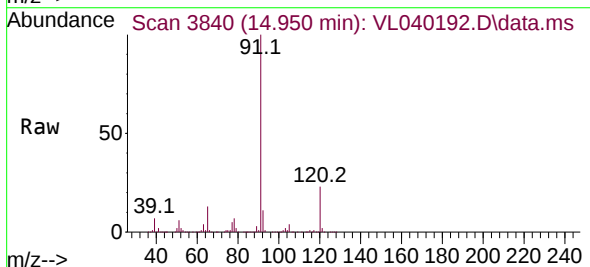
Manual Integrations
APPROVED

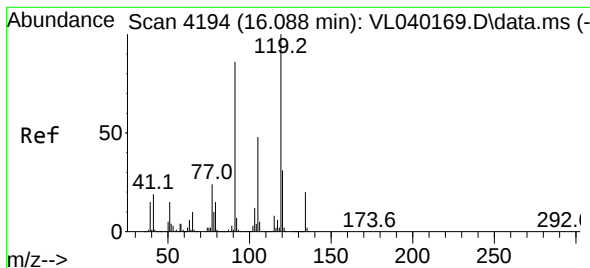
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
n-propylbenzene
Concen: 10.705 ppbv m
RT: 14.950 min Scan# 3840
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

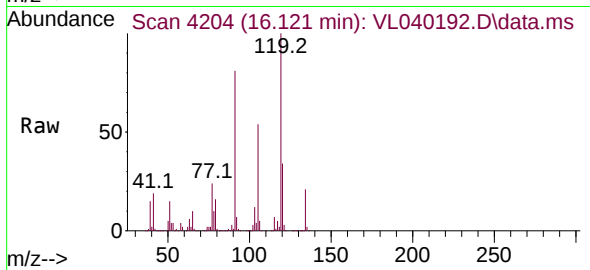
Tgt Ion:120 Resp: 924314
Ion Ratio Lower Upper
120 100
91 290.7 389.8 584.8#





#65
tert-Butylbenzene
Concen: 10.146 ppbv
RT: 16.121 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

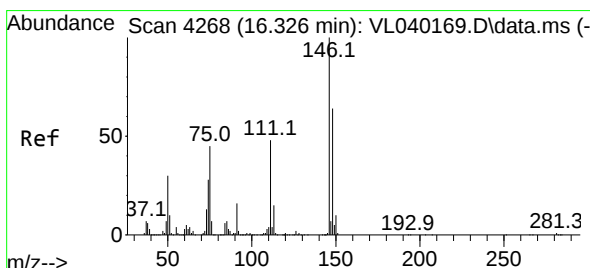
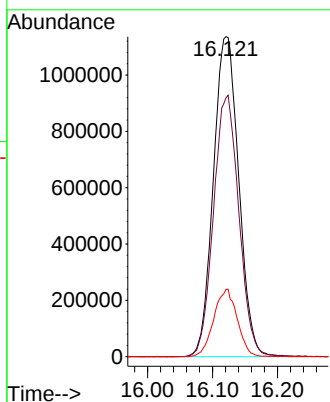
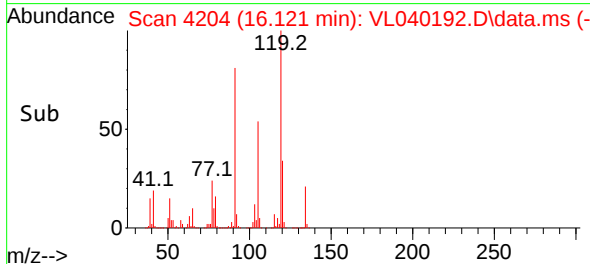
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 307668
Ion Ratio Lower Upper
119 100
91 81.6 68.6 102.8
134 19.6 15.9 23.9

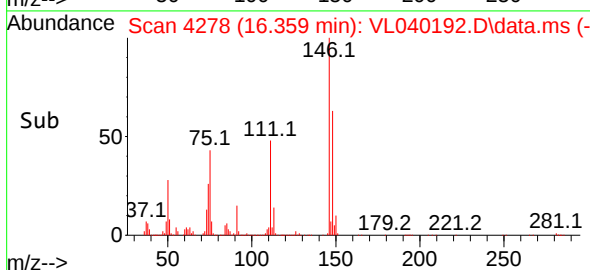
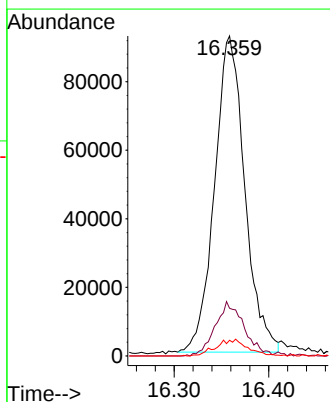
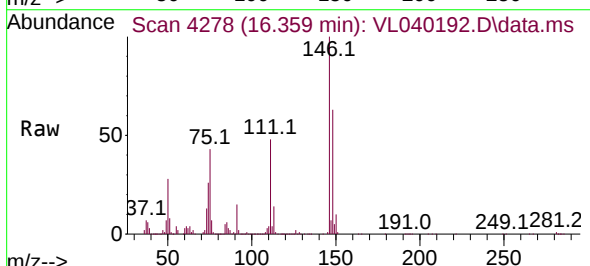
Manual Integrations
APPROVED

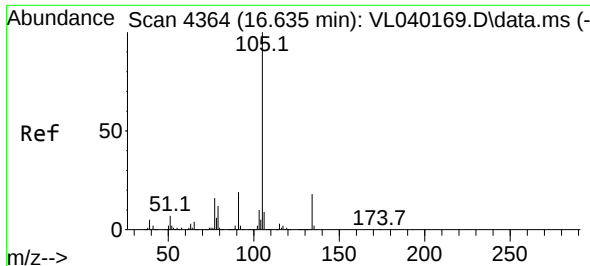
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
Benzyl Chloride
Concen: 10.125 ppbv
RT: 16.359 min Scan# 4278
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

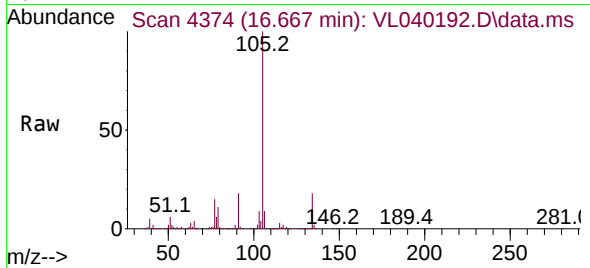
Tgt Ion: 91 Resp: 204320
Ion Ratio Lower Upper
91 100
126 16.9 13.1 19.7
128 5.6 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.986 ppbv
 RT: 16.667 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

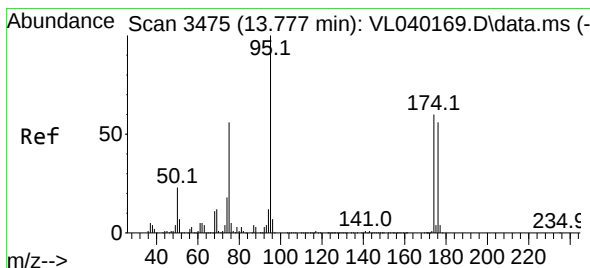
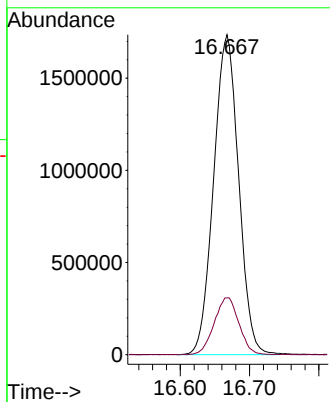
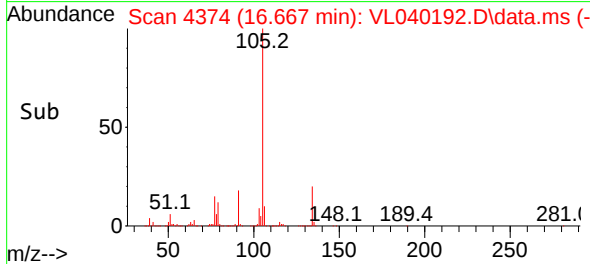
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 4342678
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.1 21.1

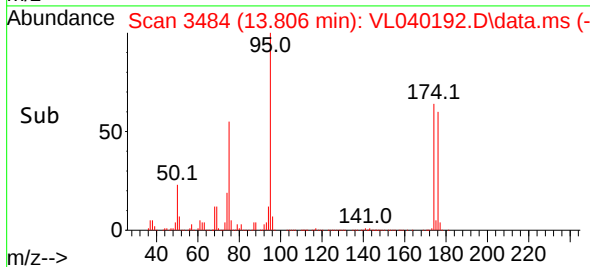
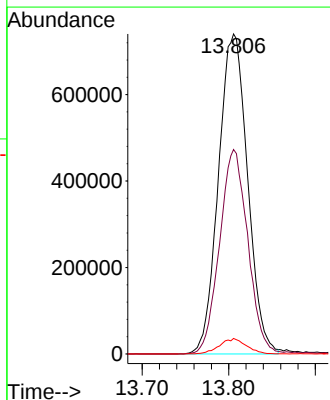
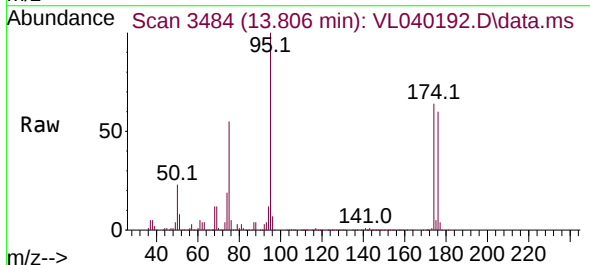
Manual Integrations
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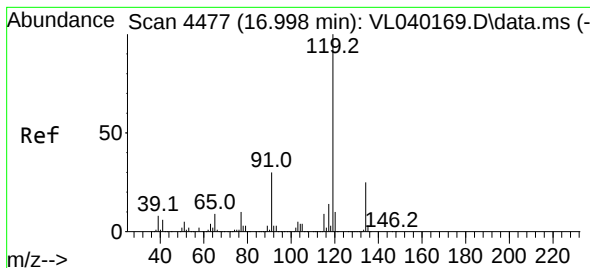
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.963 ppbv
 RT: 13.806 min Scan# 3484
 Delta R.T. 0.000 min
 Lab File: VL040192.D
 Acq: 21 Feb 2023 12:09

Tgt Ion: 95 Resp: 1729802
 Ion Ratio Lower Upper
 95 100
 174 62.6 48.2 72.2
 175 4.5 3.4 5.2





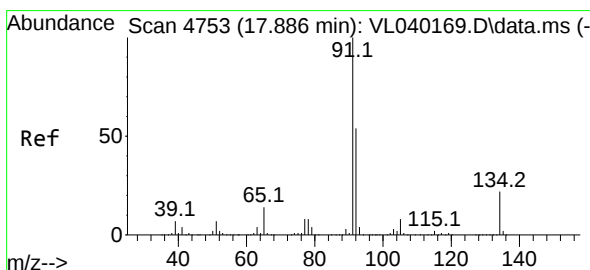
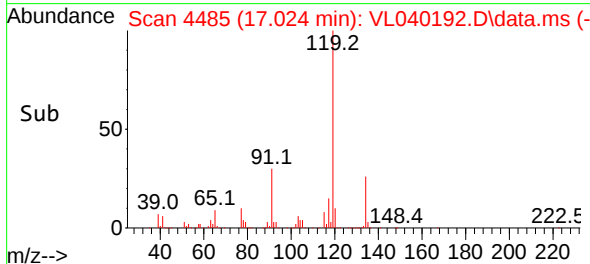
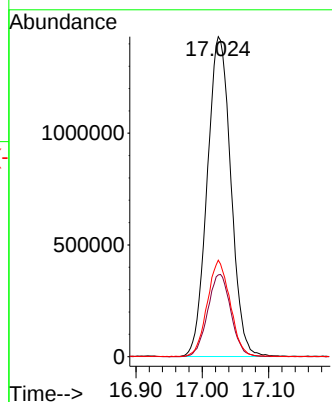
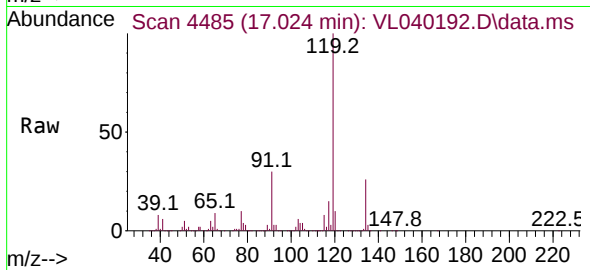
#69
p-Isopropyltoluene
Concen: 10.278 ppbv
RT: 17.024 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3543474
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 29.2 24.7 37.1

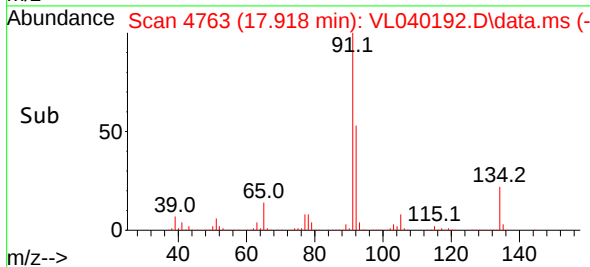
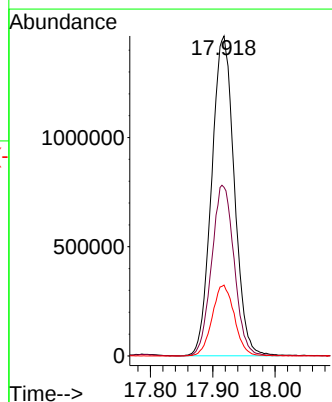
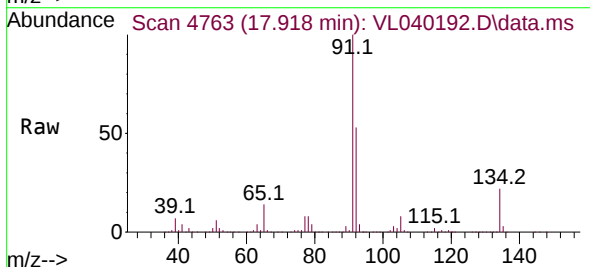
Manual Integrations
APPROVED

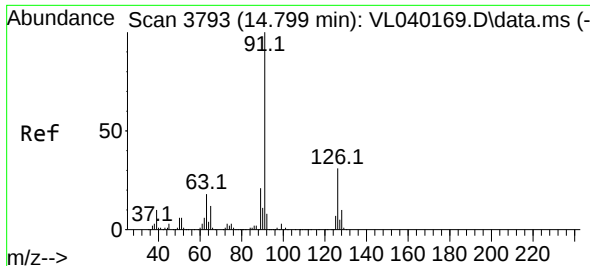
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
n-Butylbenzene
Concen: 9.853 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Tgt Ion: 91 Resp: 3686881
Ion Ratio Lower Upper
91 100
92 53.3 43.0 64.6
134 21.9 16.9 25.3





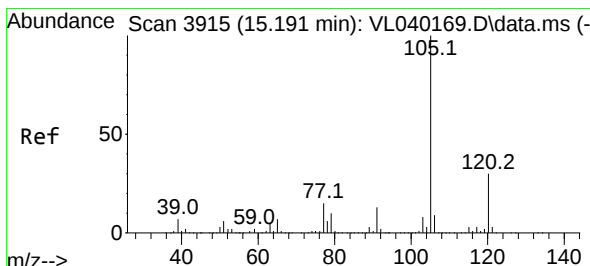
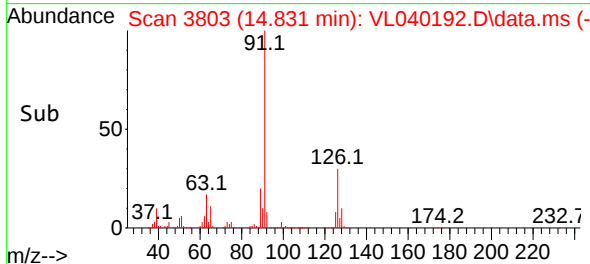
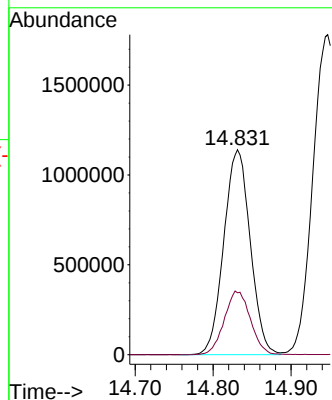
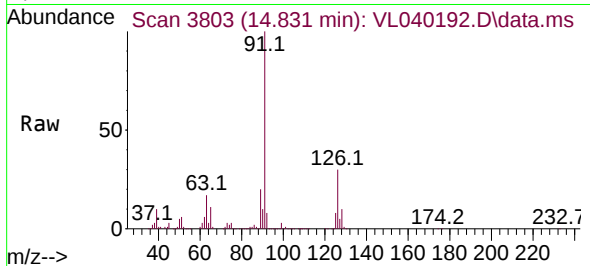
#71
2-Chlorotoluene
Concen: 10.072 ppbv
RT: 14.831 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2687170
Ion Ratio Lower Upper
91 100
126 30.8 12.0 48.2

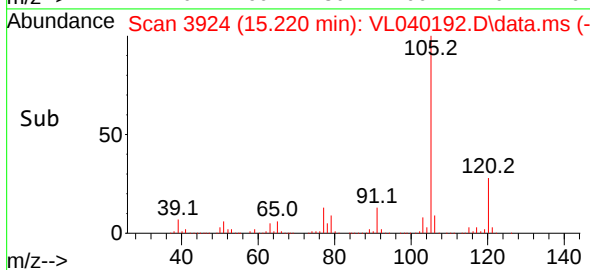
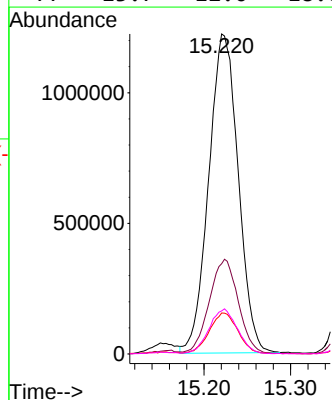
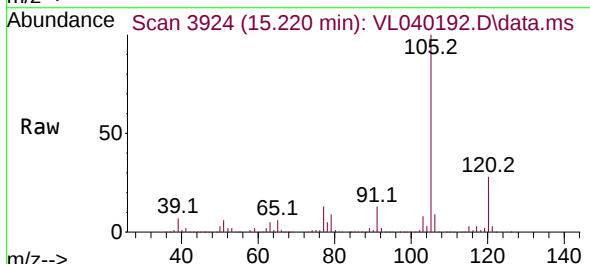
Manual Integrations
APPROVED

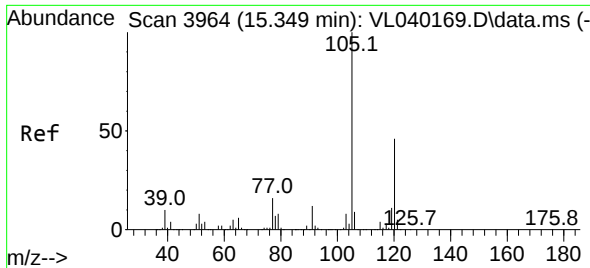
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
4-Ethyltoluene
Concen: 10.756 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

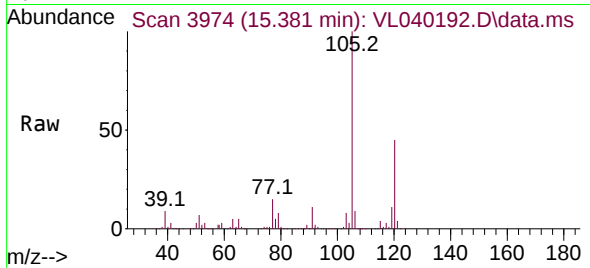
Tgt Ion:105 Resp: 2889843
Ion Ratio Lower Upper
105 100
120 29.4 23.2 34.8
91 12.4 11.3 16.9
77 13.7 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 10.120 ppbv
RT: 15.381 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

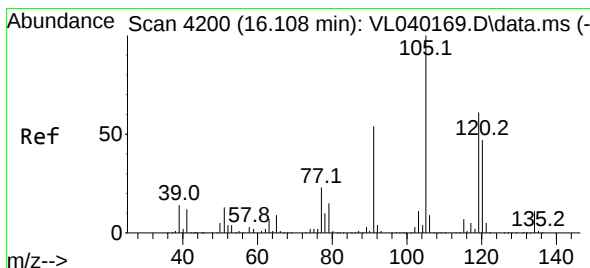
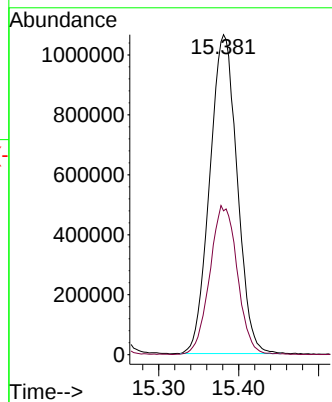
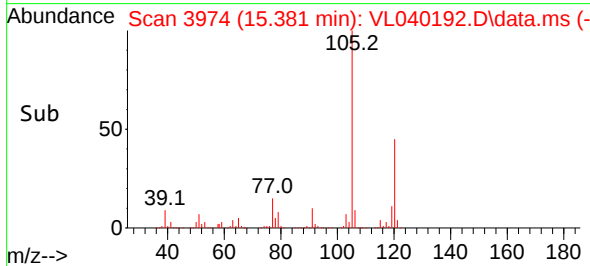
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 2529823
Ion Ratio Lower Upper
105 100
120 44.9 36.8 55.2

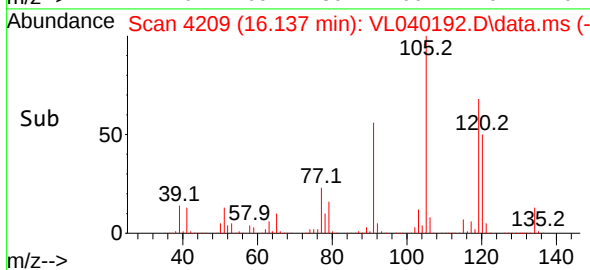
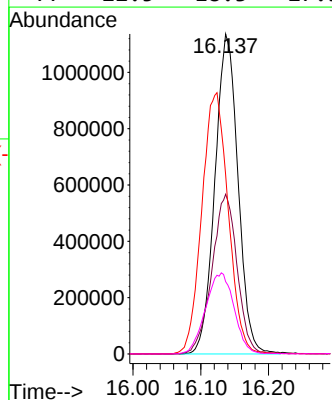
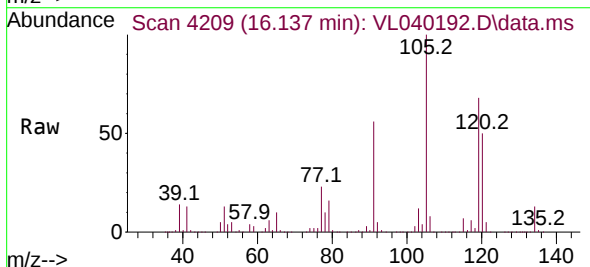
Manual Integrations
APPROVED

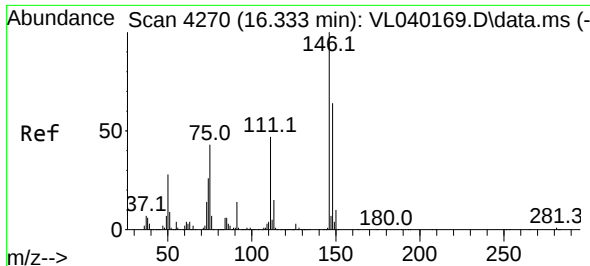
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.783 ppbv
RT: 16.137 min Scan# 4209
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

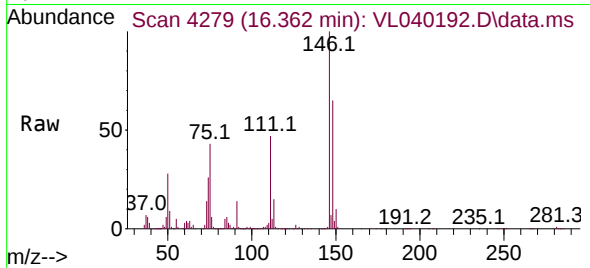
Tgt Ion:105 Resp: 2686413
Ion Ratio Lower Upper
105 100
120 49.8 37.9 56.9
91 55.8 43.7 65.5
77 22.5 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 10.110 ppbv
RT: 16.362 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

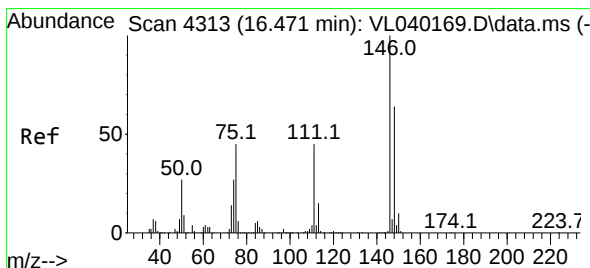
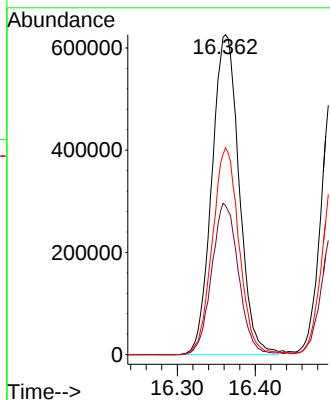
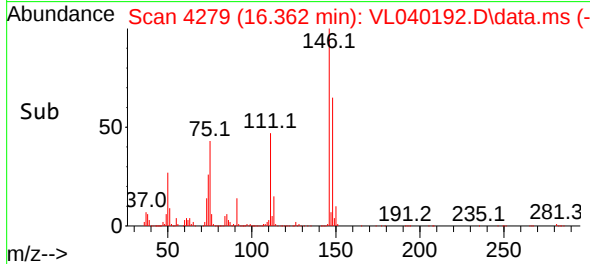
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



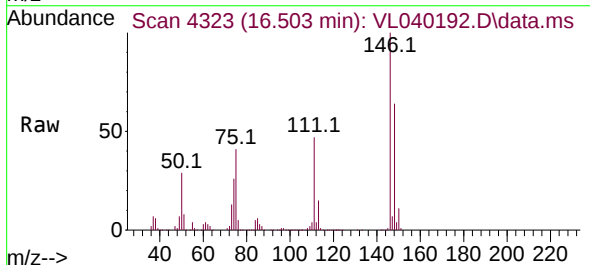
Tgt Ion:146 Resp: 1519220
Ion Ratio Lower Upper
146 100
111 46.7 23.9 71.8
148 63.6 32.1 96.5

Manual Integrations
APPROVED

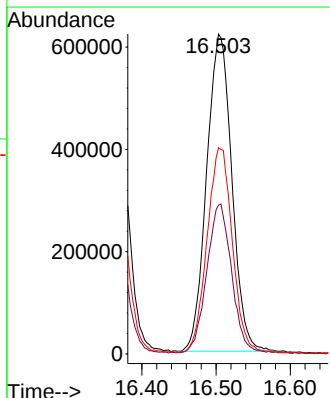
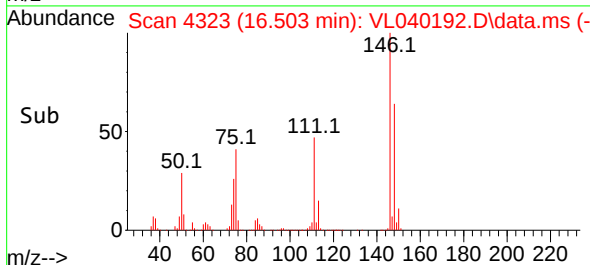
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,4-Dichlorobenzene
Concen: 9.942 ppbv
RT: 16.503 min Scan# 4323
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



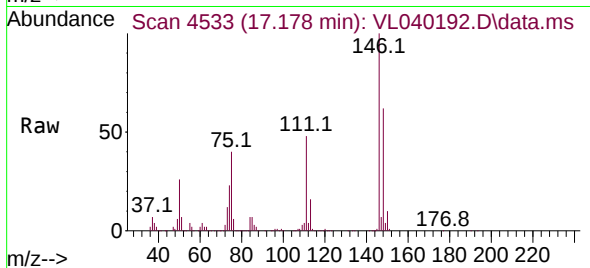
Tgt Ion:146 Resp: 1464022
Ion Ratio Lower Upper
146 100
111 47.1 23.5 70.5
148 66.4 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 9.732 ppbv
RT: 17.178 min Scan# 4533
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

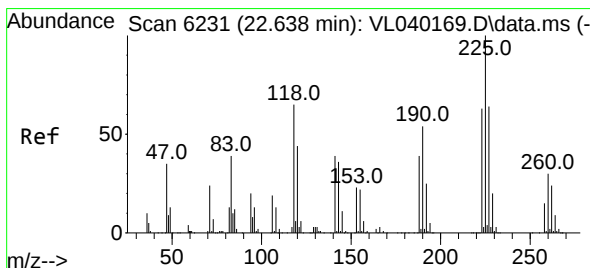
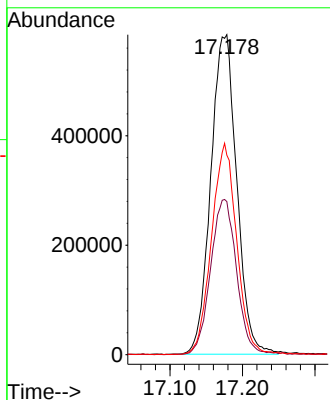
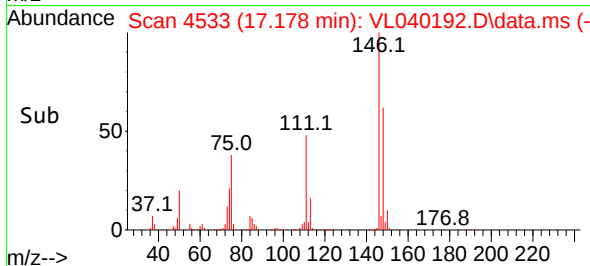
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



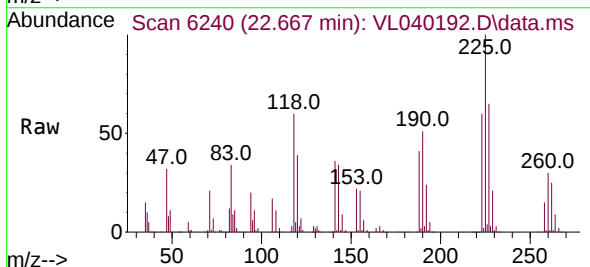
Tgt Ion:146 Resp: 145266
Ion Ratio Lower Upper
146 100
111 48.9 25.3 75.8
148 64.1 32.0 96.2

Manual Integrations
APPROVED

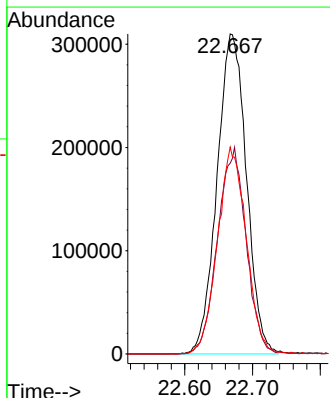
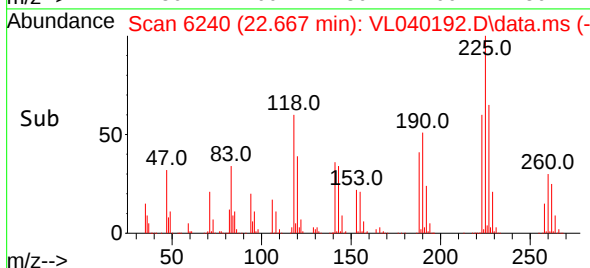
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

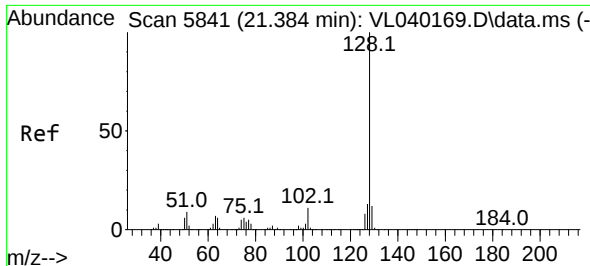


#78
Hexachloro-1,3-Butadiene
Concen: 9.110 ppbv
RT: 22.667 min Scan# 6240
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



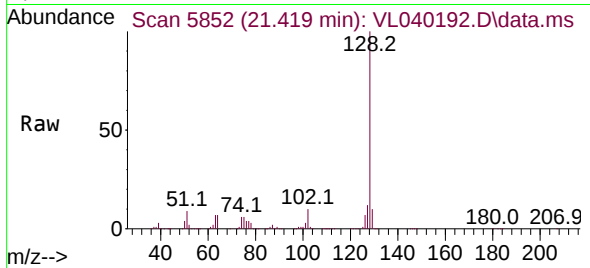
Tgt Ion:225 Resp: 934233
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.6
227 63.4 51.2 76.8





#79
Naphthalene
Concen: 12.100 ppbv
RT: 21.419 min Scan# 5852
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09

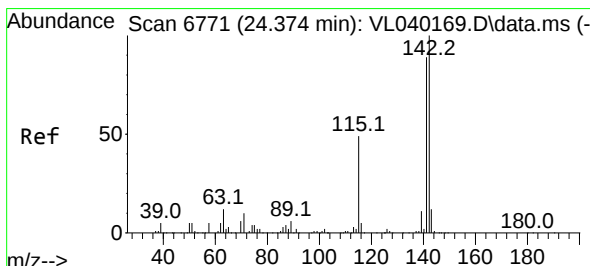
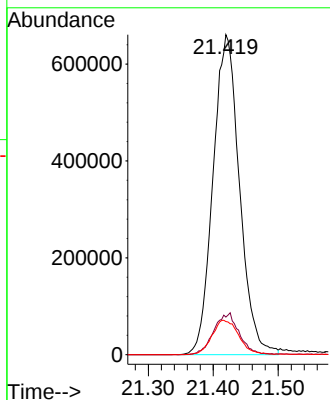
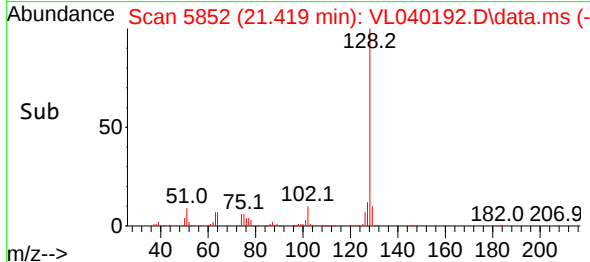
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



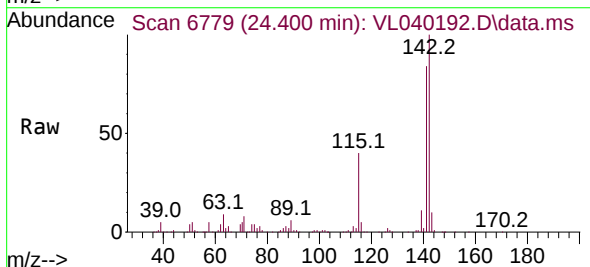
Tgt Ion:128 Resp: 186665
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 10.4 9.4 14.0

Manual Integrations
APPROVED

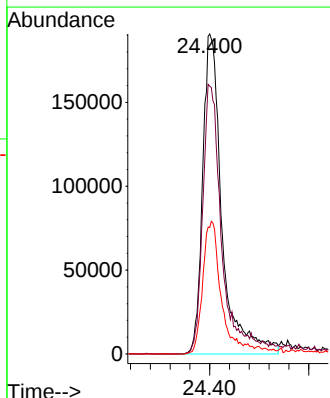
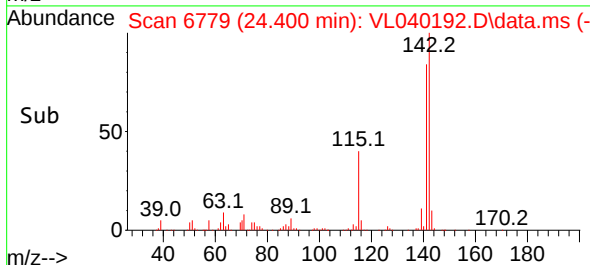
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

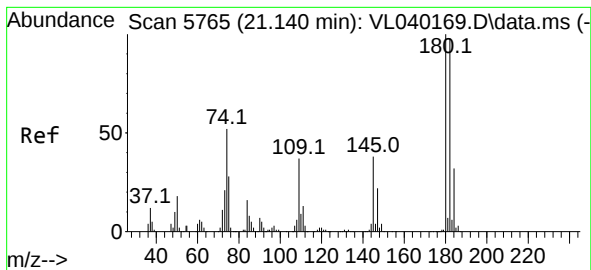


#80
Naphthalene,2-methyl-
Concen: 11.824 ppbv
RT: 24.400 min Scan# 6779
Delta R.T. 0.000 min
Lab File: VL040192.D
Acq: 21 Feb 2023 12:09



Tgt Ion:142 Resp: 518696
Ion Ratio Lower Upper
142 100
141 87.0 67.3 100.9
115 41.4 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.426 ppbv

RT: 21.175 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040192.D

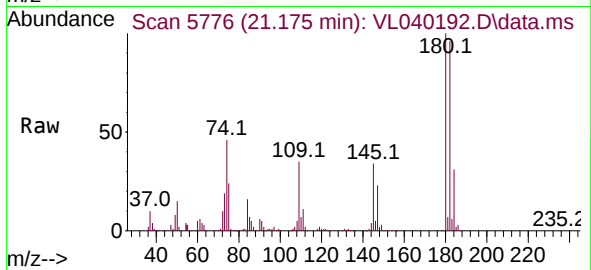
Acq: 21 Feb 2023 12:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1006439

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 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023

