

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040179.D
 Acq On : 15 Feb 2023 17:44
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523

Quant Time: Feb 15 19:02:24 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 17:01:01 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	956628	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2458519	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2357514m	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1853378	9.560	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	1465381	8.219	ppbv	100
3) Chlorodifluoromethane	2.668	51	1092552	9.560	ppbv	99
4) Chloromethane	2.809	50	707737	9.860	ppbv	95
5) Vinyl Chloride	2.915	62	607755	10.536	ppbv	98
6) Bromomethane	3.115	94	208879	10.033	ppbv	89
7) Chloroethane	3.192	64	216601	9.469	ppbv	96
8) Dichlorotetrafluoroethane	2.851	85	1480605	9.637	ppbv	99
9) Propene	2.687	41	474514	10.187	ppbv	99
10) Heptane	7.584	43	1153446	10.403	ppbv	100
11) Trichlorofluoromethane	3.558	101	1524621	9.530	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1098692	9.310	ppbv	99
13) Ethanol	3.240	45	34380m	8.017	ppbv	
14) Bromoethene	3.362	108	471851	10.426	ppbv	100
15) Acetone	3.462	43	1045154	9.075	ppbv	99
16) 1,3-Butadiene	2.980	39	536531	10.201	ppbv	97
17) tert-Butyl alcohol	3.873	59	1072436	10.210	ppbv	99
18) 1,1-Dichloroethene	3.877	96	498846	9.728	ppbv	96
19) Isopropyl Alcohol	3.571	45	546686	9.986	ppbv #	98
20) Methylene Chloride	3.931	84	445958	7.438	ppbv	94
21) Allyl Chloride	3.996	41	729359	10.325	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	529582	9.973	ppbv	93
23) Vinyl Acetate	4.626	43	324272	9.277	ppbv #	98
24) 1,1-Dichloroethane	4.562	63	1055858	9.664	ppbv	98
25) Ethyl Acetate	5.205	43	2170748	10.139	ppbv	100
26) Hexane	5.214	57	918980	9.998	ppbv	98
27) Carbon Disulfide	4.121	76	1245553	10.680	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	977267	9.923	ppbv	100
29) Chloroform	5.275	83	1527982	9.682	ppbv	100
30) Cyclohexane	6.606	84	771359	10.688	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	949291	10.870	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1532554	10.336	ppbv	99
34) 2-Butanone	4.787	43	1213347	10.005	ppbv	98
35) Carbon Tetrachloride	6.497	117	1587143	10.920	ppbv	98
36) Benzene	6.372	78	1948966	10.187	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1187136	9.921	ppbv	99
38) Trichloroethene	7.298	130	1139080	10.804	ppbv	98
39) 1,2-Dichloropropane	7.079	63	736075	9.890	ppbv	96
40) 1,4-Dioxane	7.291	88	318901	10.711	ppbv	87
41) Tetrahydrofuran	5.558	42	758419	10.791	ppbv	100
42) Bromodichloromethane	7.256	83	1705464	10.326	ppbv	98
43) Methyl Methacrylate	7.481	69	779242	11.007	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3190999	9.991	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	755025	12.023	ppbv	98

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Instrument :
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 ICVVL021523

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 19:02:24 2023

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

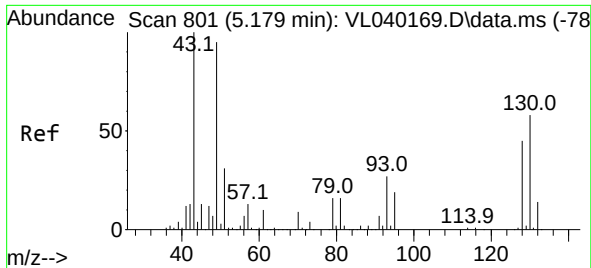
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 15 17:01:01 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1025901	11.726	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	811942	10.086	ppbv	98
48) Dibromochloromethane	9.719	129	1396391	10.845	ppbv	100
49) Bromoform	12.420	173	1106302	11.008	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	1978119	10.505	ppbv	99
51) 2-Hexanone	9.561	43	1547919	10.689	ppbv #	100
52) Tetrachloroethene	10.626	164	660787	11.060	ppbv	97
53) Toluene	9.230	91	2226531	10.865	ppbv	100
54) 1,2-Dibromoethane	10.018	107	918167	10.962	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.519	131	990162	10.006	ppbv	97
57) Chlorobenzene	11.536	112	1694088	9.836	ppbv	99
58) Ethyl Benzene	12.098	91	3013920	10.522	ppbv	99
59) m/p-Xylene	12.384	91	5191434m	20.463	ppbv	
60) o-Xylene	13.069	91	2491779	10.207	ppbv	99
61) Styrene	12.908	104	1458504	11.380	ppbv	100
62) Isopropylbenzene	14.040	105	3488966	9.957	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	825540	9.384	ppbv	99
64) n-propylbenzene	14.931	120	901537	10.395	ppbv	100
65) tert-Butylbenzene	16.101	119	3052250	10.021	ppbv	100
66) Benzyl Chloride	16.342	91	210197	10.370	ppbv	99
67) sec-Butylbenzene	16.648	105	4305486	9.856	ppbv	100
69) p-Isopropyltoluene	17.008	119	3462777	10.000	ppbv	100
70) n-Butylbenzene	17.899	91	3725939	9.913	ppbv	100
71) 2-Chlorotoluene	14.812	91	2719944	10.149	ppbv	100
72) 4-Ethyltoluene	15.204	105	2854500	10.578	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	2521774	10.043	ppbv	100
74) 1,2,4-Trimethylbenzene	16.121	105	2728035	9.891	ppbv	96
75) 1,3-Dichlorobenzene	16.342	146	1493417	9.894	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1449825	9.802	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1422498	9.487	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	937778	9.104	ppbv	100
79) Naphthalene	21.397	128	1890875	12.203	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	541067	12.279	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	993721	10.248	ppbv	100

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



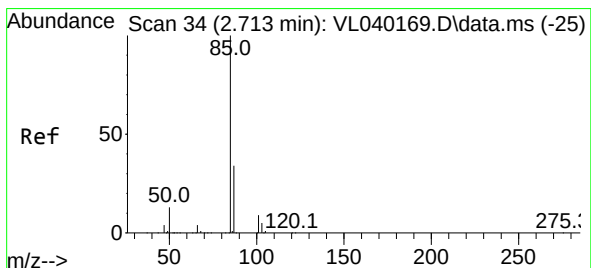
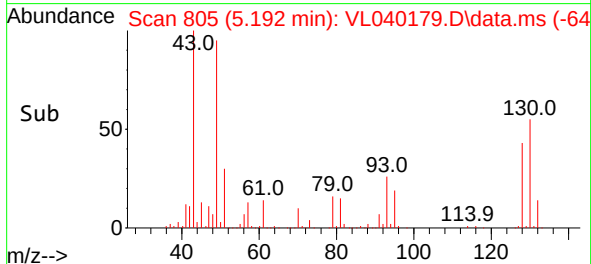
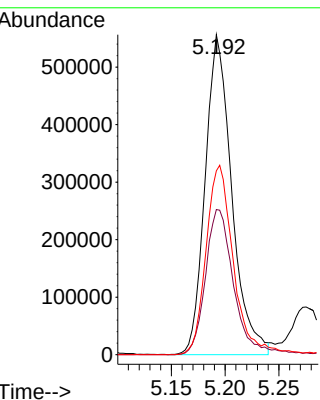
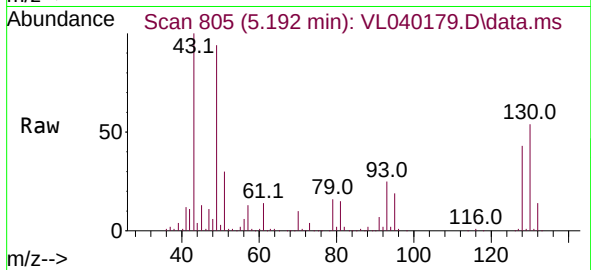
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 801
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Instrument : MSVOA_L
ClientSampleId : ICVVL021523

Tgt Ion: 49 Resp: 956628
Ion Ratio Lower Upper
49 100
128 48.8 24.1 72.3
130 62.0 30.9 92.8

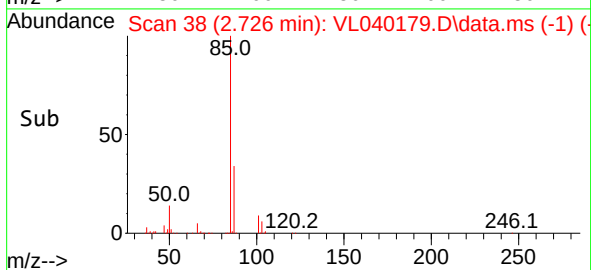
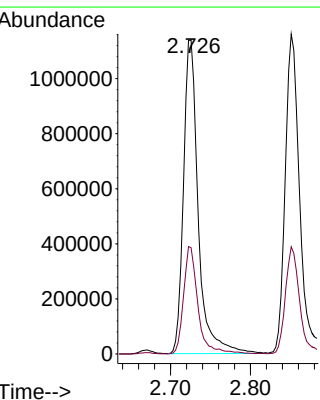
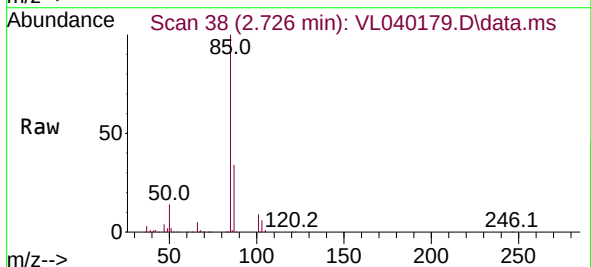
Manual Integrations
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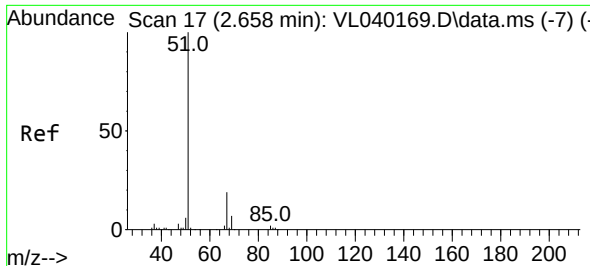
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 8.219 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

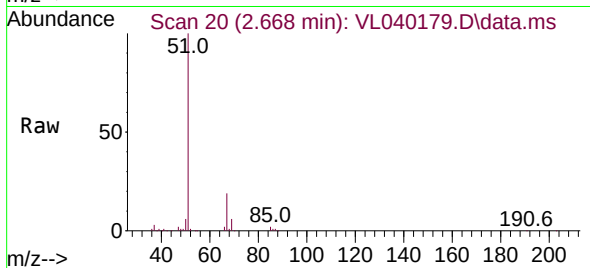
Tgt Ion: 85 Resp: 1465381
Ion Ratio Lower Upper
85 100
87 33.9 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.560 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

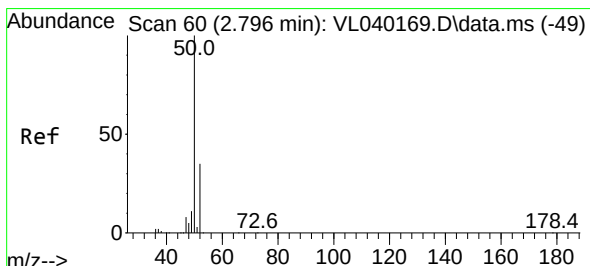
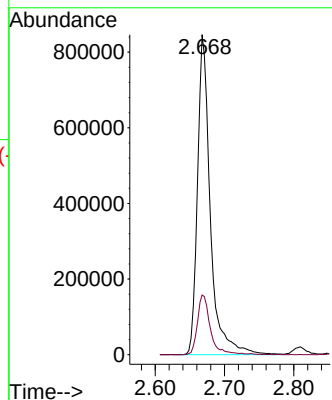
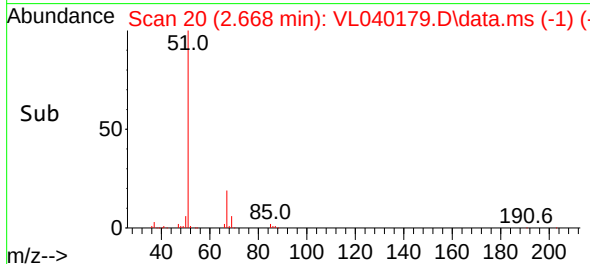
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 51 Resp: 109255
Ion Ratio Lower Upper
51 100
67 19.0 15.4 23.2

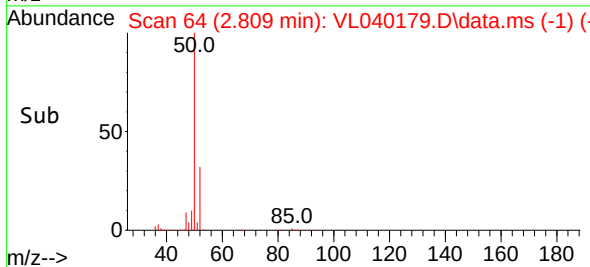
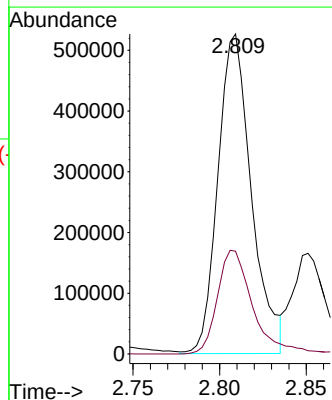
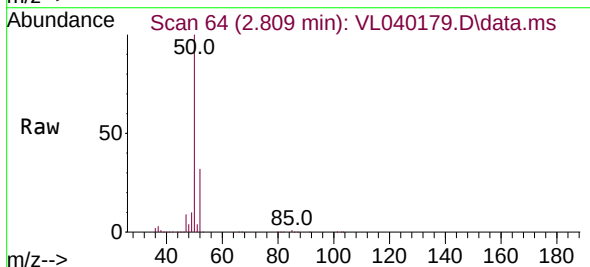
Manual Integrations
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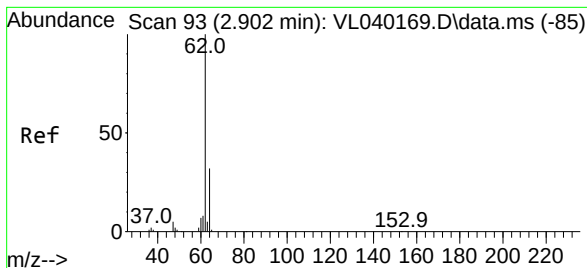
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#4
Chloromethane
Concen: 9.860 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

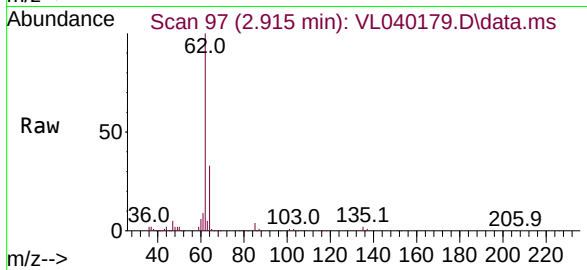
Tgt Ion: 50 Resp: 707737
Ion Ratio Lower Upper
50 100
52 32.3 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.536 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

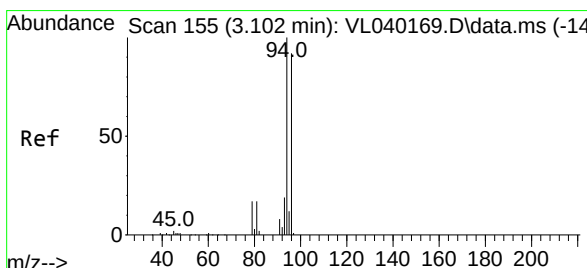
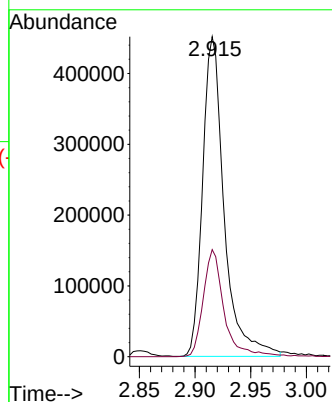
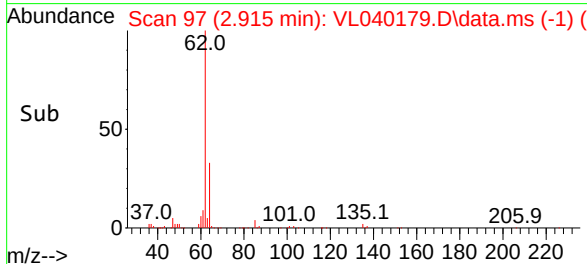
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523



Tgt Ion: 62 Resp: 60775
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.6 38.4

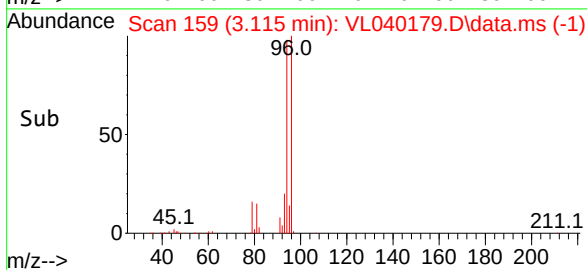
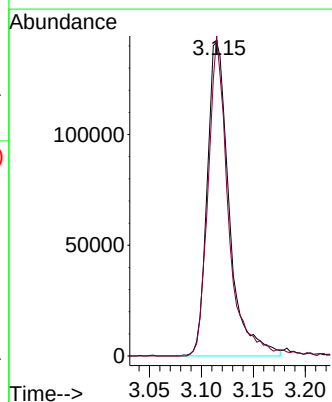
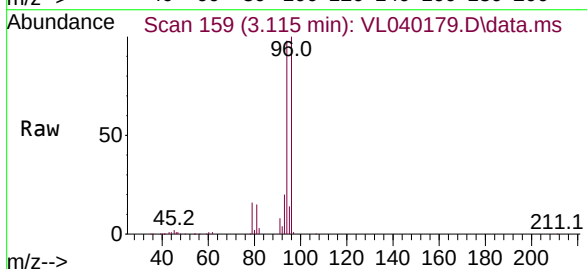
Manual Integrations
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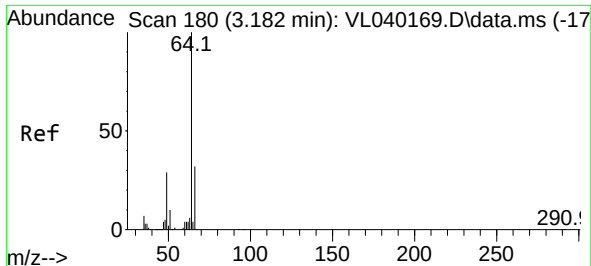
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#6
 Bromomethane
 Concen: 10.033 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

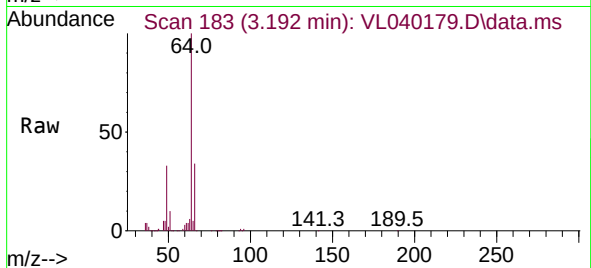
Tgt Ion: 94 Resp: 208879
 Ion Ratio Lower Upper
 94 100
 96 102.0 73.4 110.2





#7
Chloroethane
Concen: 9.469 ppbv
RT: 3.192 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

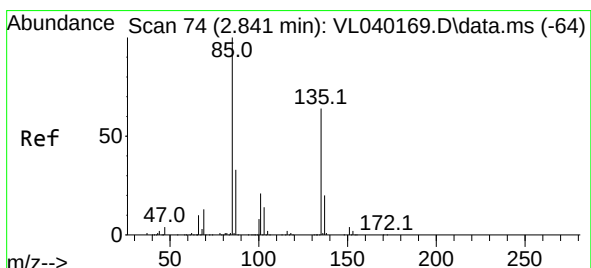
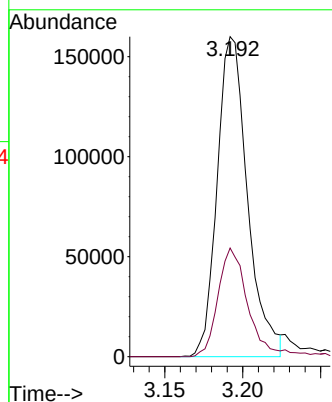
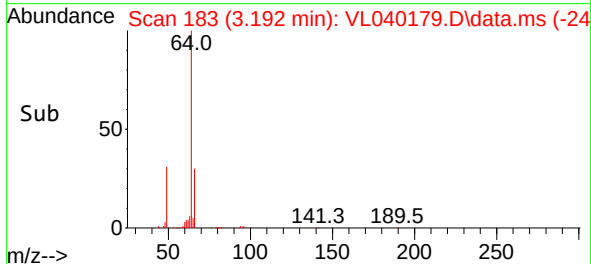
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 64 Resp: 21660
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2

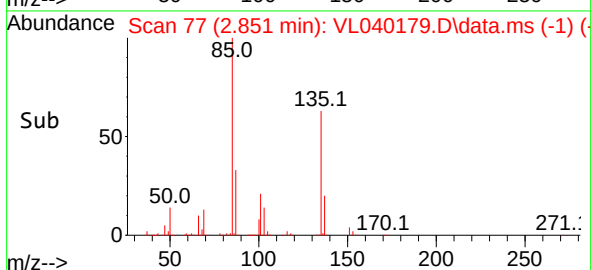
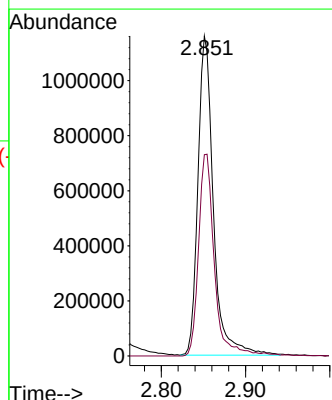
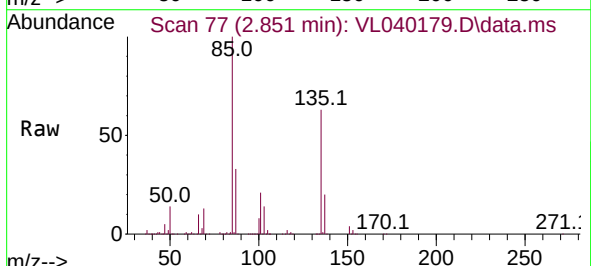
Manual Integrations
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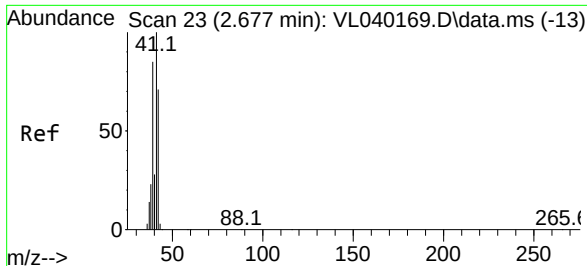
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#8
Dichlorotetrafluoroethane
Concen: 9.637 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

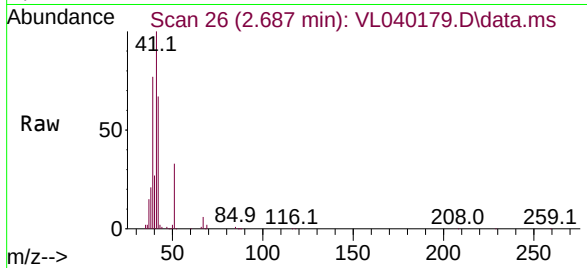
Tgt Ion: 85 Resp: 1480605
Ion Ratio Lower Upper
85 100
135 65.3 51.5 77.3





#9
 Propene
 Concen: 10.187 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

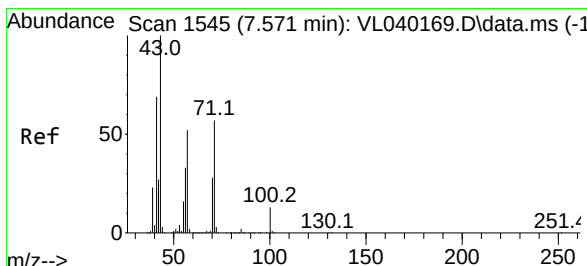
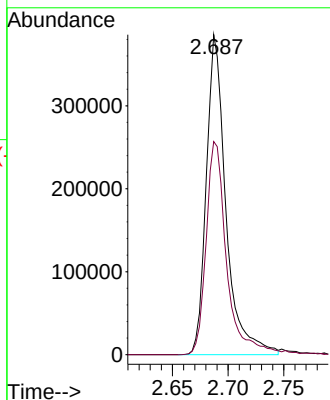
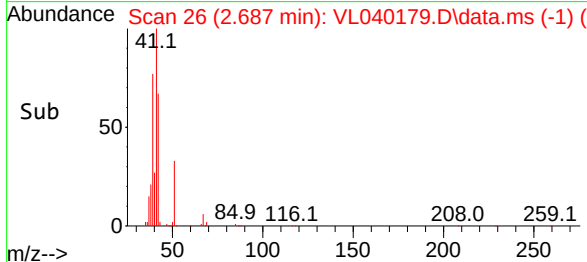
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523



Tgt Ion: 41 Resp: 474514
 Ion Ratio Lower Upper
 41 100
 42 70.5 56.9 85.3

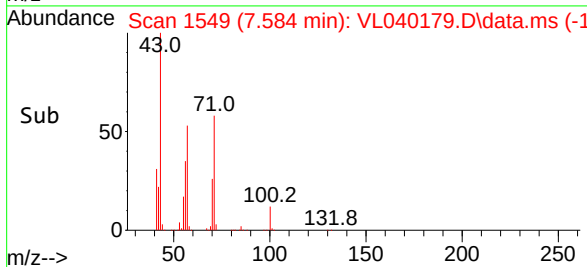
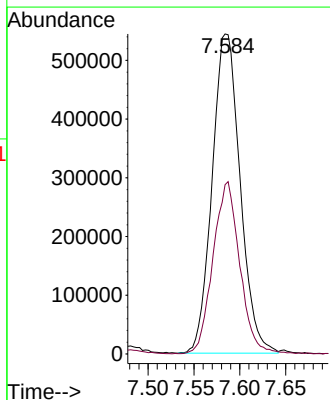
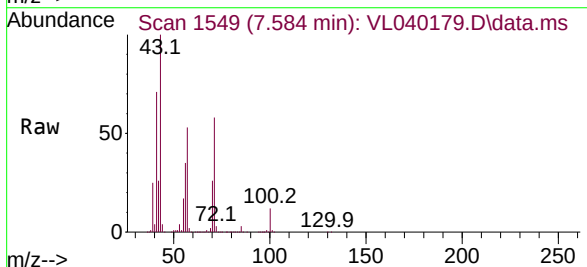
Manual Integrations
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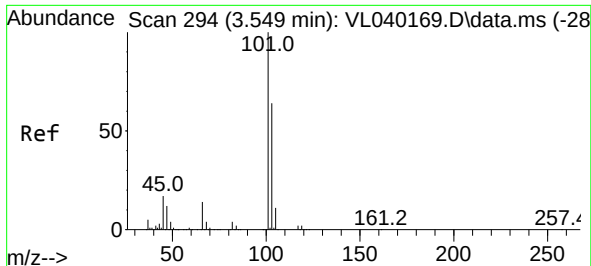
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#10
 Heptane
 Concen: 10.403 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

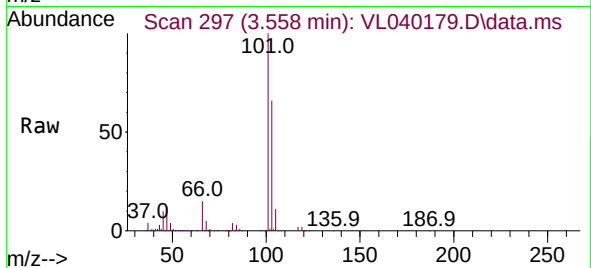
Tgt Ion: 43 Resp: 1153446
 Ion Ratio Lower Upper
 43 100
 57 51.6 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.530 ppbv
 RT: 3.558 min Scan# 294
 Delta R.T. 0.010 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

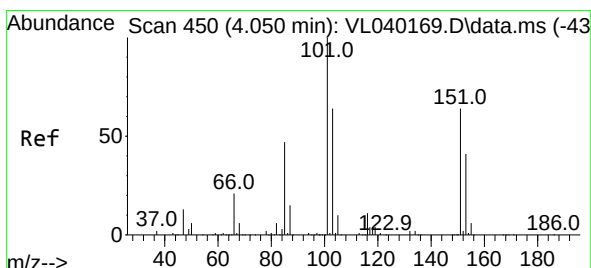
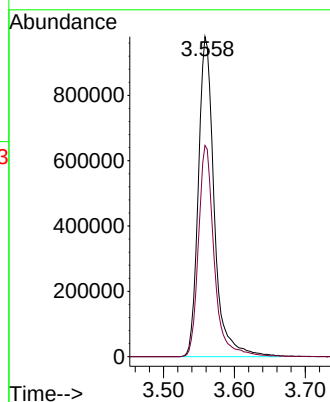
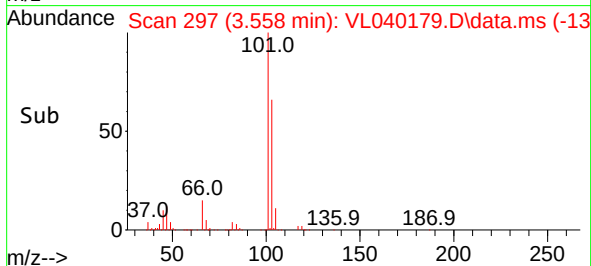
Instrument : MSVOA_L
 ClientSampleId : ICVVL021523



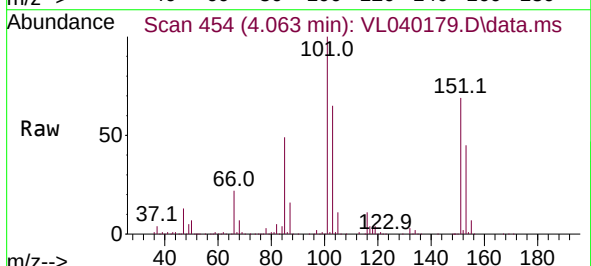
Tgt Ion:101 Resp: 152462
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.0 76.6

Manual Integrations
 APPROVED

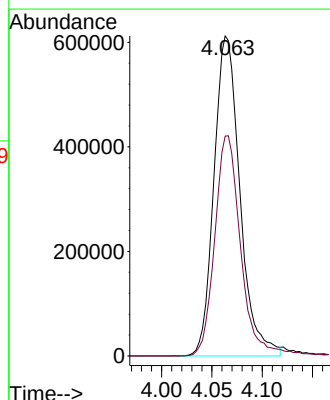
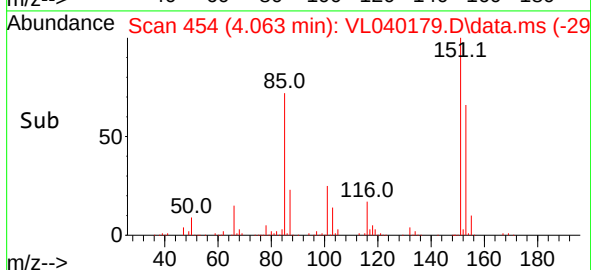
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

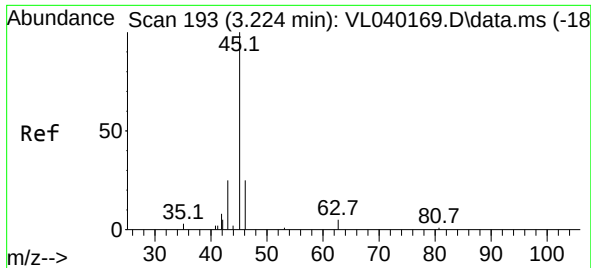


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.310 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44



Tgt Ion:101 Resp: 1098692
 Ion Ratio Lower Upper
 101 100
 151 69.3 54.7 82.1





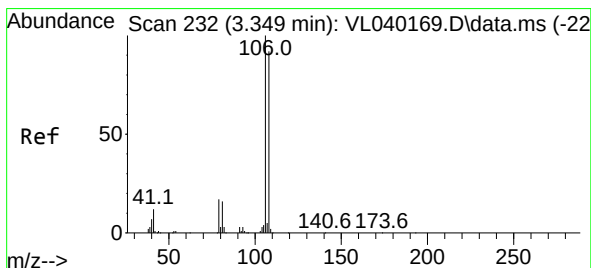
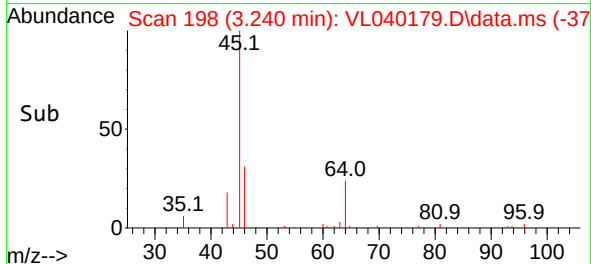
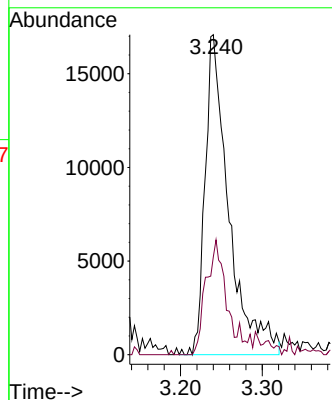
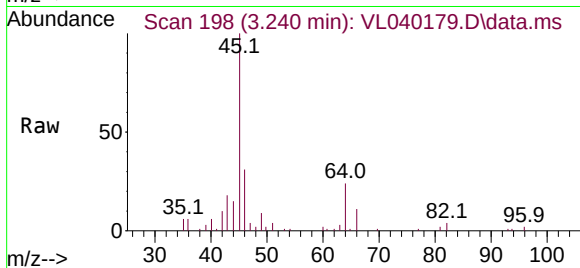
#13
Ethanol
Concen: 8.017 ppbv
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

Tgt Ion: 45 Resp: 34380
Ion Ratio Lower Upper
45 100
46 36.6 13.3 53.1

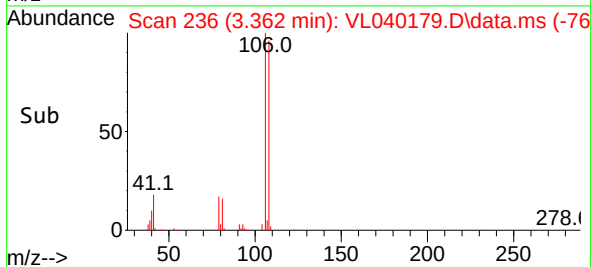
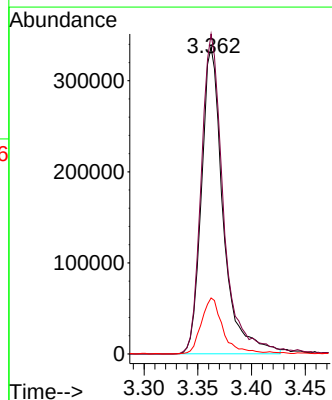
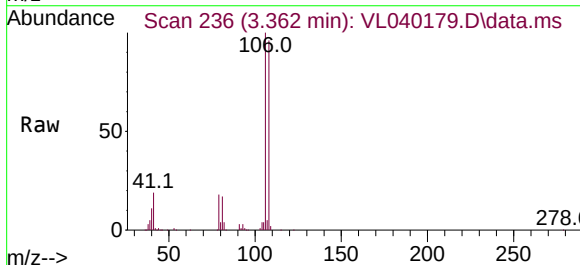
Manual Integrations
APPROVED

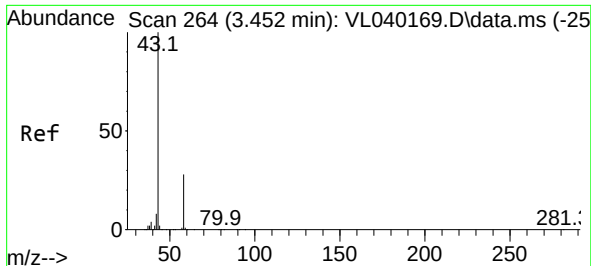
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#14
Bromoethene
Concen: 10.426 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

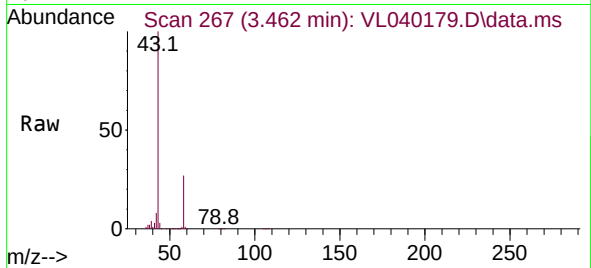
Tgt Ion:108 Resp: 471851
Ion Ratio Lower Upper
108 100
106 109.3 87.1 130.7
79 18.8 15.4 23.2





#15
Acetone
Concen: 9.075 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

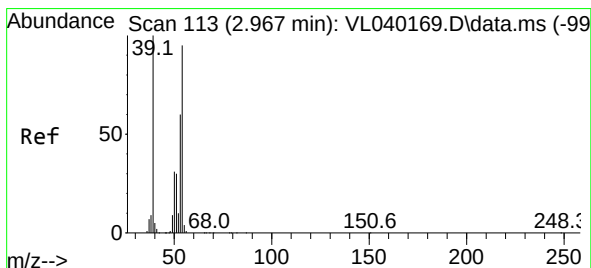
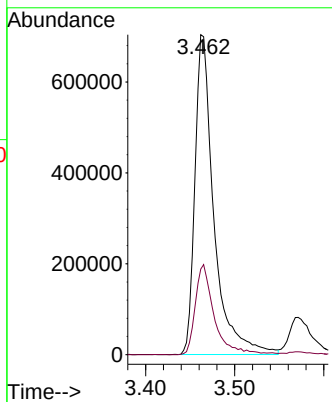
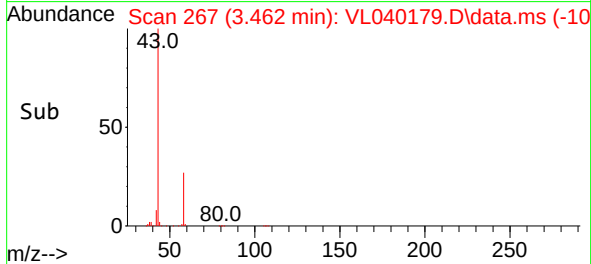
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 43 Resp: 1045154
Ion Ratio Lower Upper
43 100
58 28.4 22.4 33.6

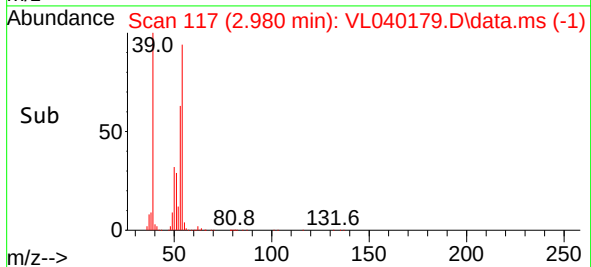
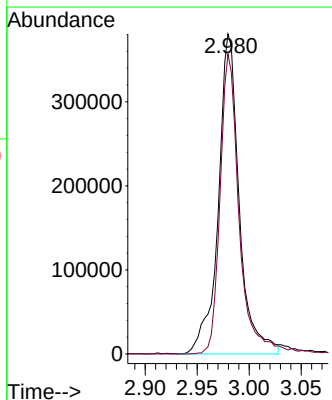
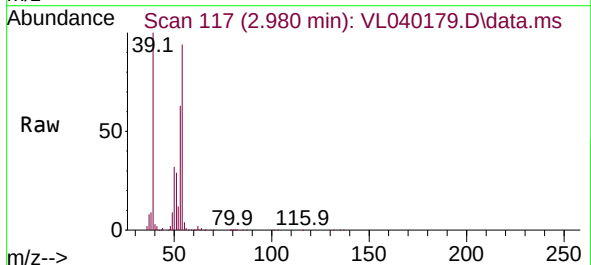
Manual Integrations
APPROVED

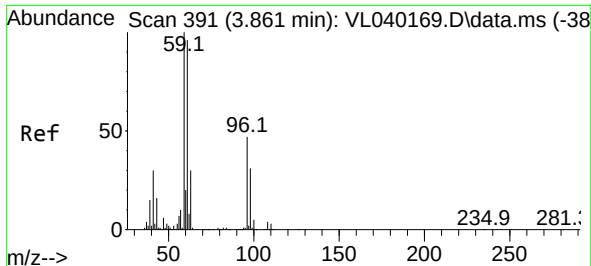
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#16
1,3-Butadiene
Concen: 10.201 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 39 Resp: 536531
Ion Ratio Lower Upper
39 100
54 86.1 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.210 ppbv

RT: 3.873 min Scan# 391

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion: 59 Resp: 107243

Ion Ratio Lower Upper

59 100

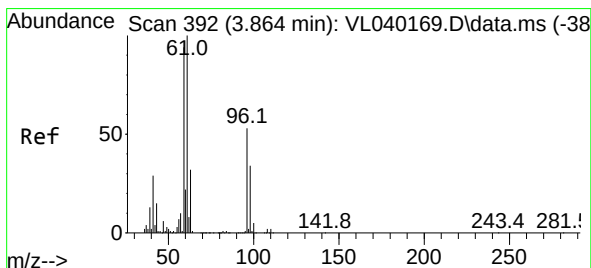
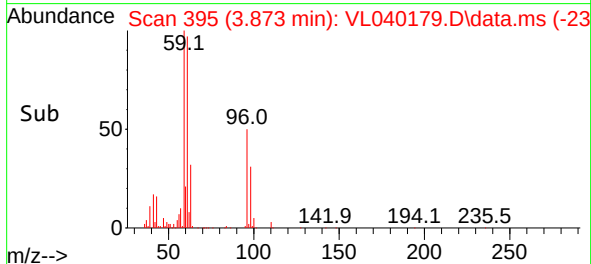
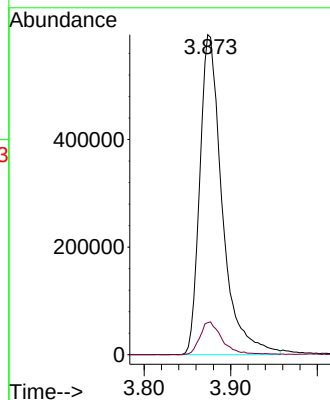
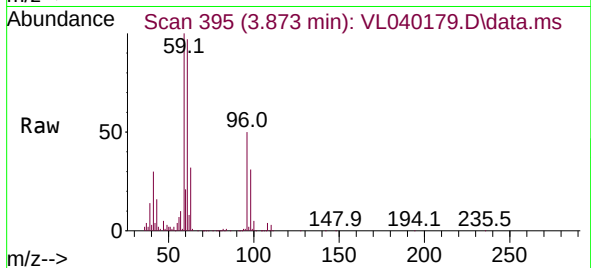
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#18

1,1-Dichloroethene

Concen: 9.728 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

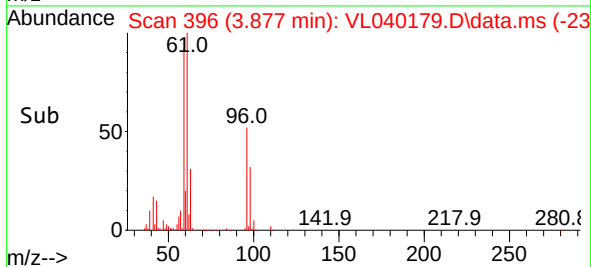
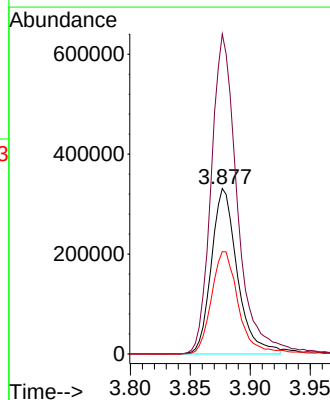
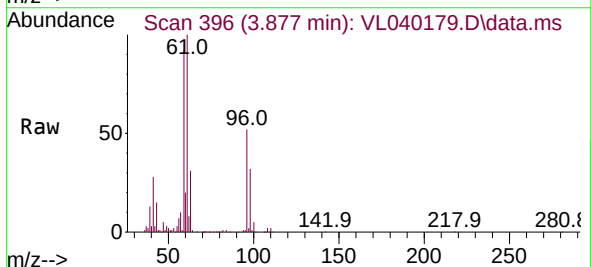
Tgt Ion: 96 Resp: 498846

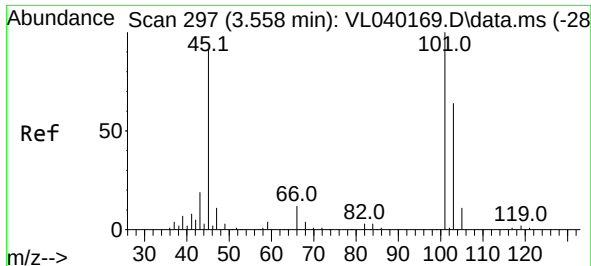
Ion Ratio Lower Upper

96 100

61 193.4 149.6 224.4

98 61.8 51.1 76.7





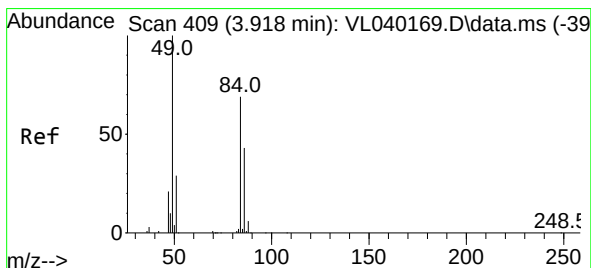
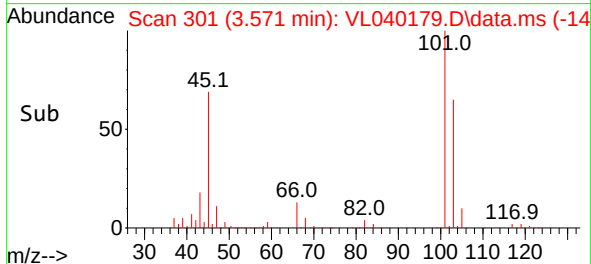
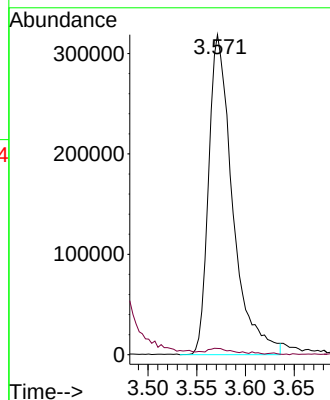
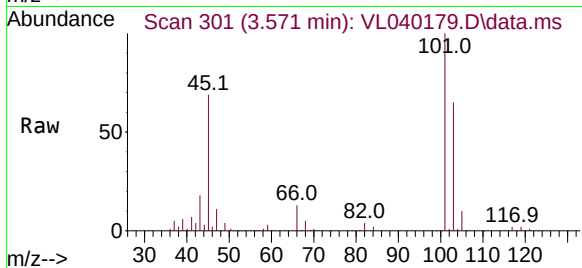
#19
Isopropyl Alcohol
Concen: 9.986 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Instrument : MSVOA_L
ClientSampleId : ICVVL021523

Tgt Ion: 45 Resp: 546680
Ion Ratio Lower Upper
45 100
58 2.5 2.6 3.8

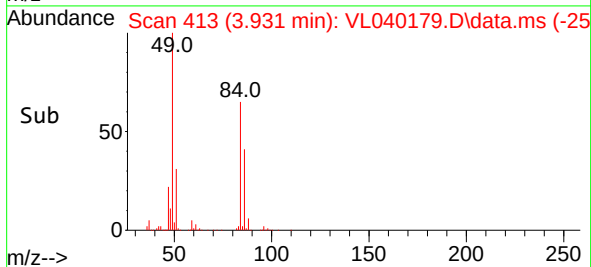
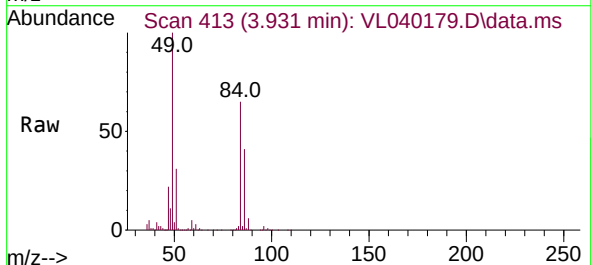
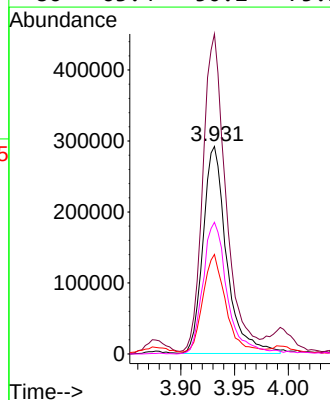
Manual Integrations
APPROVED

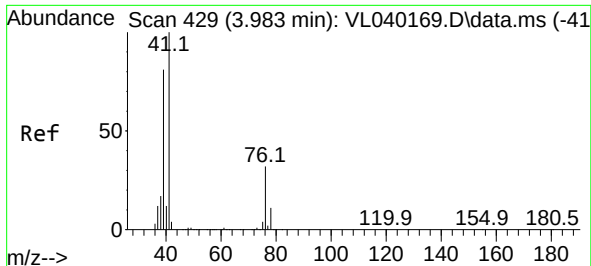
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#20
Methylene Chloride
Concen: 7.438 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 84 Resp: 445958
Ion Ratio Lower Upper
84 100
49 153.3 115.5 173.3
51 47.1 33.1 49.7
86 63.4 50.2 75.2





#21

Allyl Chloride

Concen: 10.325 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

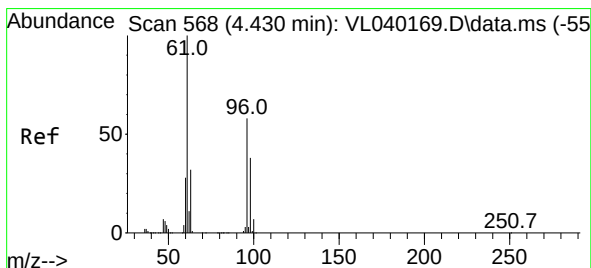
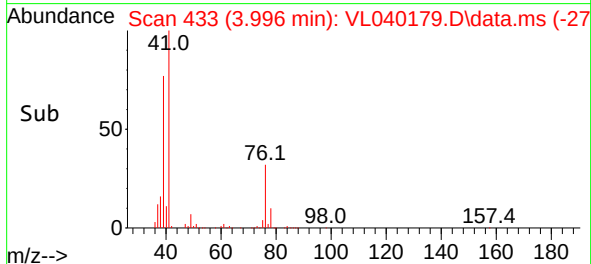
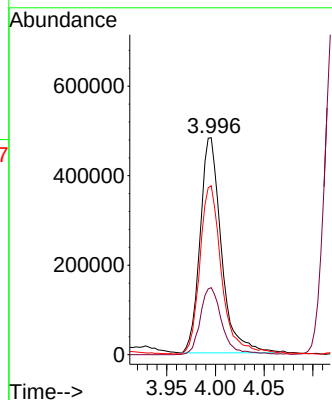
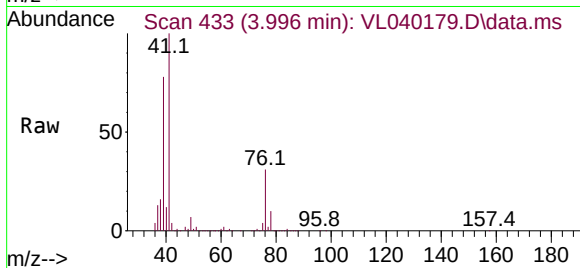
Tgt Ion: 41 Resp: 729359

Ion	Ratio	Lower	Upper
41	100		
76	32.0	25.5	38.3
39	81.2	64.5	96.7

Manual Integrations

APPROVED

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



#22

trans-1,2-Dichloroethene

Concen: 9.973 ppbv

RT: 4.443 min Scan# 572

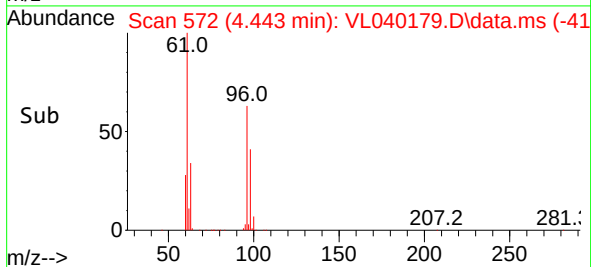
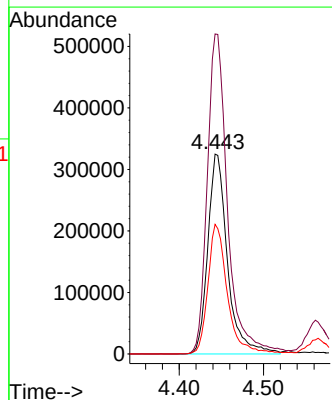
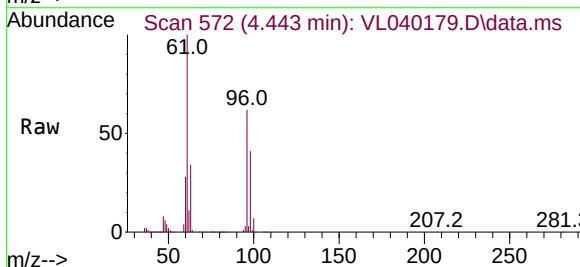
Delta R.T. 0.013 min

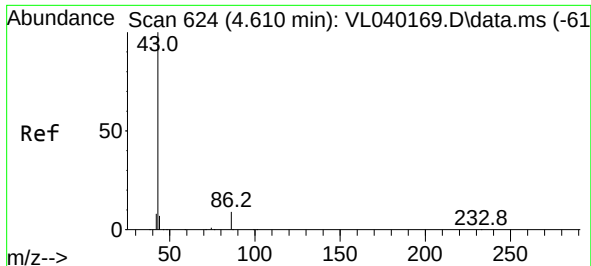
Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Tgt Ion: 96 Resp: 529582

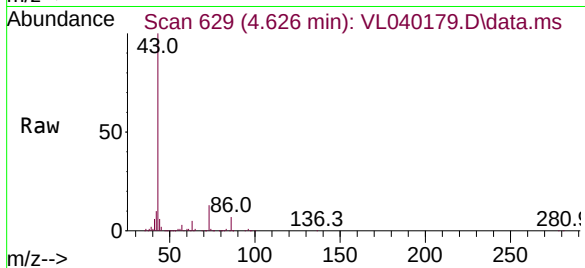
Ion	Ratio	Lower	Upper
96	100		
61	160.1	137.5	206.3
98	64.8	52.8	79.2





#23
 Vinyl Acetate
 Concen: 9.277 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

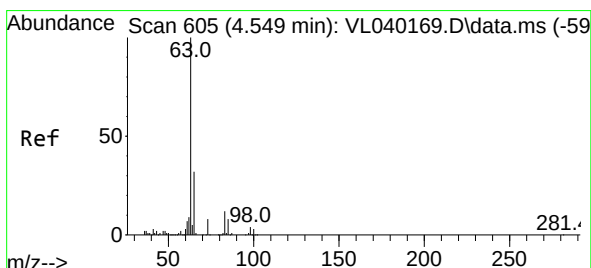
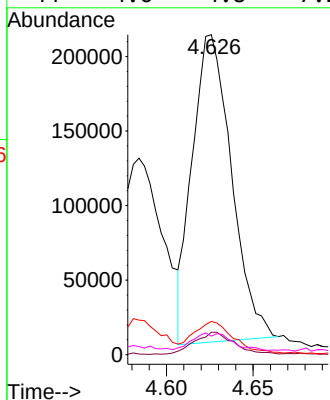
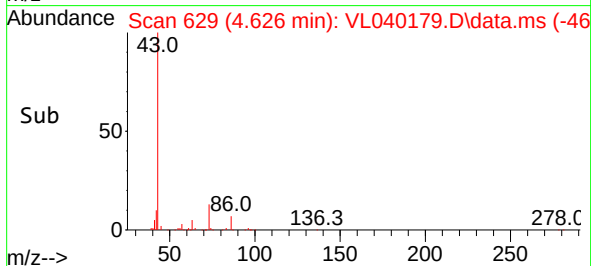
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523



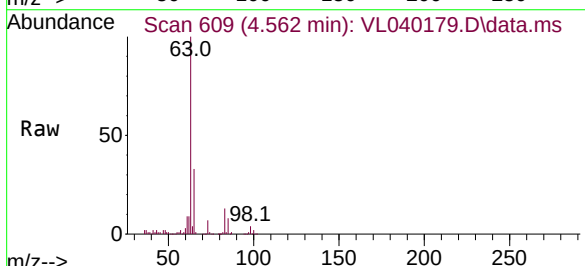
Tgt Ion: 43 Resp: 324272
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.6 8.4
 42 10.2 7.6 11.4
 44 4.6 4.8 7.2#

Manual Integrations
 APPROVED

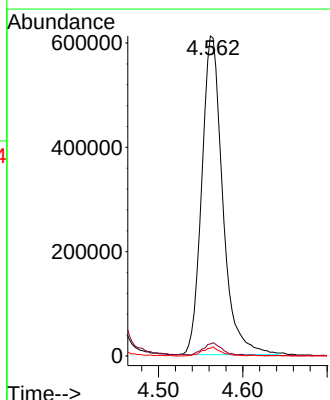
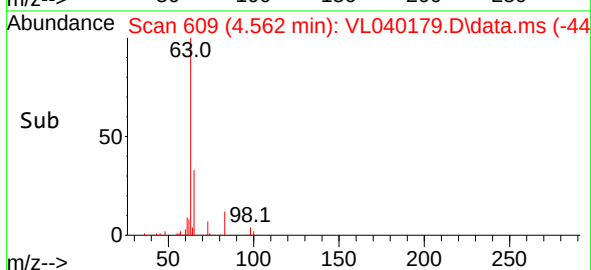
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

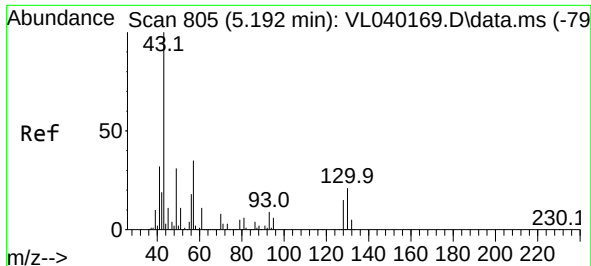


#24
 1,1-Dichloroethane
 Concen: 9.664 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44



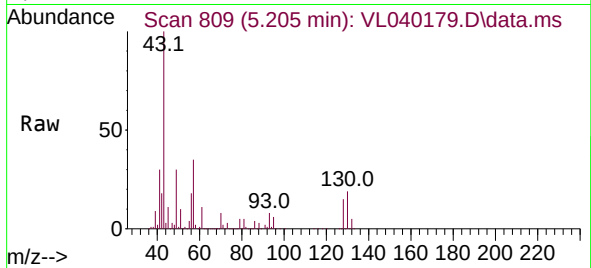
Tgt Ion: 63 Resp: 1055858
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.3 6.8
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 10.139 ppbv
RT: 5.205 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

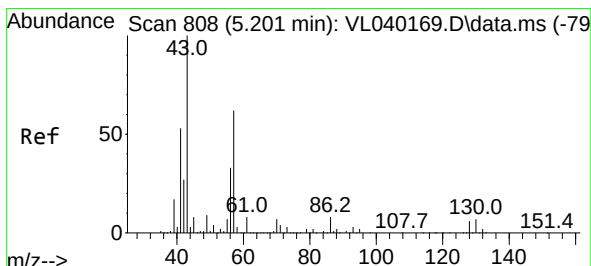
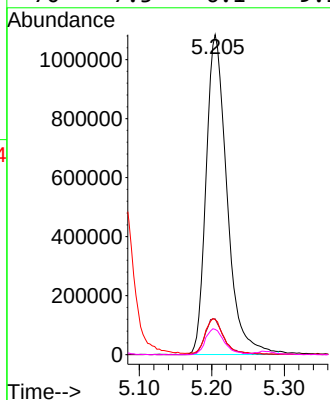
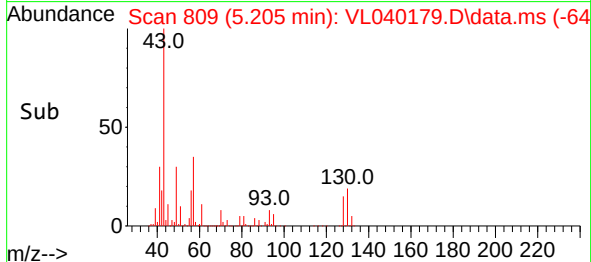


Tgt Ion: 43 Resp: 217074

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

Manual Integrations
APPROVED

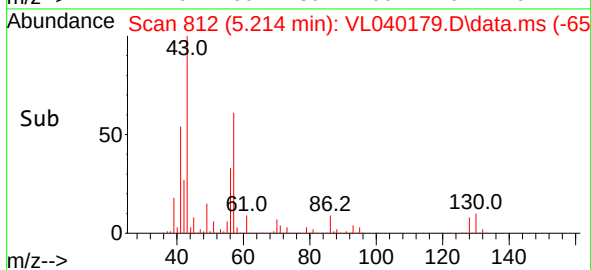
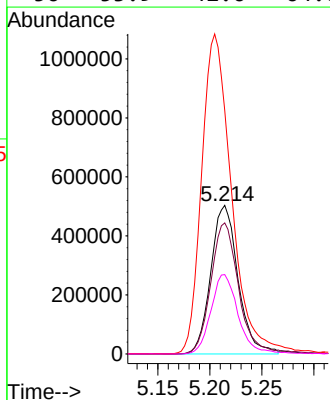
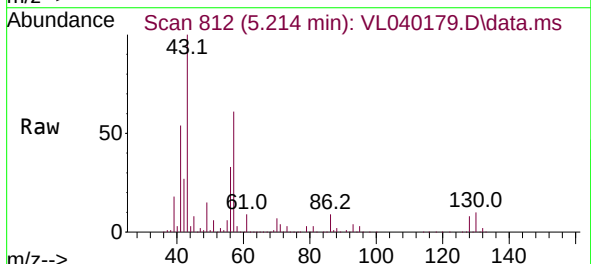
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

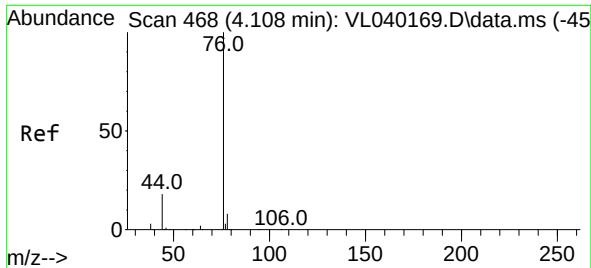


#26
Hexane
Concen: 9.998 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 57 Resp: 918980

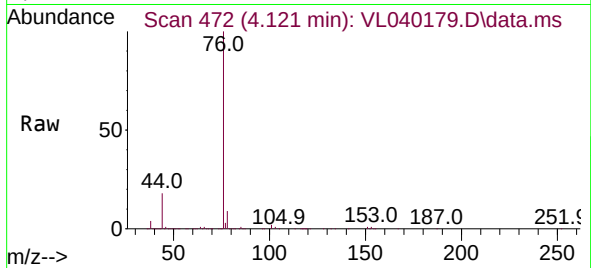
Ion	Ratio	Lower	Upper
57	100		
41	91.5	74.3	111.5
43	238.3	193.0	289.4
56	53.9	42.6	64.0





#27
Carbon Disulfide
Concen: 10.680 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

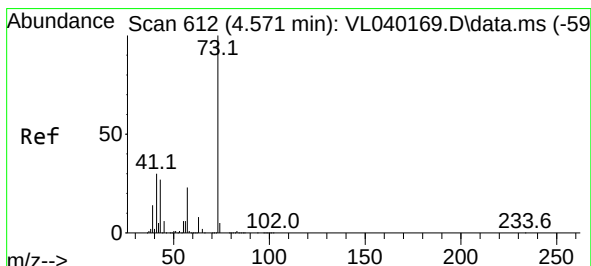
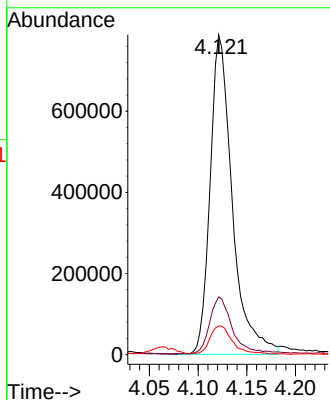
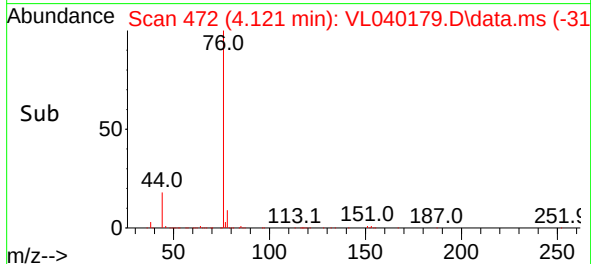
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 76 Resp: 124555
Ion Ratio Lower Upper
76 100
44 18.6 15.3 22.9
78 9.5 7.7 11.5

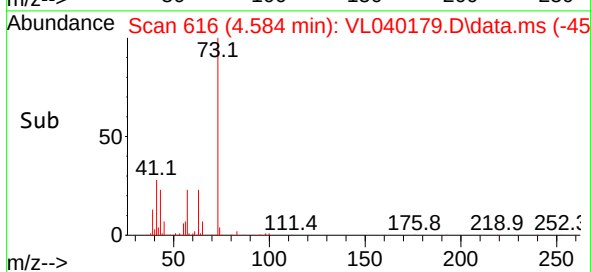
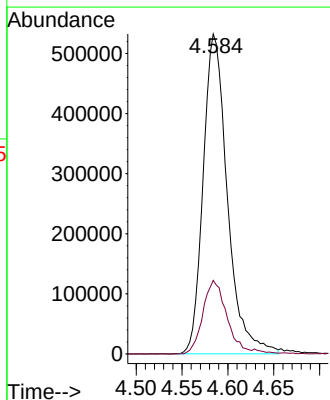
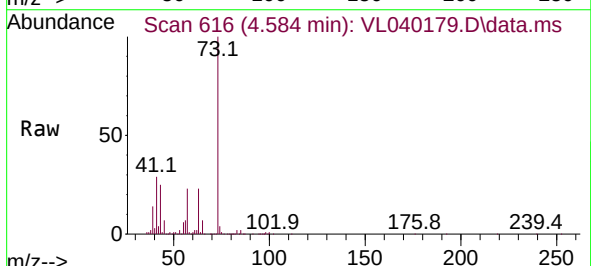
Manual Integrations
APPROVED

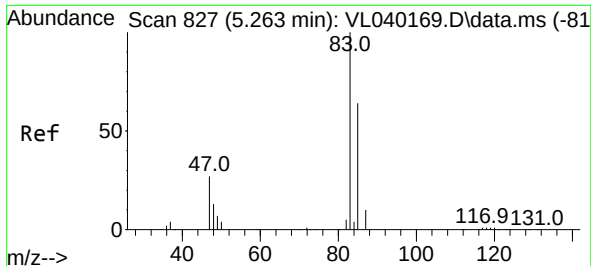
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
Methyl tert-Butyl Ether
Concen: 9.923 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

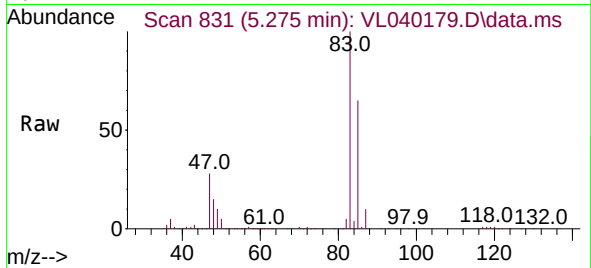
Tgt Ion: 73 Resp: 977267
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29
Chloroform
Concen: 9.682 ppbv
RT: 5.275 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

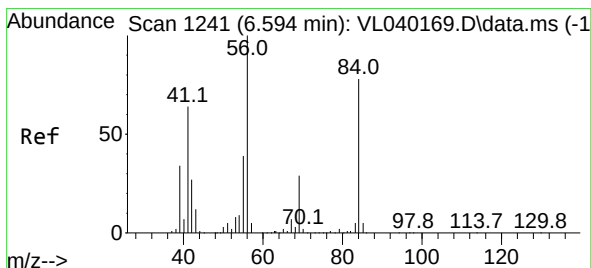
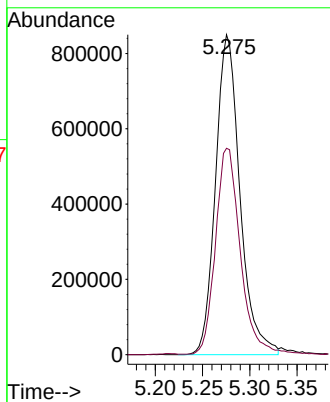
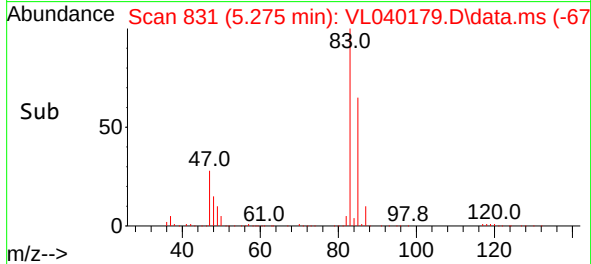
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 83 Resp: 152798
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3

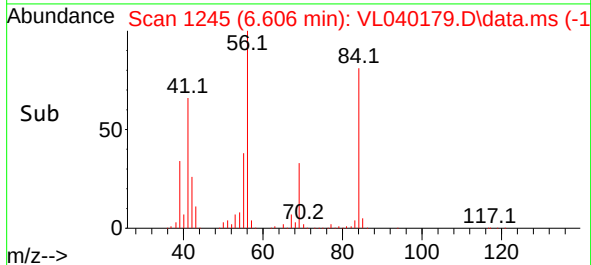
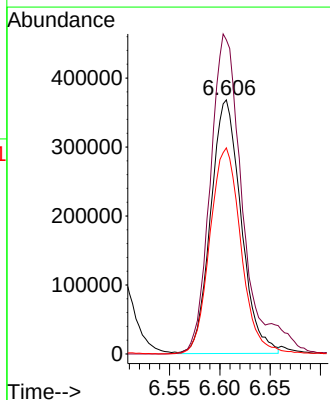
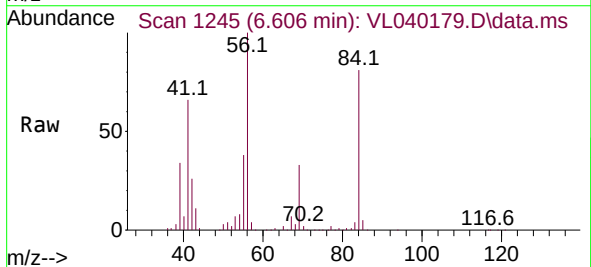
Manual Integrations
APPROVED

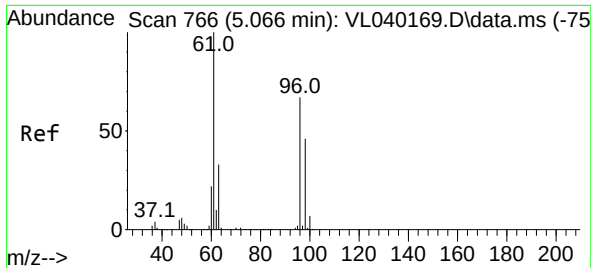
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#30
Cyclohexane
Concen: 10.688 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

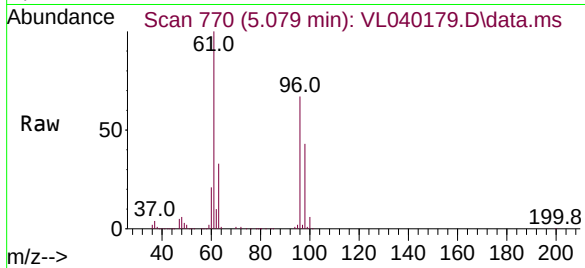
Tgt Ion: 84 Resp: 771359
Ion Ratio Lower Upper
84 100
56 135.7 109.9 164.9
41 83.5 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.870 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

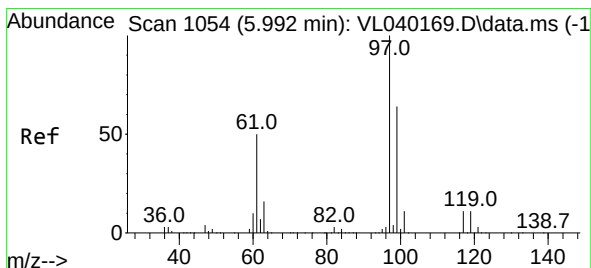
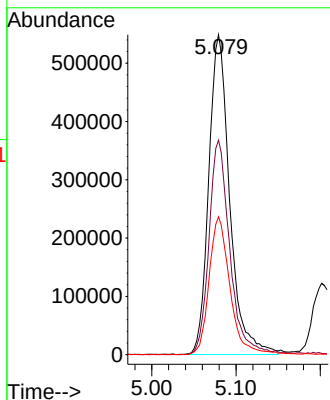
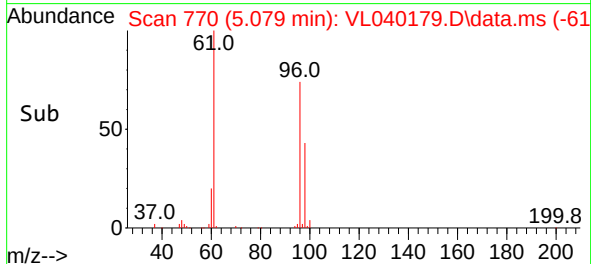
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL021523



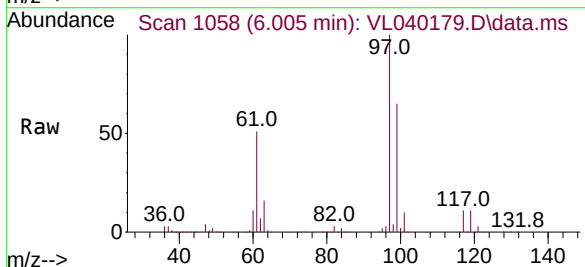
Tgt Ion: 61 Resp: 94929
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.7 80.5
 98 43.1 36.4 54.6

Manual Integrations
 APPROVED

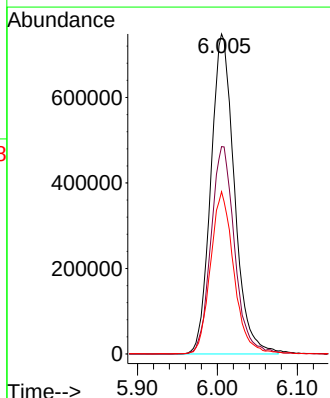
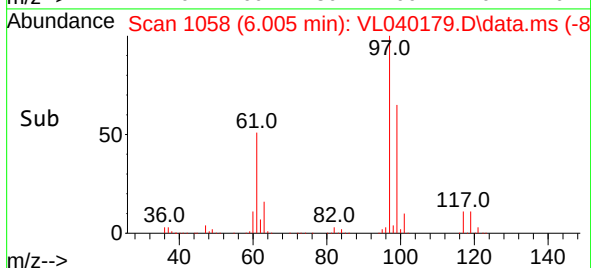
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

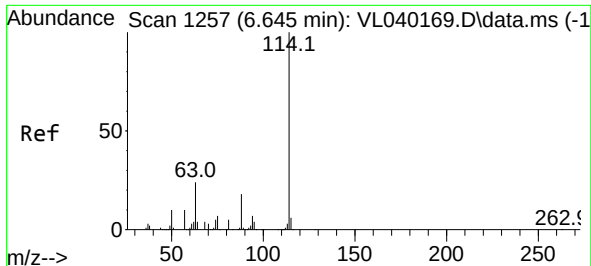


#32
 1,1,1-Trichloroethane
 Concen: 10.336 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44



Tgt Ion: 97 Resp: 1532554
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.5 77.3
 61 50.6 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: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion:114 Resp: 2458519

Ion Ratio Lower Upper

114 100

63 25.4 20.4 30.6

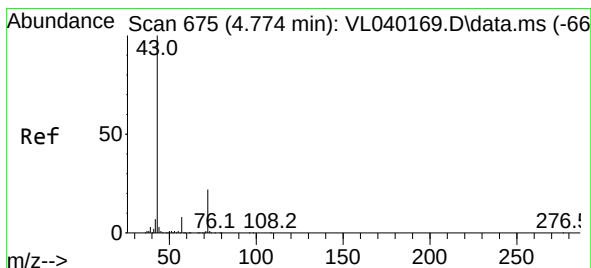
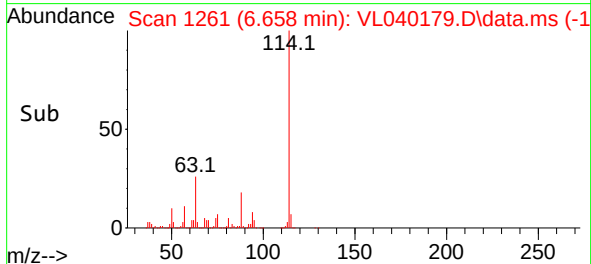
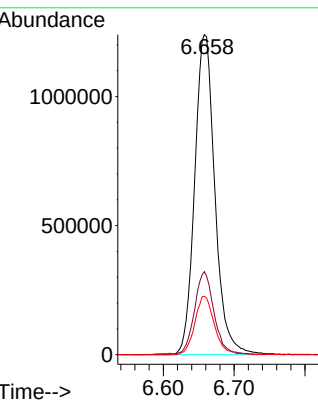
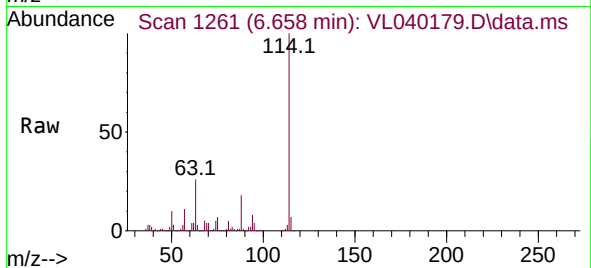
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#34

2-Butanone

Concen: 10.005 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.013 min

Lab File: VL040179.D

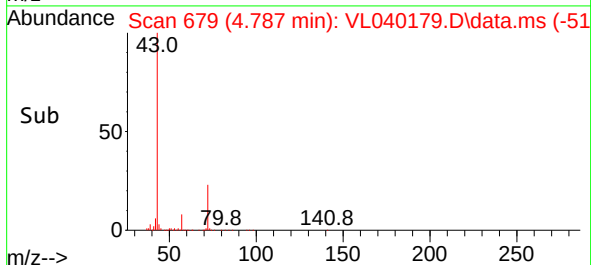
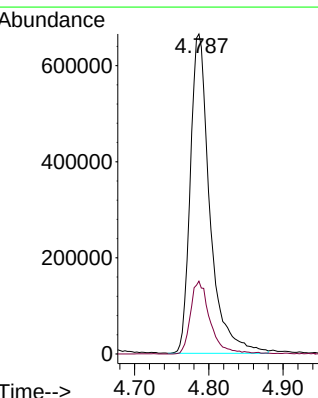
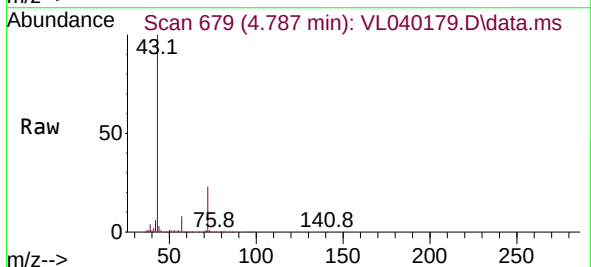
Acq: 15 Feb 2023 17:44

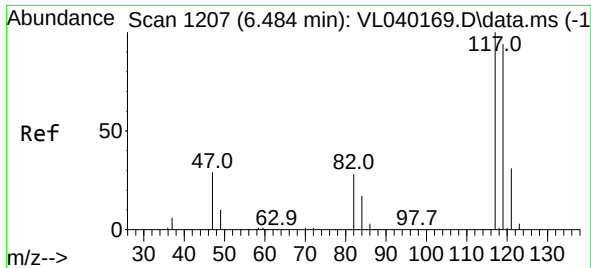
Tgt Ion: 43 Resp: 1213347

Ion Ratio Lower Upper

43 100

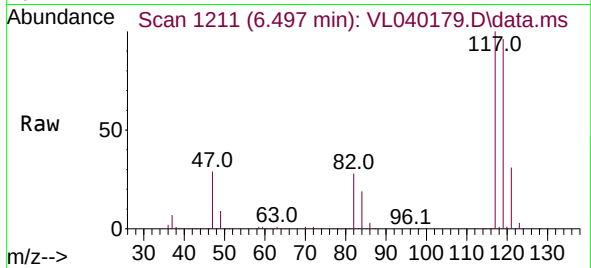
72 23.2 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.920 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

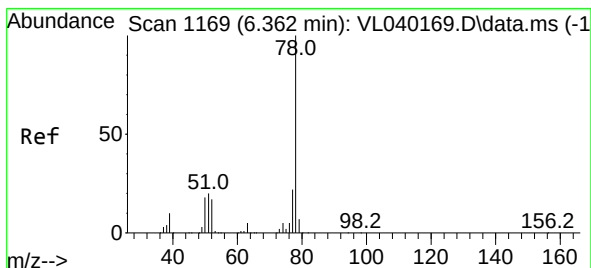
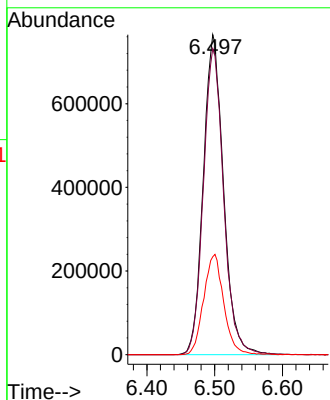
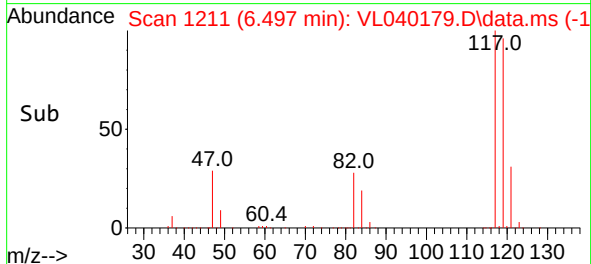
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion:117 Resp: 158714
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 30.6 25.0 37.4

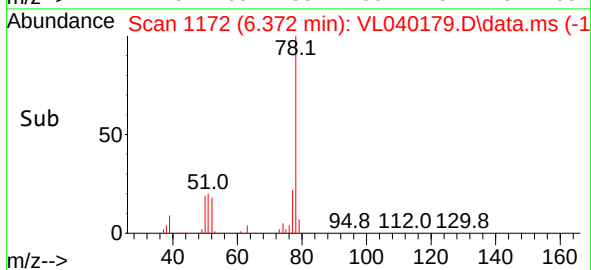
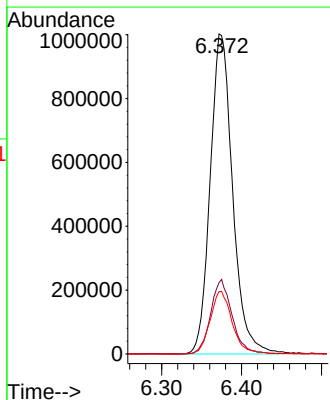
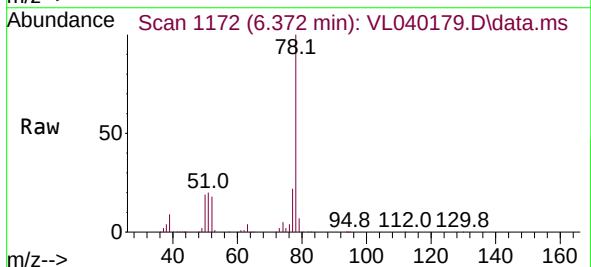
Manual Integrations
APPROVED

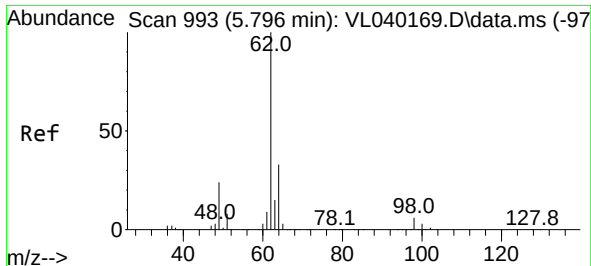
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
Benzene
Concen: 10.187 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

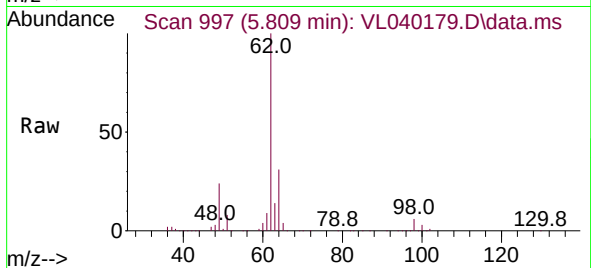
Tgt Ion: 78 Resp: 1948966
Ion Ratio Lower Upper
78 100
77 22.2 17.5 26.3
50 19.4 14.6 22.0





#37
1,2-Dichloroethane
Concen: 9.921 ppbv
RT: 5.809 min Scan# 993
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

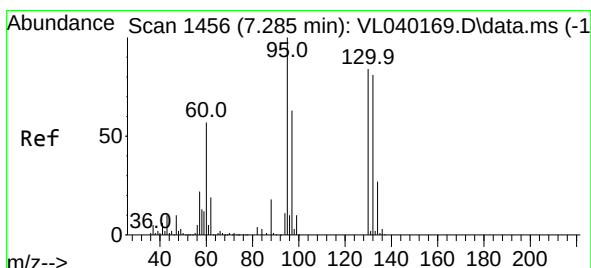
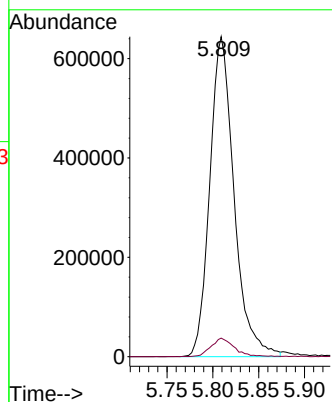
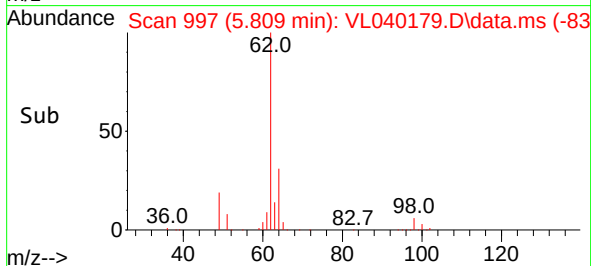
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 62 Resp: 1187130
Ion Ratio Lower Upper
62 100
98 5.7 4.7 7.1

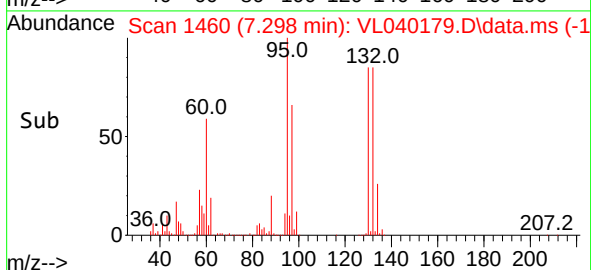
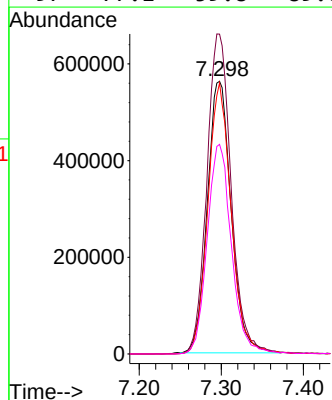
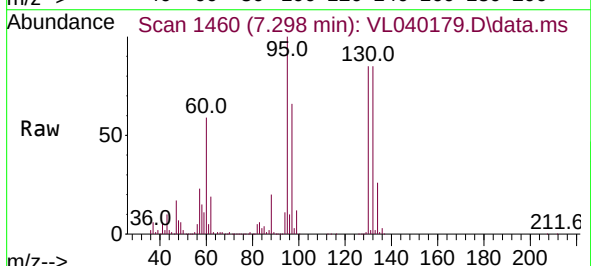
Manual Integrations
APPROVED

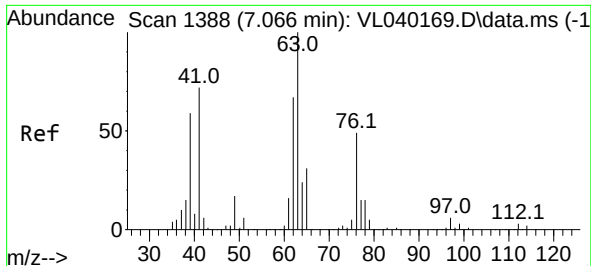
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Trichloroethene
Concen: 10.804 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:130 Resp: 1139080
Ion Ratio Lower Upper
130 100
95 117.7 94.7 142.1
132 99.7 76.4 114.6
97 77.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.890 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

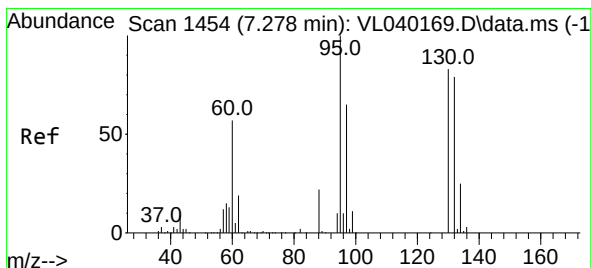
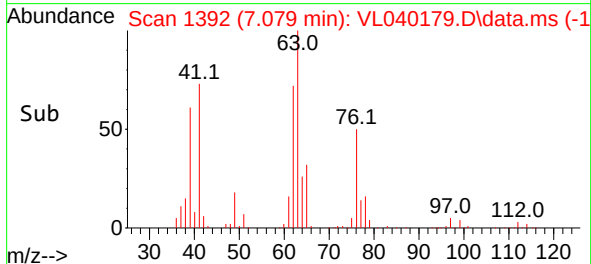
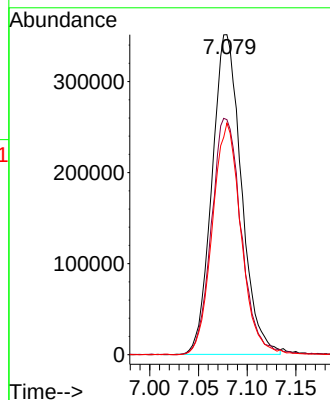
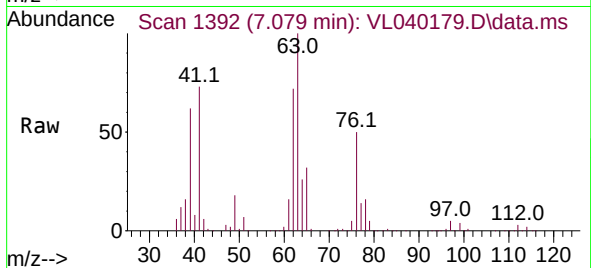
Tgt Ion: 63 Resp: 736075

Ion	Ratio	Lower	Upper
63	100		
41	73.4	57.6	86.4
62	72.3	54.0	81.0

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 10.711 ppbv

RT: 7.291 min Scan# 1458

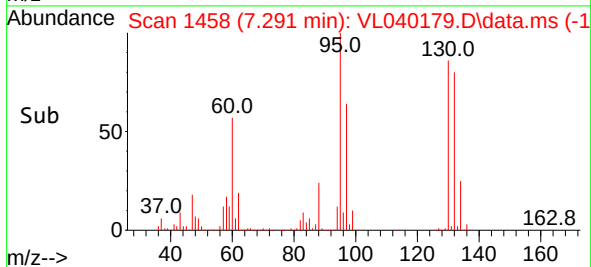
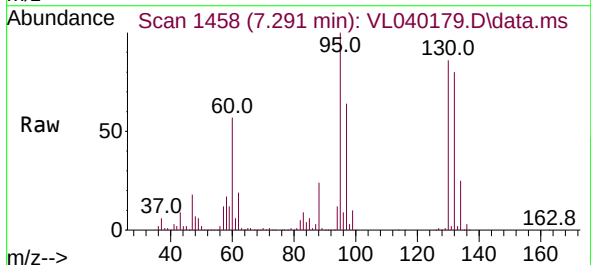
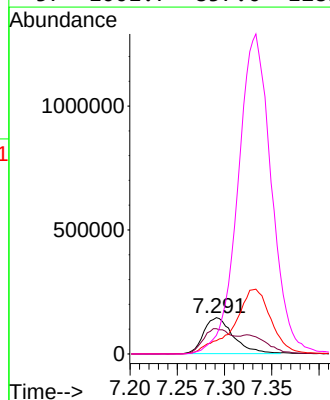
Delta R.T. 0.013 min

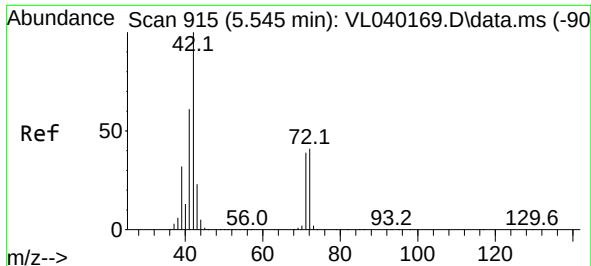
Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Tgt Ion: 88 Resp: 318901

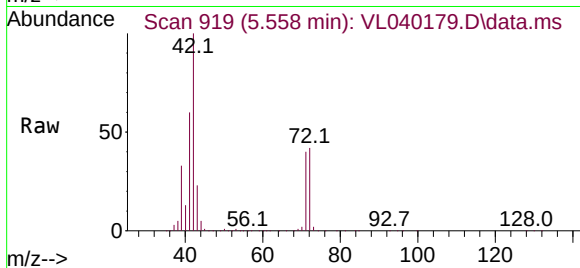
Ion	Ratio	Lower	Upper
88	100		
58	118.2	97.4	146.0
43	226.9	193.5	290.3
57	1001.7	857.0	1285.6





#41
Tetrahydrofuran
Concen: 10.791 ppbv
RT: 5.558 min Scan# 915
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

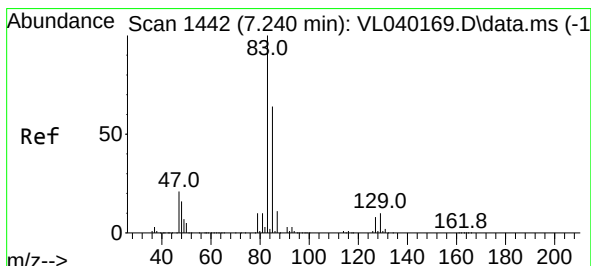
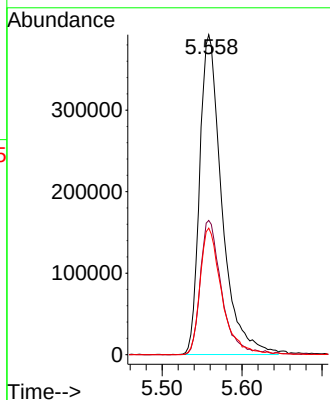
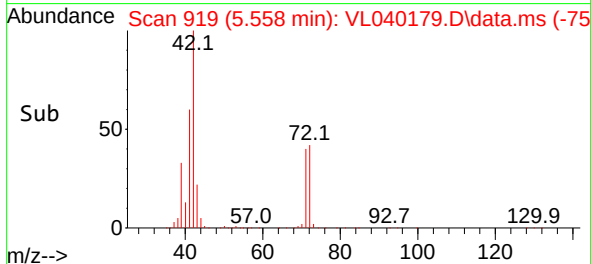
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 42 Resp: 758419
Ion Ratio Lower Upper
42 100
72 40.8 33.0 49.4
71 39.3 31.4 47.2

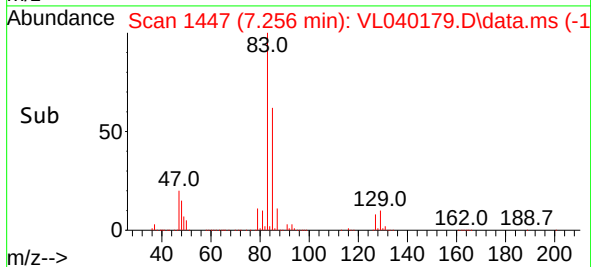
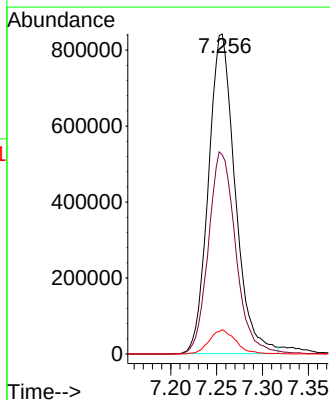
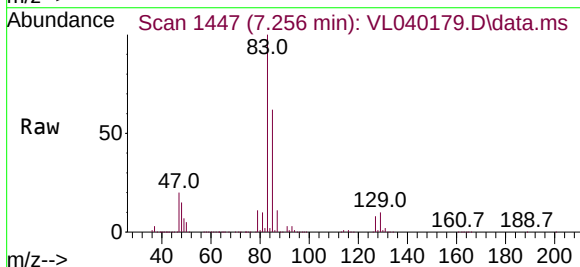
Manual Integrations
APPROVED

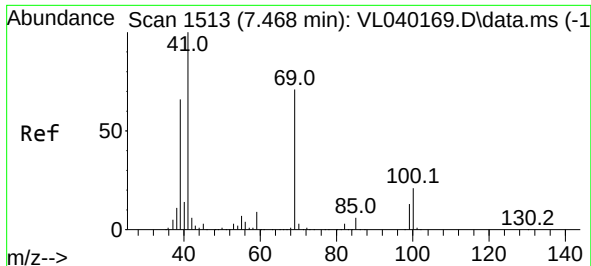
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Bromodichloromethane
Concen: 10.326 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

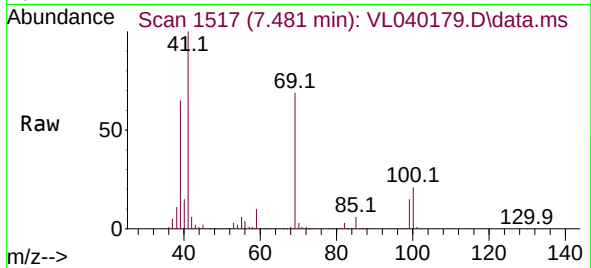
Tgt Ion: 83 Resp: 1705464
Ion Ratio Lower Upper
83 100
85 62.2 50.9 76.3
127 7.6 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.007 ppbv
RT: 7.481 min Scan# 1471
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

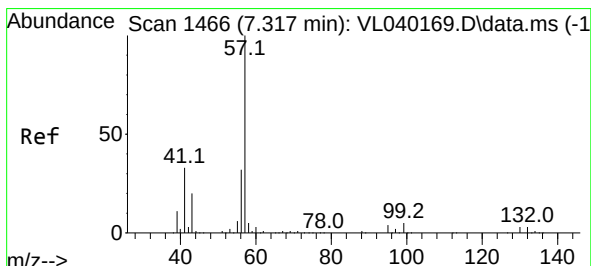
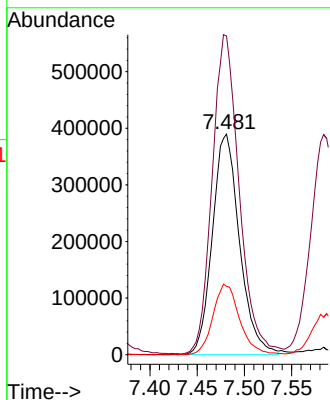
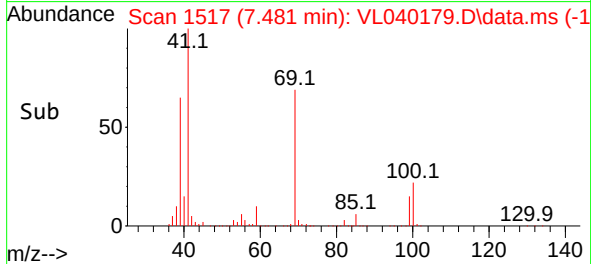
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 69 Resp: 77924
Ion Ratio Lower Upper
69 100
41 144.7 116.6 174.8
100 31.4 25.6 38.4

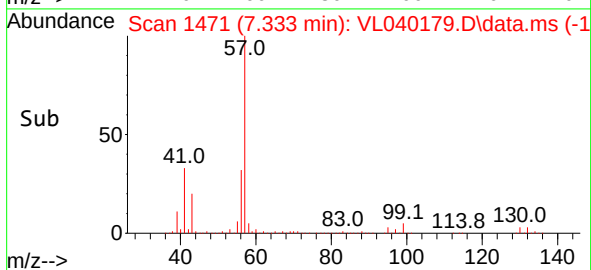
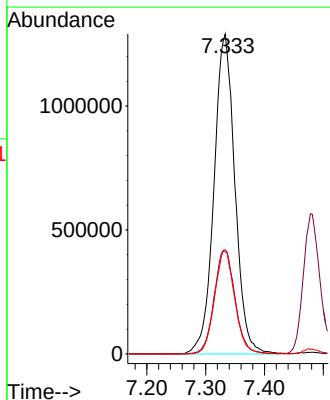
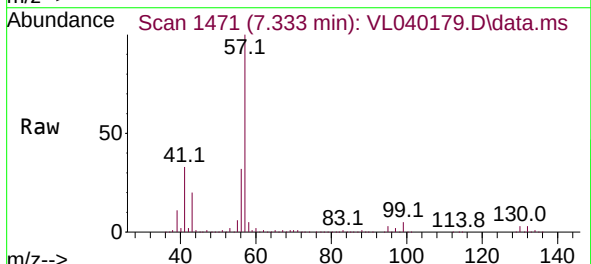
Manual Integrations
APPROVED

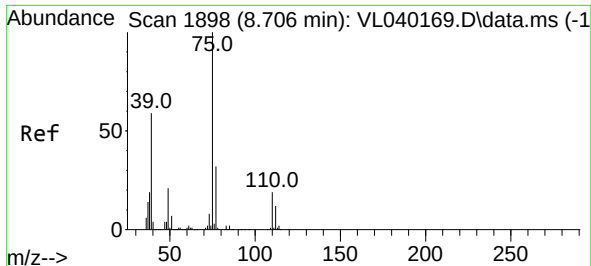
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
2,2,4-Trimethylpentane
Concen: 9.991 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 57 Resp: 3190999
Ion Ratio Lower Upper
57 100
41 32.6 26.2 39.4
56 31.1 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 12.023 ppbv

RT: 8.716 min Scan# 1898

Delta R.T. 0.010 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion: 75 Resp: 755029

Ion Ratio Lower Upper

75 100

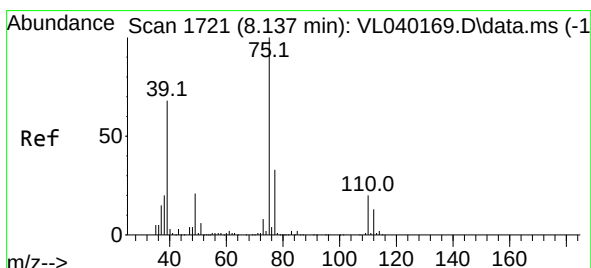
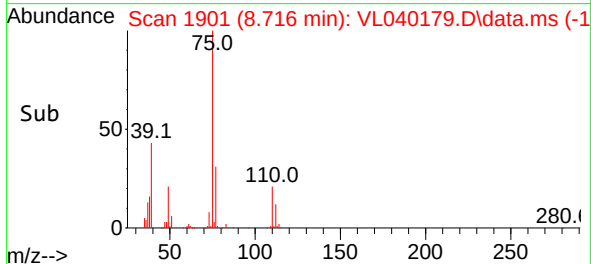
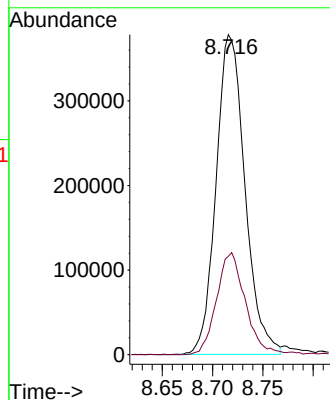
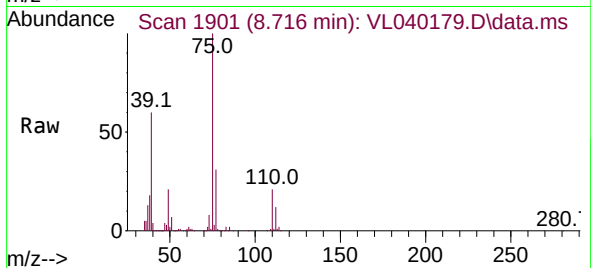
77 30.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#46

cis-1,3-Dichloropropene

Concen: 11.726 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

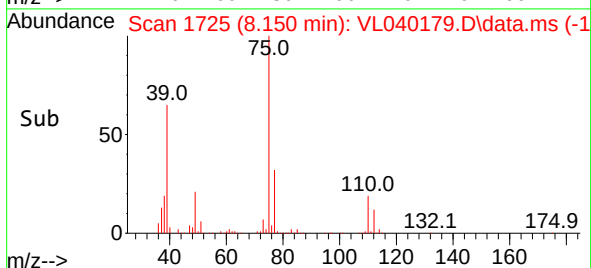
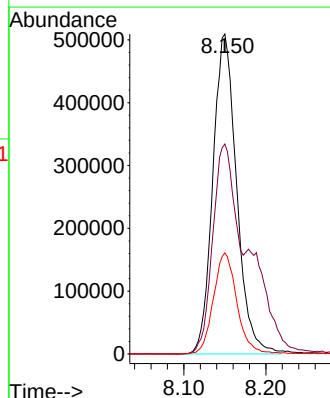
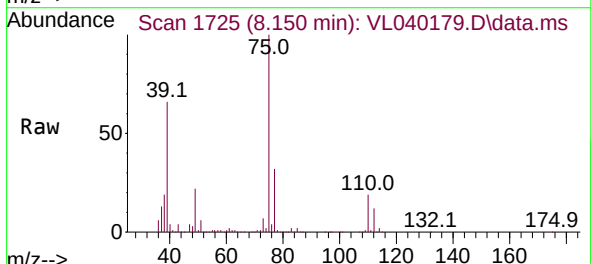
Tgt Ion: 75 Resp: 1025901

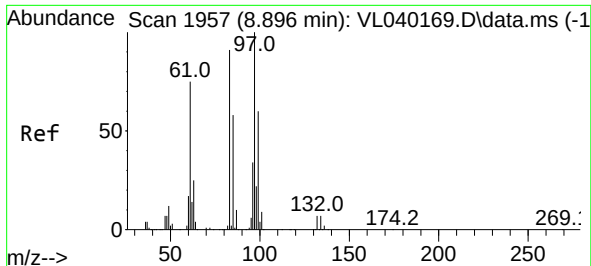
Ion Ratio Lower Upper

75 100

39 65.5 54.2 81.2

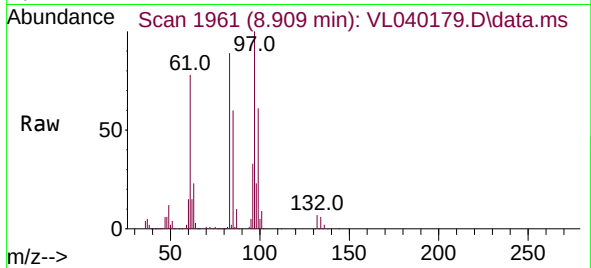
77 31.6 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 10.086 ppbv
RT: 8.909 min Scan# 1957
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

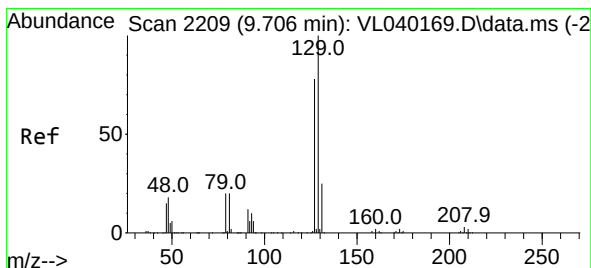
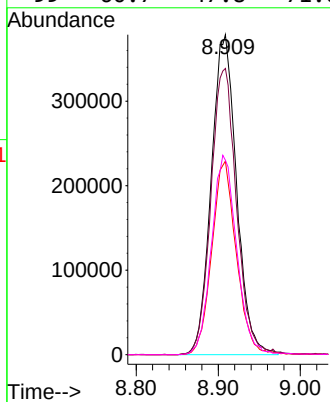
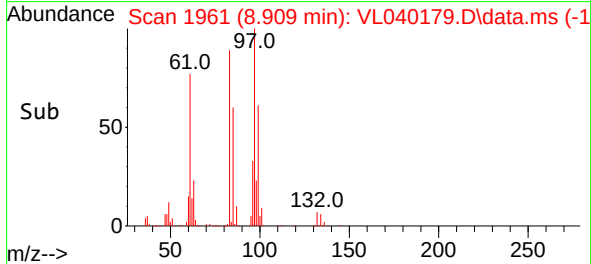
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 97 Resp: 811942
Ion Ratio Lower Upper
97 100
83 89.5 72.8 109.2
85 60.5 46.6 69.8
99 60.7 47.8 71.6

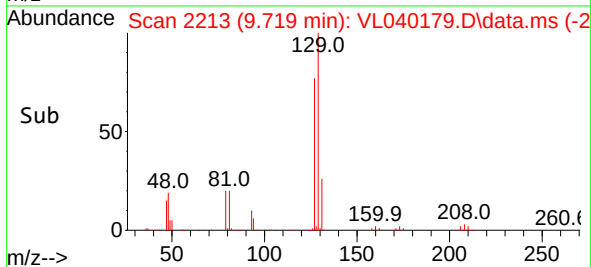
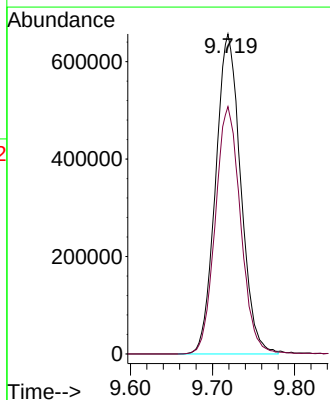
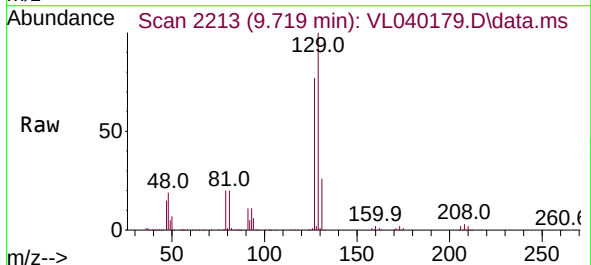
Manual Integrations
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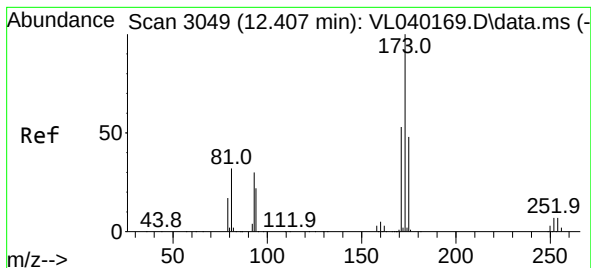
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#48
Dibromochloromethane
Concen: 10.845 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:129 Resp: 1396391
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#49

Bromoform

Concen: 11.008 ppbv

RT: 12.420 min Scan# 3049

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion:173 Resp: 1106302

Ion Ratio Lower Upper

173 100

175 49.9 39.4 59.0

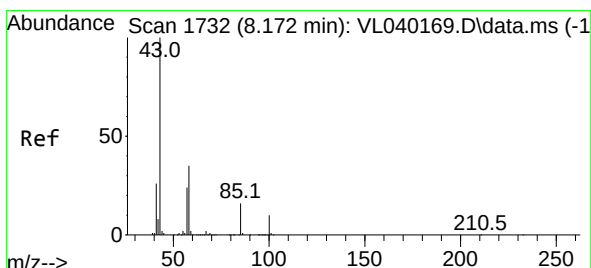
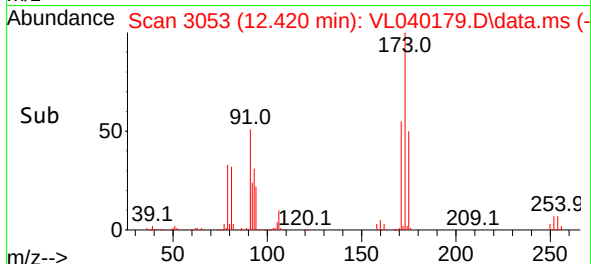
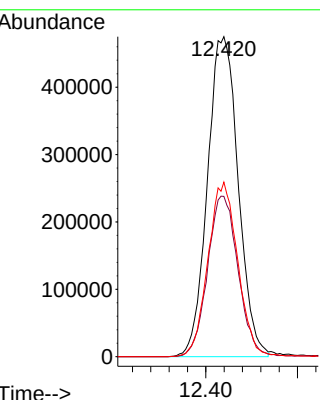
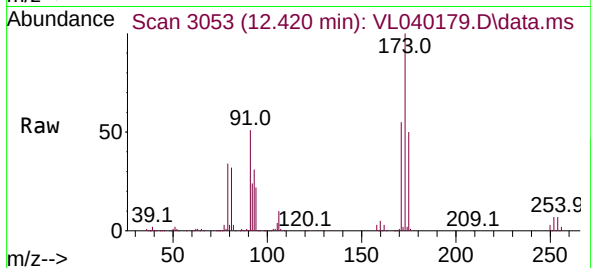
171 53.0 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#50

4-Methyl-2-Pentanone

Concen: 10.505 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.016 min

Lab File: VL040179.D

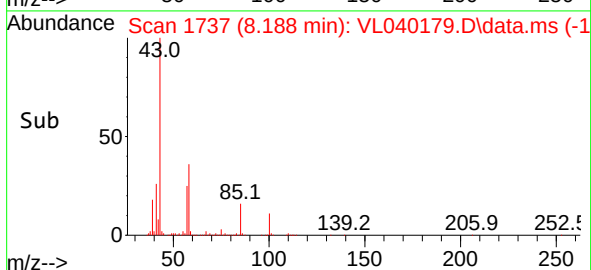
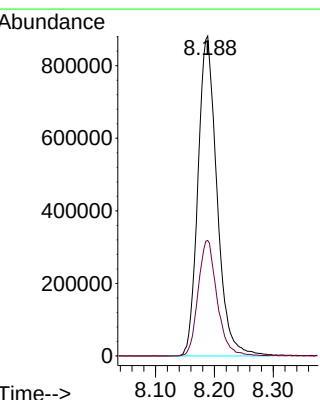
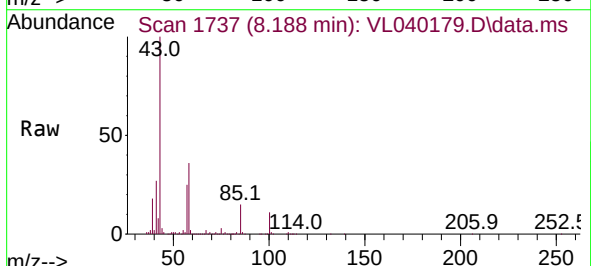
Acq: 15 Feb 2023 17:44

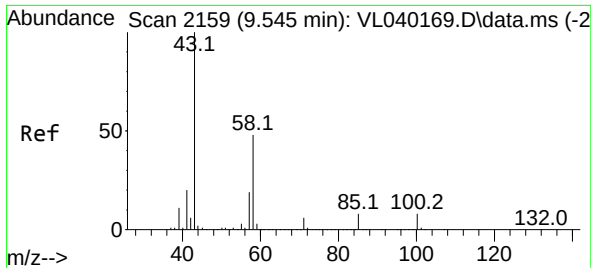
Tgt Ion: 43 Resp: 1978119

Ion Ratio Lower Upper

43 100

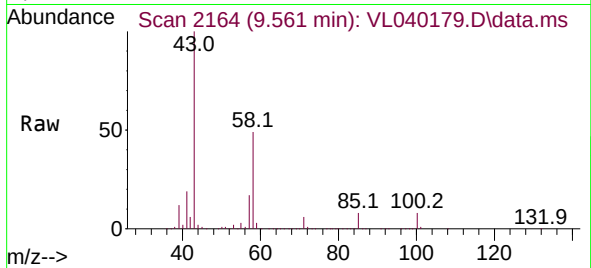
58 36.2 29.2 43.8





#51
2-Hexanone
Concen: 10.689 ppbv
RT: 9.561 min Scan# 2159
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

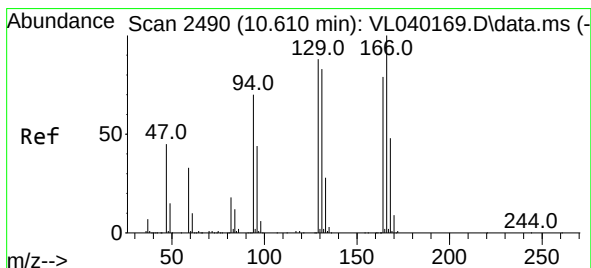
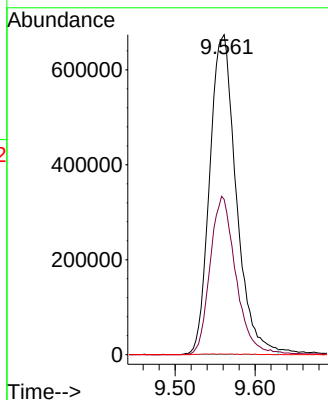
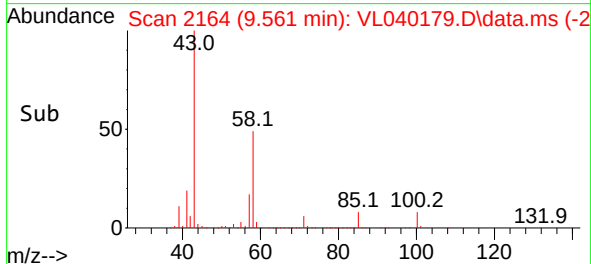
Instrument : MSVOA_L
ClientSampleId : ICVVL021523



Tgt Ion: 43 Resp: 1547919
Ion Ratio Lower Upper
43 100
58 48.7 39.1 58.7
98 0.4 0.2 0.4

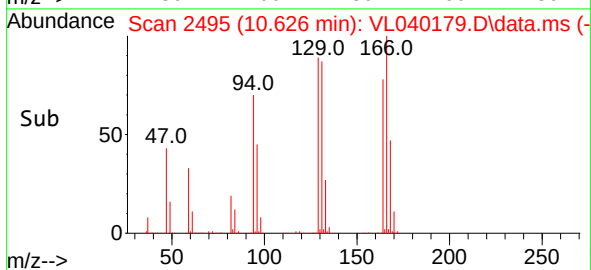
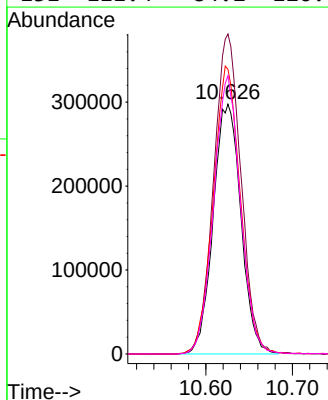
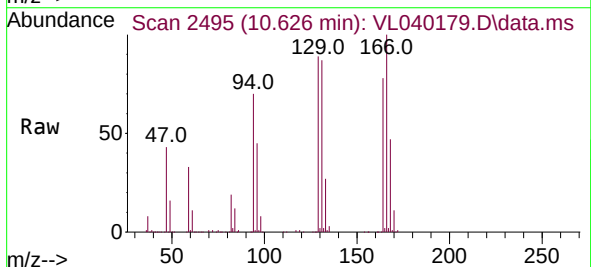
Manual Integrations
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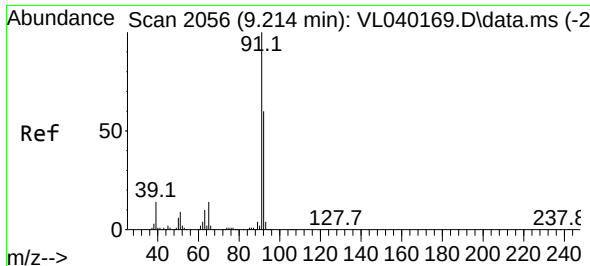
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
Tetrachloroethene
Concen: 11.060 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

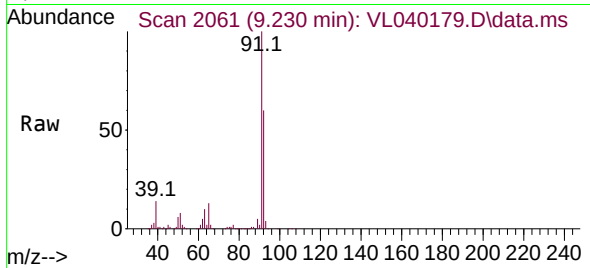
Tgt Ion:164 Resp: 660787
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 114.0 89.0 133.4
131 111.4 84.2 126.4





#53
Toluene
Concen: 10.865 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

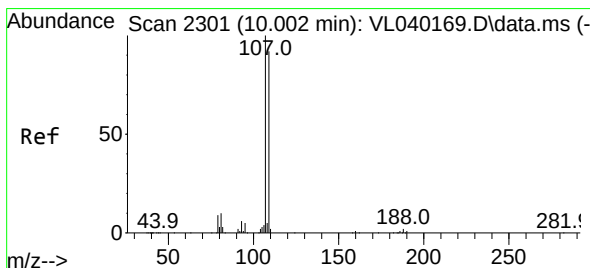
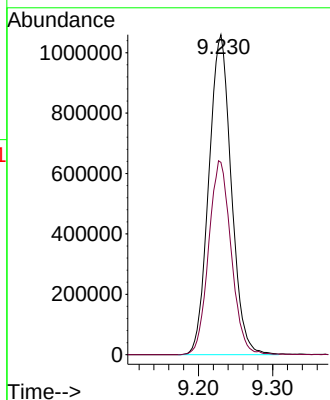
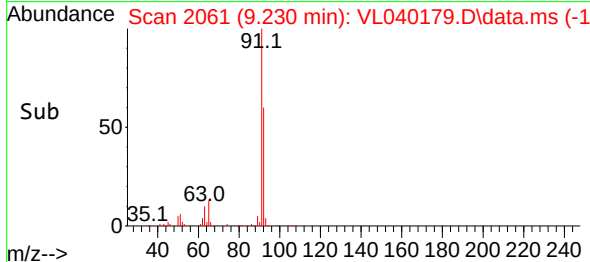
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



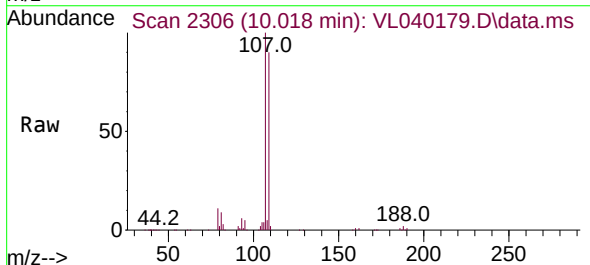
Tgt Ion: 91 Resp: 222653
Ion Ratio Lower Upper
91 100
92 60.9 48.9 73.3

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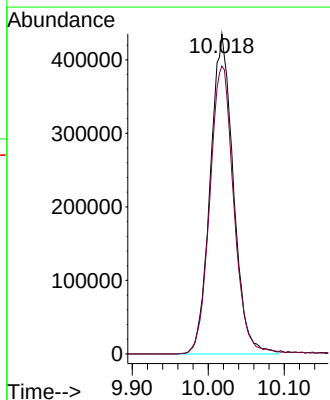
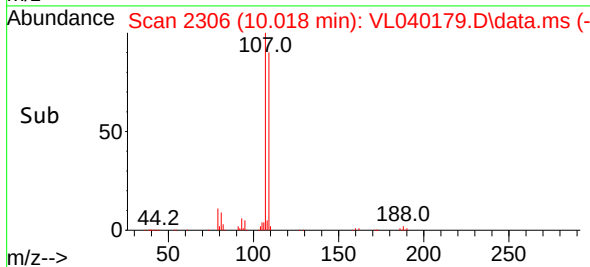
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

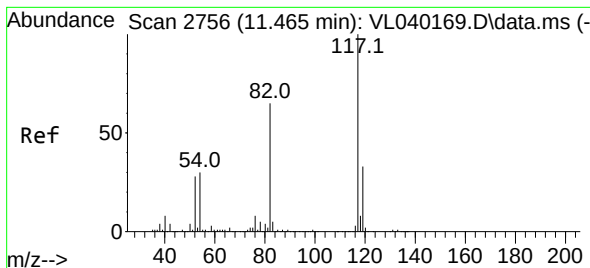


#54
1,2-Dibromoethane
Concen: 10.962 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44



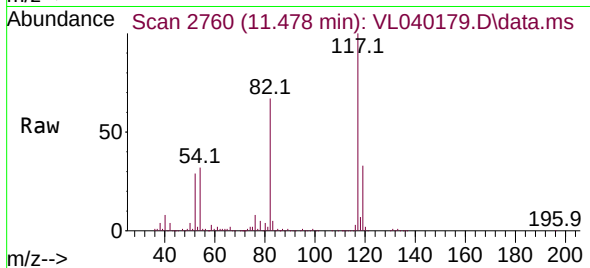
Tgt Ion:107 Resp: 918167
Ion Ratio Lower Upper
107 100
109 89.9 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.478 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

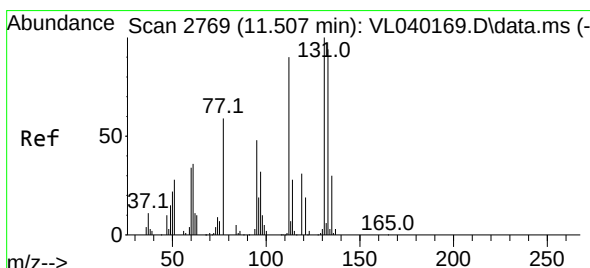
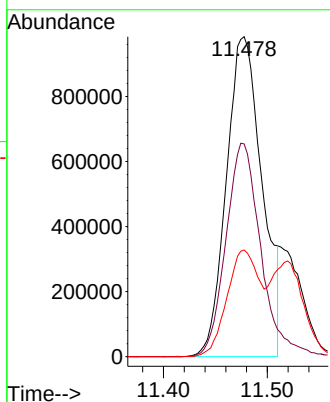
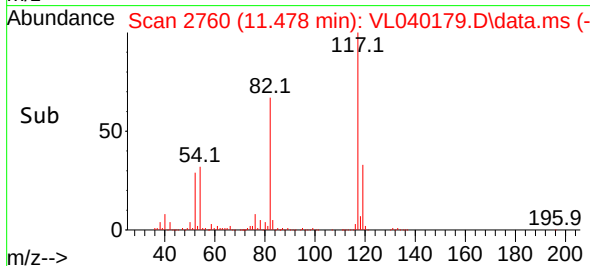
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion:117 Resp: 2357514
Ion Ratio Lower Upper
117 100
82 65.5 53.3 79.9
119 30.1 24.6 37.0

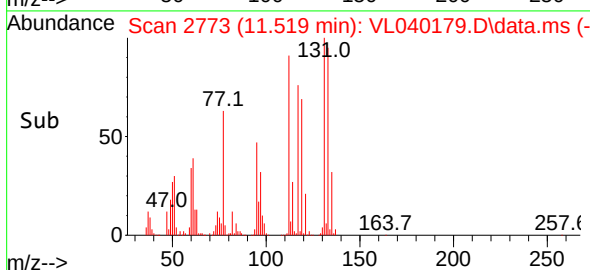
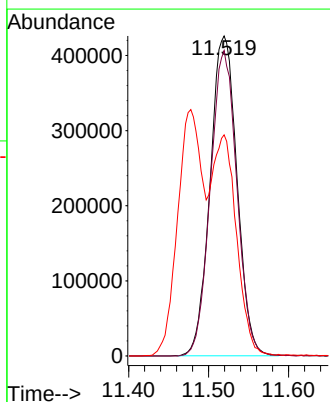
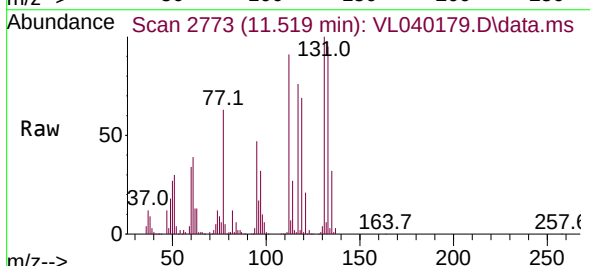
Manual Integrations
APPROVED

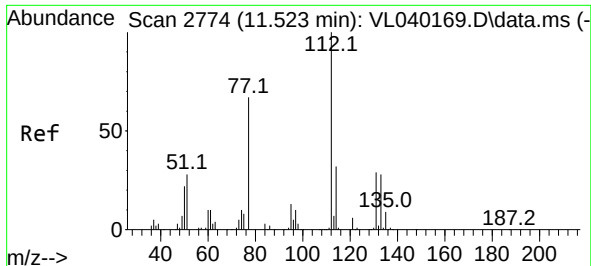
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.006 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

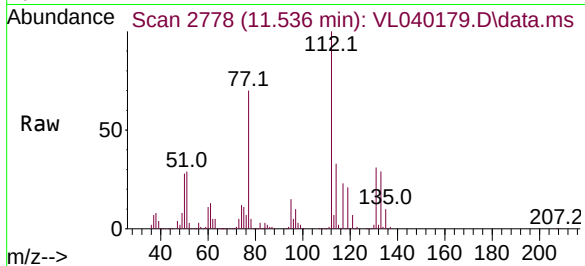
Tgt Ion:131 Resp: 990162
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.2
119 61.8 45.4 68.0





#57
Chlorobenzene
Concen: 9.836 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

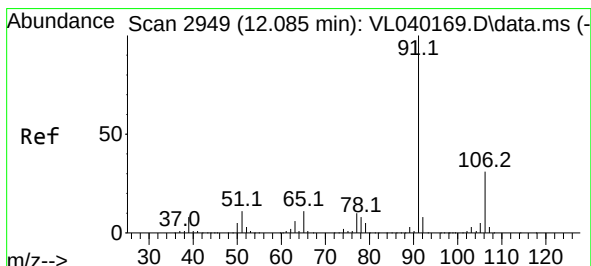
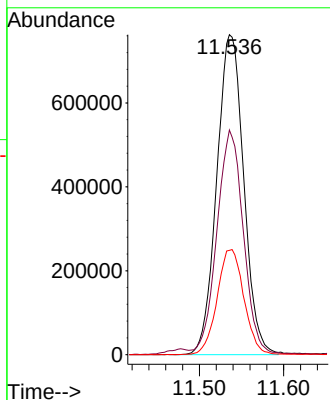
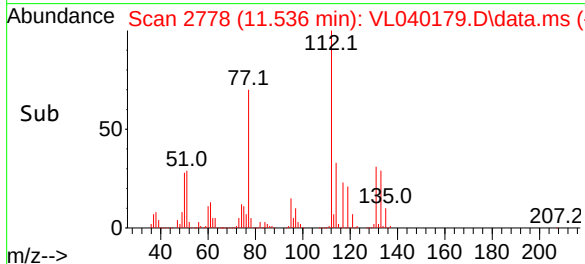
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 112 Resp: 1694088
Ion Ratio Lower Upper
112 100
77 69.6 55.0 82.4
114 32.5 29.0 35.4

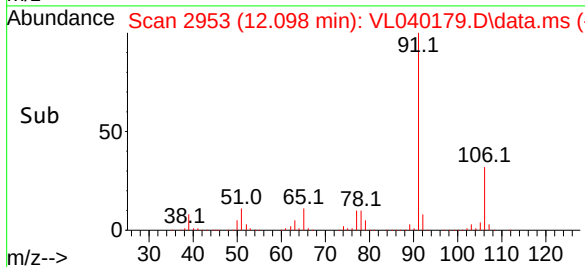
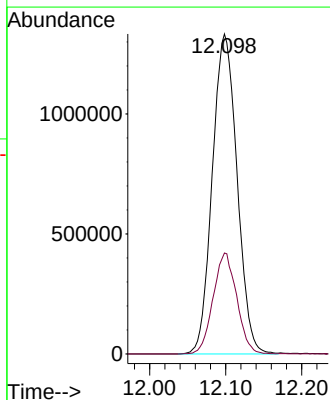
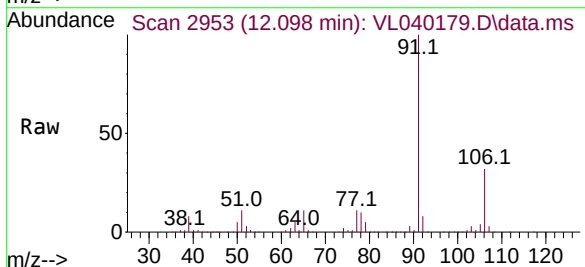
Manual Integrations
APPROVED

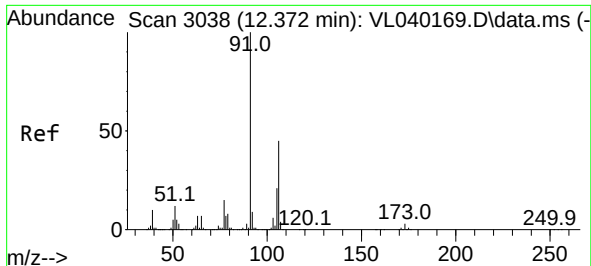
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
Ethyl Benzene
Concen: 10.522 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 91 Resp: 3013920
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3





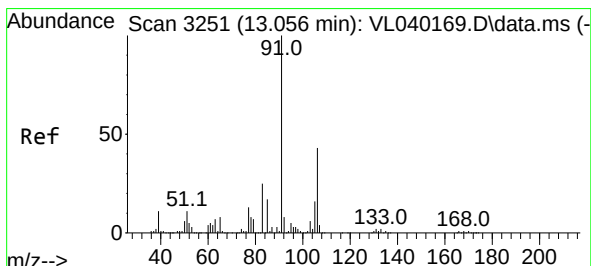
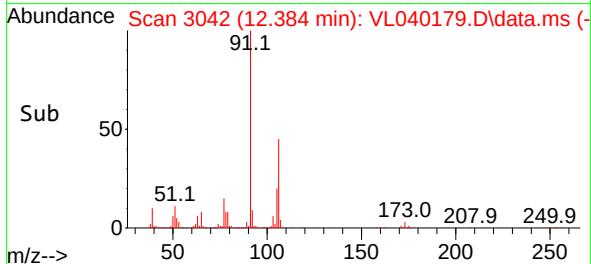
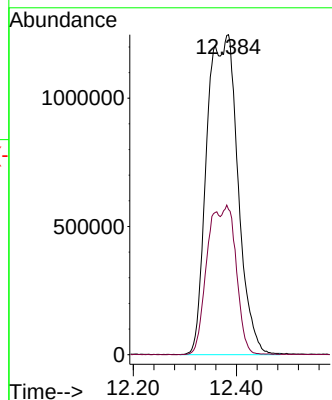
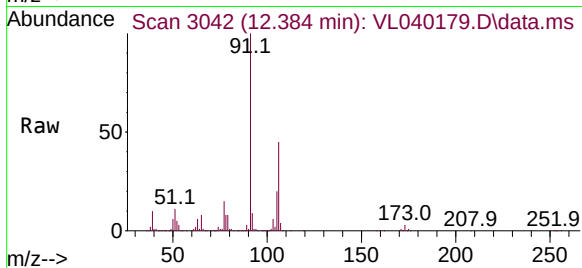
#59
m/p-Xylene
Concen: 20.463 ppbv m
RT: 12.384 min Scan# 3038
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

Tgt Ion: 91 Resp: 5191434
Ion Ratio Lower Upper
91 100
106 43.5 34.6 51.8

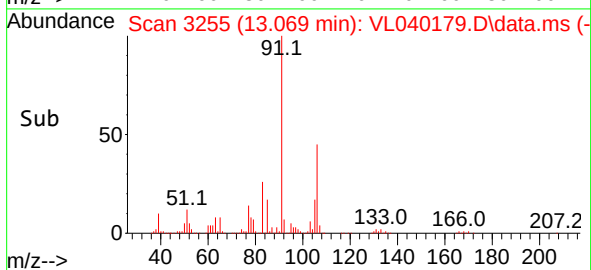
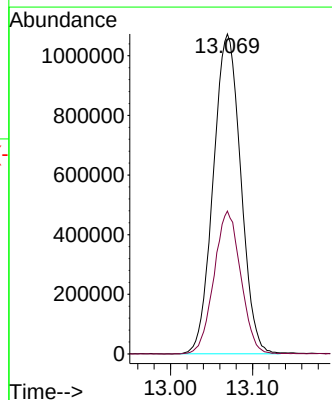
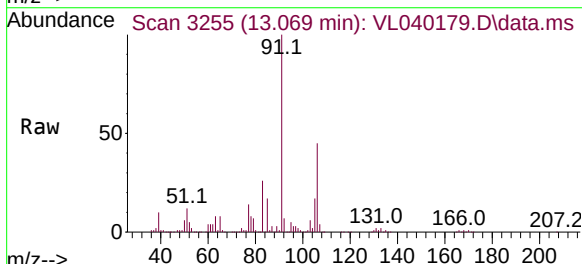
Manual Integrations
APPROVED

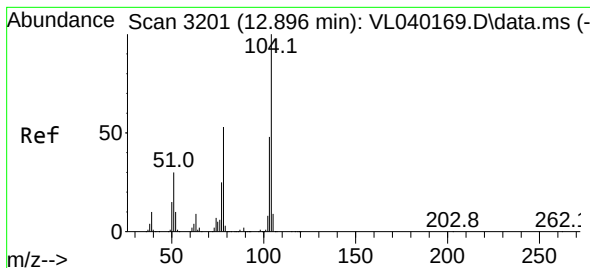
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
o-Xylene
Concen: 10.207 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion: 91 Resp: 2491779
Ion Ratio Lower Upper
91 100
106 43.7 21.6 65.0





#61

Styrene

Concen: 11.380 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion:104 Resp: 1458504

Ion Ratio Lower Upper

104 100

78 52.8 42.3 63.5

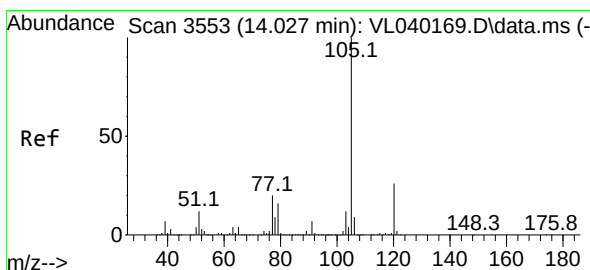
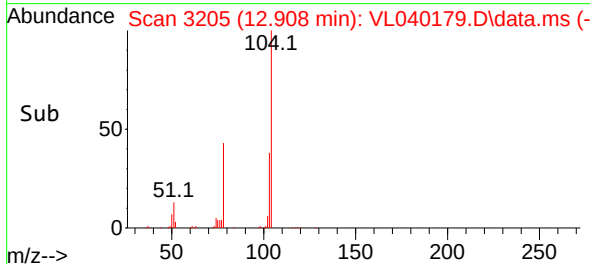
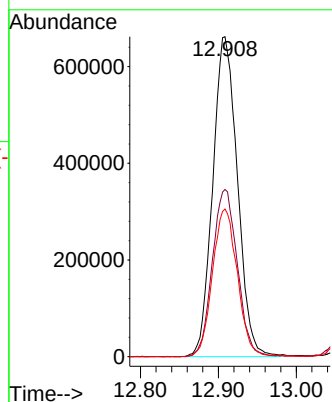
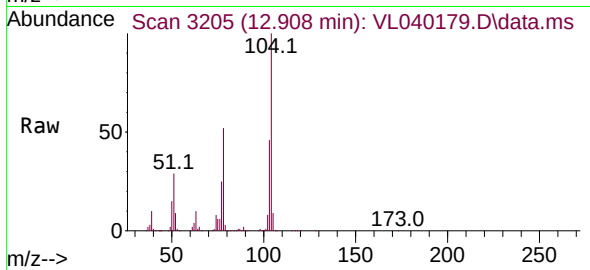
103 46.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#62

Isopropylbenzene

Concen: 9.957 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.013 min

Lab File: VL040179.D

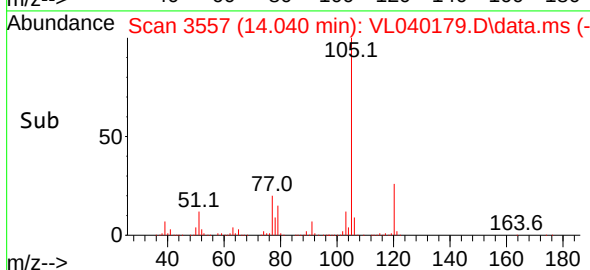
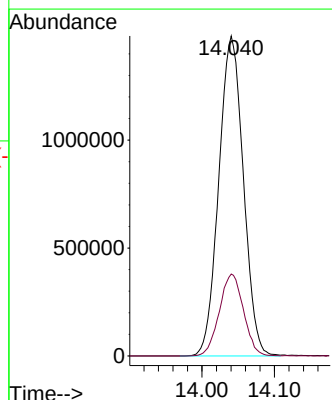
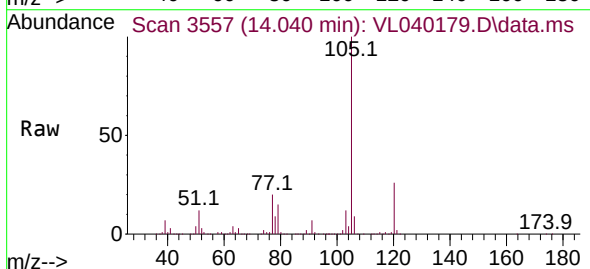
Acq: 15 Feb 2023 17:44

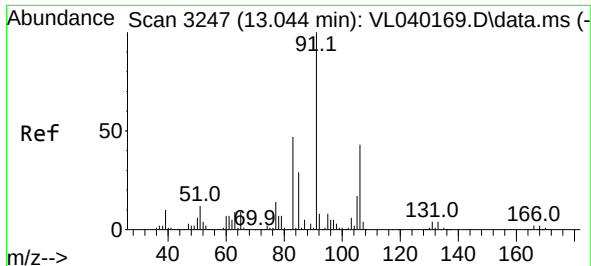
Tgt Ion:105 Resp: 3488966

Ion Ratio Lower Upper

105 100

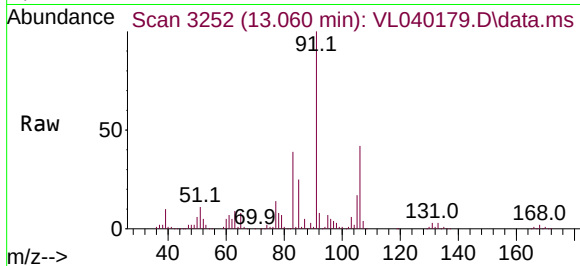
120 25.2 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.384 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

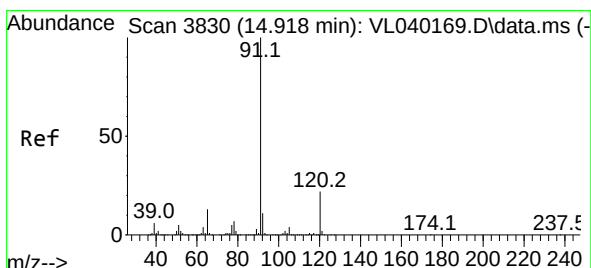
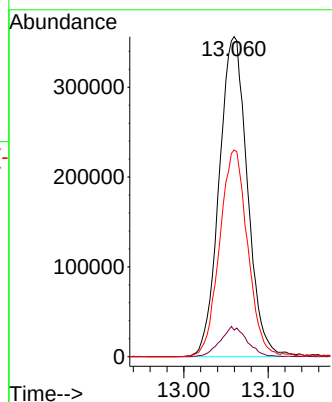
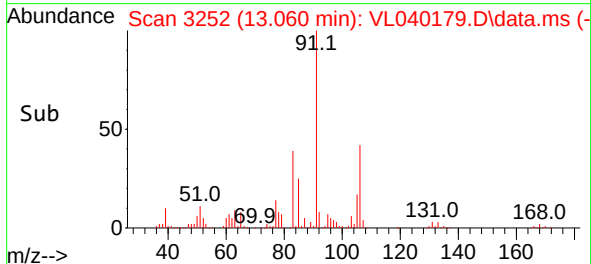
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion: 83 Resp: 825540
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 65.1 33.0 99.0

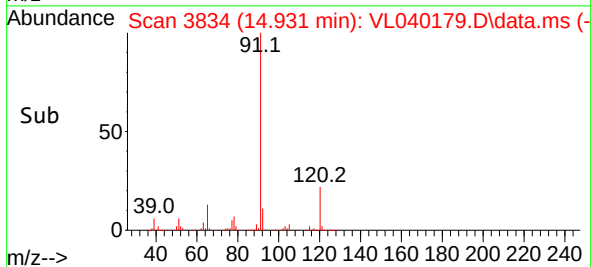
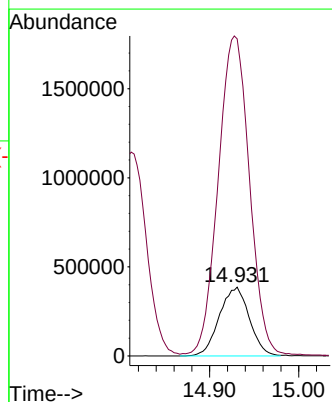
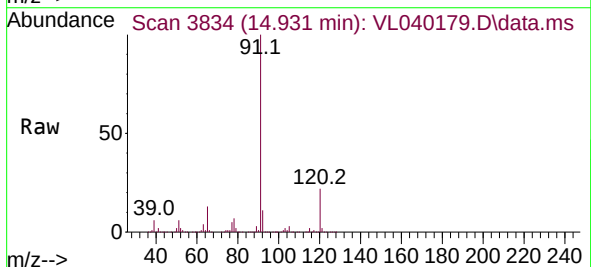
Manual Integrations
APPROVED

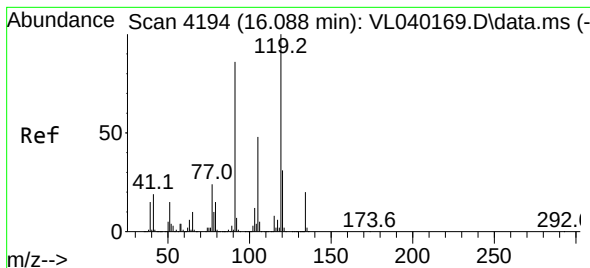
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
n-propylbenzene
Concen: 10.395 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

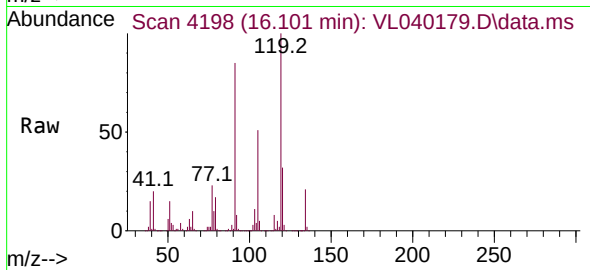
Tgt Ion:120 Resp: 901537
Ion Ratio Lower Upper
120 100
91 488.5 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.021 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

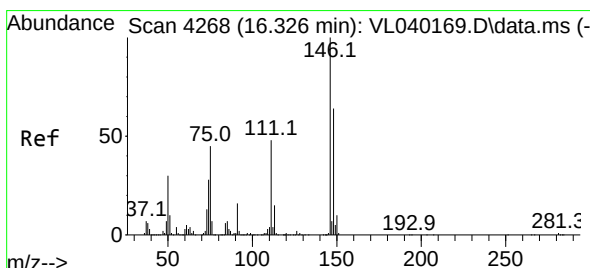
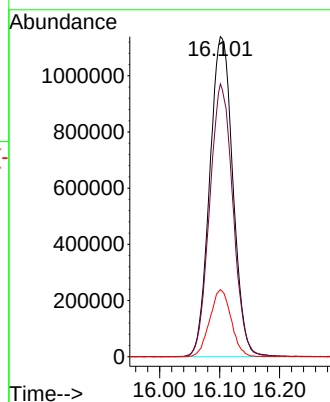
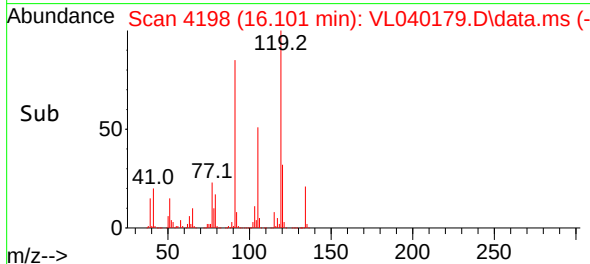
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



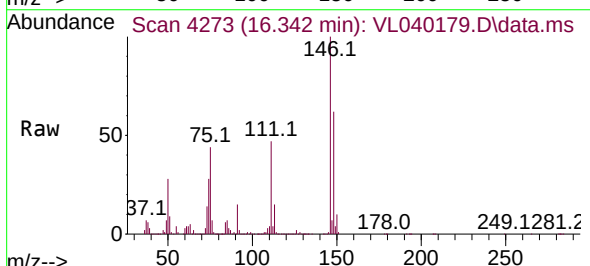
Tgt Ion:119 Resp: 3052250
Ion Ratio Lower Upper
119 100
91 85.6 68.6 102.8
134 19.4 15.9 23.9

Manual Integrations
APPROVED

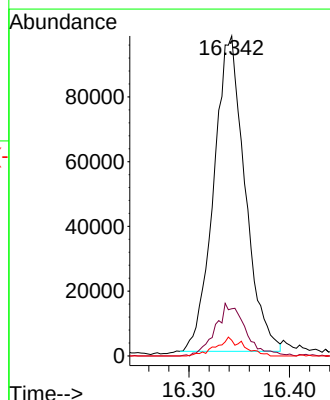
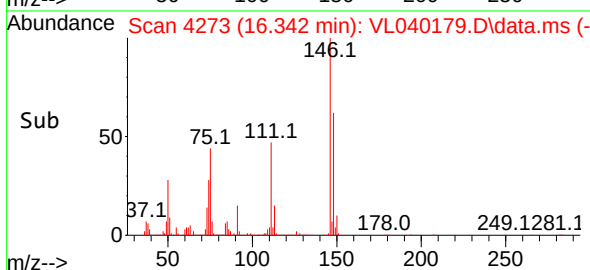
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

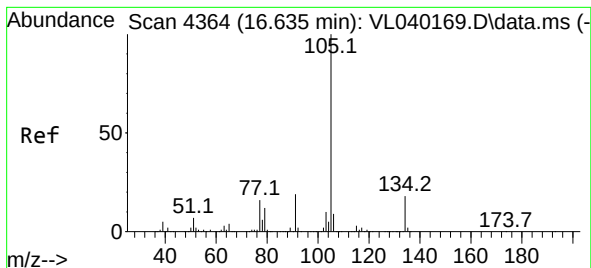


#66
Benzyl Chloride
Concen: 10.370 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44



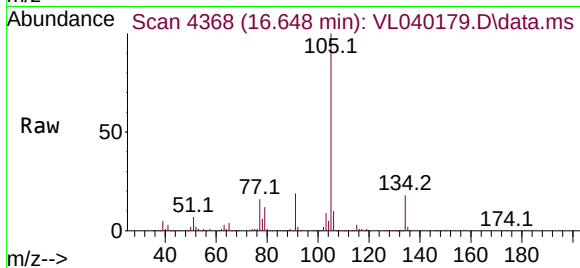
Tgt Ion: 91 Resp: 210197
Ion Ratio Lower Upper
91 100
126 16.0 13.1 19.7
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.856 ppbv
 RT: 16.648 min Scan# 4368
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44

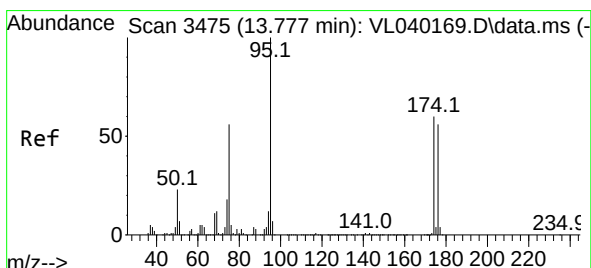
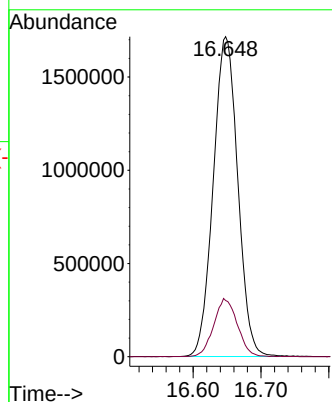
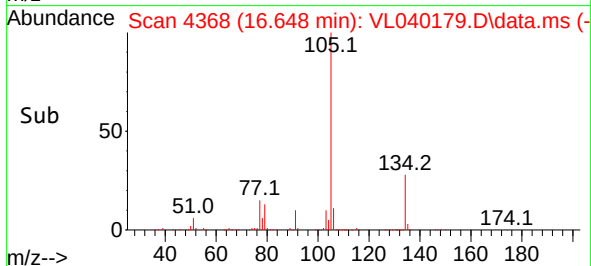
Instrument :
 MSVOA_L
 ClientSampleId :
 ICSV021523



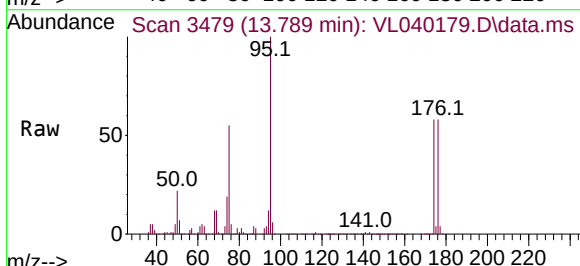
Tgt Ion: 105 Resp: 430548
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

Manual Integrations
 APPROVED

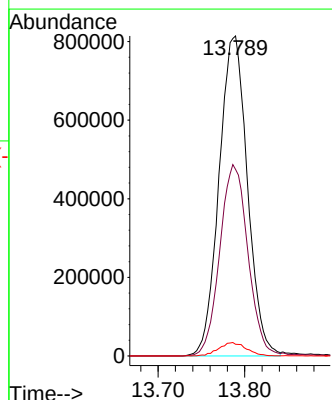
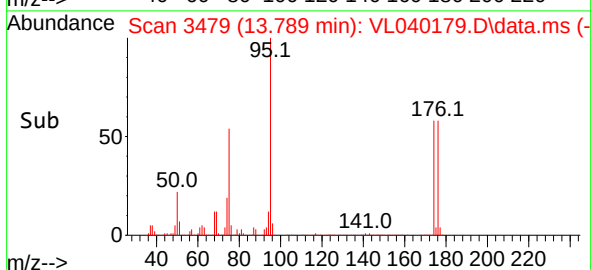
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

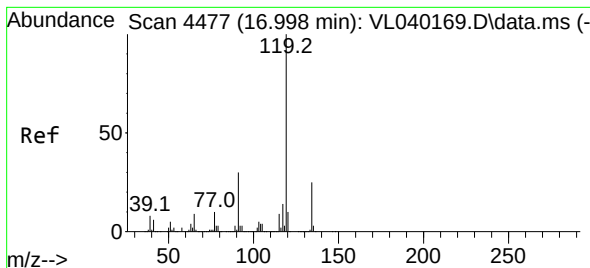


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.560 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.013 min
 Lab File: VL040179.D
 Acq: 15 Feb 2023 17:44



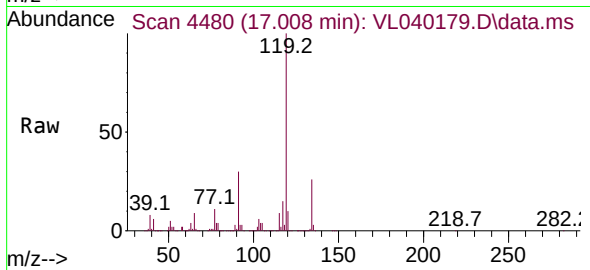
Tgt Ion: 95 Resp: 1853378
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.2 72.2
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.000 ppbv
RT: 17.008 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

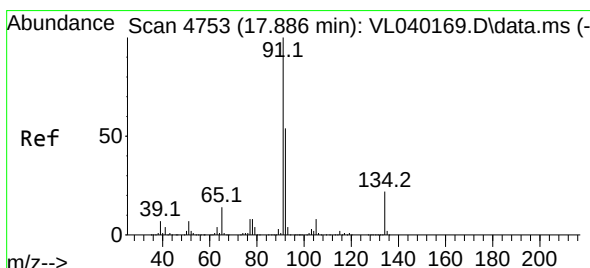
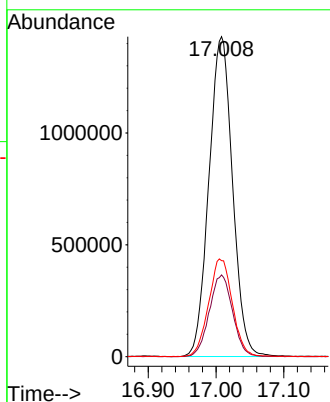
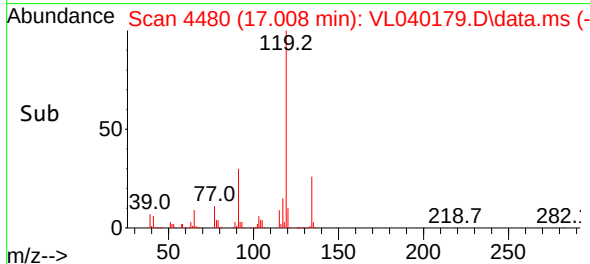
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



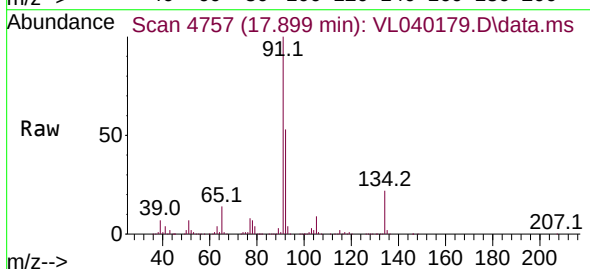
Tgt Ion:119 Resp: 3462777
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 30.8 24.7 37.1

Manual Integrations
APPROVED

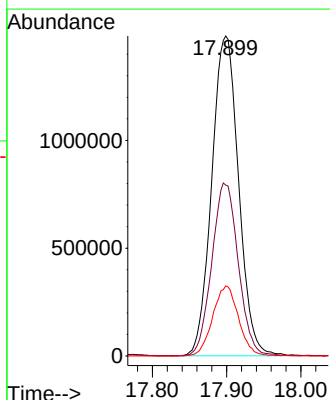
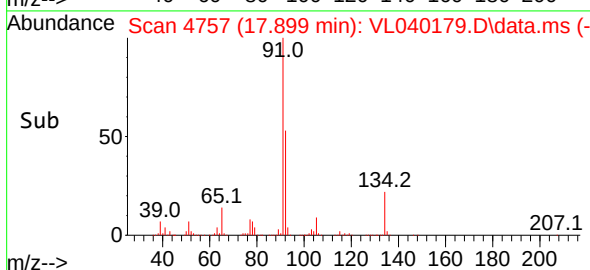
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

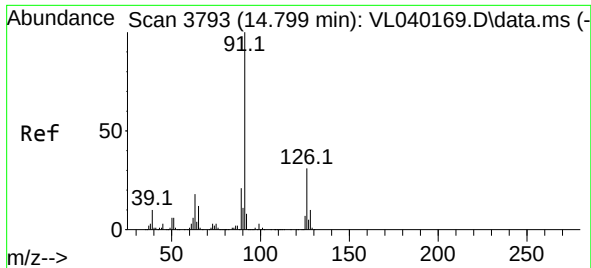


#70
n-Butylbenzene
Concen: 9.913 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44



Tgt Ion: 91 Resp: 3725939
Ion Ratio Lower Upper
91 100
92 53.4 43.0 64.6
134 21.1 16.9 25.3





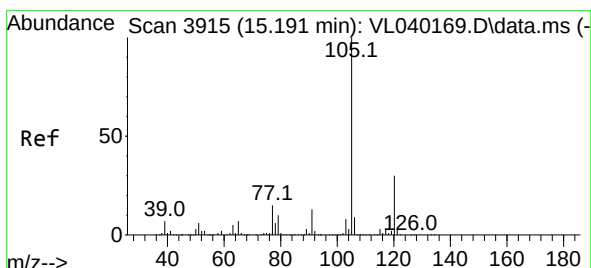
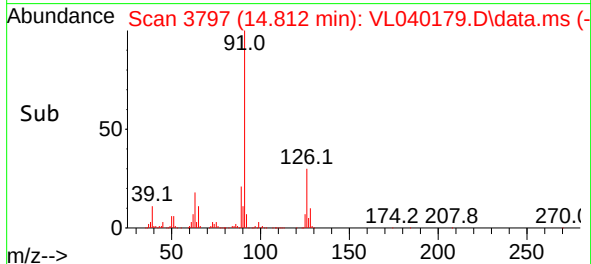
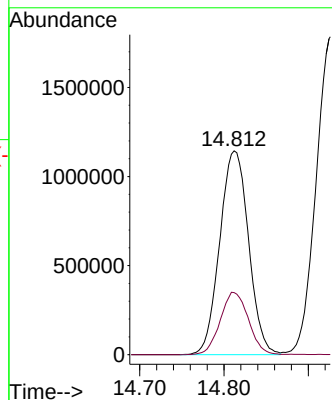
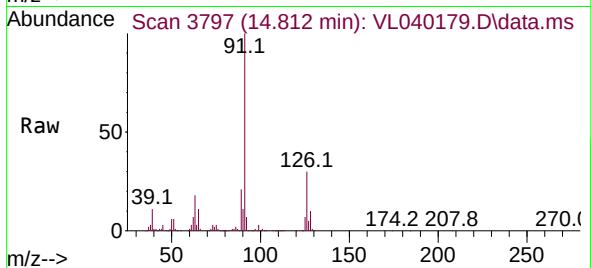
#71
2-Chlorotoluene
Concen: 10.149 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523

Tgt Ion: 91 Resp: 271994
Ion Ratio Lower Upper
91 100
126 30.1 12.0 48.2

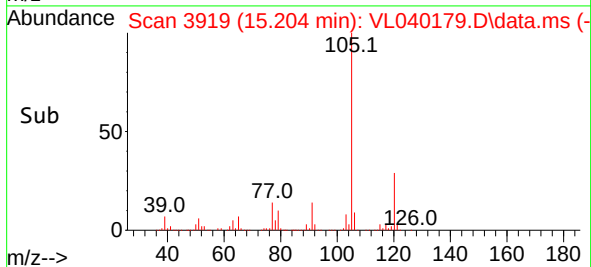
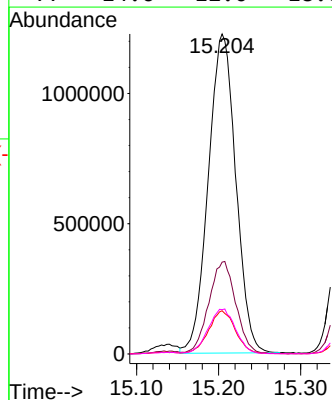
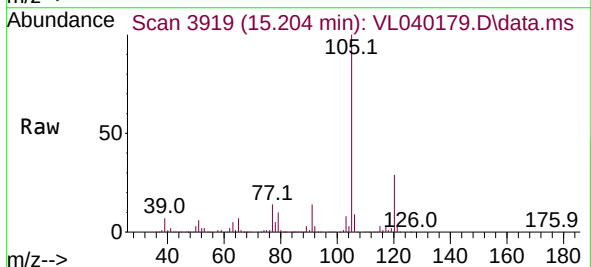
Manual Integrations
APPROVED

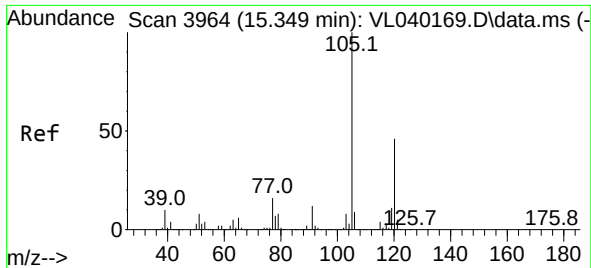
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#72
4-Ethyltoluene
Concen: 10.578 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

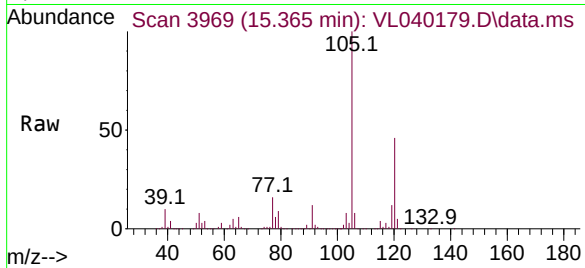
Tgt Ion:105 Resp: 2854500
Ion Ratio Lower Upper
105 100
120 28.7 23.2 34.8
91 13.1 11.3 16.9
77 14.6 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 10.043 ppbv
RT: 15.365 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

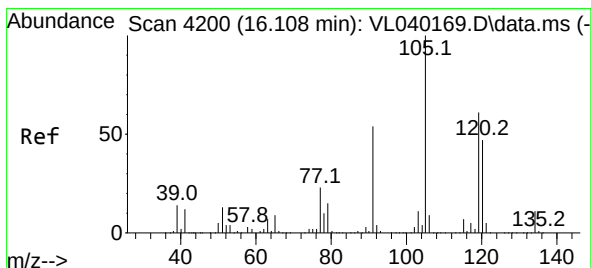
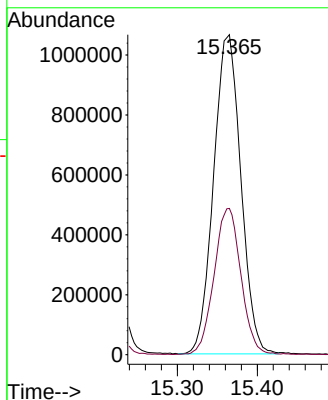
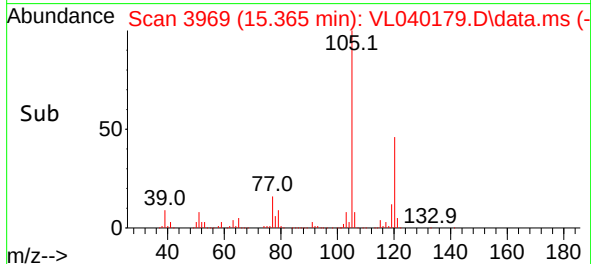
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



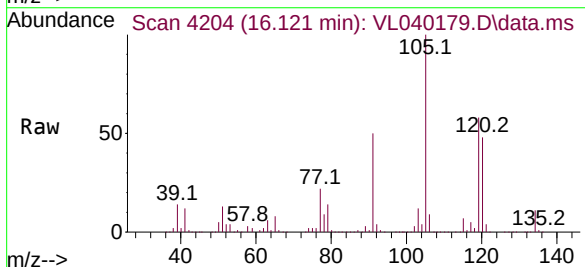
Tgt Ion:105 Resp: 2521774
Ion Ratio Lower Upper
105 100
120 45.7 36.8 55.2

Manual Integrations
APPROVED

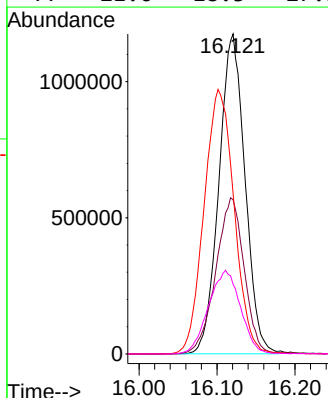
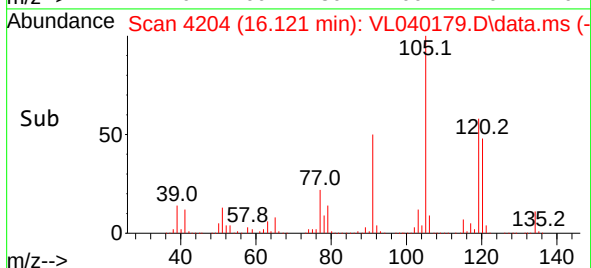
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

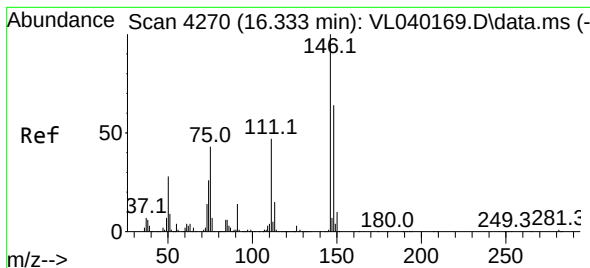


#74
1,2,4-Trimethylbenzene
Concen: 9.891 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44



Tgt Ion:105 Resp: 2728035
Ion Ratio Lower Upper
105 100
120 48.1 37.9 56.9
91 49.7 43.7 65.5
77 21.6 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 9.894 ppbv

RT: 16.342 min Scan# 4318

Delta R.T. 0.010 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523

Tgt Ion:146 Resp: 149341

Ion Ratio Lower Upper

146 100

111 48.2 23.9 71.8

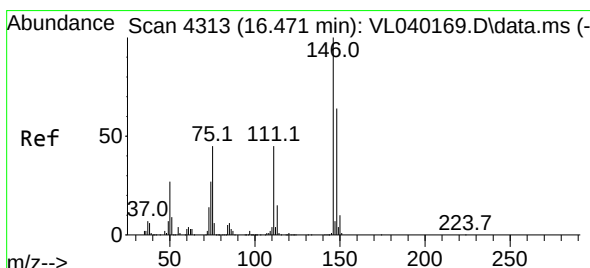
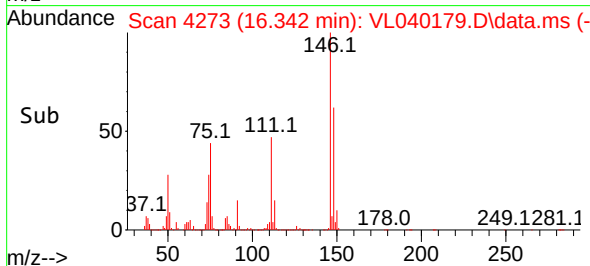
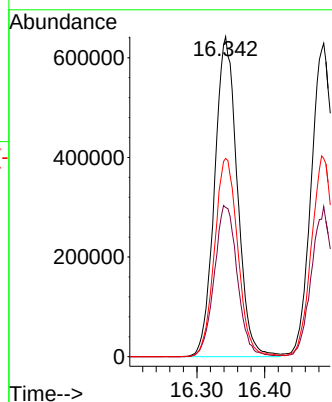
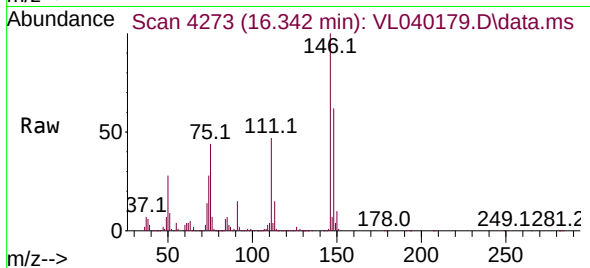
148 63.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#76

1,4-Dichlorobenzene

Concen: 9.802 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.016 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

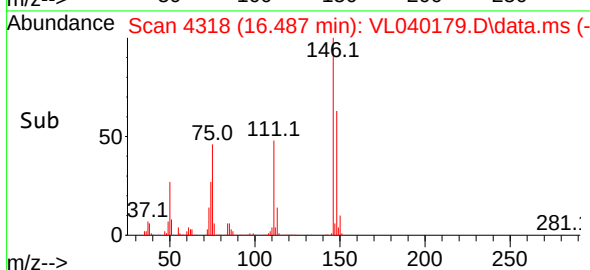
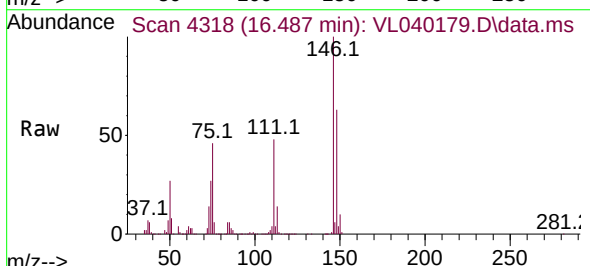
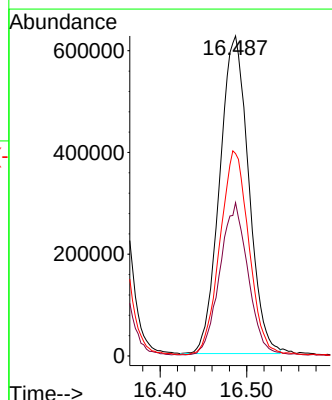
Tgt Ion:146 Resp: 1449825

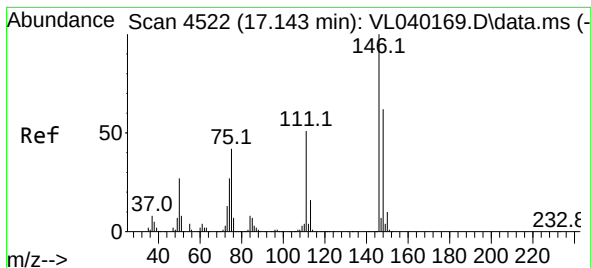
Ion Ratio Lower Upper

146 100

111 47.4 23.5 70.5

148 65.6 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 9.487 ppbv

RT: 17.156 min Scan# 4522

Delta R.T. 0.013 min

Lab File: VL040179.D

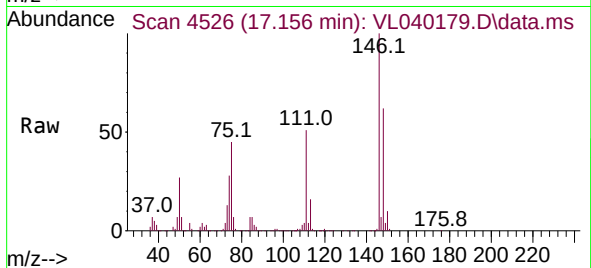
Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523



Tgt Ion:146 Resp: 1422498

Ion Ratio Lower Upper

146 100

111 49.9 25.3 75.8

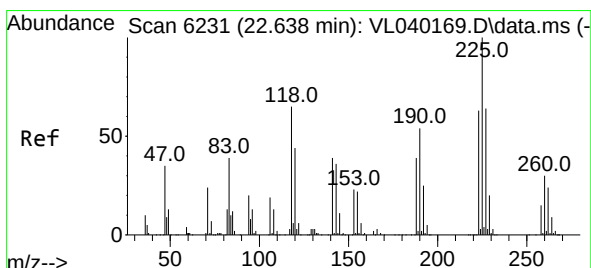
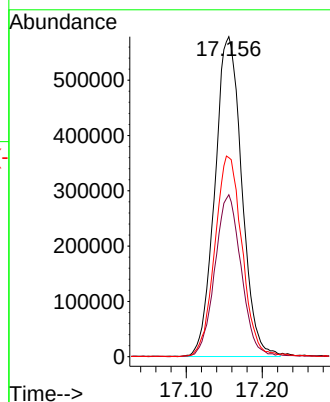
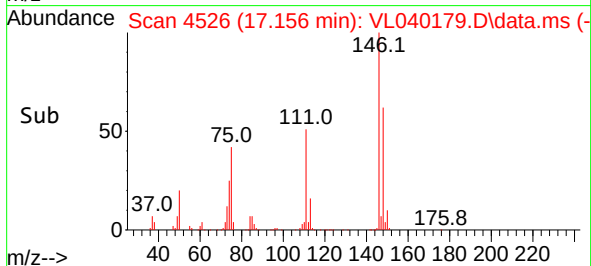
148 63.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.104 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.010 min

Lab File: VL040179.D

Acq: 15 Feb 2023 17:44

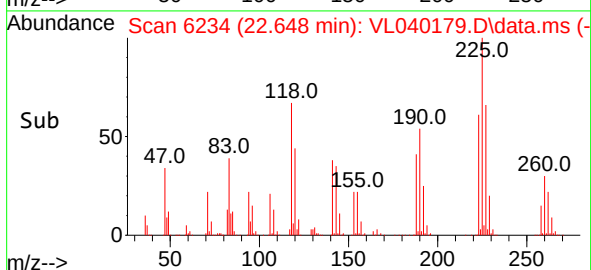
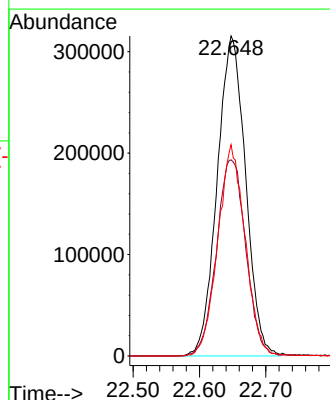
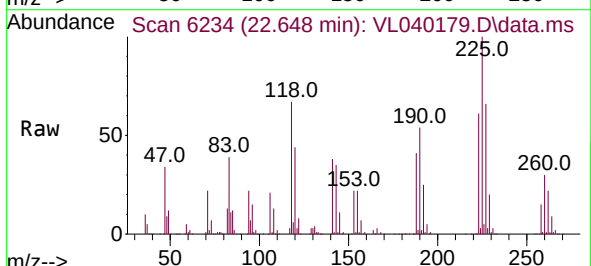
Tgt Ion:225 Resp: 937778

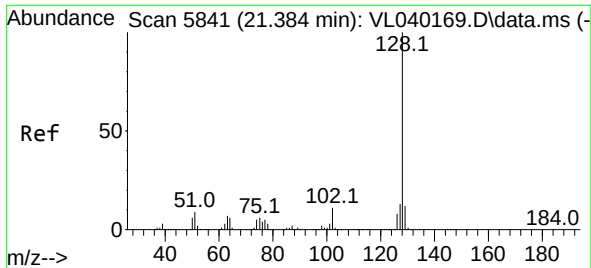
Ion Ratio Lower Upper

225 100

223 63.5 51.0 76.6

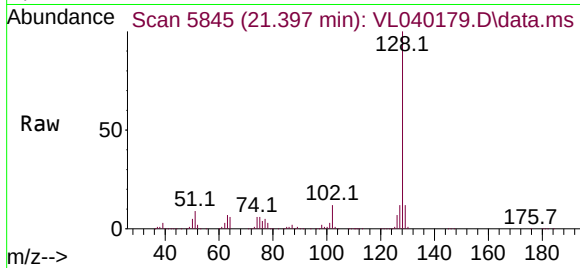
227 63.7 51.2 76.8





#79
Naphthalene
Concen: 12.203 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.013 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

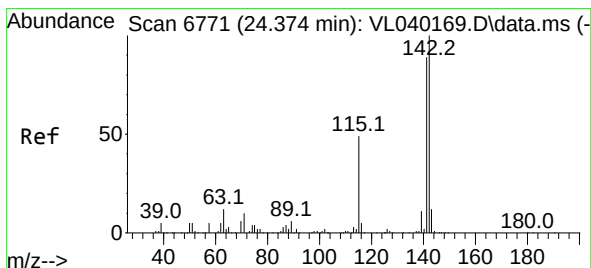
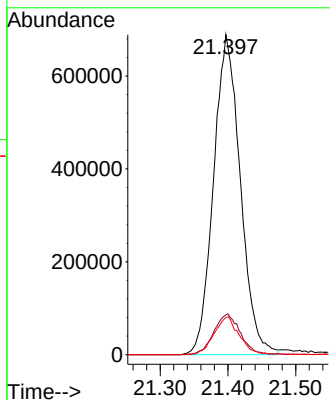
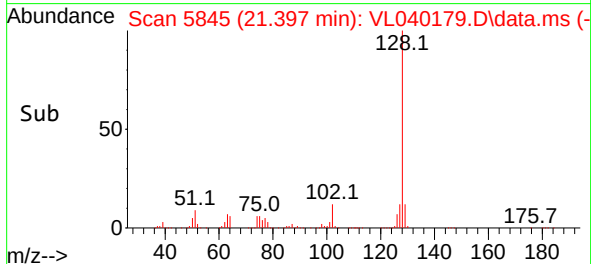
Instrument :
MSVOA_L
ClientSampleId :
ICVVL021523



Tgt Ion:128 Resp: 189087
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.6 9.4 14.0

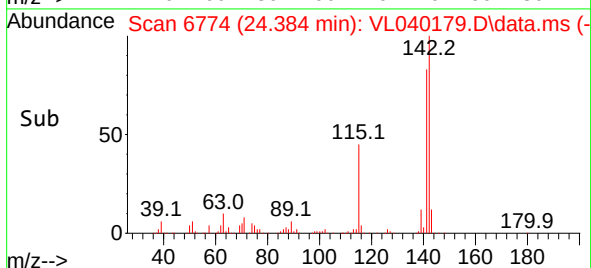
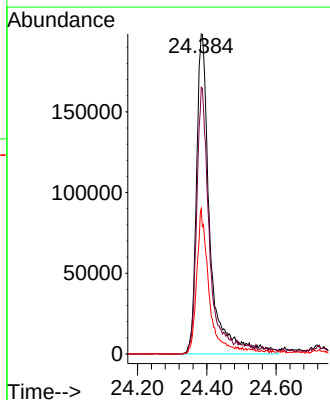
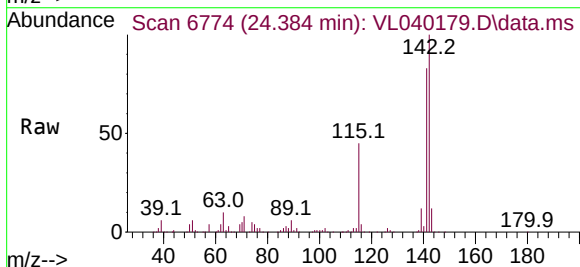
Manual Integrations
APPROVED

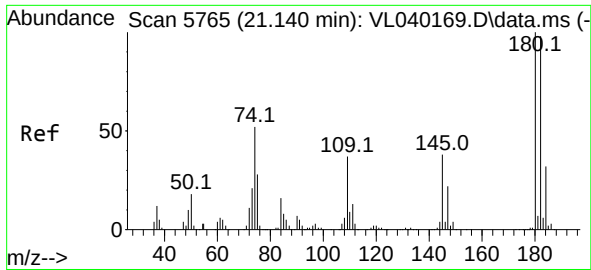
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
Naphthalene,2-methyl-
Concen: 12.279 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.010 min
Lab File: VL040179.D
Acq: 15 Feb 2023 17:44

Tgt Ion:142 Resp: 541067
Ion Ratio Lower Upper
142 100
141 80.7 67.3 100.9
115 41.8 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.248 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040179.D

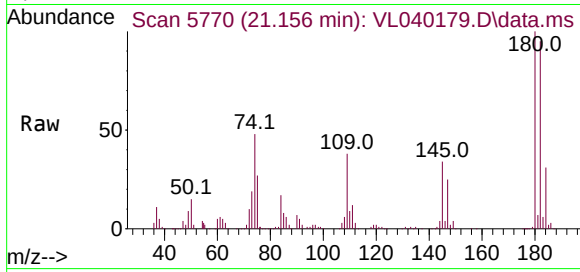
Acq: 15 Feb 2023 17:44

Instrument :

MSVOA_L

ClientSampleId :

ICVVL021523



Tgt Ion:180 Resp: 99372

Ion Ratio Lower Upper

180 100

182 98.9 79.0 118.6

184 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023

