

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040175.D
 Acq On : 15 Feb 2023 14:18
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Feb 15 14:48:37 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 15 14:16:43 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/16/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Bromochloromethane	5.192	49	984223	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2481706	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2457794	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2055352 10.062 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	2482720	14.386	ppbv	99
3) Chlorodifluoromethane	2.664	51	1565155	13.258	ppbv	99
4) Chloromethane	2.803	50	990947	13.582	ppbv	93
5) Vinyl Chloride	2.912	62	870921	14.079	ppbv	100
6) Bromomethane	3.111	94	300693	13.322	ppbv	97
7) Chloroethane	3.189	64	320802	13.569	ppbv	91
8) Dichlorotetrafluoroethane	2.848	85	2075133	12.881	ppbv	95
9) Propene	2.684	41	666196	13.583	ppbv	97
10) Heptane	7.584	43	1708650	15.115	ppbv	99
11) Trichlorofluoromethane	3.555	101	2245185	13.037	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1660672	12.826	ppbv	99
13) Ethanol	3.240	45	39238m	8.692	ppbv	
14) Bromoethene	3.359	108	668500	13.909	ppbv	98
15) Acetone	3.462	43	1522630	12.900	ppbv	99
16) 1,3-Butadiene	2.976	39	767045	13.938	ppbv	97
17) tert-Butyl alcohol	3.870	59	1368580	12.451	ppbv	100
18) 1,1-Dichloroethene	3.873	96	748710	13.309	ppbv	97
19) Isopropyl Alcohol	3.568	45	659988	11.428	ppbv	99
20) Methylene Chloride	3.928	84	618260	11.872	ppbv	98
21) Allyl Chloride	3.992	41	1064263	14.042	ppbv	99
22) trans-1,2-Dichloroethene	4.442	96	794441	13.821	ppbv	92
23) Vinyl Acetate	4.623	43	530563	13.866	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1562923	13.489	ppbv	99
25) Ethyl Acetate	5.201	43	3095919	14.888	ppbv	100
26) Hexane	5.211	57	1307189	14.364	ppbv	99
27) Carbon Disulfide	4.121	76	1900307	16.118	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	1416388	13.835	ppbv	99
29) Chloroform	5.275	83	2256979	15.511	ppbv	100
30) Cyclohexane	6.606	84	1117640	15.449	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	1378165	15.643	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	2246497	15.190	ppbv	99
34) 2-Butanone	4.783	43	1717687	14.633	ppbv	99
35) Carbon Tetrachloride	6.497	117	2364102	16.848	ppbv	98
36) Benzene	6.375	78	2813428	15.319	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1763254	14.937	ppbv	99
38) Trichloroethene	7.298	130	1680628	16.124	ppbv	98
39) 1,2-Dichloropropane	7.079	63	1085858	15.116	ppbv	98
40) 1,4-Dioxane	7.288	88	398790	13.988	ppbv	84
41) Tetrahydrofuran	5.555	42	1079858	15.938	ppbv	100
42) Bromodichloromethane	7.256	83	2534438	15.900	ppbv	98
43) Methyl Methacrylate	7.478	69	1149683	17.059	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	4614240	15.108	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	1173178	19.522	ppbv	98

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Instrument :
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 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 14:48:37 2023

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

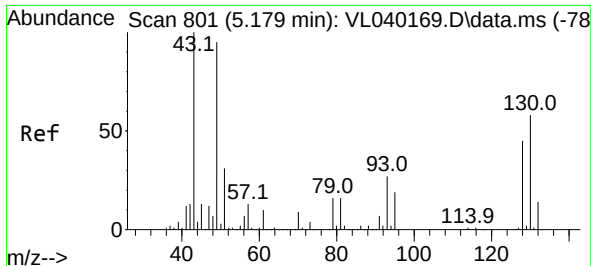
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 15 14:16:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1538562	18.736	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	1196044	15.814	ppbv	99
48) Dibromochloromethane	9.722	129	2126145	17.491	ppbv	100
49) Bromoform	12.423	173	1713542	18.299	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2928530	15.861	ppbv	100
51) 2-Hexanone	9.558	43	2337696	16.711	ppbv #	99
52) Tetrachloroethene	10.626	164	980408	16.319	ppbv	99
53) Toluene	9.230	91	3257290	16.629	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1368638	17.285	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.519	131	1487010	15.545	ppbv	97
57) Chlorobenzene	11.539	112	2545491	15.194	ppbv	98
58) Ethyl Benzene	12.098	91	4482948	16.345	ppbv	98
59) m/p-Xylene	12.384	91	7687029m	31.170	ppbv	
60) o-Xylene	13.072	91	3718321	15.884	ppbv	99
61) Styrene	12.912	104	2199067	18.028	ppbv	100
62) Isopropylbenzene	14.040	105	5197080	15.436	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1249674	14.703	ppbv	100
64) n-propylbenzene	14.931	120	1342803	16.044	ppbv	98
65) tert-Butylbenzene	16.104	119	4560922	15.822	ppbv	99
66) Benzyl Chloride	16.339	91	367521	18.656	ppbv	99
67) sec-Butylbenzene	16.651	105	6360747	15.565	ppbv	99
69) p-Isopropyltoluene	17.008	119	5184546	16.144	ppbv	99
70) n-Butylbenzene	17.899	91	5547876	16.020	ppbv	99
71) 2-Chlorotoluene	14.815	91	4074526	15.735	ppbv	100
72) 4-Ethyltoluene	15.207	105	4252977	16.373	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	3791391	16.211	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	4073081	15.722	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	2255741	15.677	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	2208267	15.609	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	2153337	15.649	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1421126	14.100	ppbv	100
79) Naphthalene	21.400	128	2965817	19.983	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	915269	18.302	ppbv	97
81) 1,2,4-Trichlorobenzene	21.156	180	1572551	17.191	ppbv	98

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



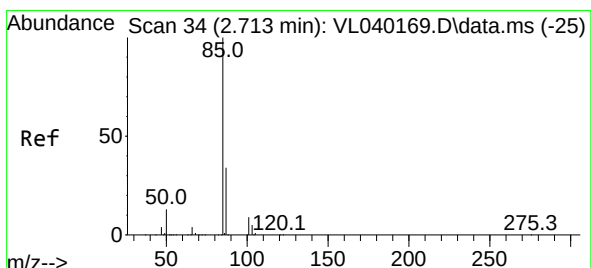
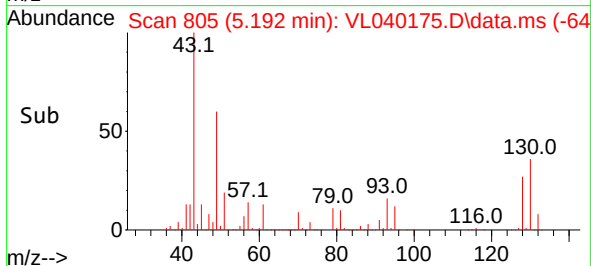
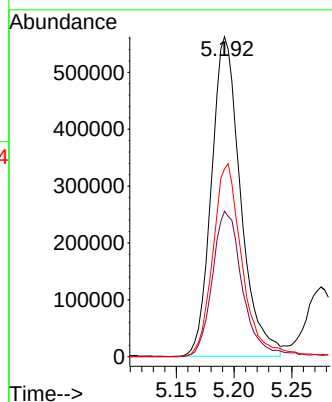
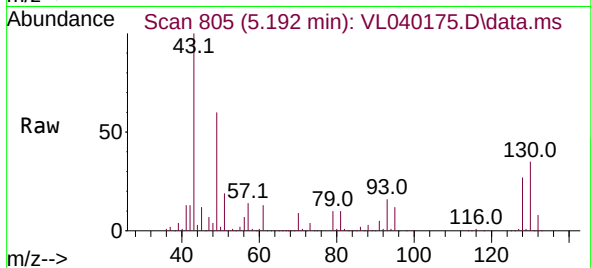
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 49 Resp: 98422
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.7 30.9 92.8

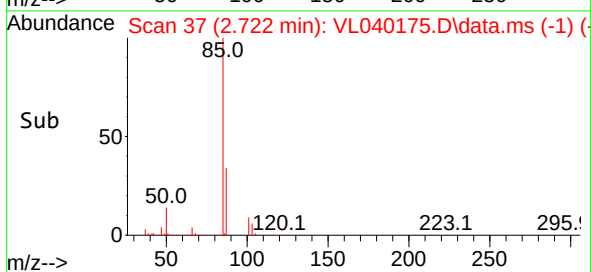
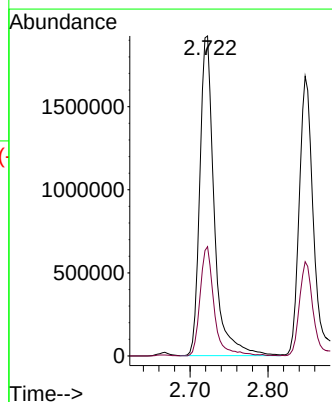
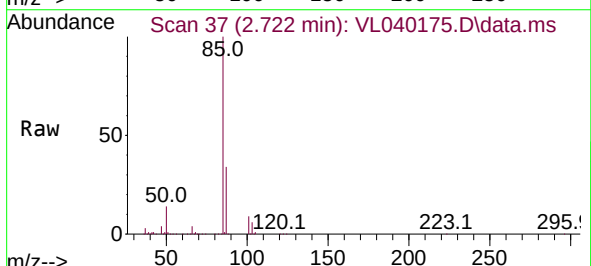
Manual Integrations
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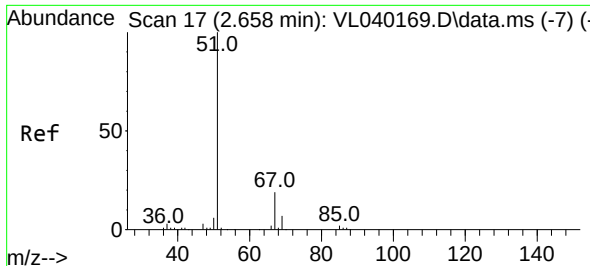
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 14.386 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 85 Resp: 2482720
Ion Ratio Lower Upper
85 100
87 34.1 27.0 40.6





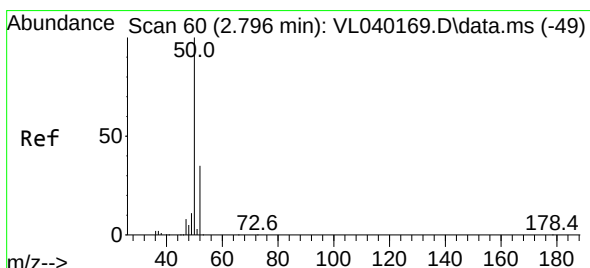
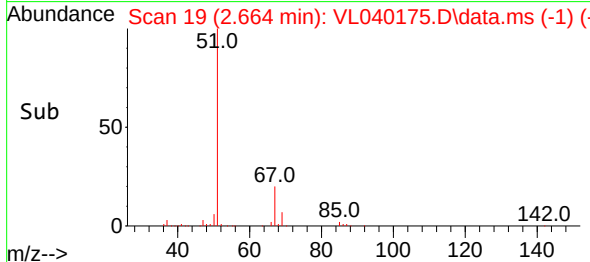
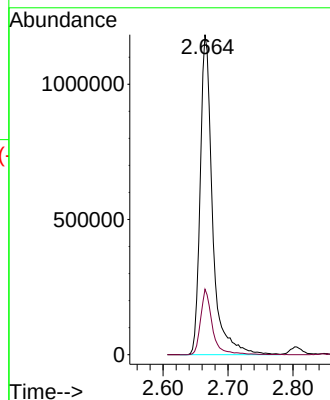
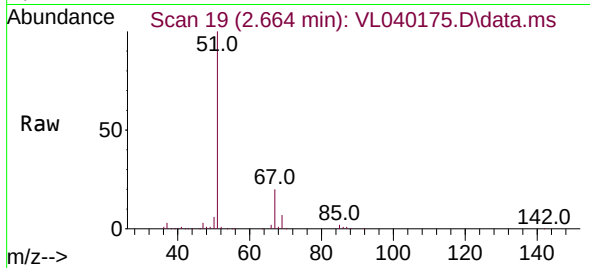
#3
Chlorodifluoromethane
Concen: 13.258 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 156515
Ion Ratio Lower Upper
51 100
67 19.5 15.4 23.2

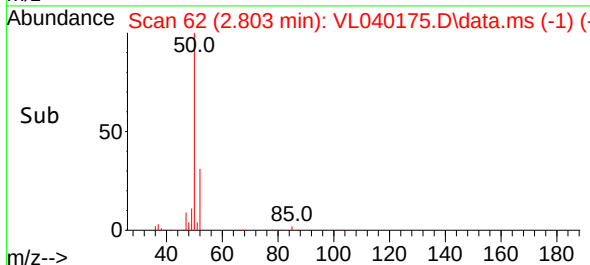
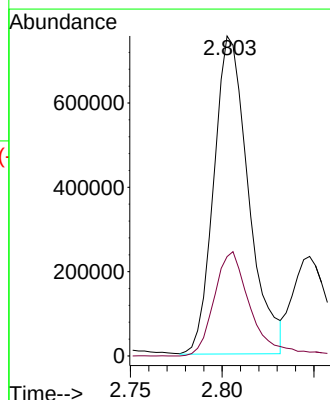
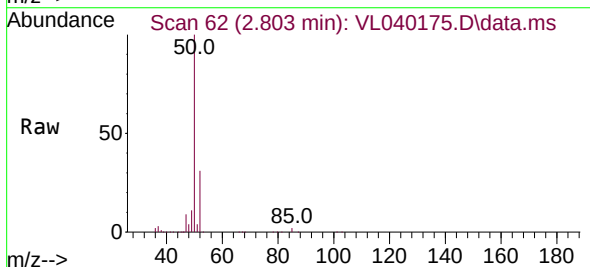
Manual Integrations
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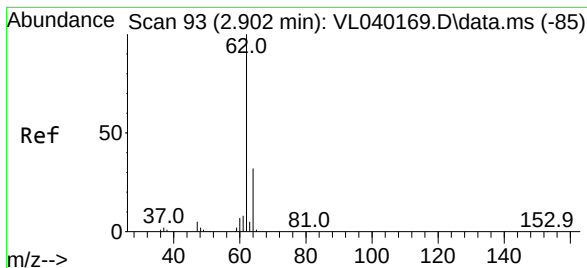
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#4
Chloromethane
Concen: 13.582 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

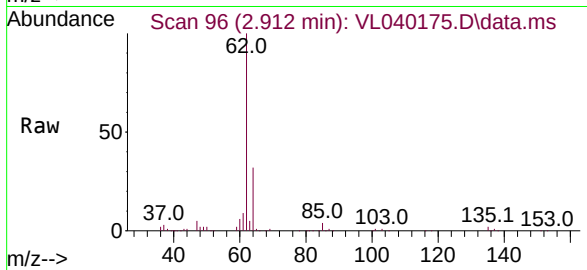
Tgt Ion: 50 Resp: 990947
Ion Ratio Lower Upper
50 100
52 31.3 28.3 42.5





#5
 Vinyl Chloride
 Concen: 14.079 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.010 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

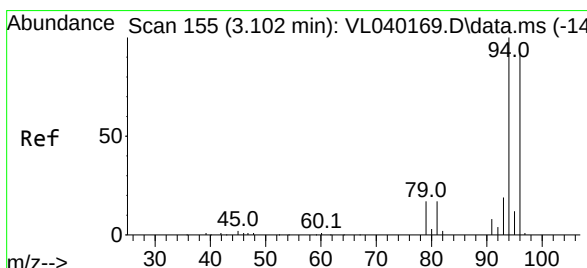
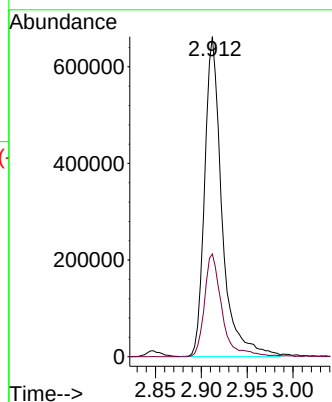
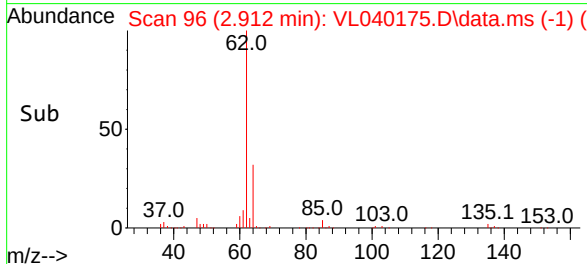
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



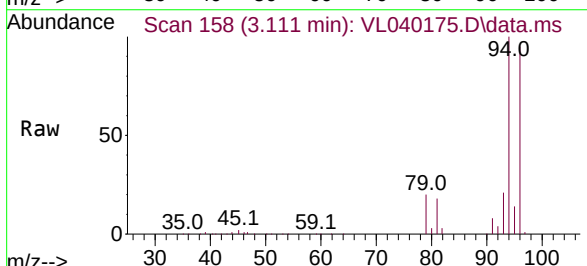
Tgt Ion: 62 Resp: 87092
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.6 38.4

Manual Integrations
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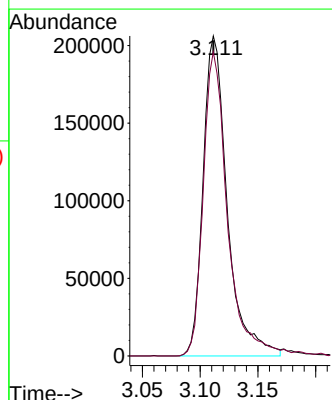
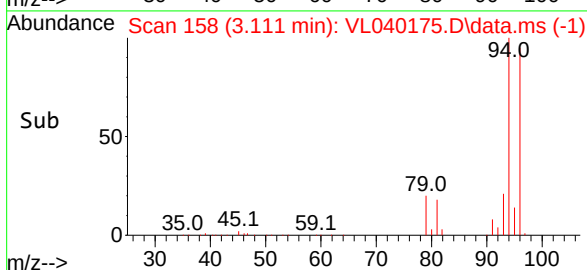
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

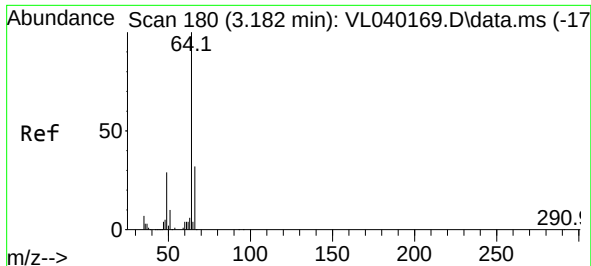


#6
 Bromomethane
 Concen: 13.322 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.010 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18



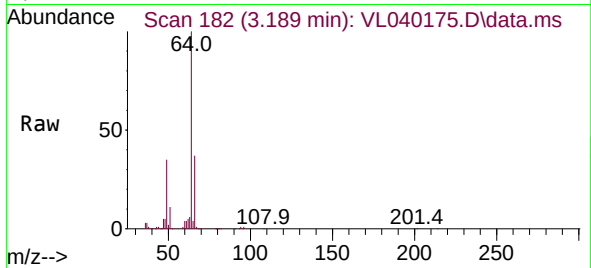
Tgt Ion: 94 Resp: 300693
 Ion Ratio Lower Upper
 94 100
 96 94.9 73.4 110.2





#7
Chloroethane
Concen: 13.569 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

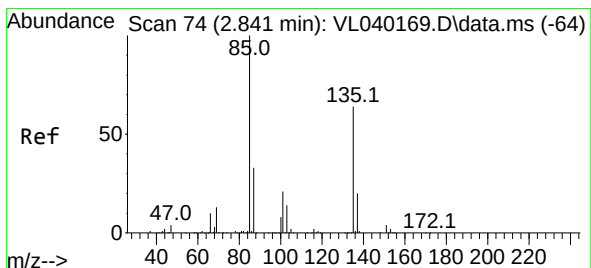
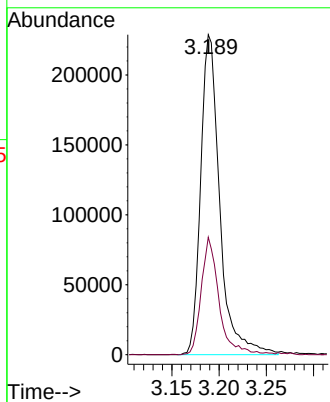
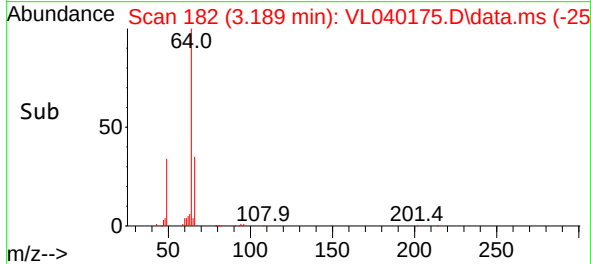
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 32080
Ion Ratio Lower Upper
64 100
66 36.7 25.4 38.2

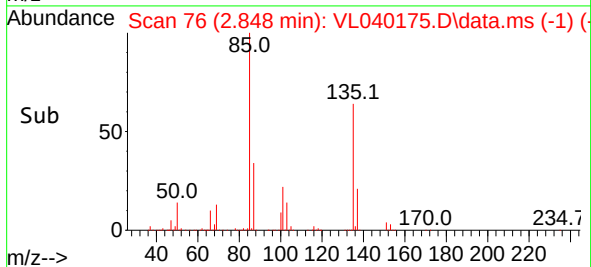
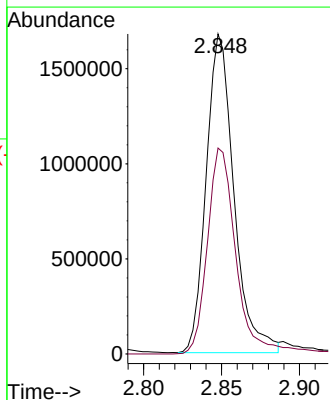
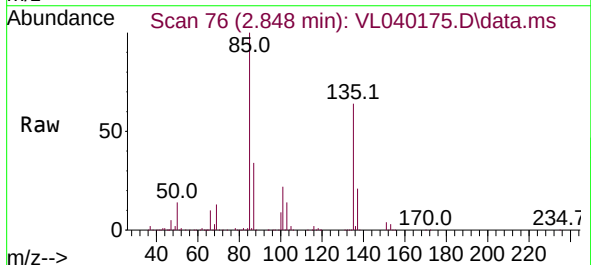
Manual Integrations
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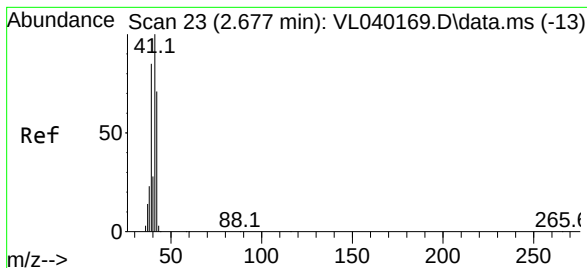
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#8
Dichlorotetrafluoroethane
Concen: 12.881 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 85 Resp: 2075133
Ion Ratio Lower Upper
85 100
135 68.1 51.5 77.3





#9

Propene

Concen: 13.583 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 666190

Ion Ratio Lower Upper

41 100

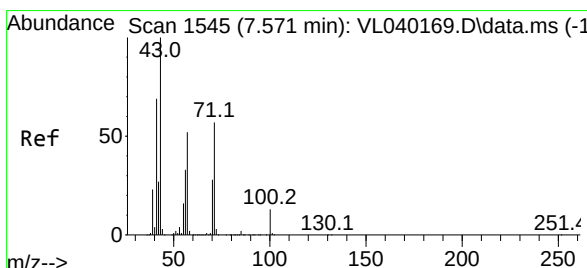
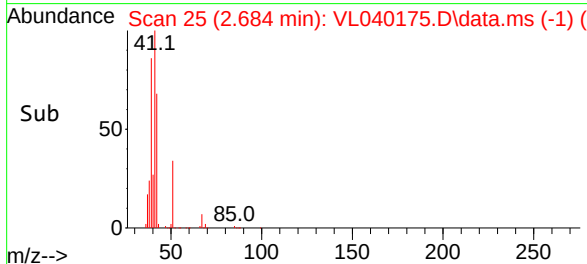
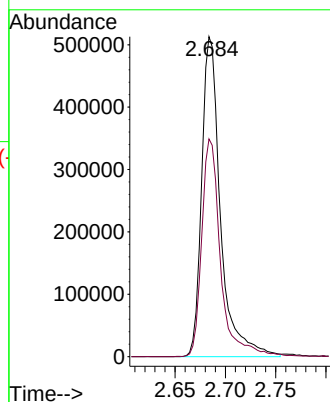
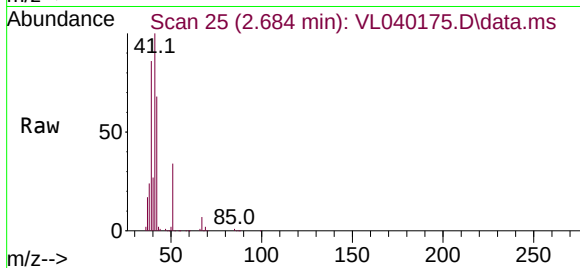
42 68.6 56.9 85.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#10

Heptane

Concen: 15.115 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.013 min

Lab File: VL040175.D

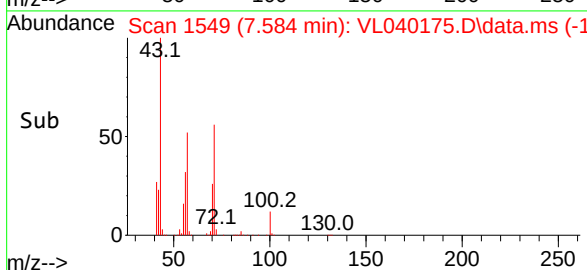
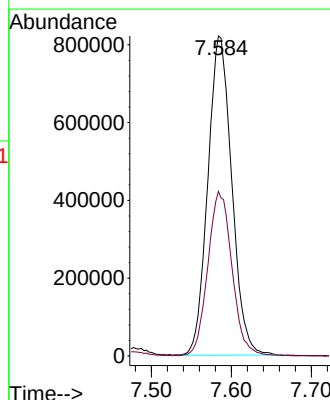
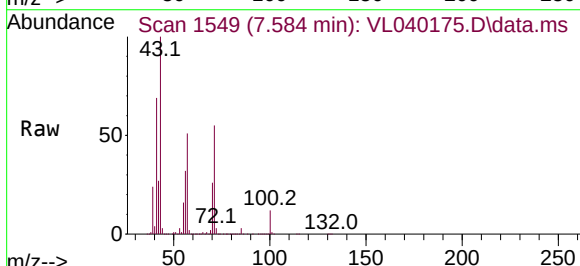
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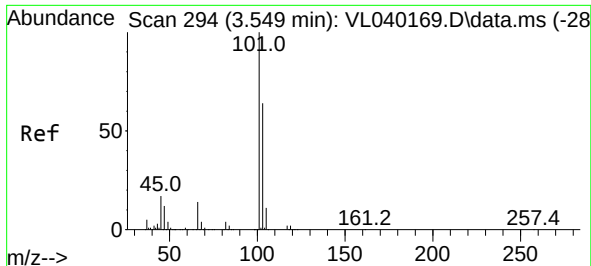
Tgt Ion: 43 Resp: 1708650

Ion Ratio Lower Upper

43 100

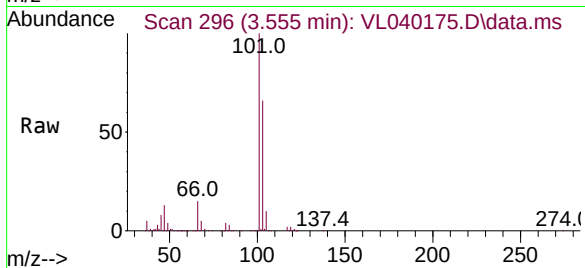
57 52.2 41.4 62.2





#11
Trichlorofluoromethane
Concen: 13.037 ppbv
RT: 3.555 min Scan# 294
Delta R.T. 0.006 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

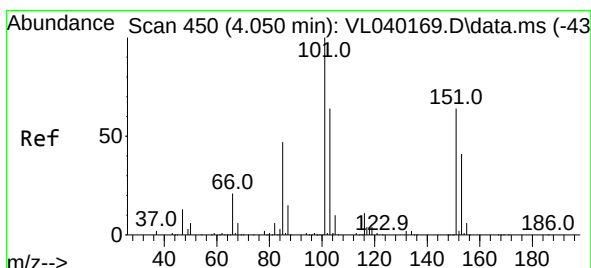
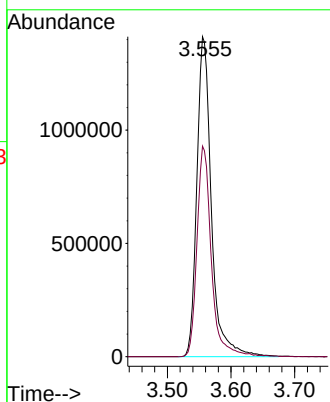
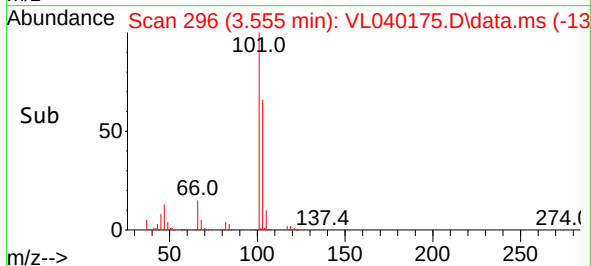
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



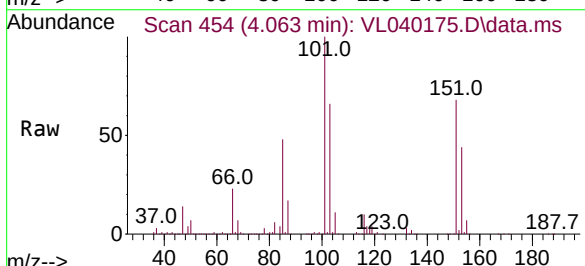
Tgt Ion:101 Resp: 224518
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.6

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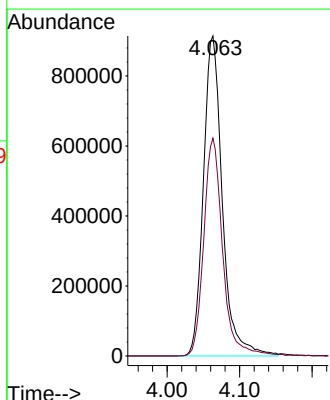
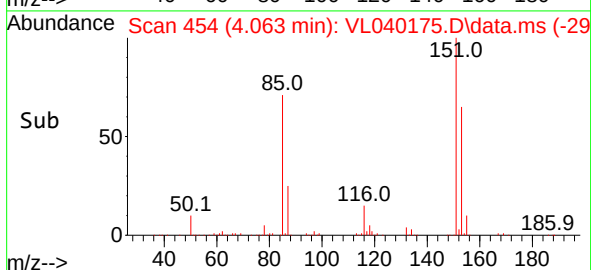
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

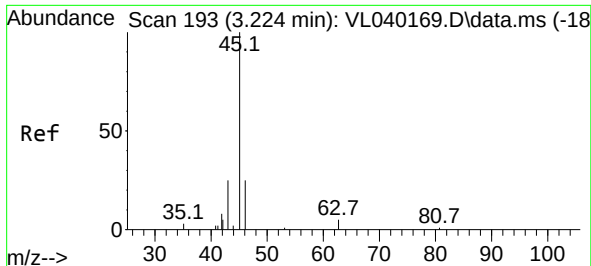


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.826 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



Tgt Ion:101 Resp: 1660672
Ion Ratio Lower Upper
101 100
151 67.9 54.7 82.1





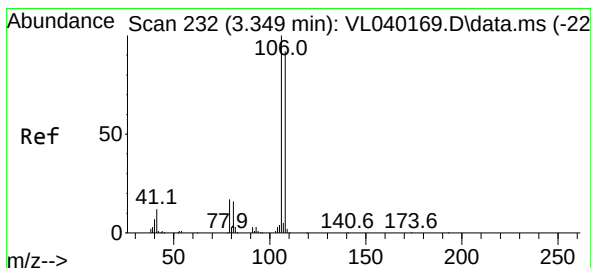
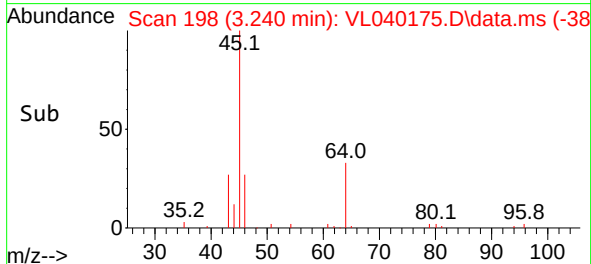
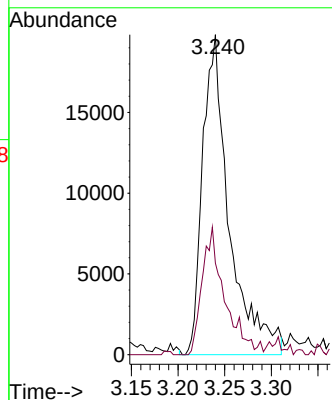
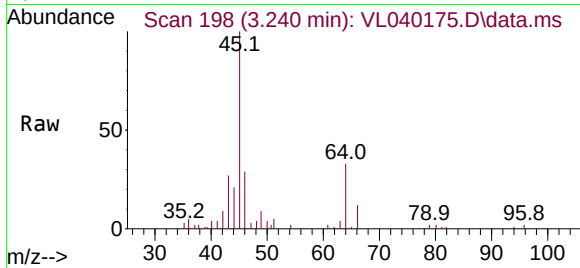
#13
Ethanol
Concen: 8.692 ppbv m
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 39238
Ion Ratio Lower Upper
45 100
46 34.0 13.3 53.1

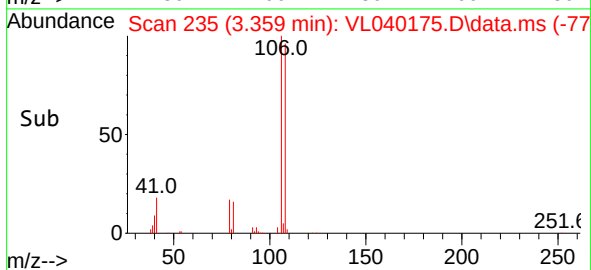
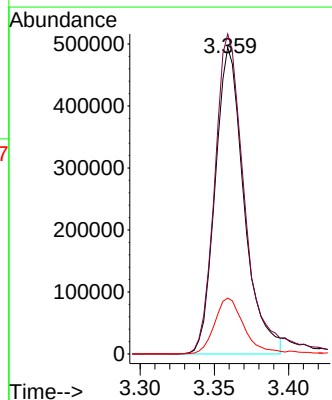
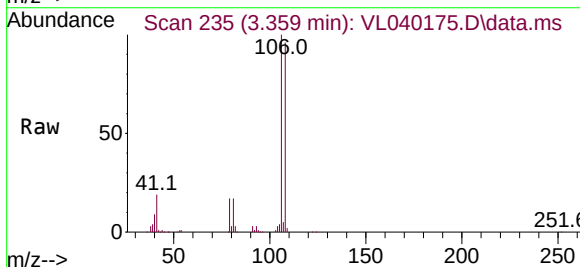
Manual Integrations
APPROVED

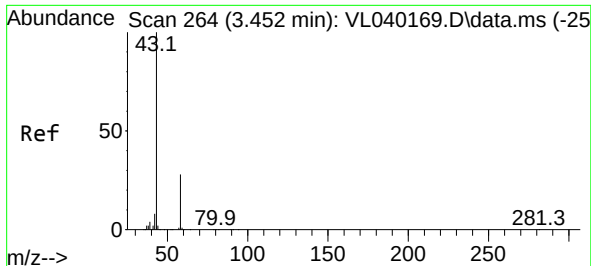
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#14
Bromoethene
Concen: 13.909 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

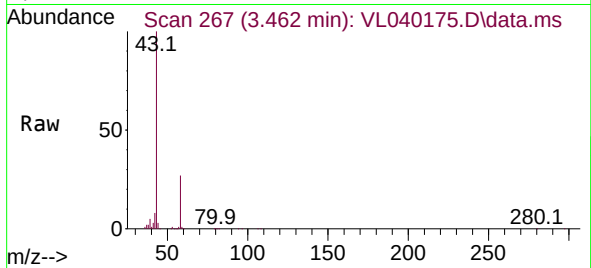
Tgt Ion:108 Resp: 668500
Ion Ratio Lower Upper
108 100
106 111.7 87.1 130.7
79 19.6 15.4 23.2





#15
Acetone
Concen: 12.900 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

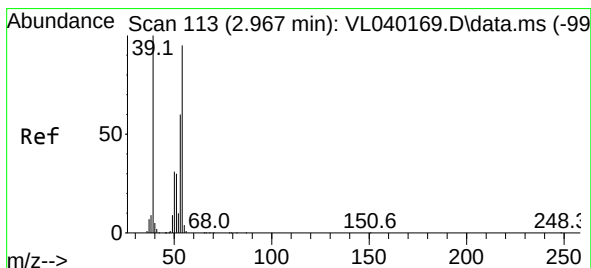
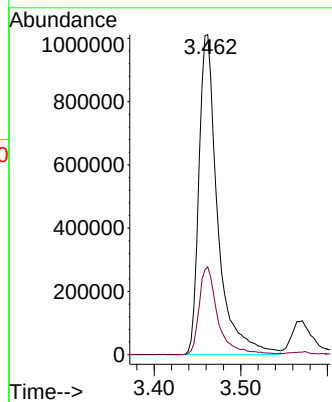
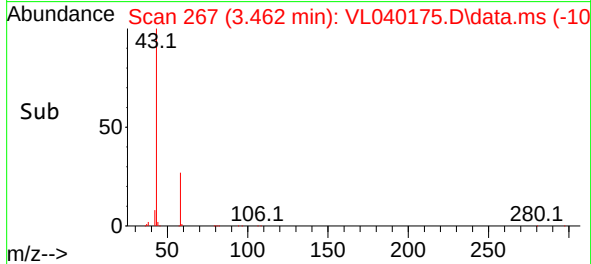
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 1522630
Ion Ratio Lower Upper
43 100
58 27.3 22.4 33.6

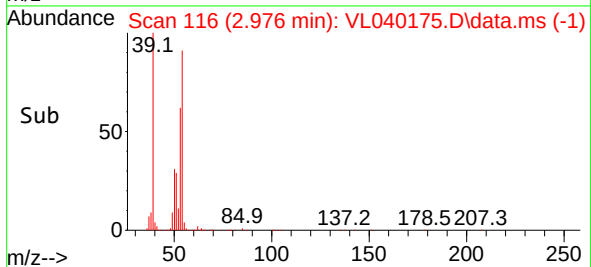
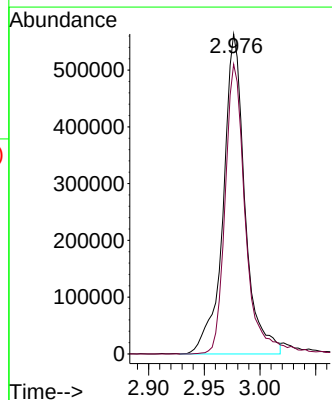
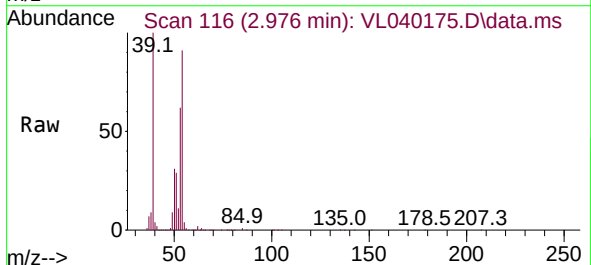
Manual Integrations
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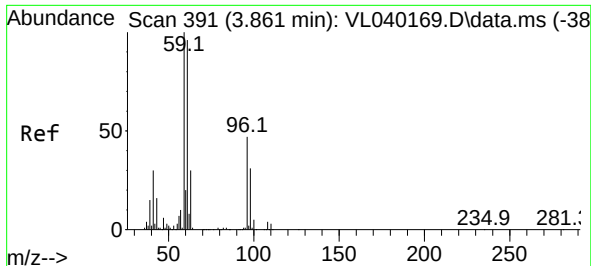
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#16
1,3-Butadiene
Concen: 13.938 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 39 Resp: 767045
Ion Ratio Lower Upper
39 100
54 85.9 66.7 100.1





#17

tert-Butyl alcohol

Concen: 12.451 ppbv

RT: 3.870 min Scan# 391

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 1368580

Ion Ratio Lower Upper

59 100

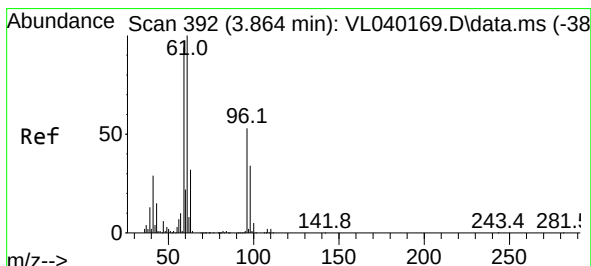
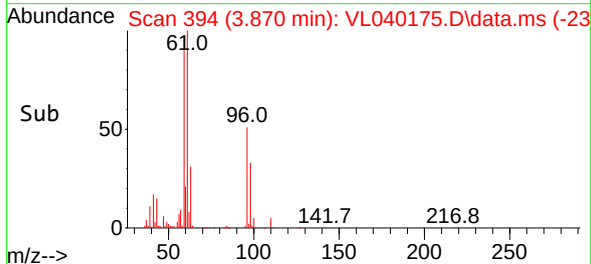
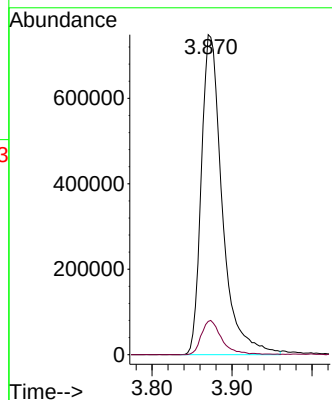
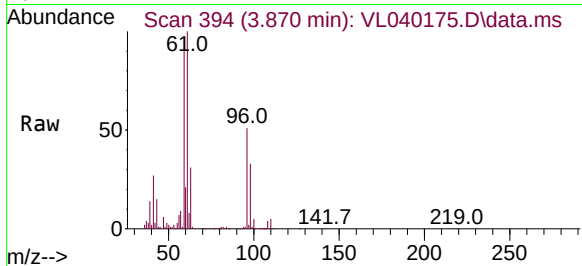
57 10.5 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#18

1,1-Dichloroethene

Concen: 13.309 ppbv

RT: 3.873 min Scan# 395

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

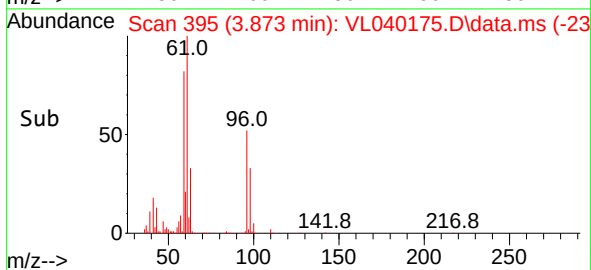
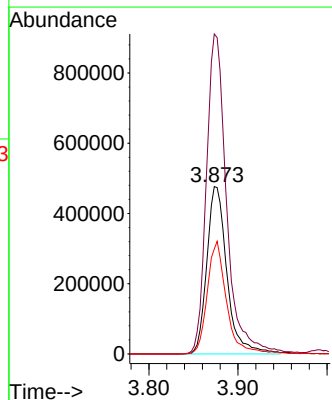
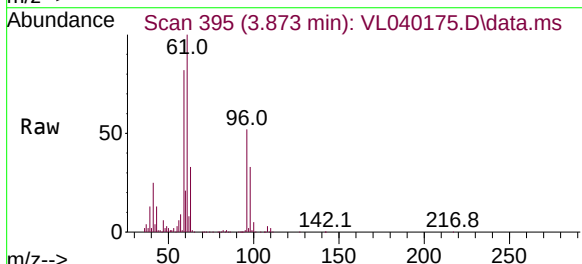
Tgt Ion: 96 Resp: 748710

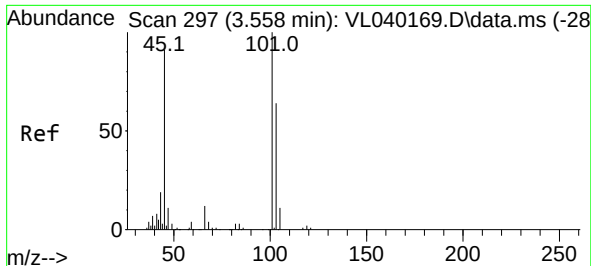
Ion Ratio Lower Upper

96 100

61 191.3 149.6 224.4

98 62.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 11.428 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 45 Resp: 65998

Ion Ratio Lower Upper

45 100

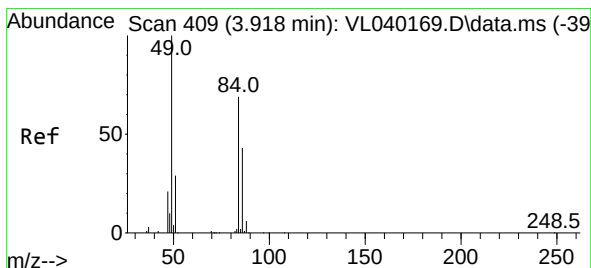
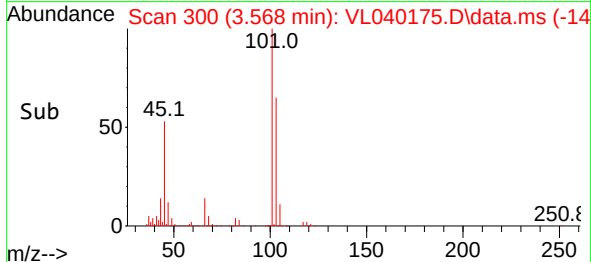
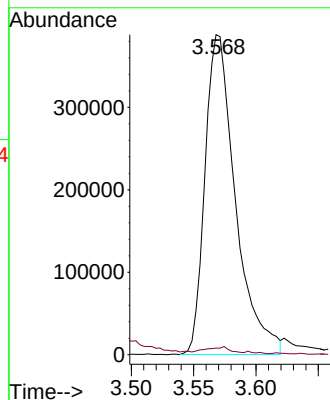
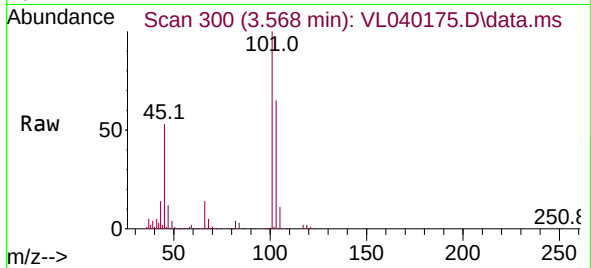
58 3.5 2.6 3.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#20

Methylene Chloride

Concen: 11.872 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion: 84 Resp: 618260

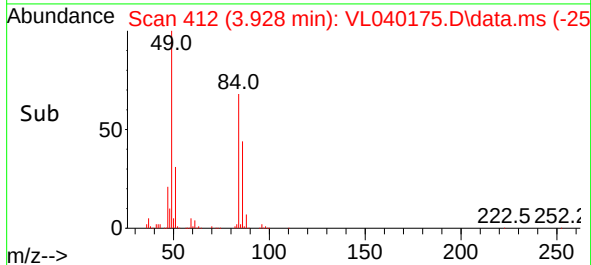
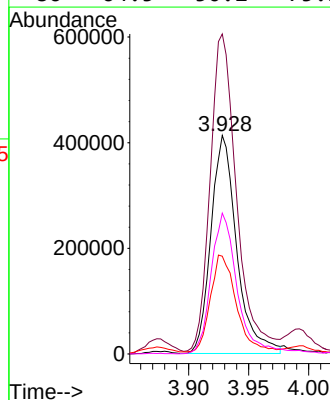
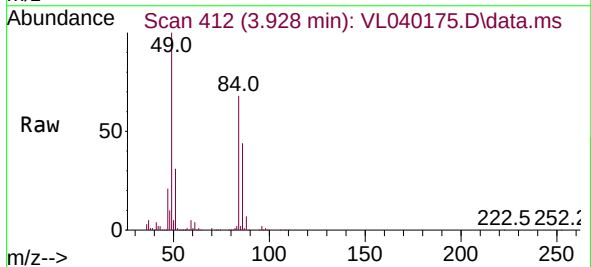
Ion Ratio Lower Upper

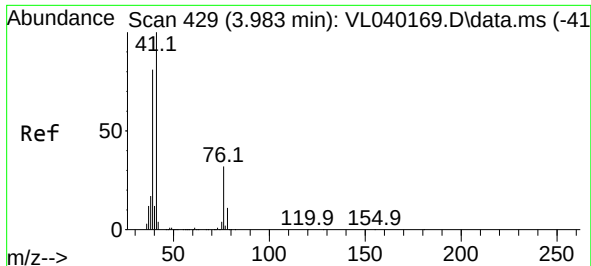
84 100

49 145.0 115.5 173.3

51 43.9 33.1 49.7

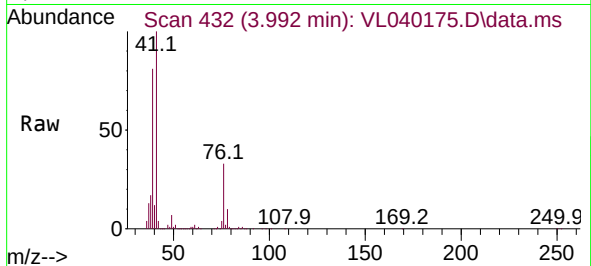
86 64.5 50.2 75.2





#21
 Allyl Chloride
 Concen: 14.042 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

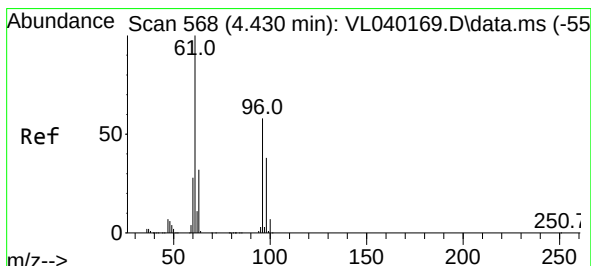
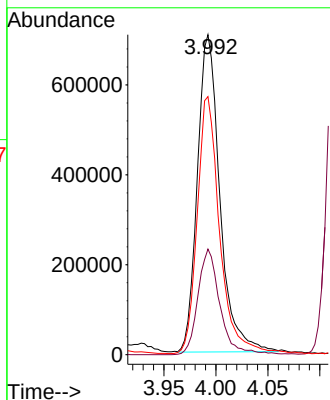
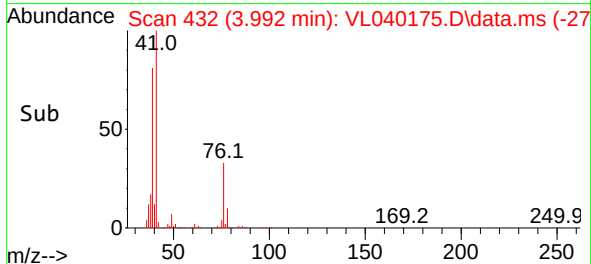
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 41 Resp: 106426
 Ion Ratio Lower Upper
 41 100
 76 32.6 25.5 38.3
 39 81.1 64.5 96.7

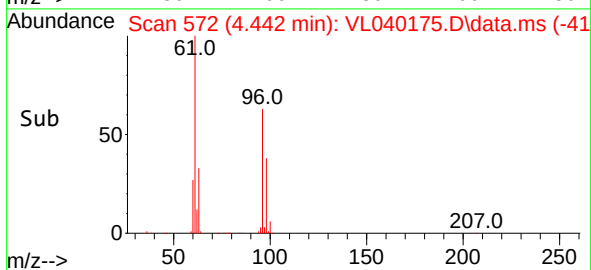
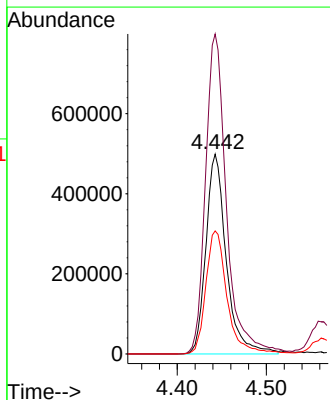
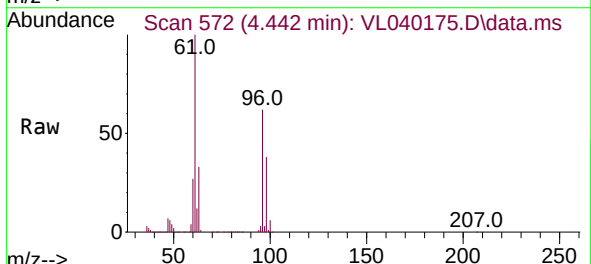
Manual Integrations
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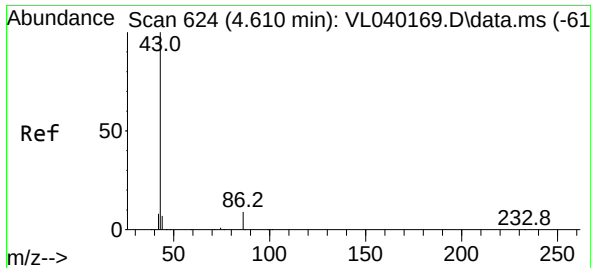
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#22
 trans-1,2-Dichloroethene
 Concen: 13.821 ppbv
 RT: 4.442 min Scan# 572
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

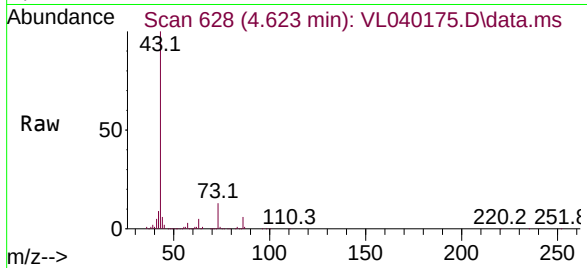
Tgt Ion: 96 Resp: 794441
 Ion Ratio Lower Upper
 96 100
 61 160.1 137.5 206.3
 98 61.5 52.8 79.2





#23
 Vinyl Acetate
 Concen: 13.866 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

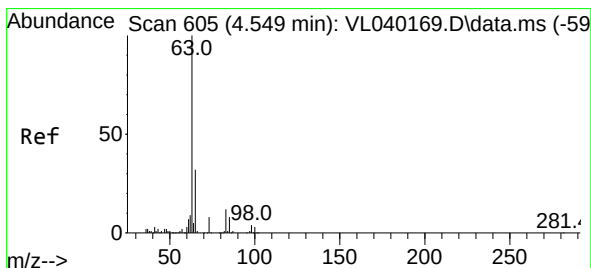
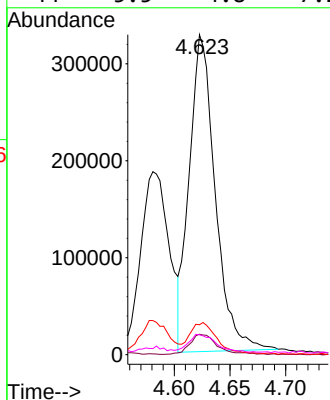
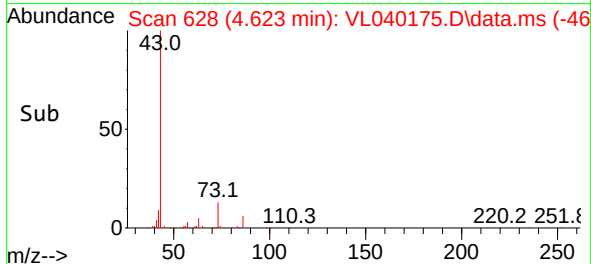
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



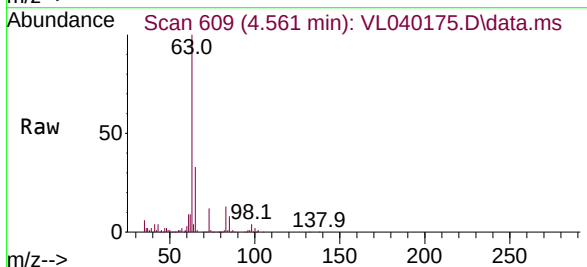
Tgt Ion: 43 Resp: 53056
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 9.4 7.6 11.4
 44 5.5 4.8 7.2

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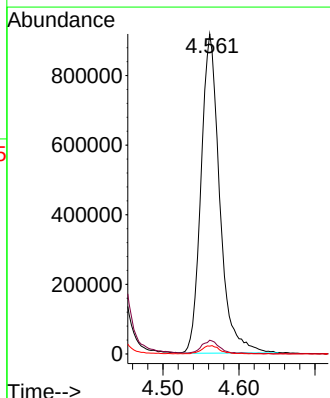
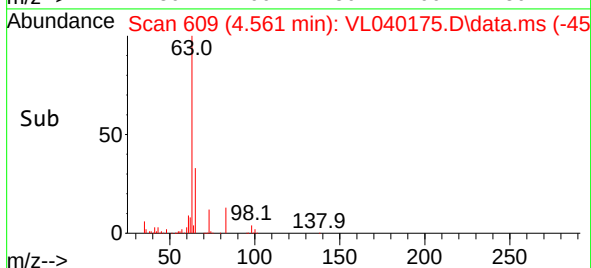
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

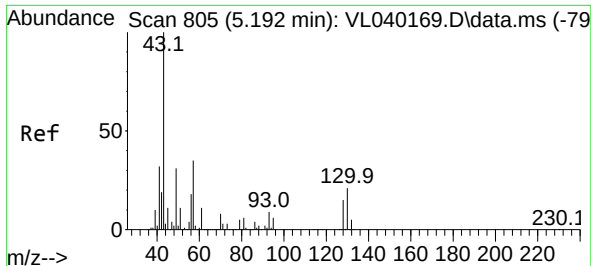


#24
 1,1-Dichloroethane
 Concen: 13.489 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18



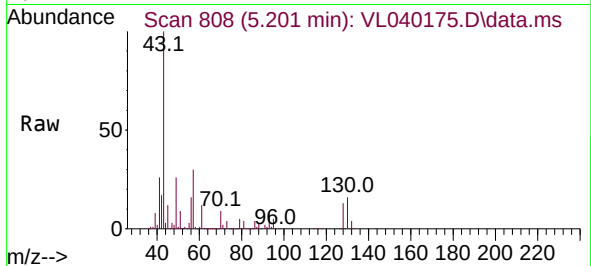
Tgt Ion: 63 Resp: 1562923
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 14.888 ppbv
RT: 5.201 min Scan# 805
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

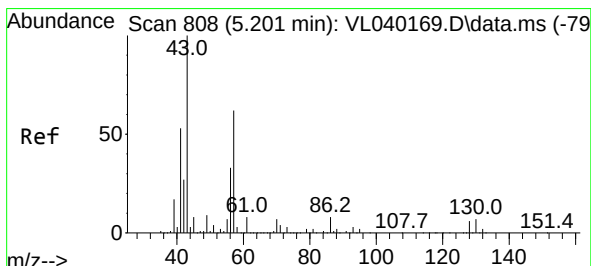
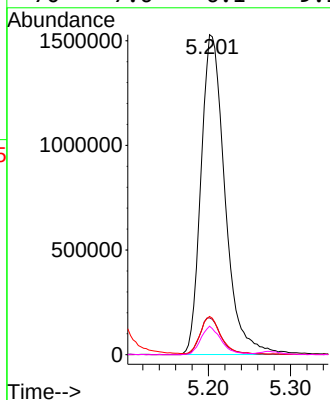
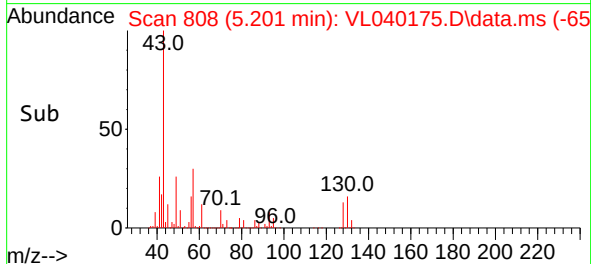
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



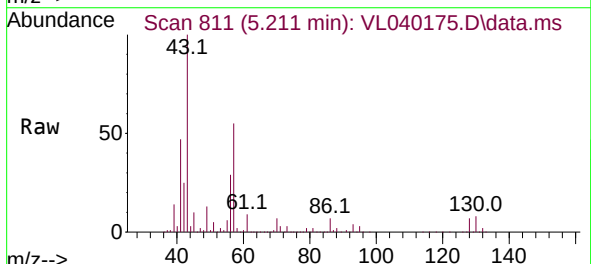
Tgt Ion: 43 Resp: 3095919
Ion Ratio Lower Upper
43 100
45 10.6 8.3 12.5
61 10.8 8.4 12.6
70 7.6 6.1 9.1

Manual Integrations
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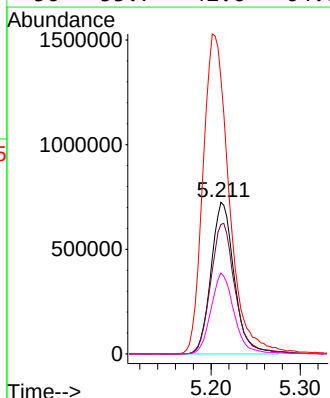
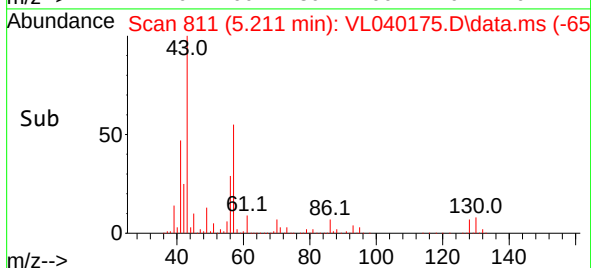
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

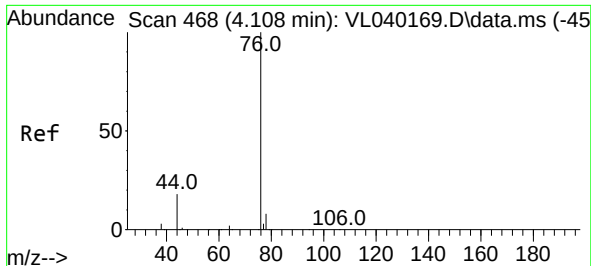


#26
Hexane
Concen: 14.364 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



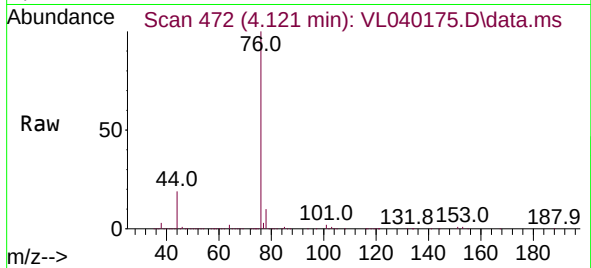
Tgt Ion: 57 Resp: 1307189
Ion Ratio Lower Upper
57 100
41 91.7 74.3 111.5
43 239.6 193.0 289.4
56 53.7 42.6 64.0





#27
Carbon Disulfide
Concen: 16.118 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

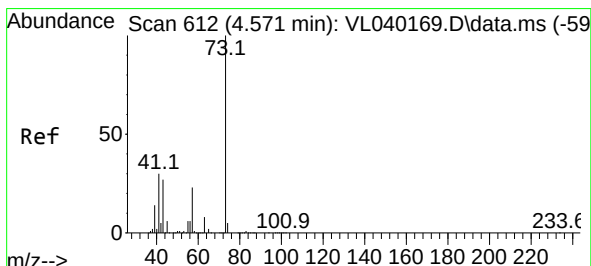
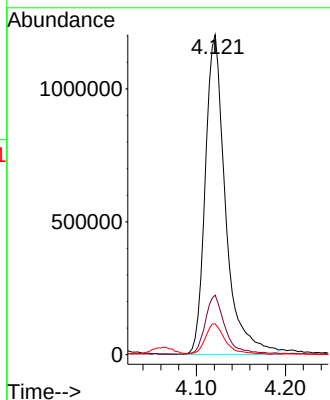
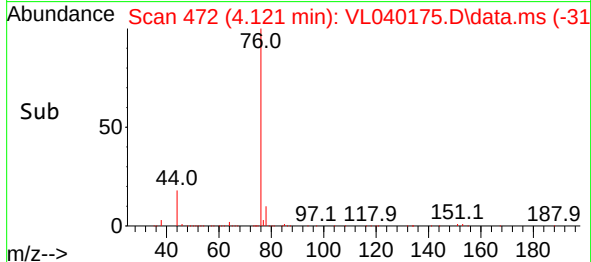
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



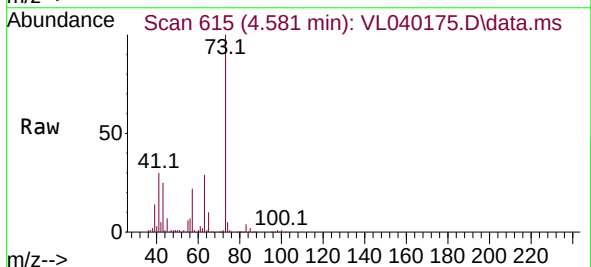
Tgt Ion: 76 Resp: 1900307
Ion Ratio Lower Upper
76 100
44 18.8 15.3 22.9
78 9.8 7.7 11.5

Manual Integrations
APPROVED

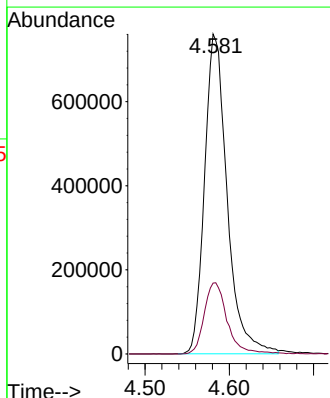
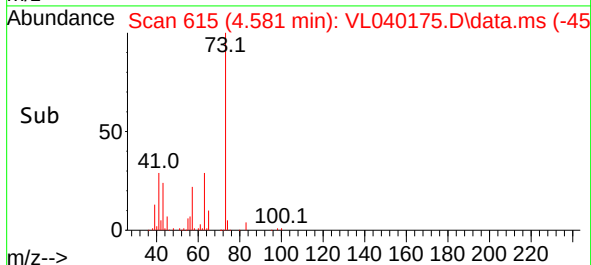
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

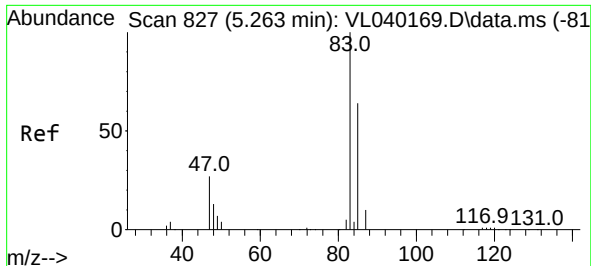


#28
Methyl tert-Butyl Ether
Concen: 13.835 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



Tgt Ion: 73 Resp: 1416388
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2





#29

Chloroform

Concen: 15.511 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 2256979

Ion Ratio Lower Upper

83 100

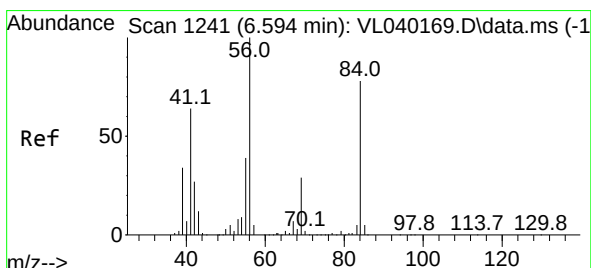
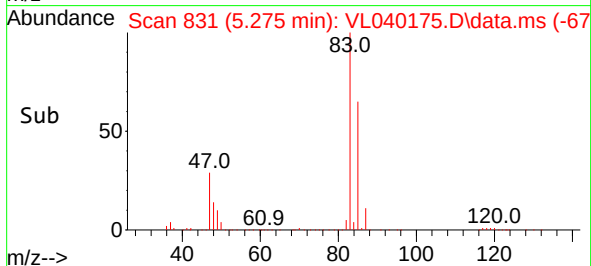
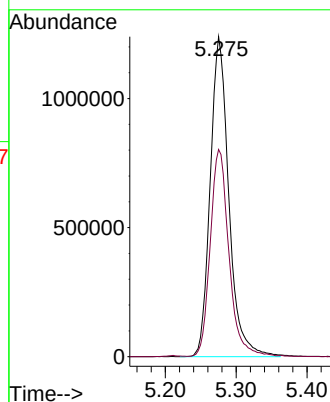
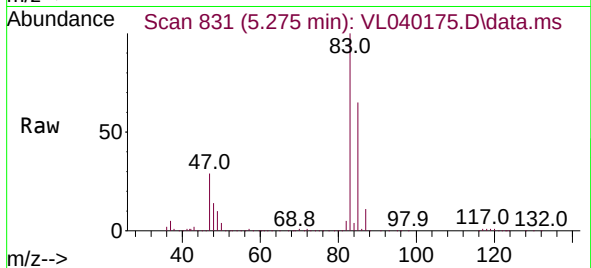
85 64.5 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#30

Cyclohexane

Concen: 15.449 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

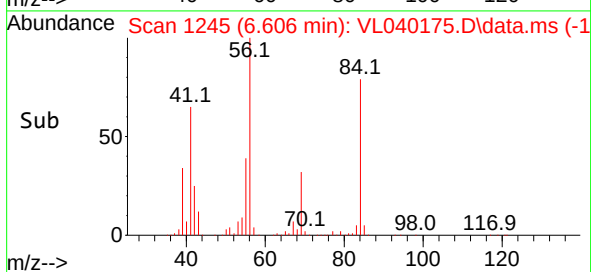
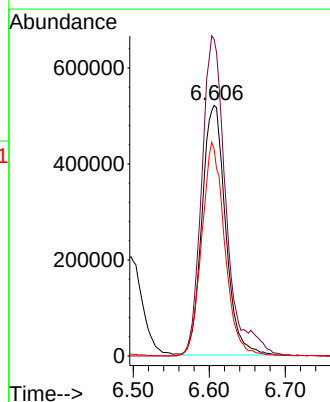
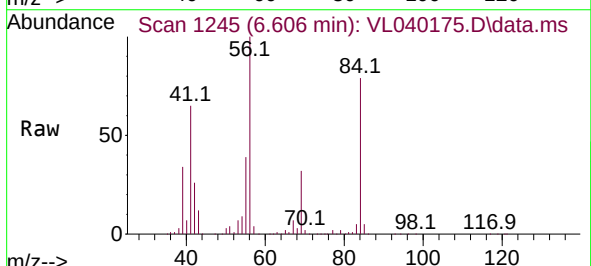
Tgt Ion: 84 Resp: 1117640

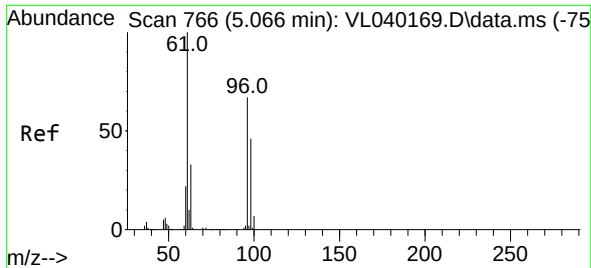
Ion Ratio Lower Upper

84 100

56 132.7 109.9 164.9

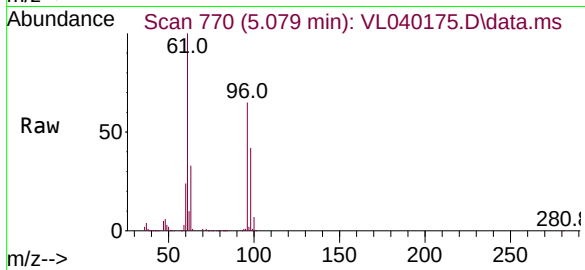
41 83.7 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 15.643 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

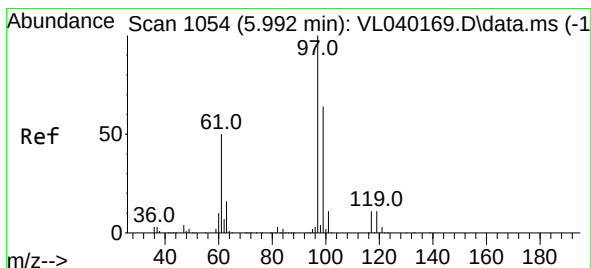
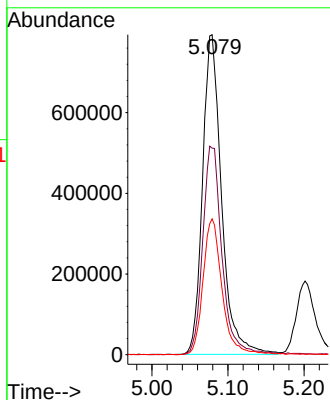
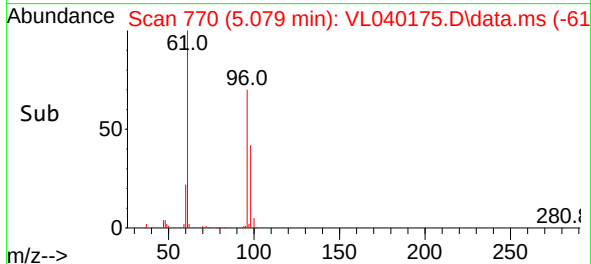
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 61 Resp: 137816
 Ion Ratio Lower Upper
 61 100
 96 64.6 53.7 80.5
 98 42.5 36.4 54.6

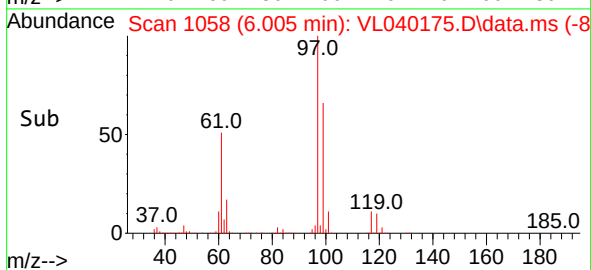
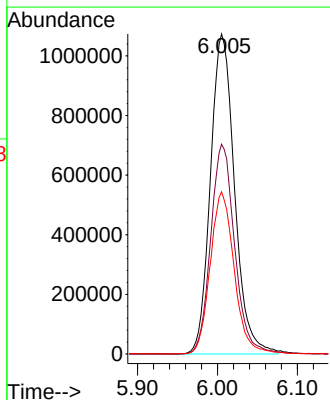
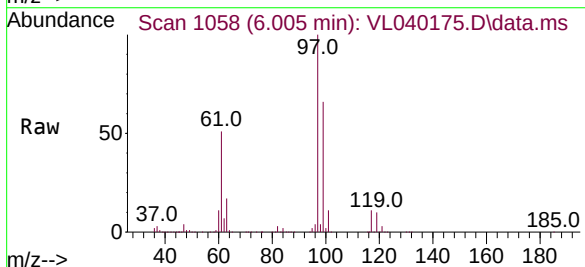
Manual Integrations
 APPROVED

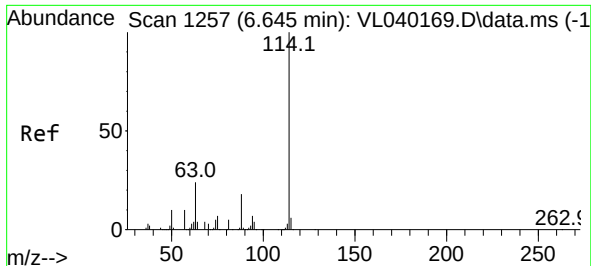
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#32
 1,1,1-Trichloroethane
 Concen: 15.190 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

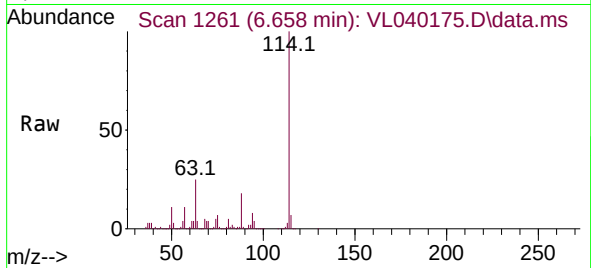
Tgt Ion: 97 Resp: 2246497
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.5 77.3
 61 50.7 40.6 60.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

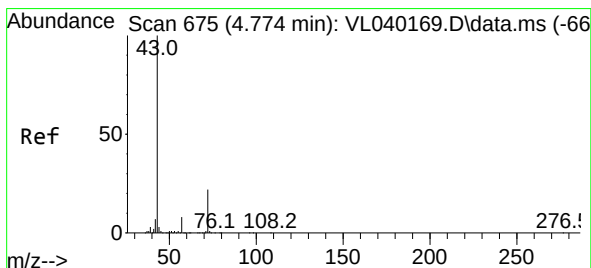
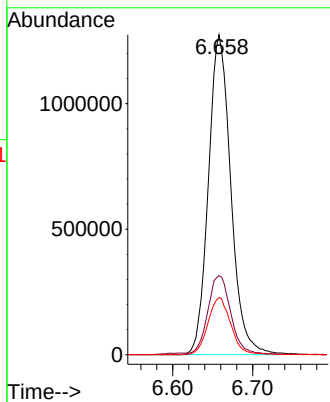
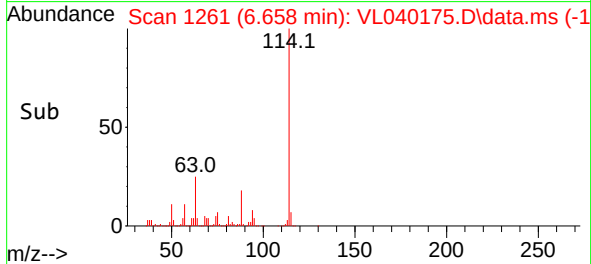
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



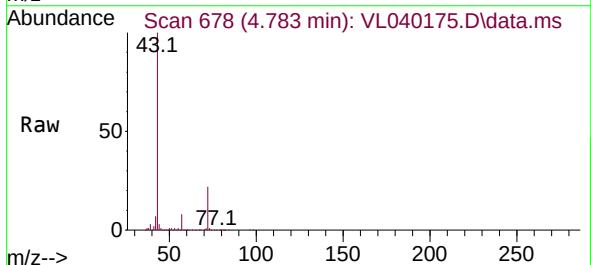
Tgt Ion:114 Resp: 2481700
Ion Ratio Lower Upper
114 100
63 26.1 20.4 30.6
88 18.2 14.3 21.5

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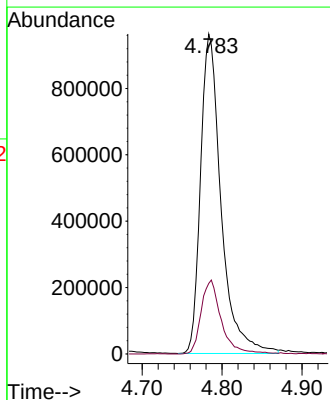
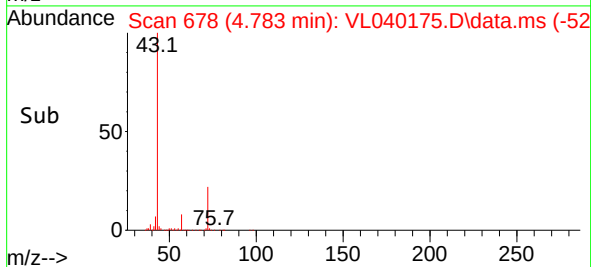
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

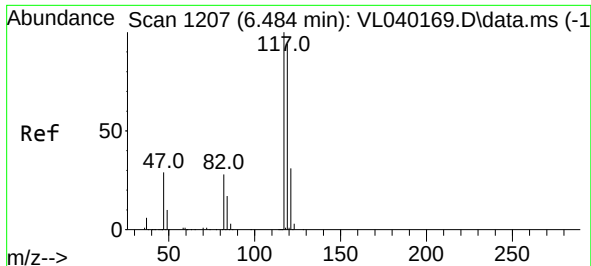


#34
2-Butanone
Concen: 14.633 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



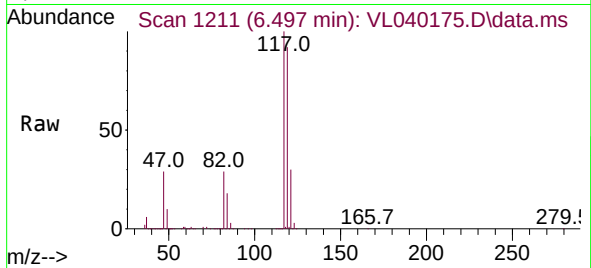
Tgt Ion: 43 Resp: 1717687
Ion Ratio Lower Upper
43 100
72 22.8 17.8 26.8





#35
Carbon Tetrachloride
Concen: 16.848 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

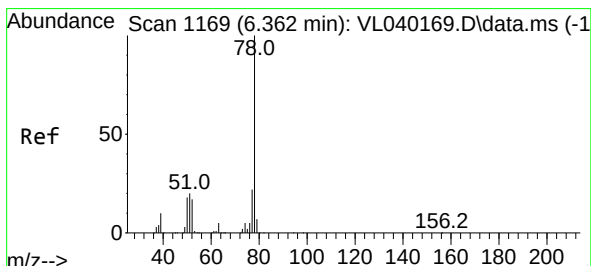
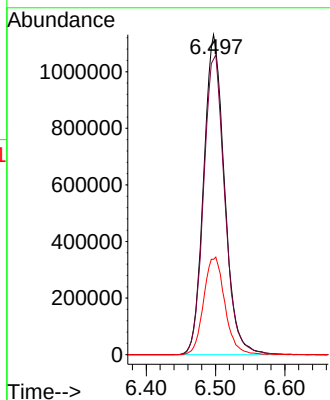
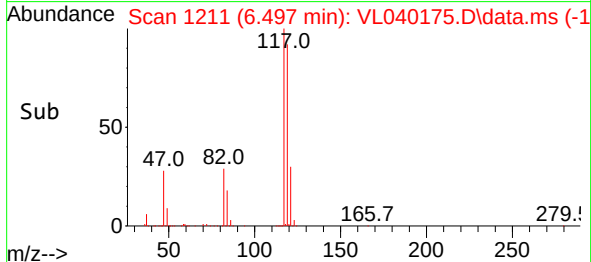
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 117 Resp: 236410
Ion Ratio Lower Upper
117 100
119 92.2 75.0 112.6
121 29.8 25.0 37.4

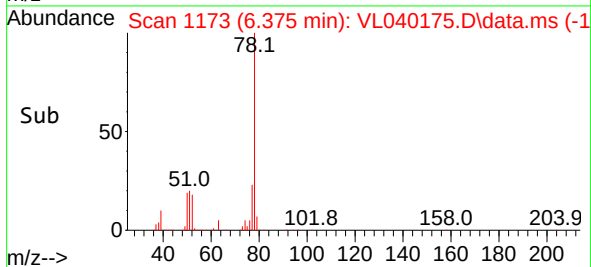
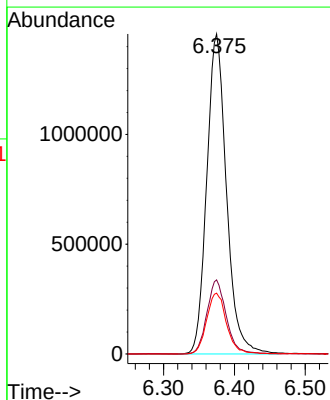
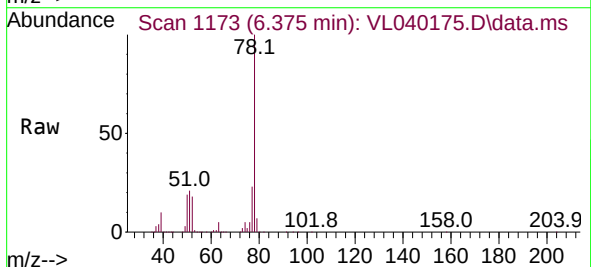
Manual Integrations
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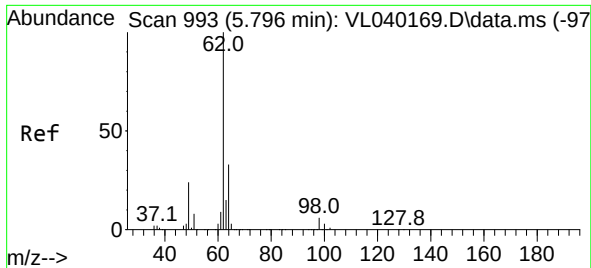
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
Benzene
Concen: 15.319 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

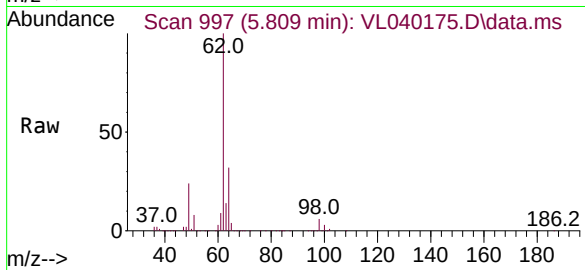
Tgt Ion: 78 Resp: 2813428
Ion Ratio Lower Upper
78 100
77 23.2 17.5 26.3
50 19.0 14.6 22.0





#37
1,2-Dichloroethane
Concen: 14.937 ppbv
RT: 5.809 min Scan# 993
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

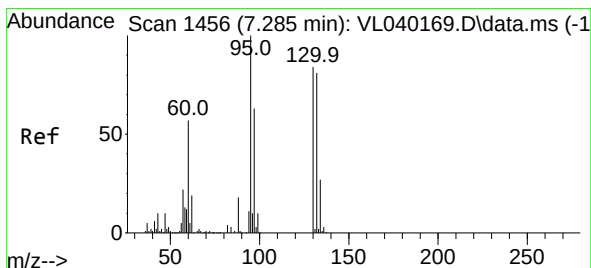
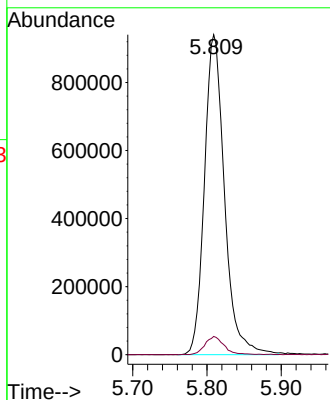
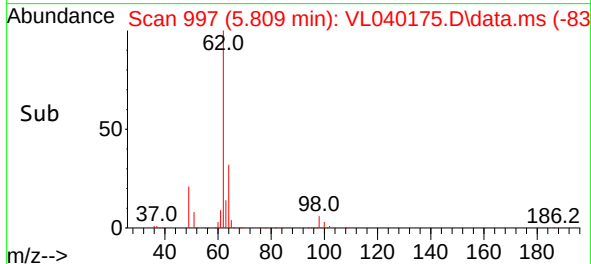
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 62 Resp: 1763254
Ion Ratio Lower Upper
62 100
98 5.5 4.7 7.1

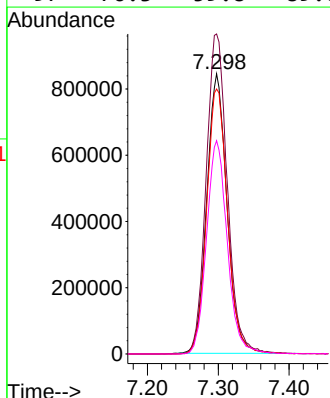
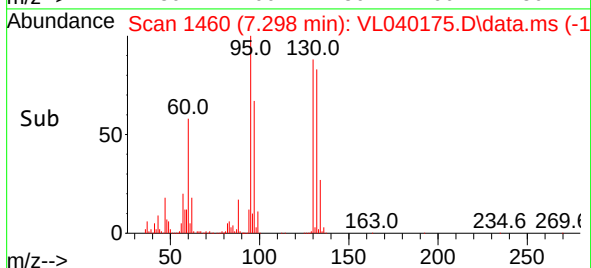
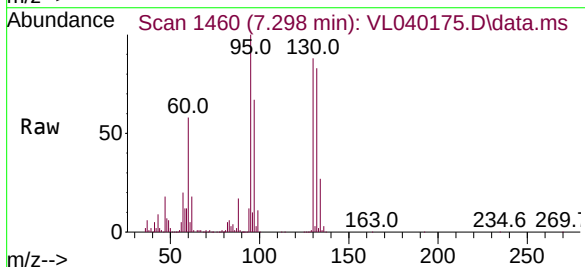
Manual Integrations
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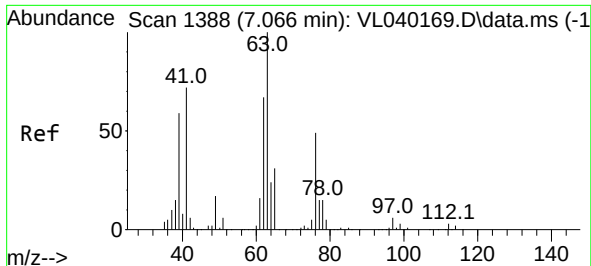
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Trichloroethene
Concen: 16.124 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:130 Resp: 1680628
Ion Ratio Lower Upper
130 100
95 114.4 94.7 142.1
132 94.8 76.4 114.6
97 76.3 59.8 89.6





#39

1,2-Dichloropropane

Concen: 15.116 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 63 Resp: 108585

Ion Ratio Lower Upper

63 100

41 73.3 57.6 86.4

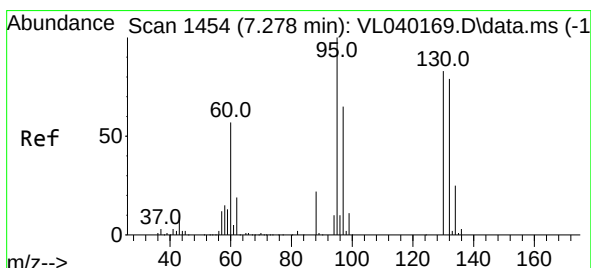
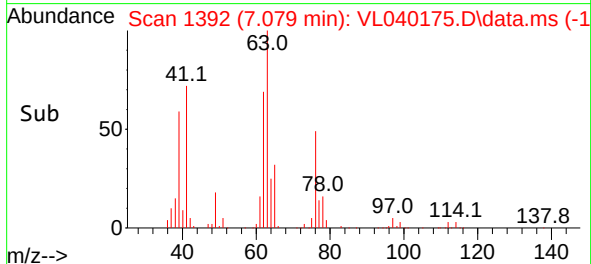
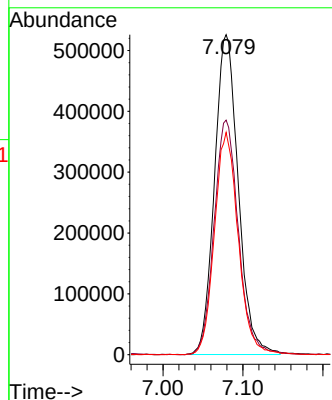
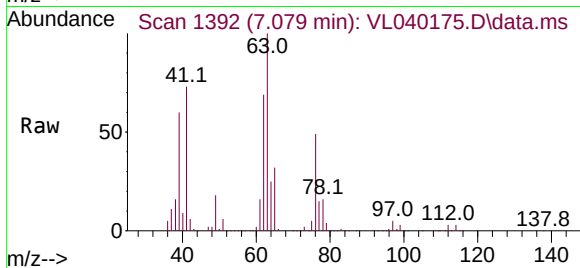
62 69.4 54.0 81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#40

1,4-Dioxane

Concen: 13.988 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion: 88 Resp: 398790

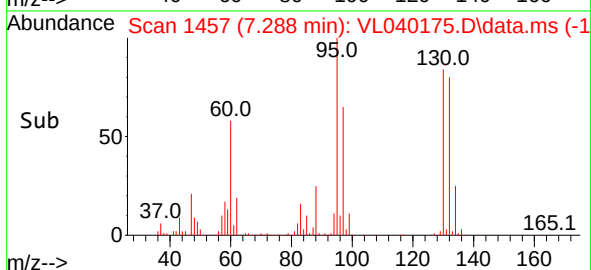
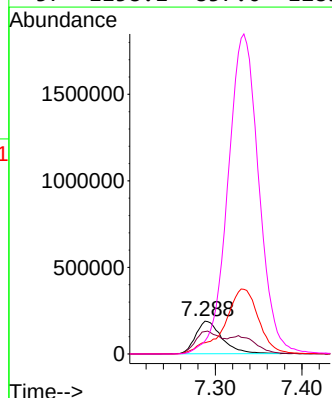
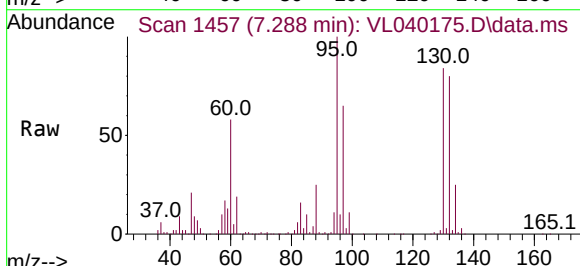
Ion Ratio Lower Upper

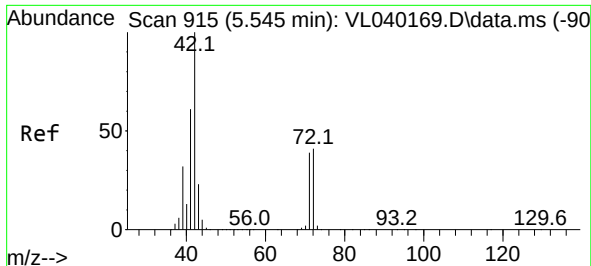
88 100

58 125.0 97.4 146.0

43 261.4 193.5 290.3

57 1158.1 857.0 1285.6





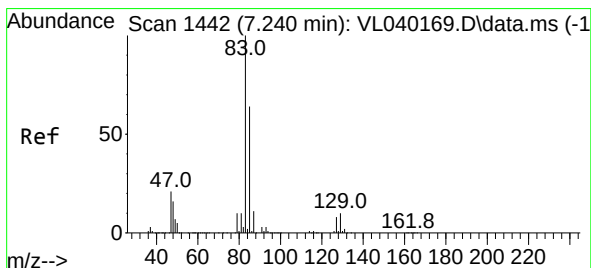
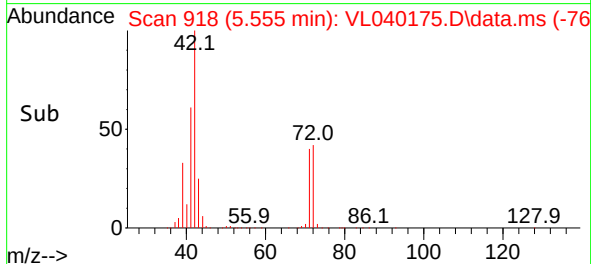
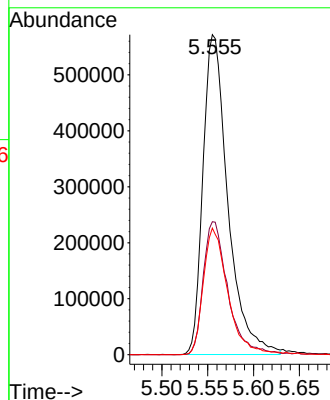
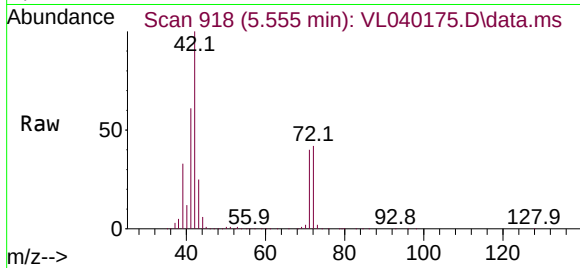
#41
Tetrahydrofuran
Concen: 15.938 ppbv
RT: 5.555 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 42 Resp: 1079858
Ion Ratio Lower Upper
42 100
72 41.6 33.0 49.4
71 39.3 31.4 47.2

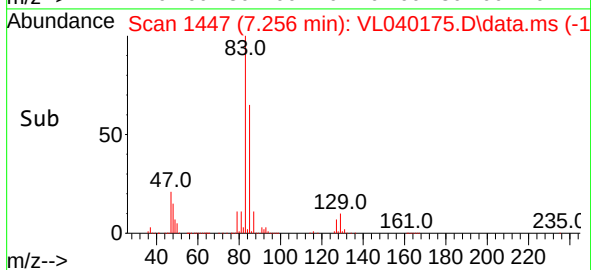
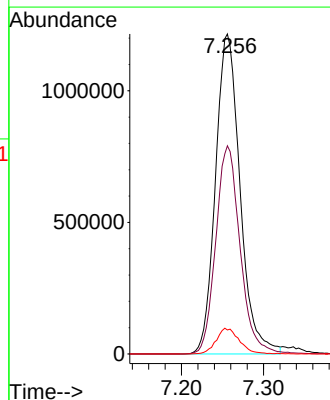
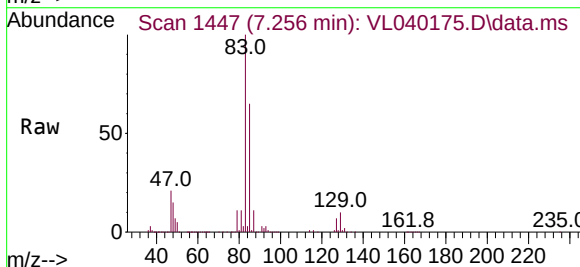
Manual Integrations
APPROVED

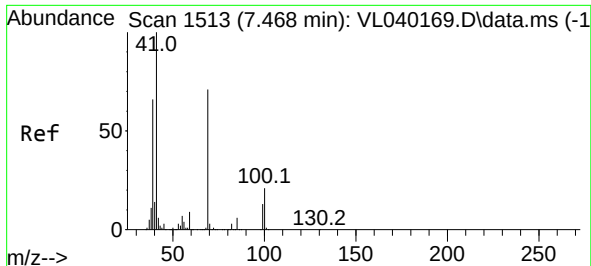
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Bromodichloromethane
Concen: 15.900 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

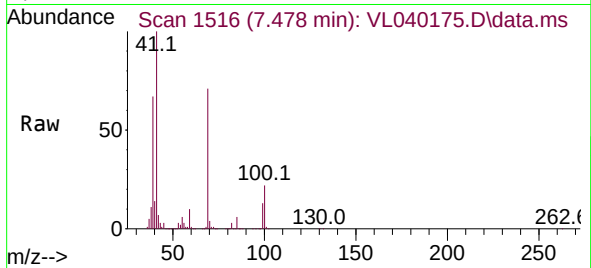
Tgt Ion: 83 Resp: 2534438
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 7.5 6.2 9.2





#43
Methyl Methacrylate
Concen: 17.059 ppbv
RT: 7.478 min Scan# 1470
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

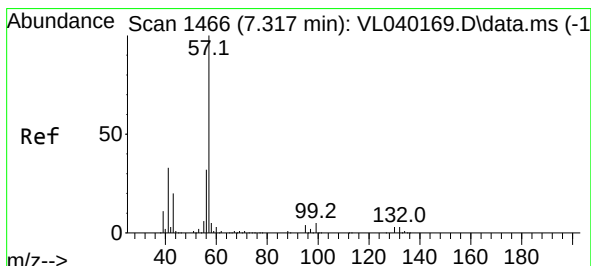
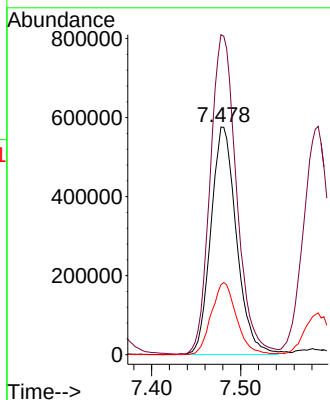
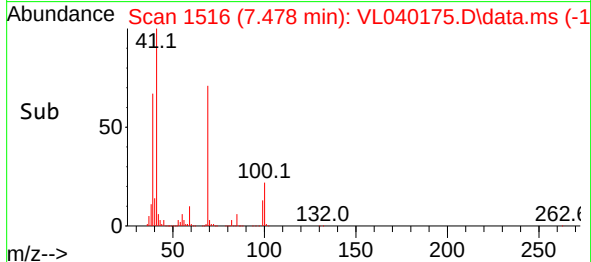
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



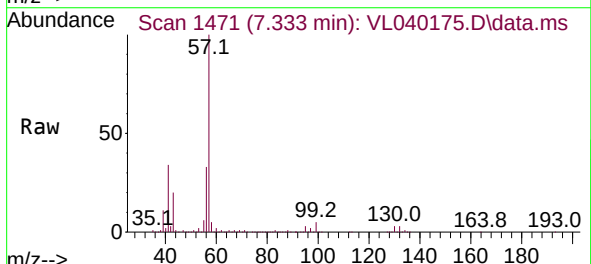
Tgt Ion: 69 Resp: 114968
Ion Ratio Lower Upper
69 100
41 144.6 116.6 174.8
100 31.1 25.6 38.4

Manual Integrations
APPROVED

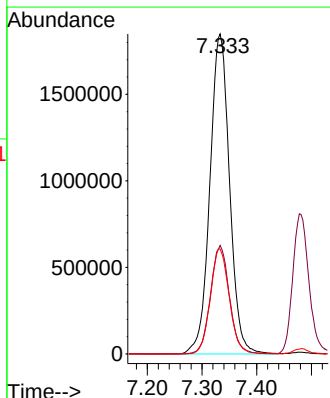
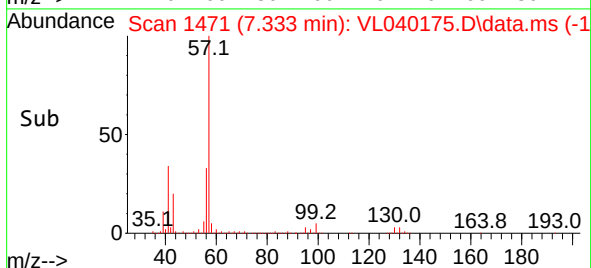
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

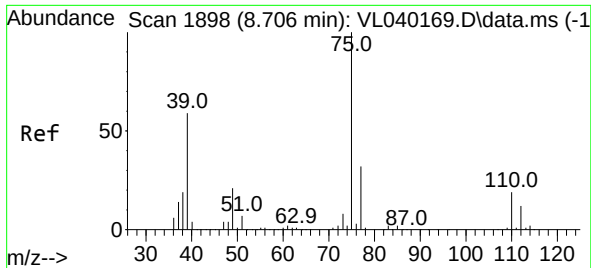


#44
2,2,4-Trimethylpentane
Concen: 15.108 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



Tgt Ion: 57 Resp: 4614240
Ion Ratio Lower Upper
57 100
41 32.8 26.2 39.4
56 31.6 24.9 37.3





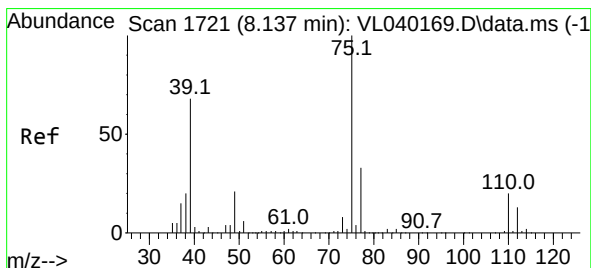
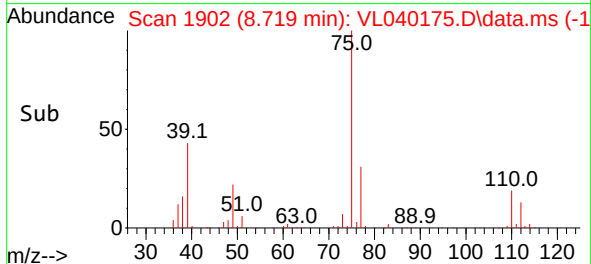
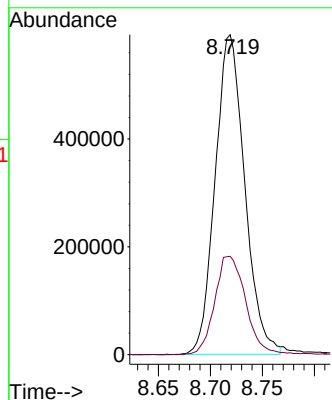
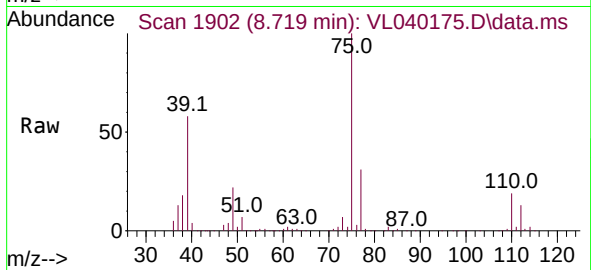
#45
 t-1,3-Dichloropropene
 Concen: 19.522 ppbv
 RT: 8.719 min Scan# 1898
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 75 Resp: 1173178
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5

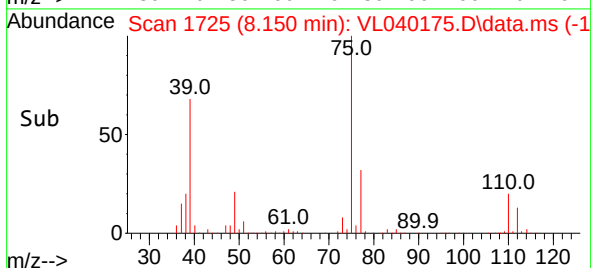
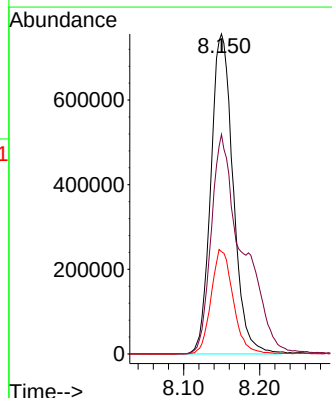
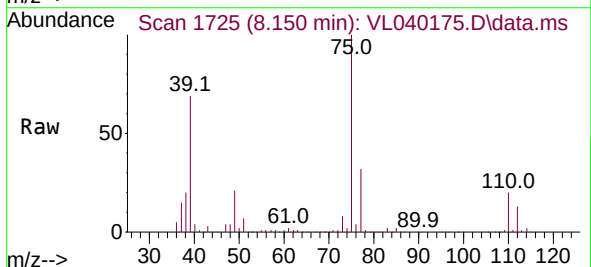
Manual Integrations
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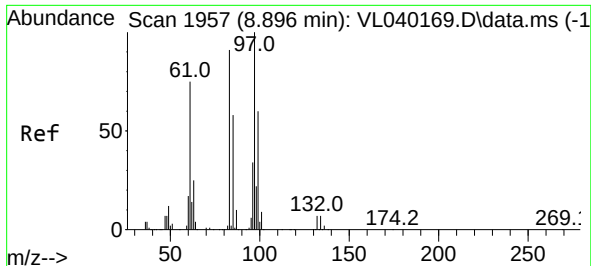
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#46
 cis-1,3-Dichloropropene
 Concen: 18.736 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.013 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

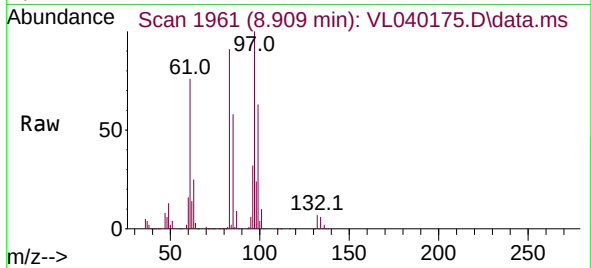
Tgt Ion: 75 Resp: 1538562
 Ion Ratio Lower Upper
 75 100
 39 68.5 54.2 81.2
 77 31.9 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 15.814 ppbv
RT: 8.909 min Scan# 1957
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

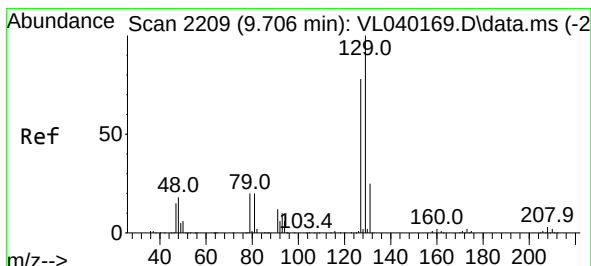
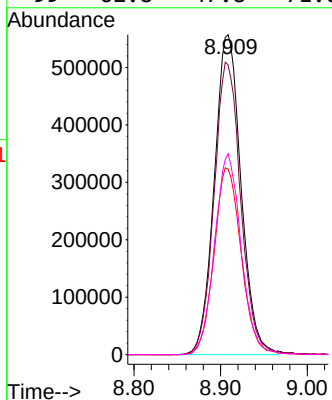
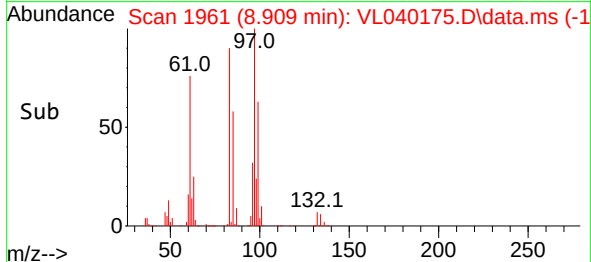


Tgt Ion: 97 Resp: 1196044

Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.8	109.2
85	58.1	46.6	69.8
99	62.8	47.8	71.6

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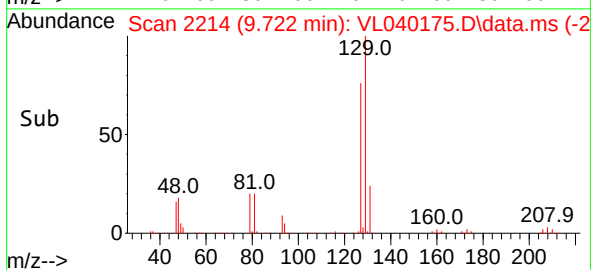
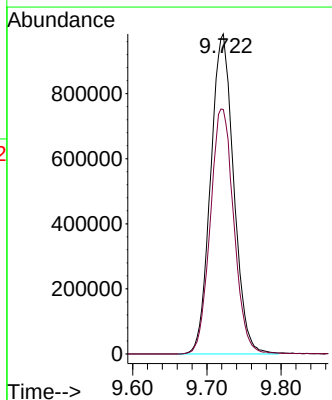
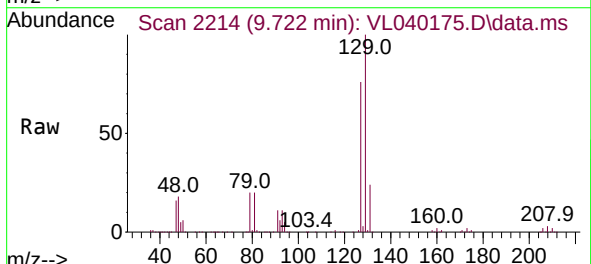
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

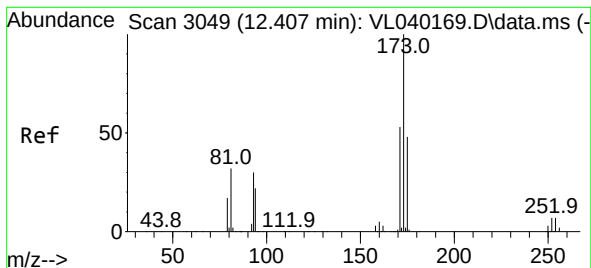


#48
Dibromochloromethane
Concen: 17.491 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion:129 Resp: 2126145

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2





#49

Bromoform

Concen: 18.299 ppbv

RT: 12.423 min Scan# 3049

Delta R.T. 0.016 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:173 Resp: 171354

Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.0

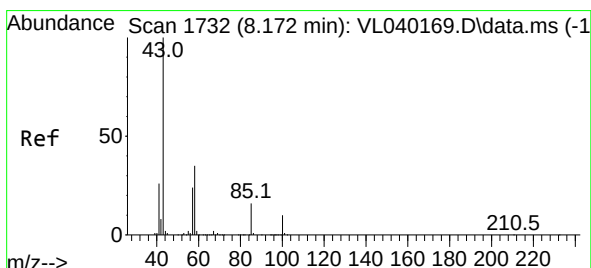
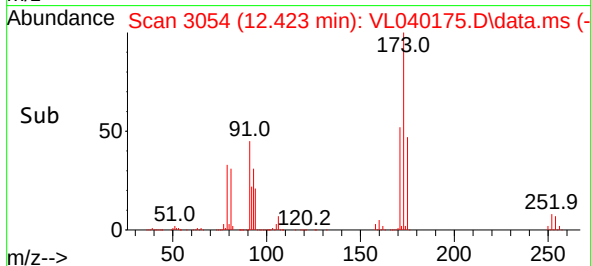
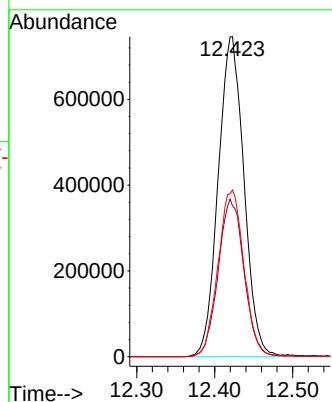
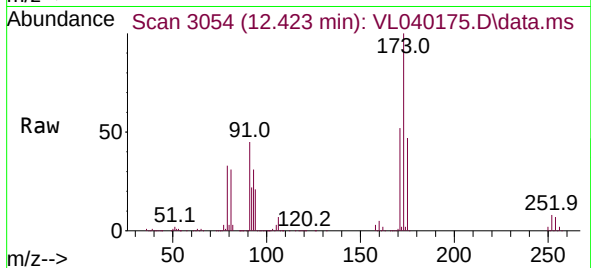
171 52.7 41.8 62.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#50

4-Methyl-2-Pentanone

Concen: 15.861 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.013 min

Lab File: VL040175.D

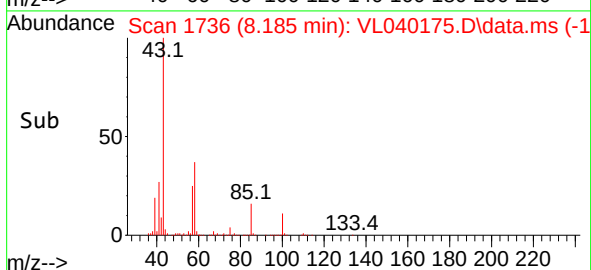
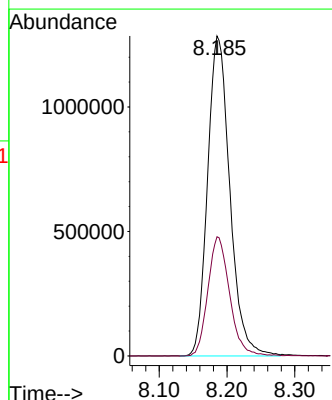
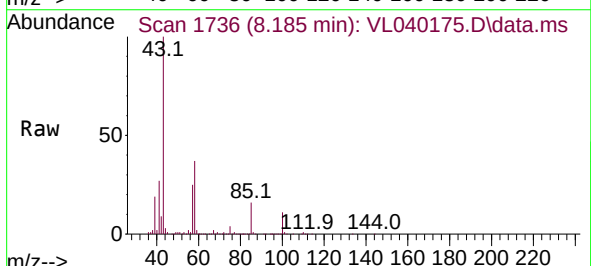
Acq: 15 Feb 2023 14:18

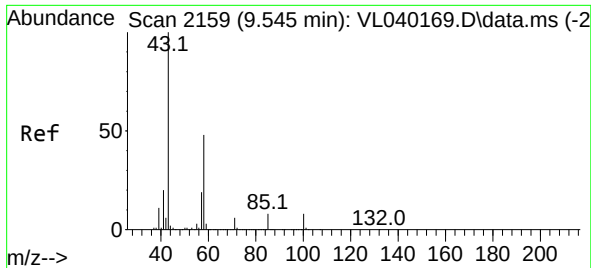
Tgt Ion: 43 Resp: 2928530

Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8





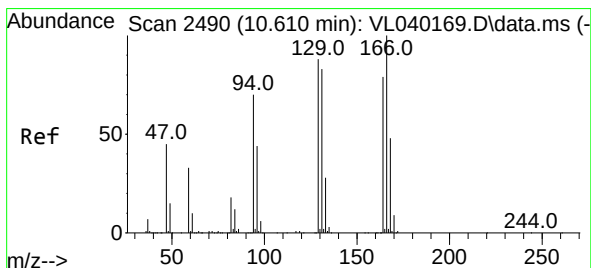
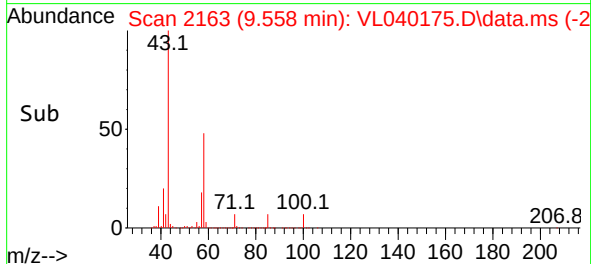
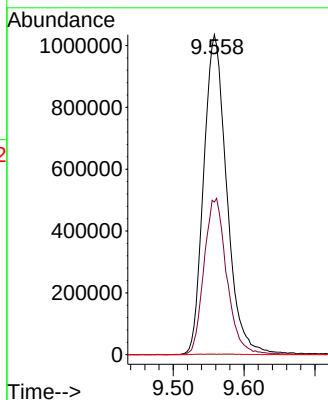
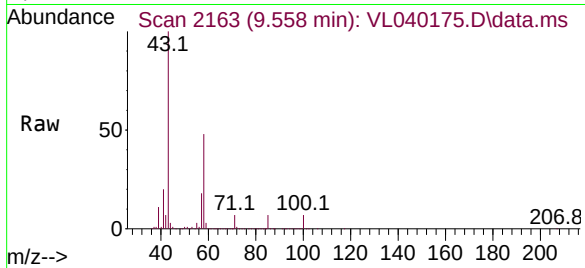
#51
2-Hexanone
Concen: 16.711 ppbv
RT: 9.558 min Scan# 2159
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2337690
Ion Ratio Lower Upper
43 100
58 48.6 39.1 58.7
98 0.4 0.2 0.4

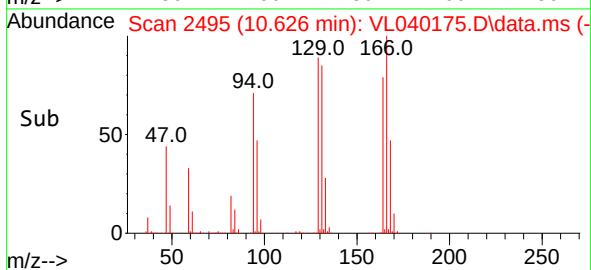
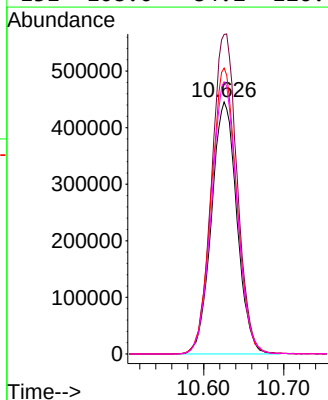
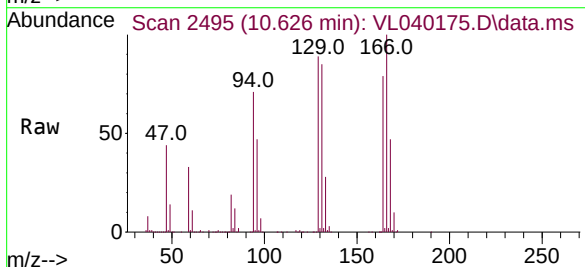
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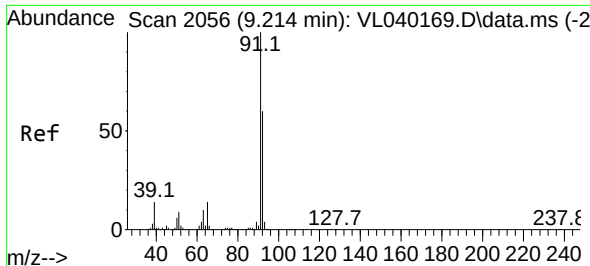
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
Tetrachloroethene
Concen: 16.319 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

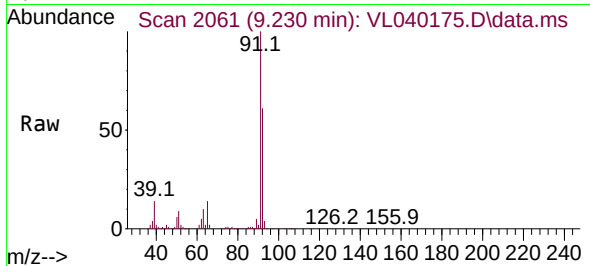
Tgt Ion:164 Resp: 980408
Ion Ratio Lower Upper
164 100
166 126.7 101.5 152.3
129 113.3 89.0 133.4
131 108.0 84.2 126.4





#53
Toluene
Concen: 16.629 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

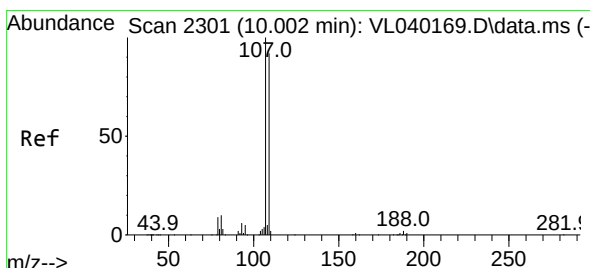
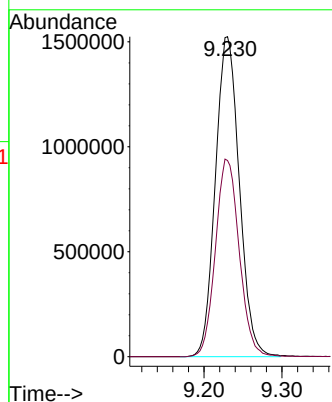
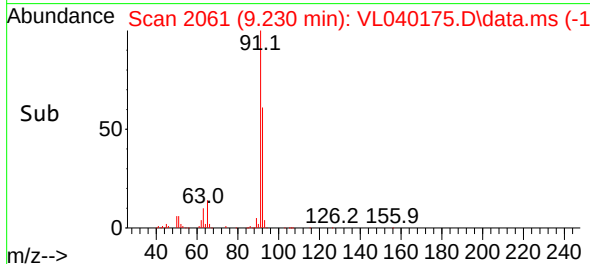
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



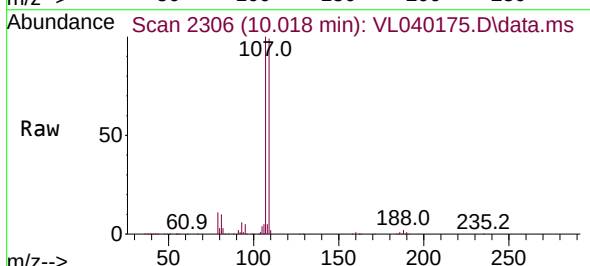
Tgt Ion: 91 Resp: 3257290
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3

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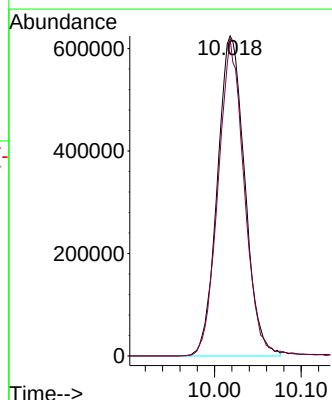
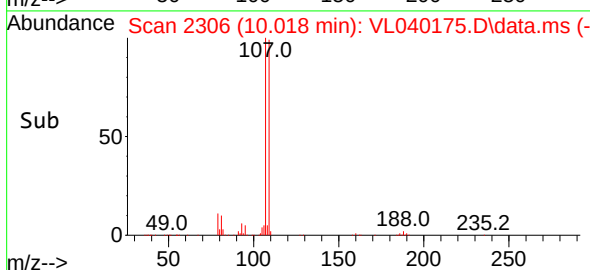
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

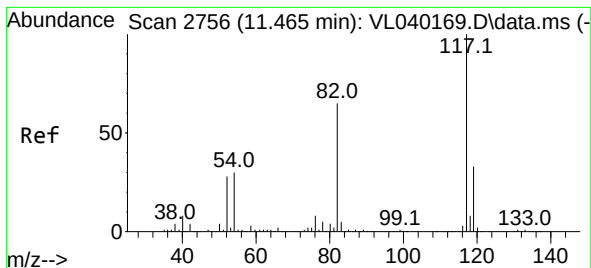


#54
1,2-Dibromoethane
Concen: 17.285 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



Tgt Ion:107 Resp: 1368638
Ion Ratio Lower Upper
107 100
109 99.1 73.8 110.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 2756

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:117 Resp: 2457794

Ion Ratio Lower Upper

117 100

82 68.3 53.3 79.9

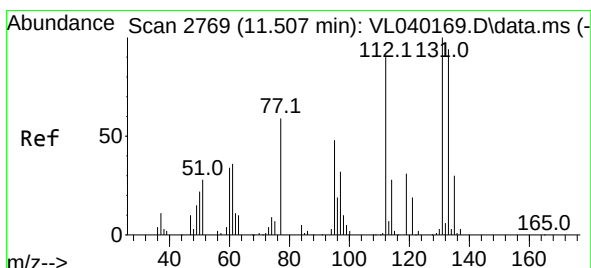
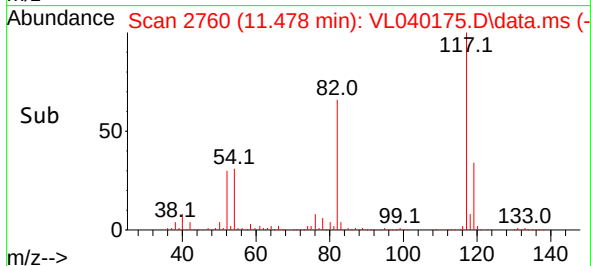
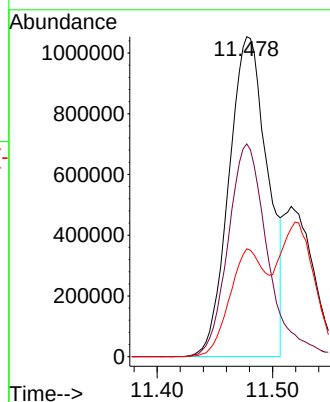
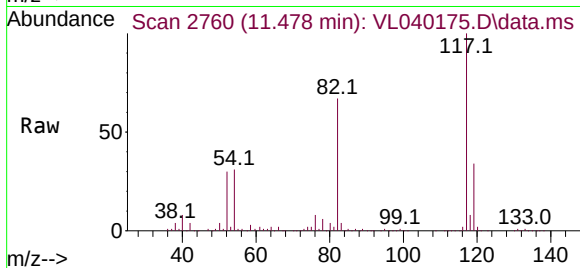
119 30.6 24.6 37.0

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 15.545 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

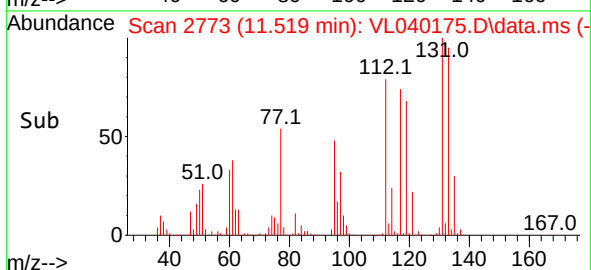
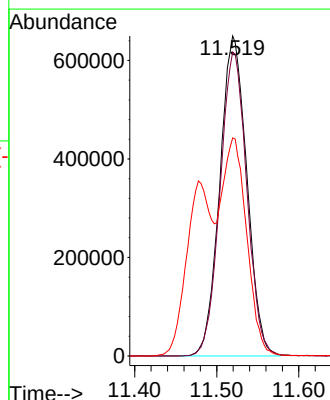
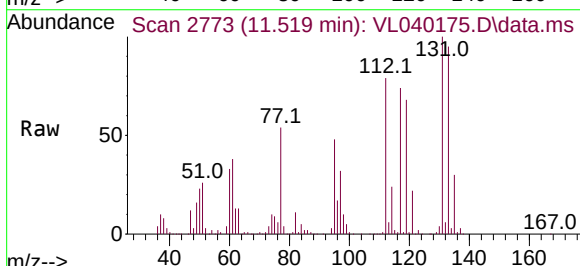
Tgt Ion:131 Resp: 1487010

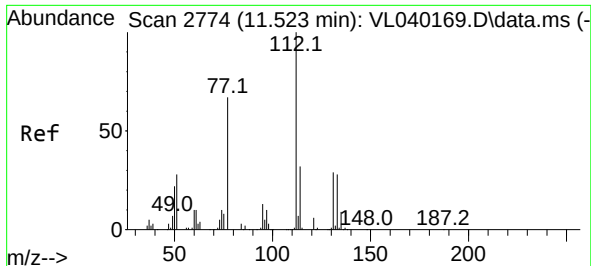
Ion Ratio Lower Upper

131 100

133 94.4 76.2 114.2

119 62.2 45.4 68.0





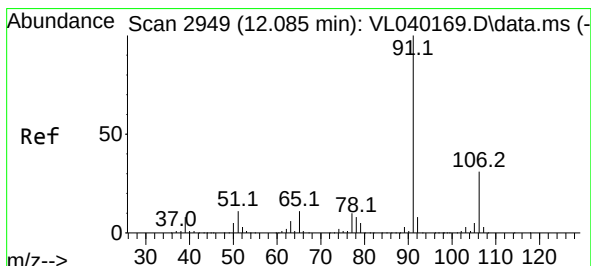
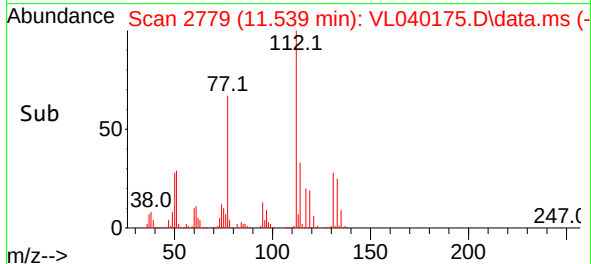
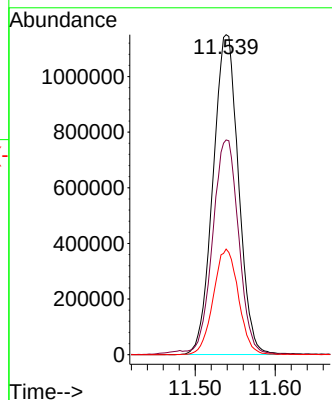
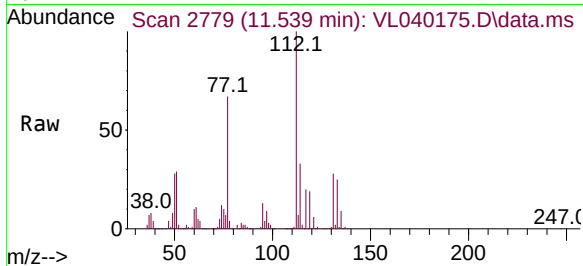
#57
Chlorobenzene
Concen: 15.194 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:112 Resp: 254549
Ion Ratio Lower Upper
112 100
77 66.8 55.0 82.4
114 32.9 29.0 35.4

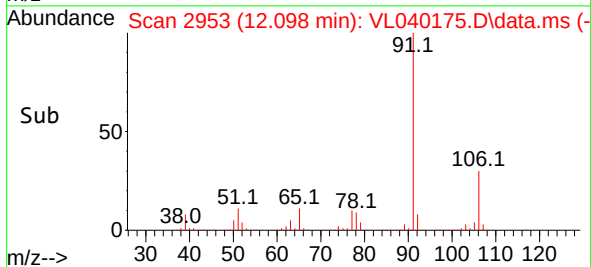
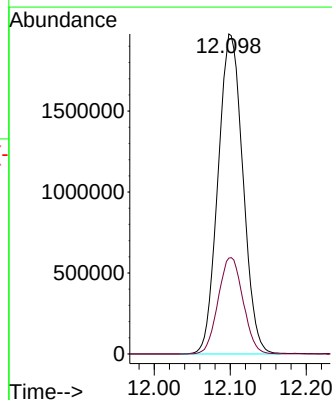
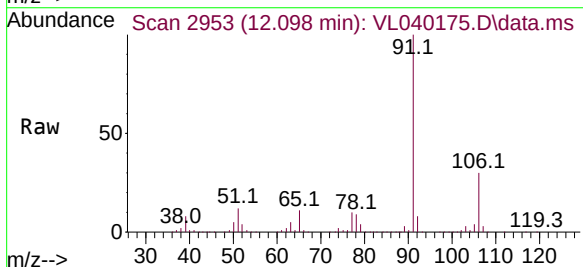
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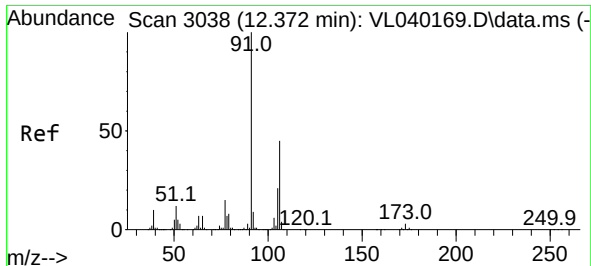
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
Ethyl Benzene
Concen: 16.345 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Tgt Ion: 91 Resp: 4482948
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3





#59

m/p-Xylene

Concen: 31.170 ppbv m

RT: 12.384 min Scan# 3042

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 7687029

Ion Ratio Lower Upper

91 100

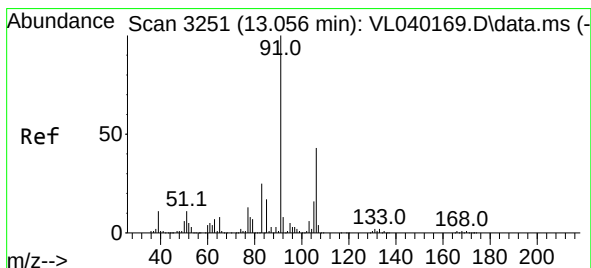
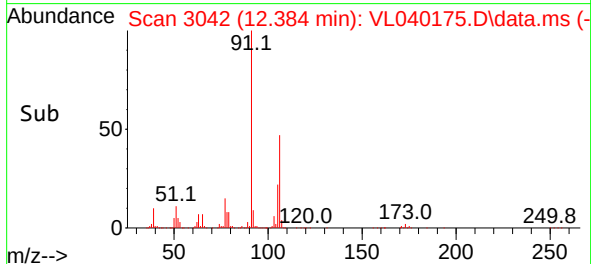
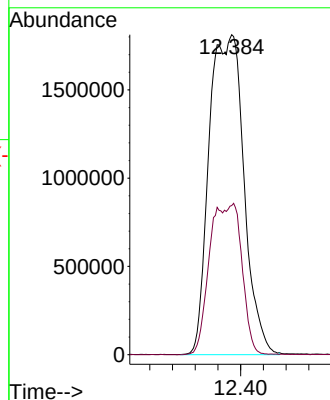
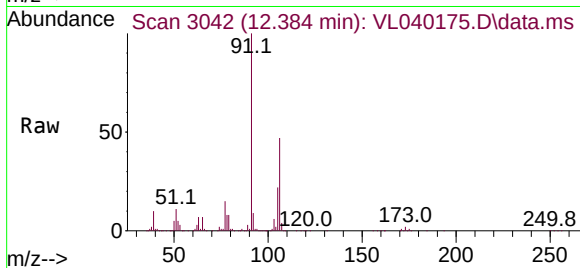
106 43.9 34.6 51.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#60

o-Xylene

Concen: 15.884 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.016 min

Lab File: VL040175.D

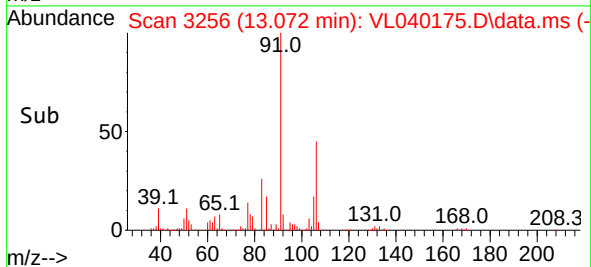
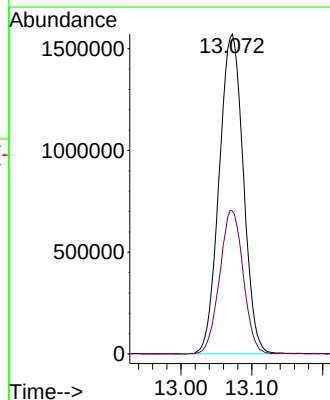
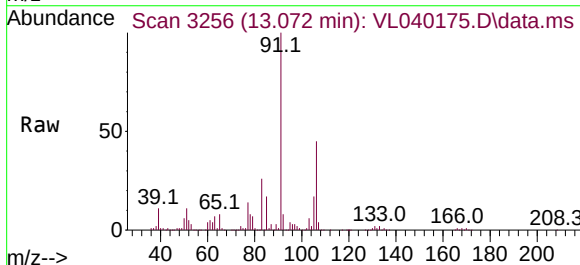
Acq: 15 Feb 2023 14:18

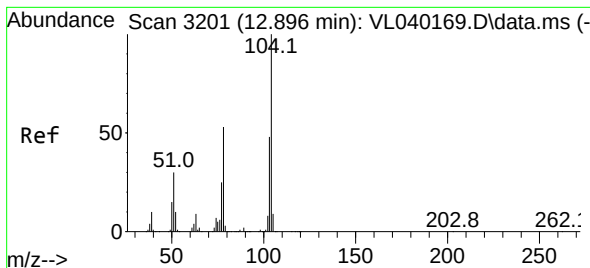
Tgt Ion: 91 Resp: 3718321

Ion Ratio Lower Upper

91 100

106 44.0 21.6 65.0





#61

Styrene

Concen: 18.028 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.016 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:104 Resp: 219906

Ion Ratio Lower Upper

104 100

78 53.0 42.3 63.5

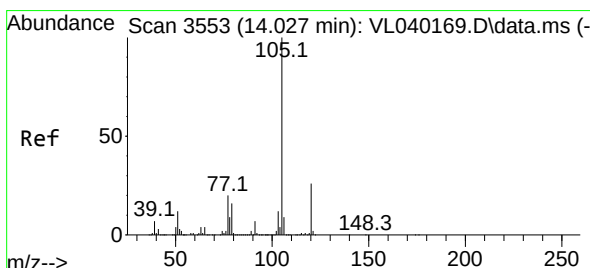
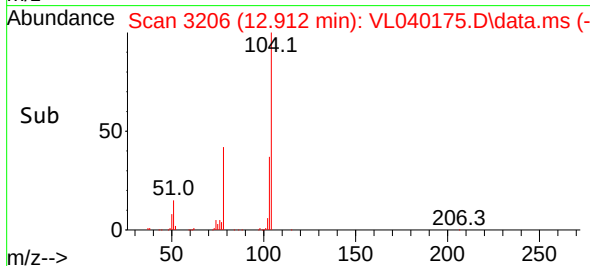
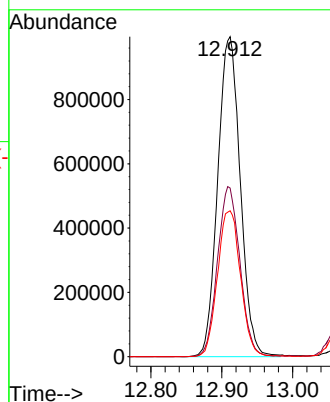
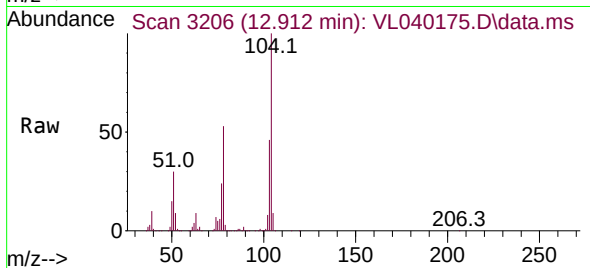
103 46.9 37.5 56.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#62

Isopropylbenzene

Concen: 15.436 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.013 min

Lab File: VL040175.D

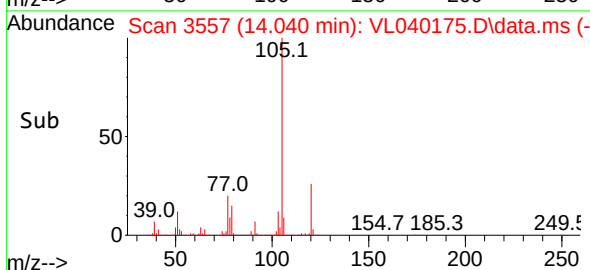
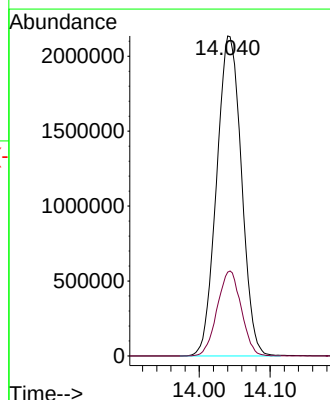
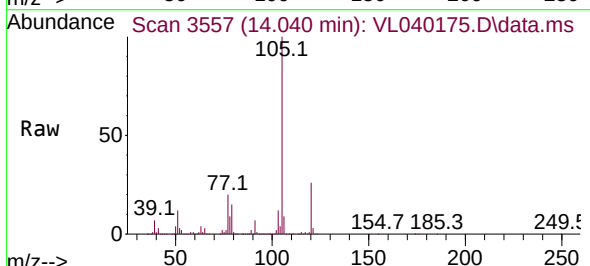
Acq: 15 Feb 2023 14:18

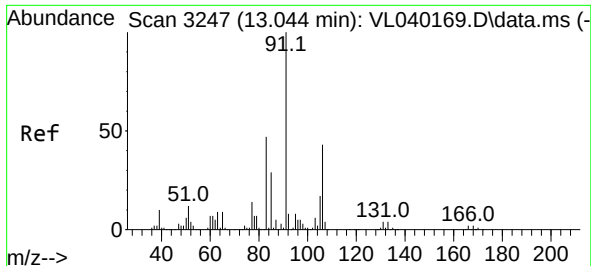
Tgt Ion:105 Resp: 5197080

Ion Ratio Lower Upper

105 100

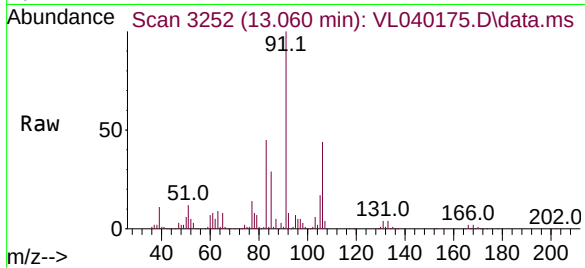
120 25.7 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 14.703 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

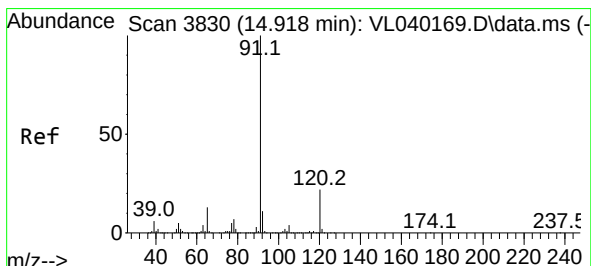
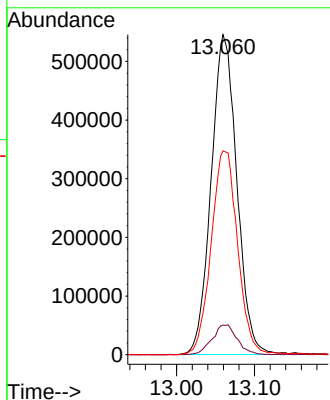
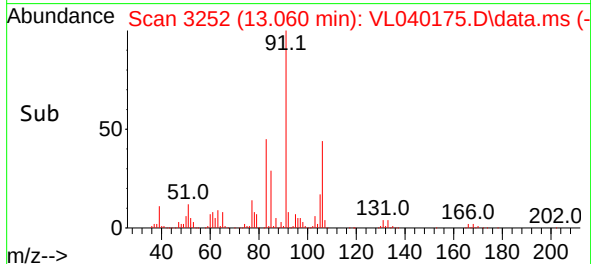
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 83 Resp: 1249674
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 66.1 33.0 99.0

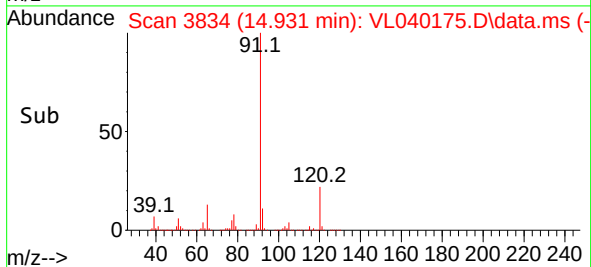
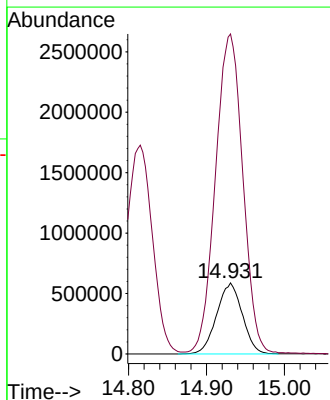
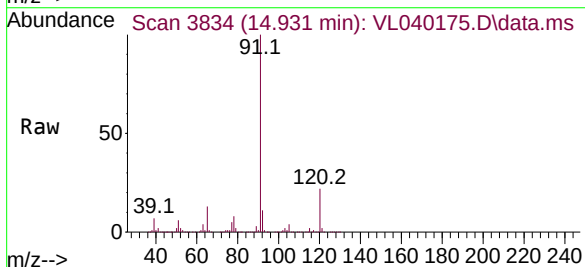
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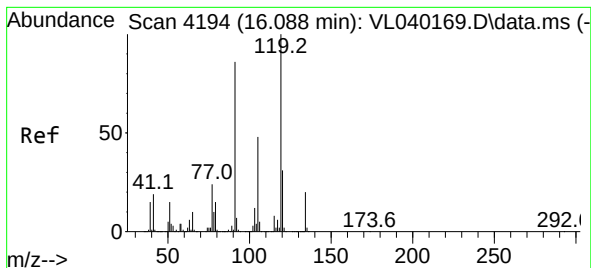
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
n-propylbenzene
Concen: 16.044 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

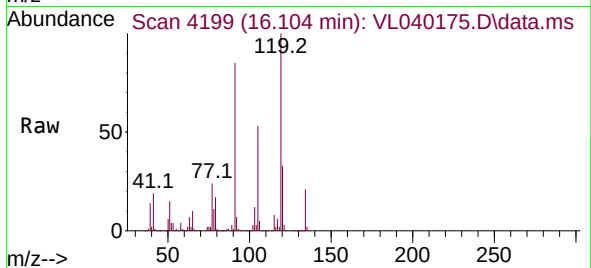
Tgt Ion:120 Resp: 1342803
Ion Ratio Lower Upper
120 100
91 482.4 389.8 584.8





#65
tert-Butylbenzene
Concen: 15.822 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

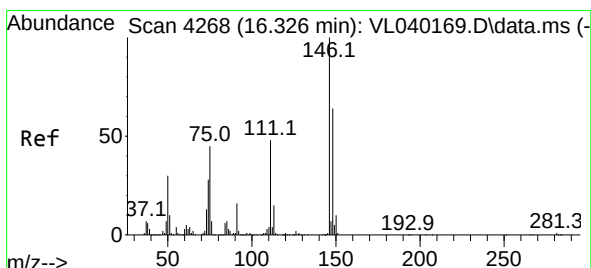
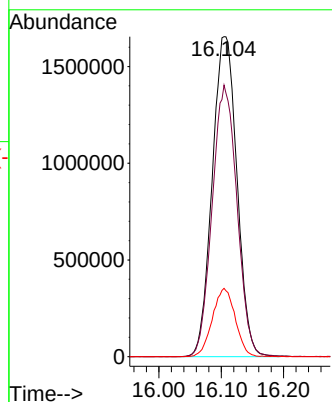
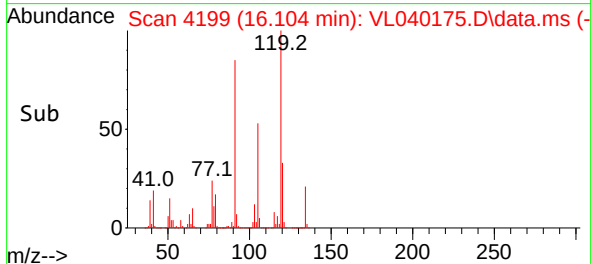
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:119 Resp: 456092
Ion Ratio Lower Upper
119 100
91 85.0 68.6 102.8
134 19.8 15.9 23.9

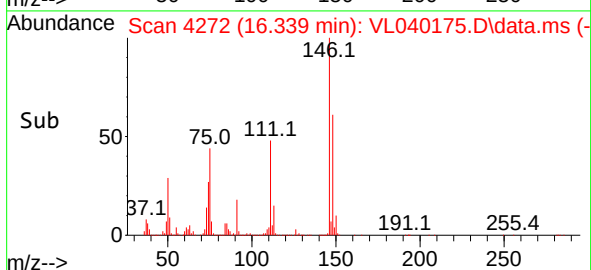
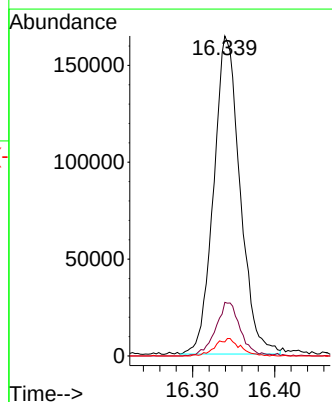
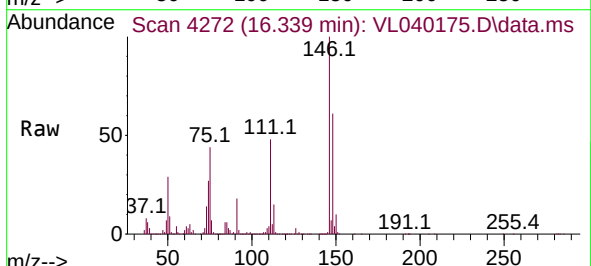
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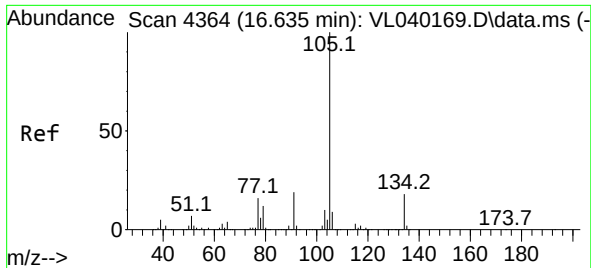
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Benzyl Chloride
Concen: 18.656 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

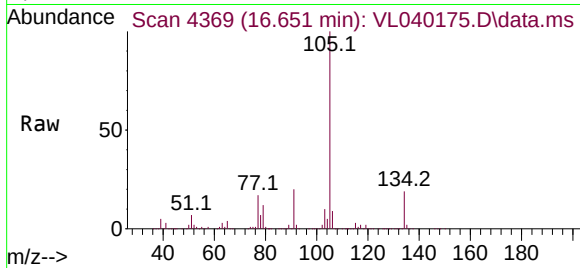
Tgt Ion: 91 Resp: 367521
Ion Ratio Lower Upper
91 100
126 16.0 13.1 19.7
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 15.565 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18

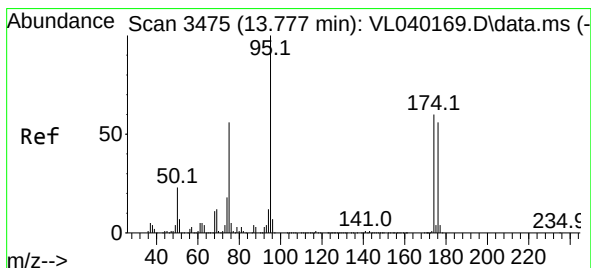
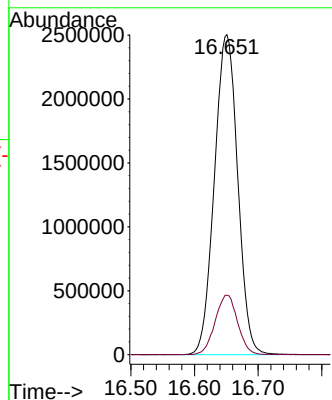
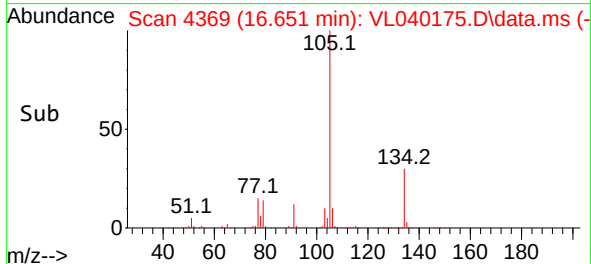
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



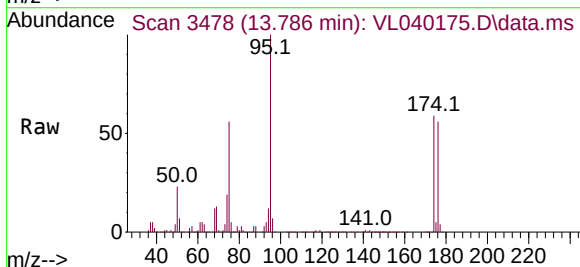
Tgt Ion:105 Resp: 636074
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.1 21.1

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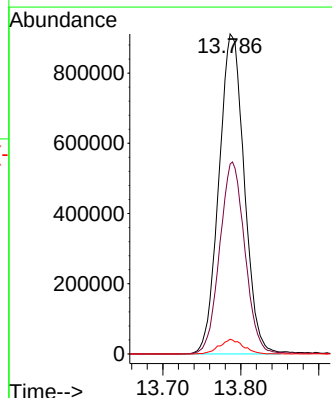
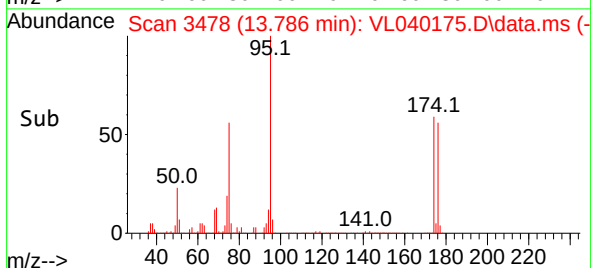
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

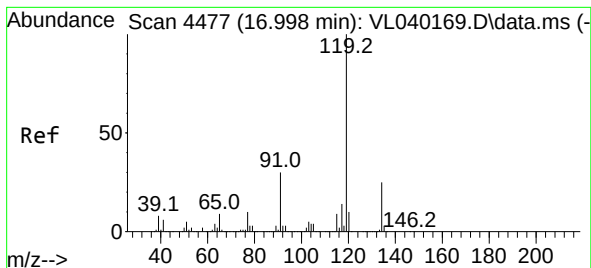


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.062 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL040175.D
 Acq: 15 Feb 2023 14:18



Tgt Ion: 95 Resp: 2055352
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.2 72.2
 175 4.4 3.4 5.2





#69

p-Isopropyltoluene

Concen: 16.144 ppbv

RT: 17.008 min Scan# 4477

Delta R.T. 0.010 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 5184540

Ion Ratio Lower Upper

119 100

134 25.9 20.2 30.2

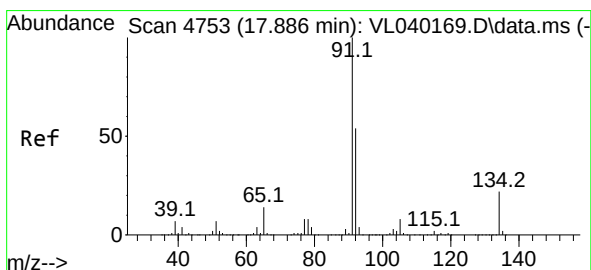
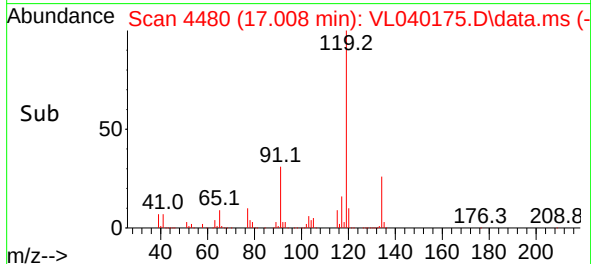
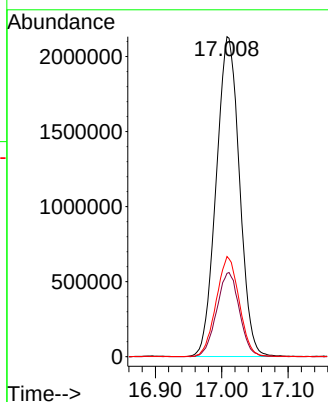
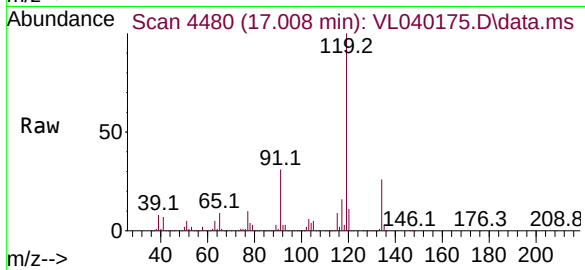
91 31.0 24.7 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#70

n-Butylbenzene

Concen: 16.020 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

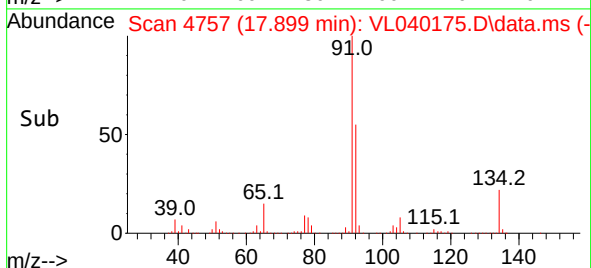
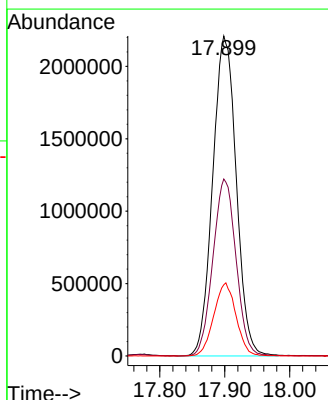
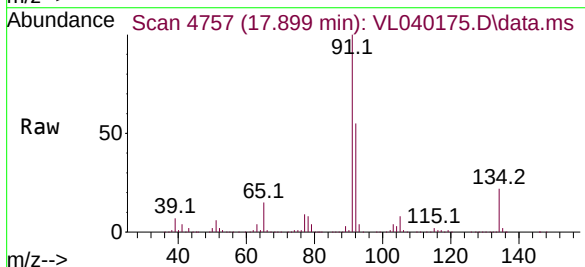
Tgt Ion: 91 Resp: 5547876

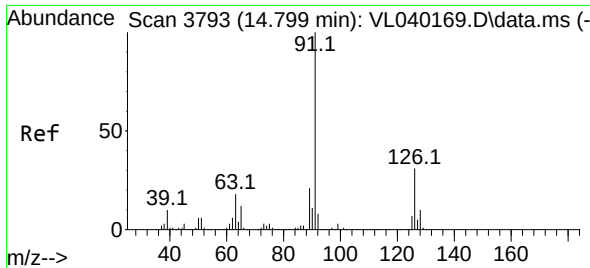
Ion Ratio Lower Upper

91 100

92 54.3 43.0 64.6

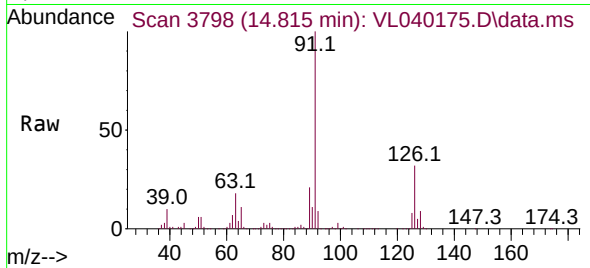
134 21.7 16.9 25.3





#71
2-Chlorotoluene
Concen: 15.735 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

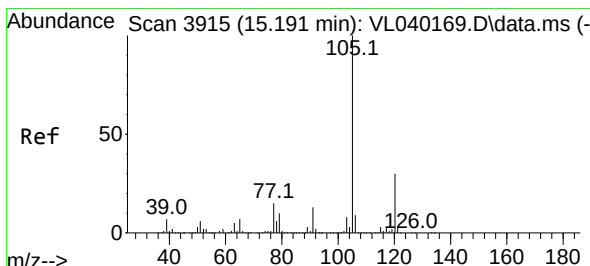
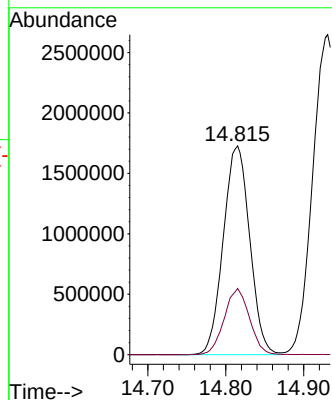
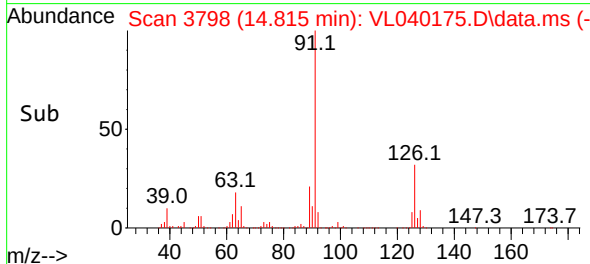
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



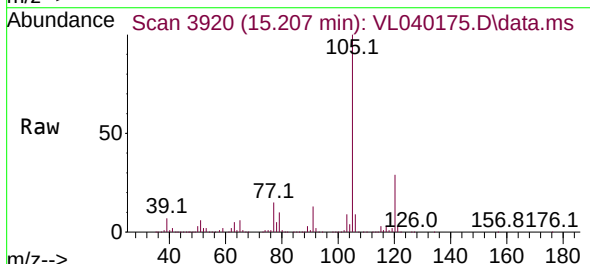
Tgt Ion: 91 Resp: 4074520
Ion Ratio Lower Upper
91 100
126 30.3 12.0 48.2

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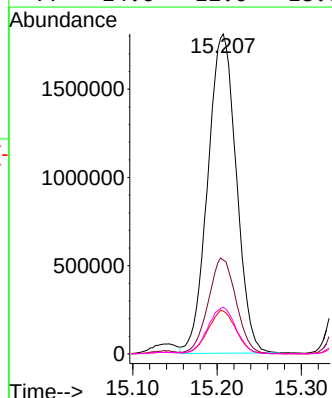
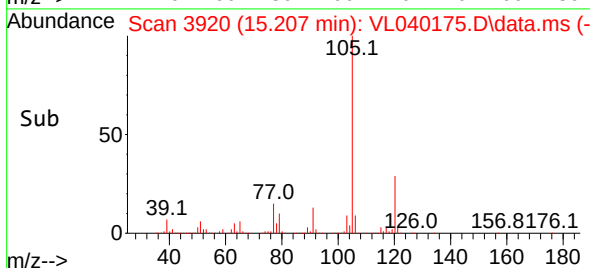
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

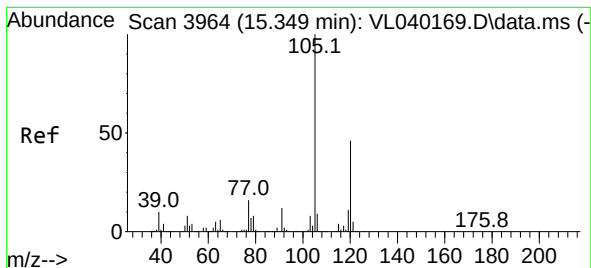


#72
4-Ethyltoluene
Concen: 16.373 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.016 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



Tgt Ion:105 Resp: 4252977
Ion Ratio Lower Upper
105 100
120 29.6 23.2 34.8
91 14.1 11.3 16.9
77 14.6 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 16.211 ppbv

RT: 15.365 min Scan# 3964

Delta R.T. 0.016 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 379139

Ion Ratio Lower Upper

105 100

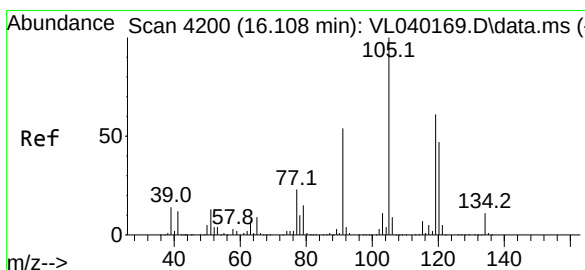
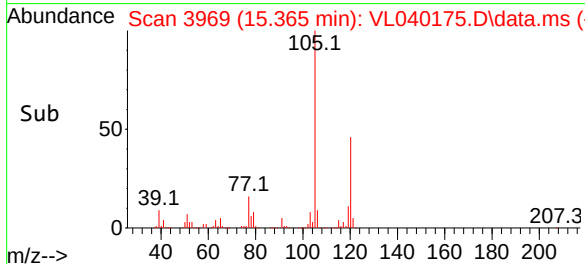
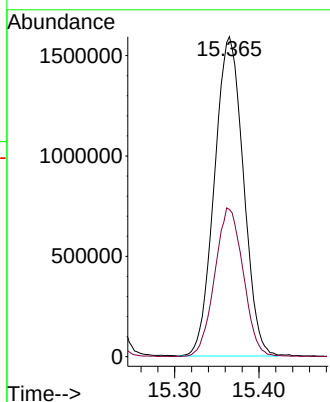
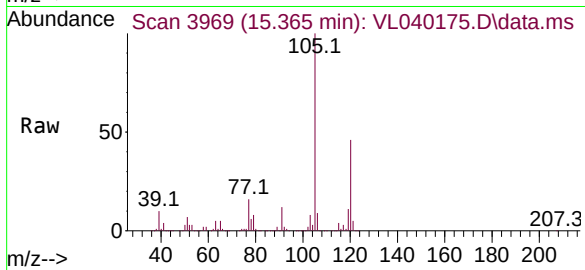
120 46.0 36.8 55.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#74

1,2,4-Trimethylbenzene

Concen: 15.722 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.016 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Tgt Ion:105 Resp: 4073081

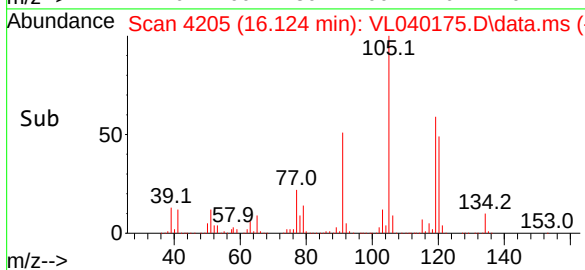
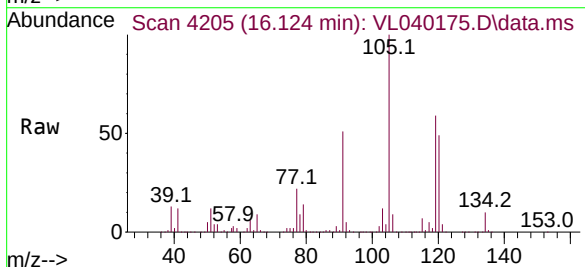
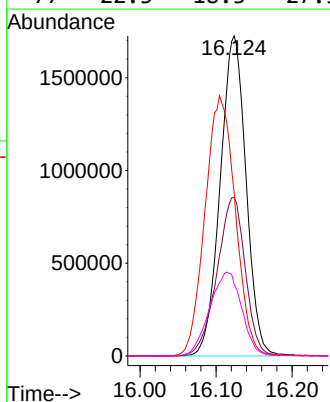
Ion Ratio Lower Upper

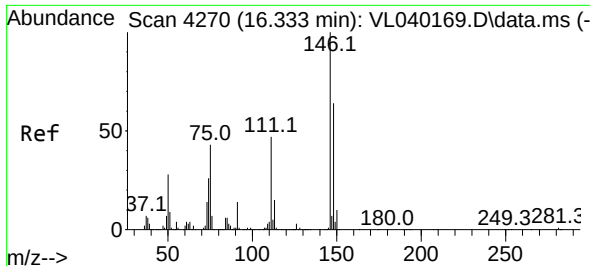
105 100

120 49.4 37.9 56.9

91 50.6 43.7 65.5

77 22.3 18.3 27.5





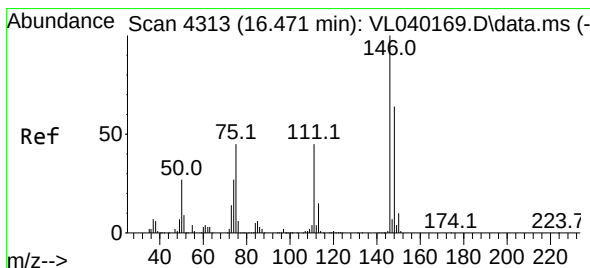
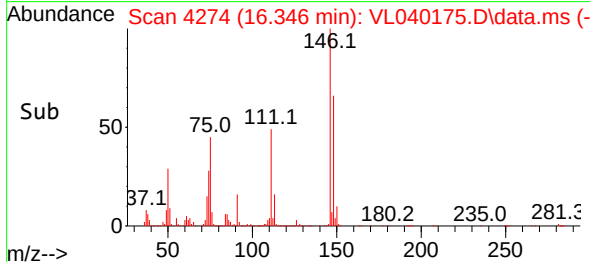
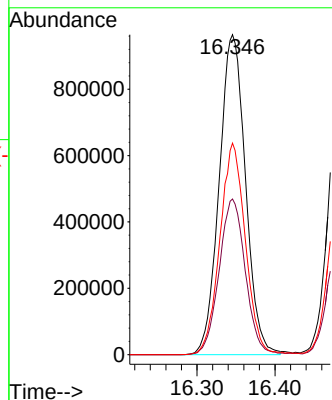
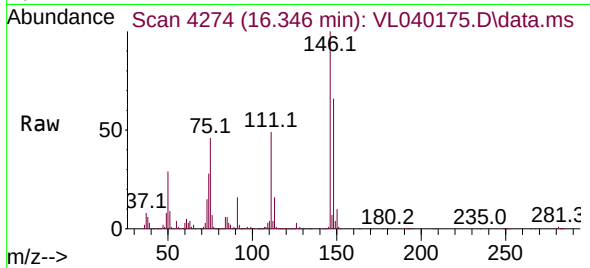
#75
1,3-Dichlorobenzene
Concen: 15.677 ppbv
RT: 16.346 min Scan# 4319
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:146 Resp: 225574
Ion Ratio Lower Upper
146 100
111 48.6 23.9 71.8
148 64.3 32.1 96.5

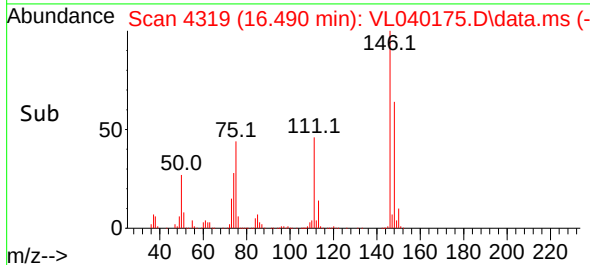
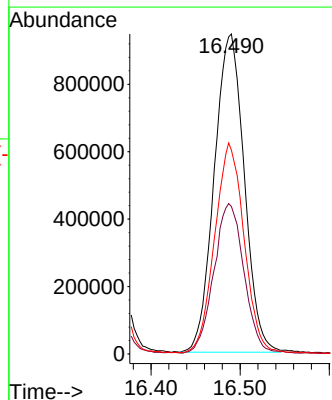
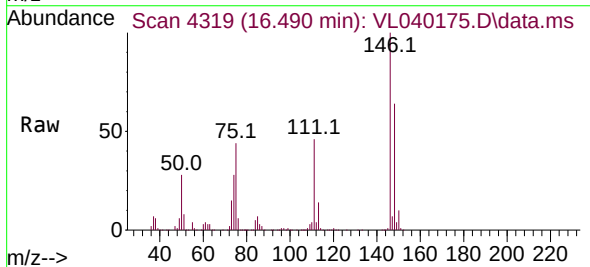
Manual Integrations
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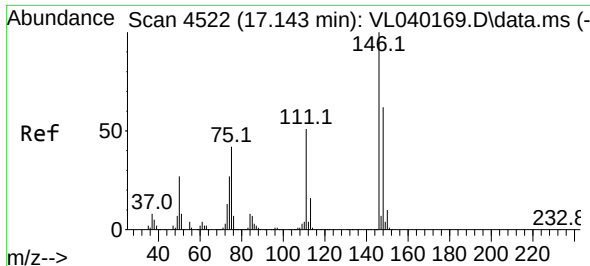
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,4-Dichlorobenzene
Concen: 15.609 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.019 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

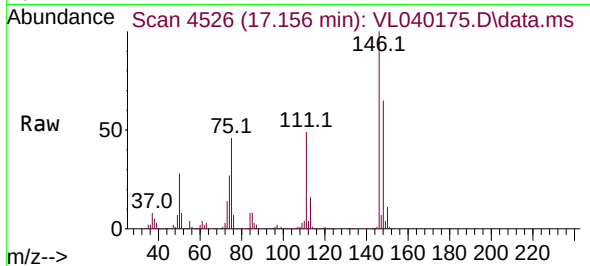
Tgt Ion:146 Resp: 2208267
Ion Ratio Lower Upper
146 100
111 47.9 23.5 70.5
148 65.7 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 15.649 ppbv
RT: 17.156 min Scan# 4522
Delta R.T. 0.013 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18

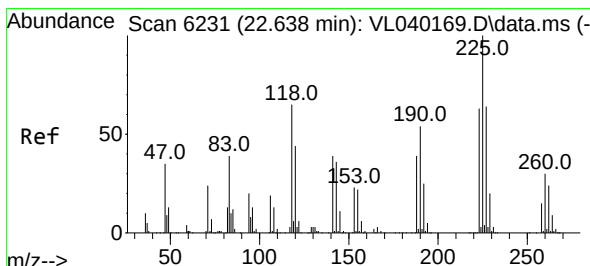
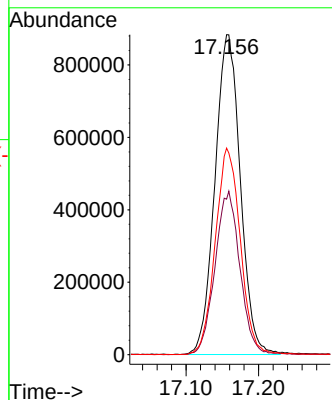
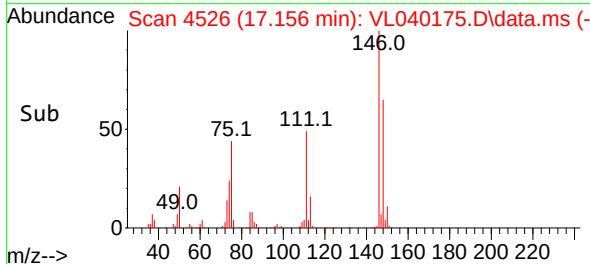
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



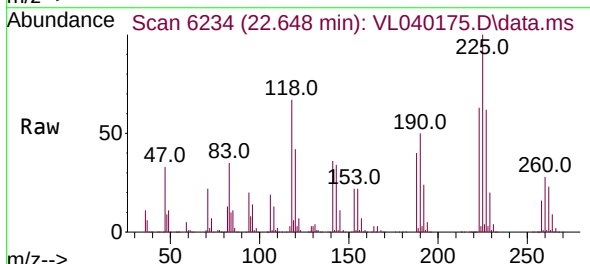
Tgt Ion:146 Resp: 215333
Ion Ratio Lower Upper
146 100
111 50.3 25.3 75.8
148 63.9 32.0 96.2

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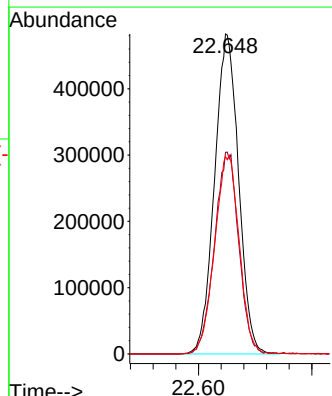
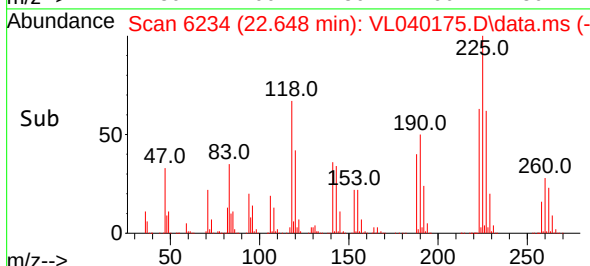
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

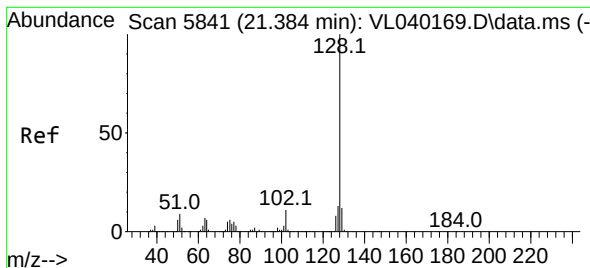


#78
Hexachloro-1,3-Butadiene
Concen: 14.100 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.010 min
Lab File: VL040175.D
Acq: 15 Feb 2023 14:18



Tgt Ion:225 Resp: 1421126
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 63.7 51.2 76.8





#79

Naphthalene

Concen: 19.983 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.016 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:128 Resp: 296581

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

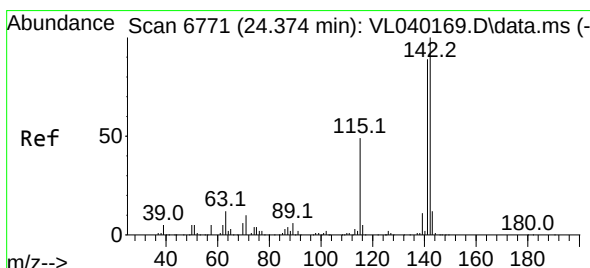
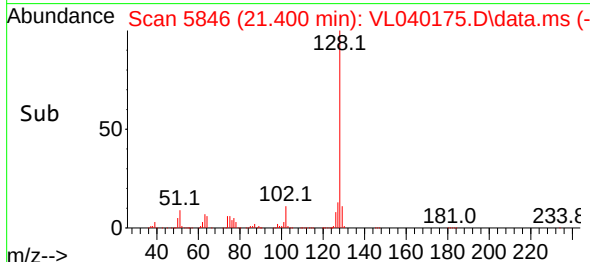
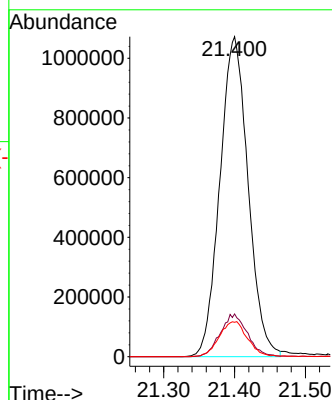
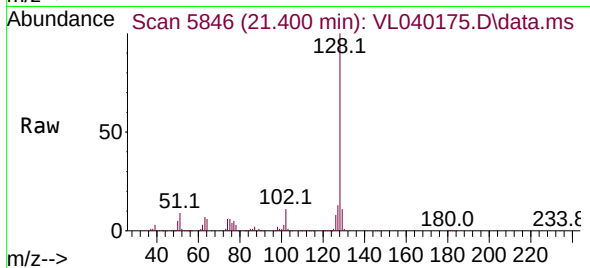
129 10.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#80

Naphthalene,2-methyl-

Concen: 18.302 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.013 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

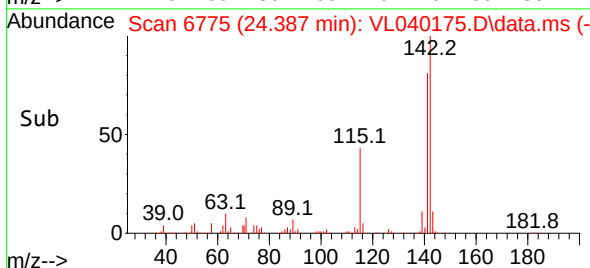
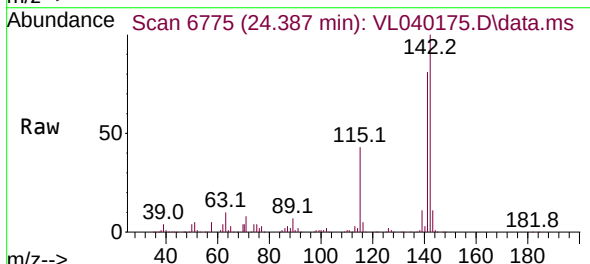
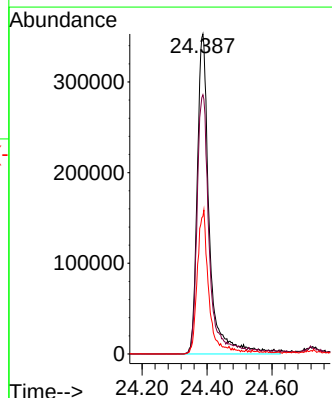
Tgt Ion:142 Resp: 915269

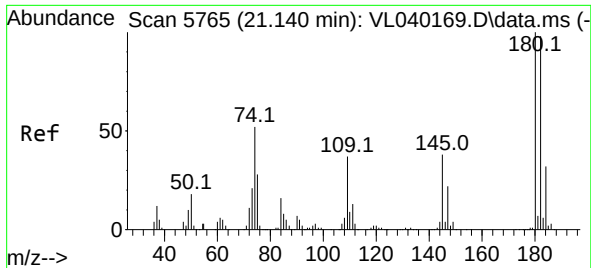
Ion Ratio Lower Upper

142 100

141 82.6 67.3 100.9

115 42.6 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 17.191 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040175.D

Acq: 15 Feb 2023 14:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:180 Resp: 157255

Ion Ratio Lower Upper

180 100

182 96.0 79.0 118.6

184 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023

