

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040279.D
 Acq On : 15 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 12:10:24 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1093309	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2845395	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2913705	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2369997 9.892 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1411018	6.925	ppbv	97
3) Chlorodifluoromethane	2.665	51	1223207	9.366	ppbv	98
4) Chloromethane	2.803	50	776369	9.464	ppbv	95
5) Vinyl Chloride	2.912	62	657712	9.977	ppbv	98
6) Bromomethane	3.112	94	221292	9.300	ppbv	100
7) Chloroethane	3.189	64	249643	9.549	ppbv	100
8) Dichlorotetrafluoroethane	2.848	85	1660185	9.455	ppbv	99
9) Propene	2.684	41	464362	8.722	ppbv	97
10) Heptane	7.581	43	1270581	10.027	ppbv	100
11) Trichlorofluoromethane	3.555	101	1818439	9.946	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	1367034	10.135	ppbv	98
13) Ethanol	3.237	45	33053m	6.744	ppbv	
14) Bromoethene	3.359	108	536447	10.372	ppbv	99
15) Acetone	3.459	43	1183930	8.995	ppbv	99
16) 1,3-Butadiene	2.976	39	588609	9.792	ppbv	98
17) tert-Butyl alcohol	3.870	59	1295772	10.794	ppbv	100
18) 1,1-Dichloroethene	3.877	96	595372	10.159	ppbv	99
19) Isopropyl Alcohol	3.565	45	599848	9.587	ppbv	99
20) Methylene Chloride	3.928	84	492902	7.193	ppbv	96
21) Allyl Chloride	3.989	41	845692	10.475	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	623875	10.280	ppbv	91
23) Vinyl Acetate	4.623	43	365302	9.145	ppbv #	97
24) 1,1-Dichloroethane	4.558	63	1236212	9.900	ppbv	99
25) Ethyl Acetate	5.201	43	2254739	9.214	ppbv	99
26) Hexane	5.211	57	935060	8.902	ppbv	98
27) Carbon Disulfide	4.118	76	1493750	11.207	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	1106028	9.827	ppbv	99
29) Chloroform	5.272	83	1513814	8.393	ppbv	98
30) Cyclohexane	6.603	84	831751	10.084	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	944562	9.464	ppbv	95
32) 1,1,1-Trichloroethane	6.005	97	1729492	10.206	ppbv	99
34) 2-Butanone	4.780	43	1351657	9.630	ppbv	99
35) Carbon Tetrachloride	6.494	117	1834696	10.907	ppbv	98
36) Benzene	6.372	78	2089884	9.438	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1345224	9.713	ppbv	98
38) Trichloroethene	7.295	130	1295571	10.618	ppbv	98
39) 1,2-Dichloropropane	7.073	63	812914	9.437	ppbv	97
40) 1,4-Dioxane	7.291	88	341839	9.920	ppbv	92
41) Tetrahydrofuran	5.555	42	794985	9.774	ppbv	99
42) Bromodichloromethane	7.253	83	1921781	10.054	ppbv	98
43) Methyl Methacrylate	7.478	69	850988	10.386	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3500455	9.470	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	824460	11.344	ppbv	99

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

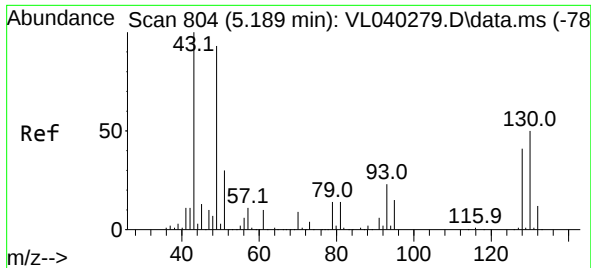
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1103096	10.894	ppbv	99
47) 1,1,2-Trichloroethane	8.906	97	882650	9.474	ppbv	97
48) Dibromochloromethane	9.716	129	1559559	10.465	ppbv	100
49) Bromoform	12.417	173	1218893	10.479	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2190574	10.051	ppbv	100
51) 2-Hexanone	9.555	43	1743496	10.402	ppbv #	98
52) Tetrachloroethene	10.622	164	712761	10.308	ppbv	99
53) Toluene	9.227	91	2404680	10.139	ppbv	99
54) 1,2-Dibromoethane	10.015	107	990650	10.219	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.516	131	1106467	9.047	ppbv	98
57) Chlorobenzene	11.536	112	1864942	8.761	ppbv	99
58) Ethyl Benzene	12.098	91	3278753	9.262	ppbv	97
59) m/p-Xylene	12.381	91	5773802m	18.414	ppbv	
60) o-Xylene	13.069	91	2784000	9.227	ppbv	100
61) Styrene	12.909	104	1572628	9.928	ppbv	99
62) Isopropylbenzene	14.040	105	3862865	8.920	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.056	83	866119	7.966	ppbv	99
64) n-propylbenzene	14.928	120	966144	9.014	ppbv	96
65) tert-Butylbenzene	16.101	119	3318819	8.816	ppbv	99
66) Benzyl Chloride	16.343	91	224127	8.947	ppbv	97
67) sec-Butylbenzene	16.645	105	4699214	8.704	ppbv	100
69) p-Isopropyltoluene	17.008	119	3771973	8.813	ppbv	99
70) n-Butylbenzene	17.899	91	4082863	8.789	ppbv	100
71) 2-Chlorotoluene	14.812	91	2983415	9.007	ppbv	99
72) 4-Ethyltoluene	15.204	105	3103235	9.304	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2750301	8.862	ppbv	96
74) 1,2,4-Trimethylbenzene	16.121	105	3009248	8.828	ppbv	96
75) 1,3-Dichlorobenzene	16.343	146	1612725	8.645	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1579023	8.638	ppbv	100
77) 1,2-Dichlorobenzene	17.156	146	1517944	8.191	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	1088691	8.552	ppbv	100
79) Naphthalene	21.397	128	2322022	12.125	ppbv	98
80) Naphthalene,2-methyl-	24.387	142	661400	12.145	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	1222849	10.204	ppbv	97

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



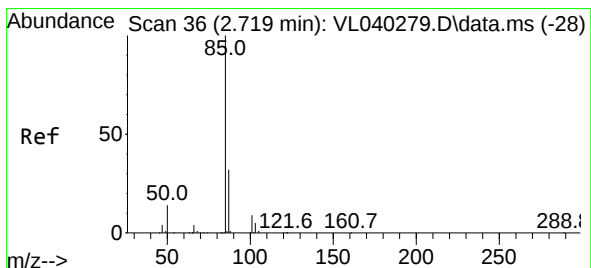
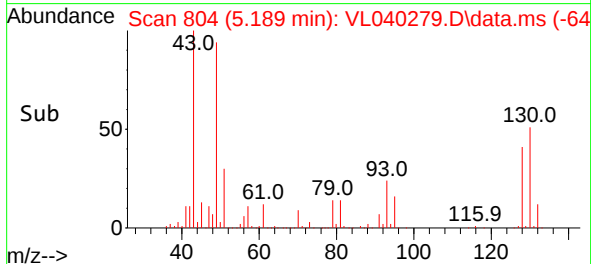
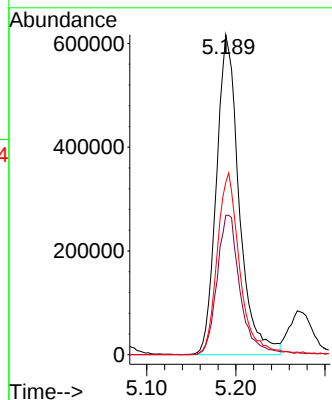
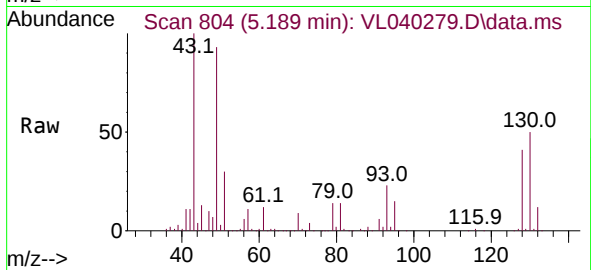
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 49 Resp: 1093309
Ion Ratio Lower Upper
49 100
128 44.9 24.1 72.3
130 57.4 30.9 92.8

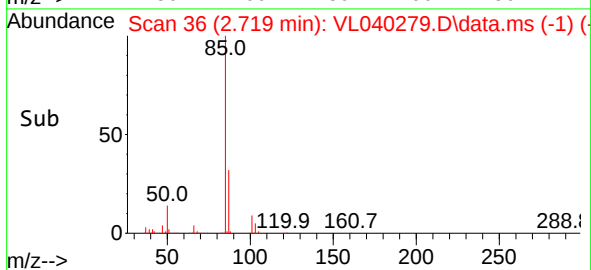
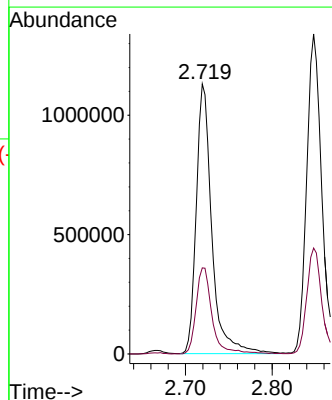
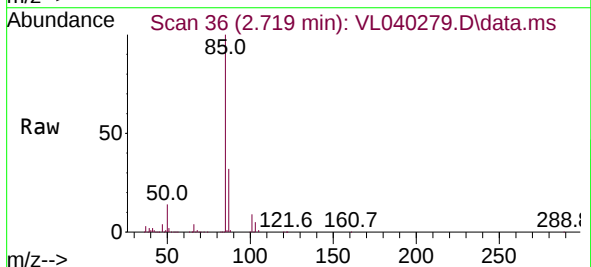
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 6.925 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

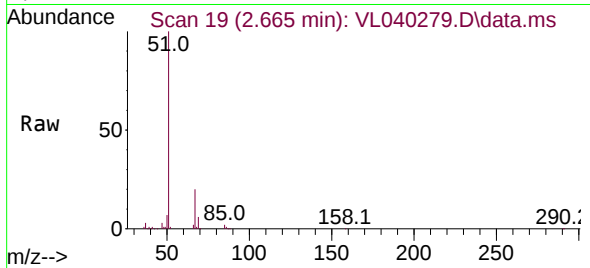
Tgt Ion: 85 Resp: 1411018
Ion Ratio Lower Upper
85 100
87 31.9 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.366 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

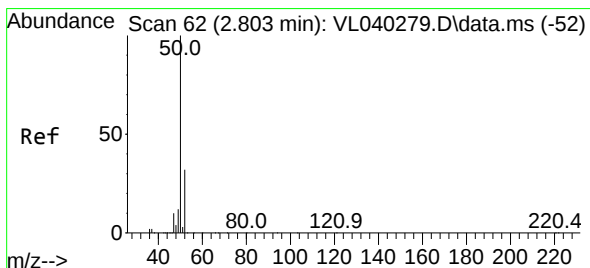
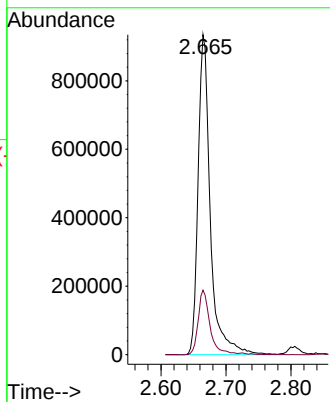
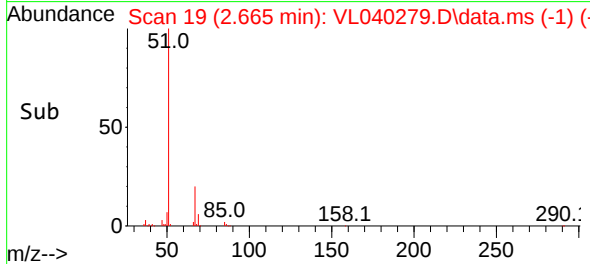
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MSVOA_L
ClientSampleId :
VSTDICCC010



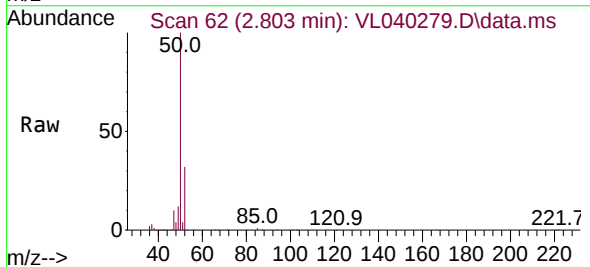
Tgt Ion: 51 Resp: 122320
Ion Ratio Lower Upper
51 100
67 20.0 15.4 23.2

Manual Integrations
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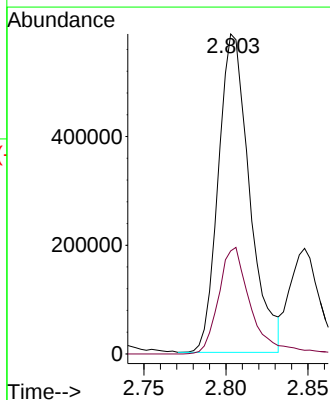
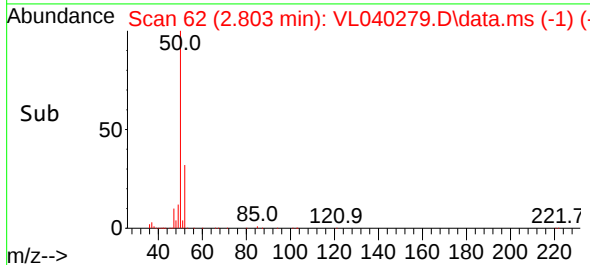
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

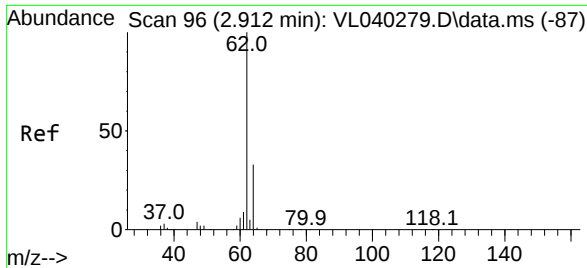


#4
Chloromethane
Concen: 9.464 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



Tgt Ion: 50 Resp: 776369
Ion Ratio Lower Upper
50 100
52 32.4 28.3 42.5





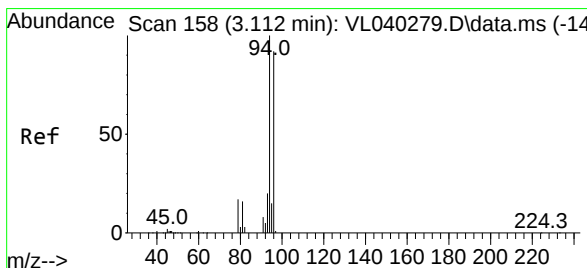
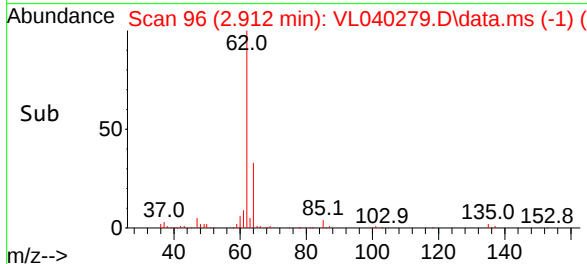
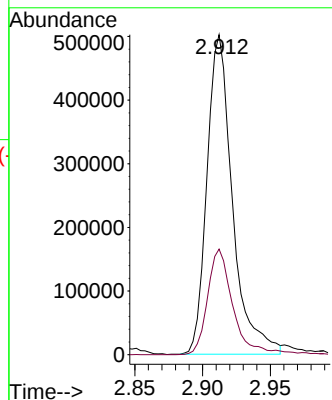
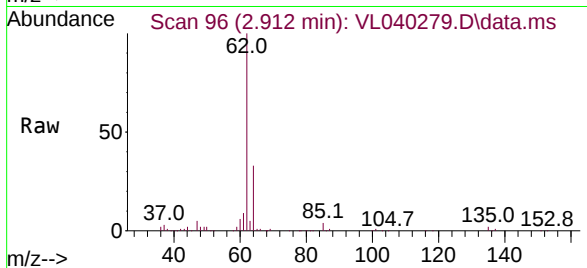
#5
 Vinyl Chloride
 Concen: 9.977 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 657712
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.6 38.4

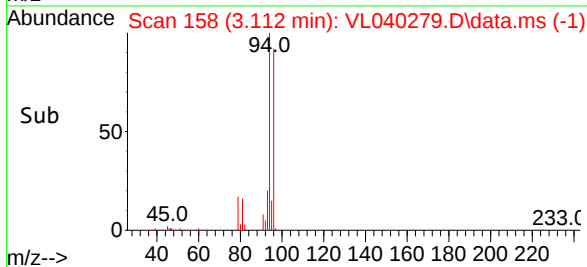
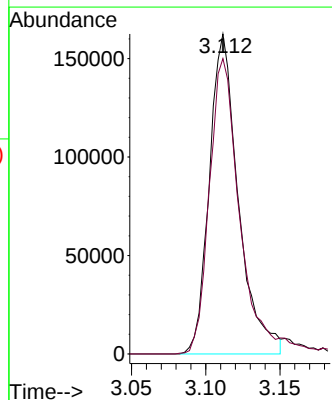
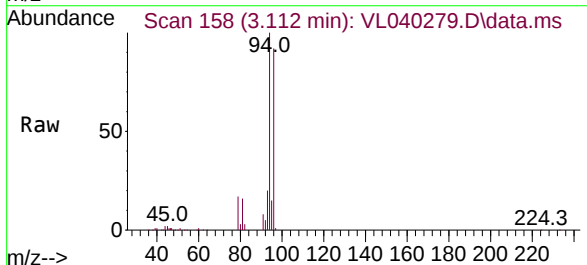
Manual Integrations
 APPROVED

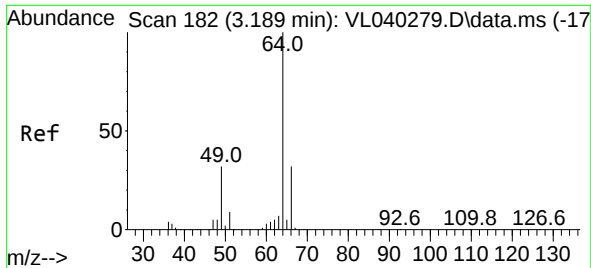
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#6
 Bromomethane
 Concen: 9.300 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

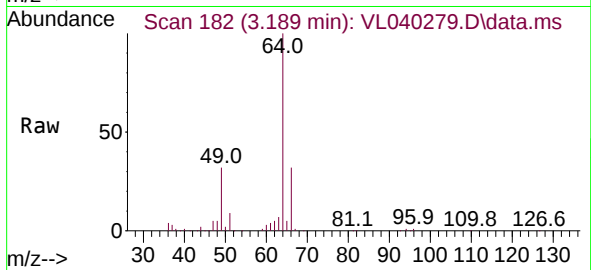
Tgt Ion: 94 Resp: 221292
 Ion Ratio Lower Upper
 94 100
 96 92.1 73.4 110.2





#7
Chloroethane
Concen: 9.549 ppbv
RT: 3.189 min Scan# 182
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

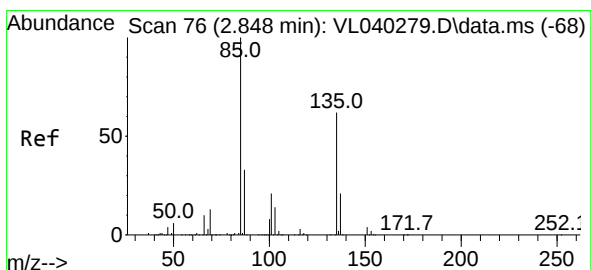
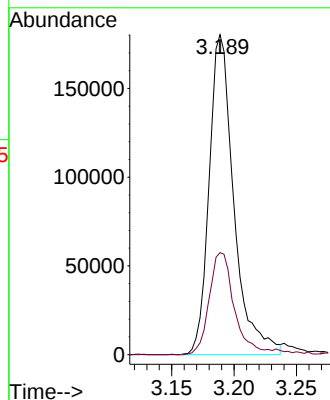
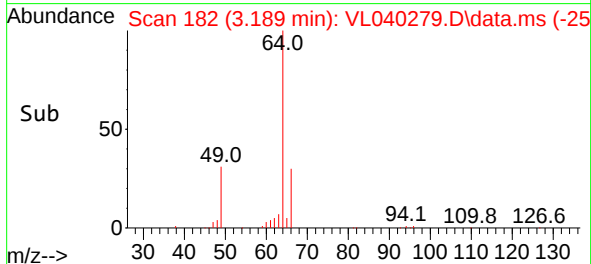
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion: 64 Resp: 24964
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

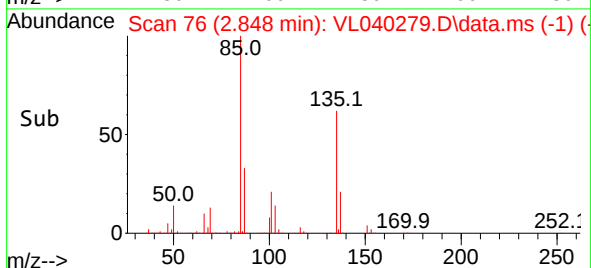
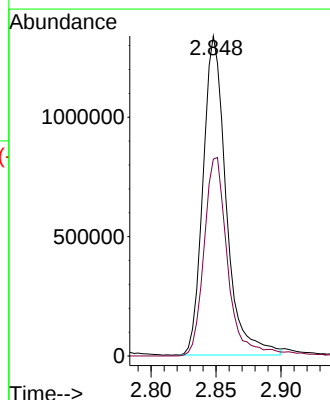
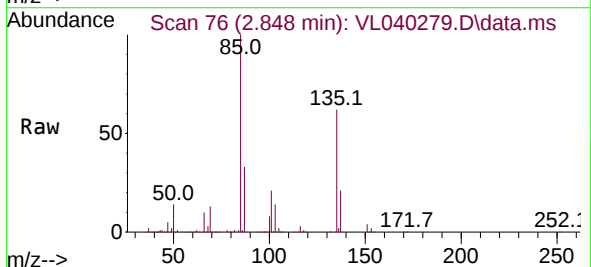
Manual Integrations
APPROVED

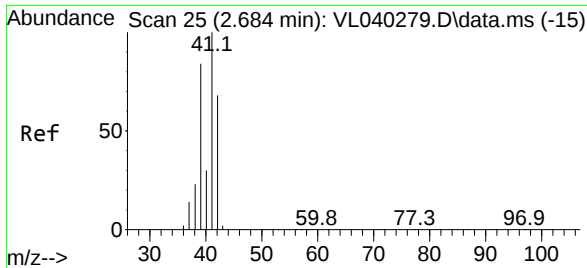
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Dichlorotetrafluoroethane
Concen: 9.455 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

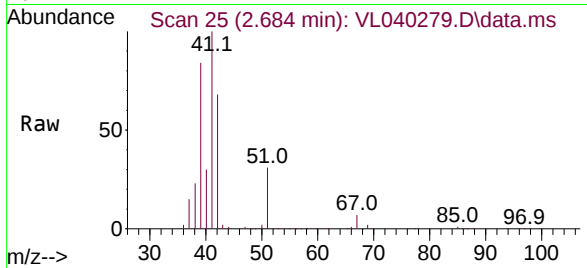
Tgt Ion: 85 Resp: 1660185
Ion Ratio Lower Upper
85 100
135 65.0 51.5 77.3





#9
 Propene
 Concen: 8.722 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

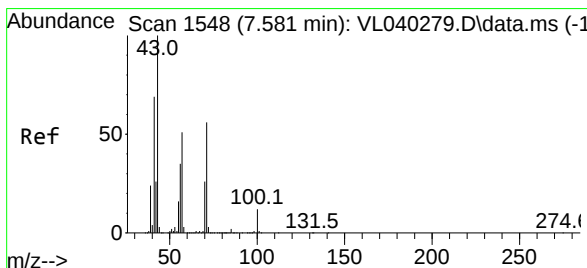
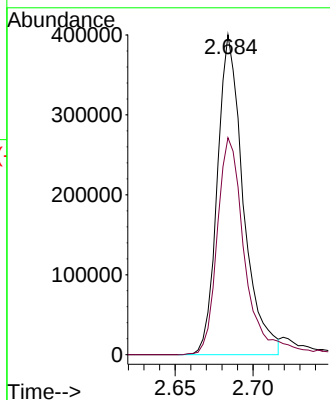
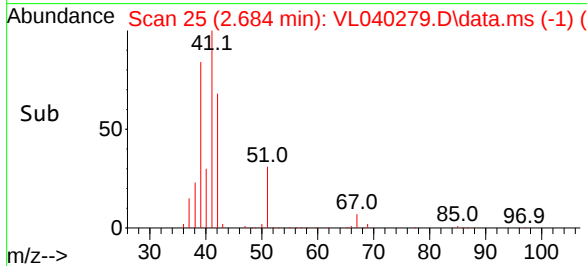
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



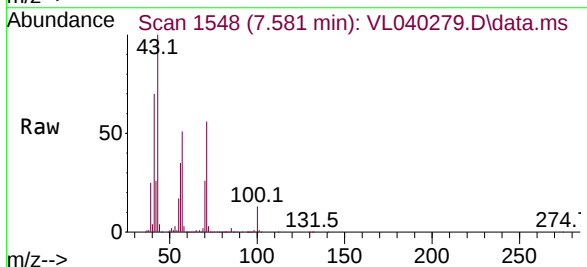
Tgt Ion: 41 Resp: 464362
 Ion Ratio Lower Upper
 41 100
 42 73.7 56.9 85.3

Manual Integrations
 APPROVED

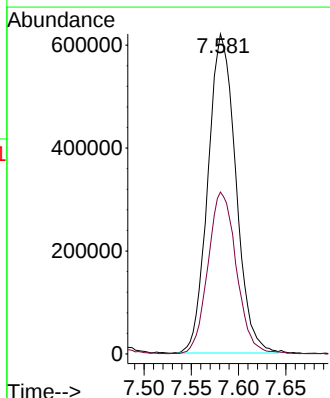
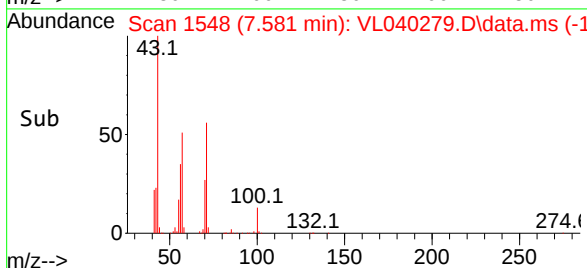
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 Supervised By :Mahesh Dadoda 03/16/2023

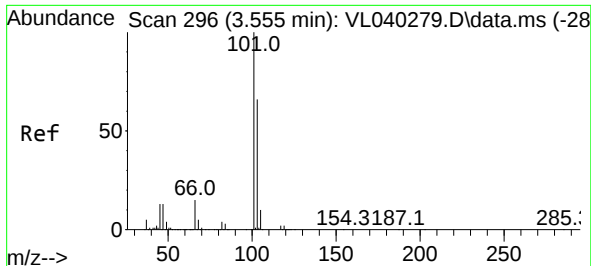


#10
 Heptane
 Concen: 10.027 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35



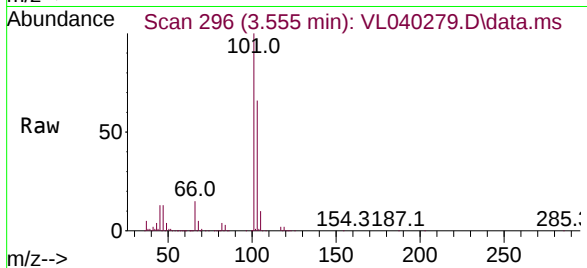
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 Ion Ratio Lower Upper
 43 100
 57 52.1 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.946 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

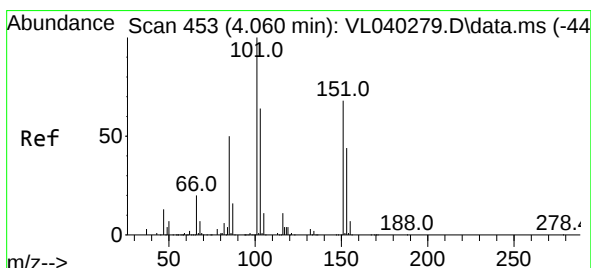
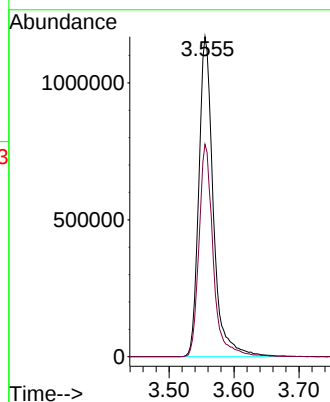
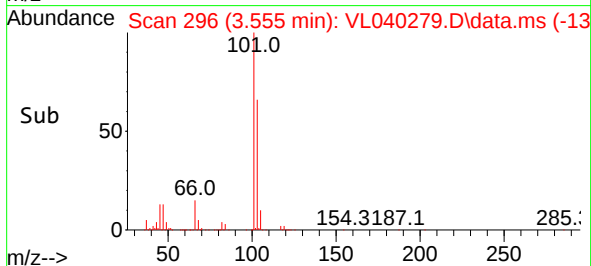
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



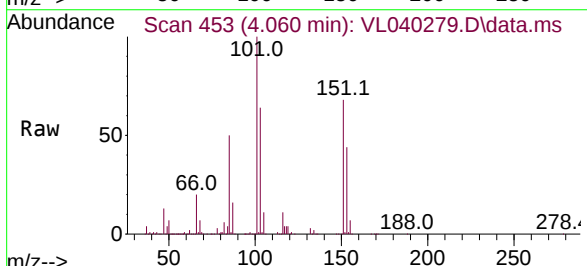
Tgt Ion:101 Resp: 1818439
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.0 76.6

Manual Integrations
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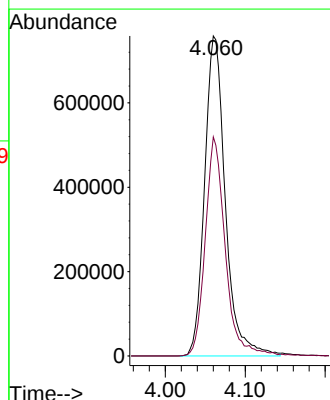
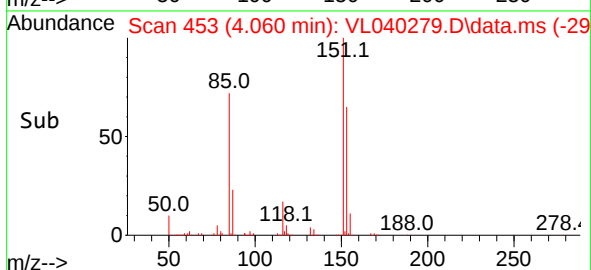
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

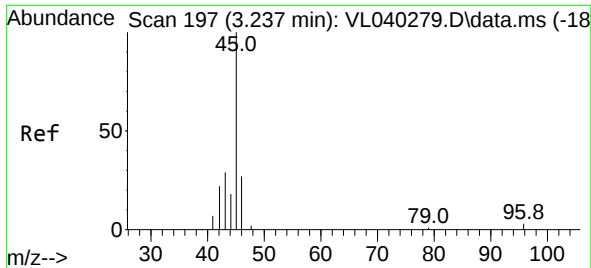


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.135 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35



Tgt Ion:101 Resp: 1367034
 Ion Ratio Lower Upper
 101 100
 151 66.5 54.7 82.1





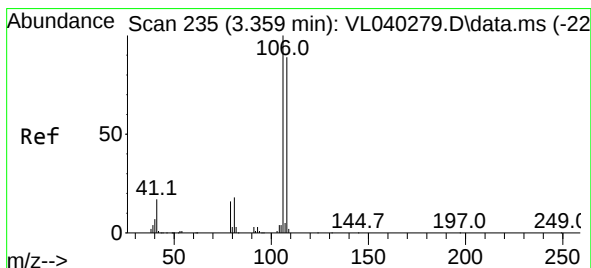
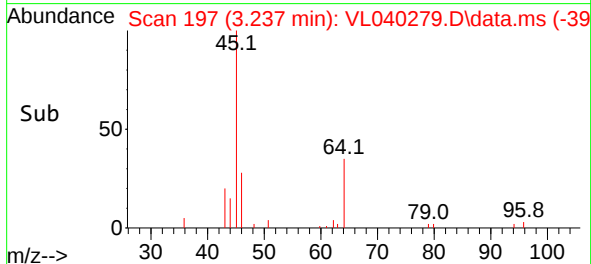
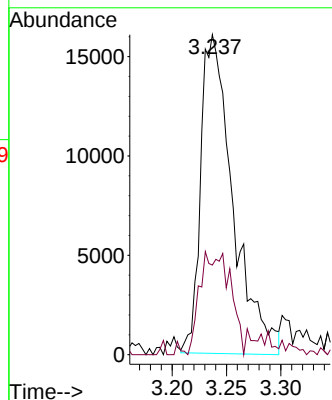
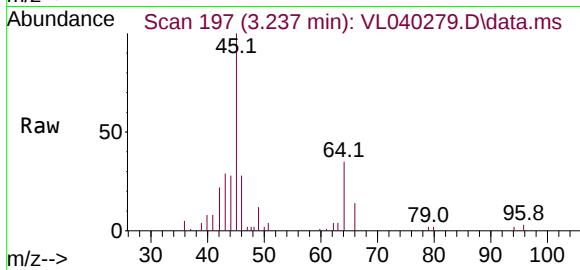
#13
Ethanol
Concen: 6.744 ppbv m
RT: 3.237 min Scan# 197
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 3305
Ion Ratio Lower Upper
45 100
46 37.6 13.3 53.1

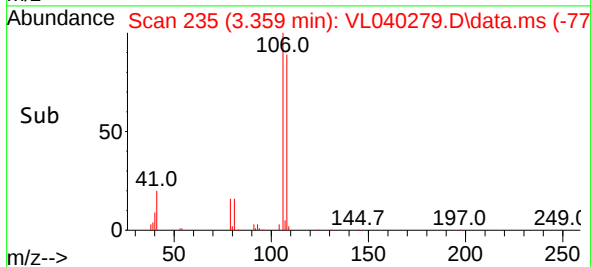
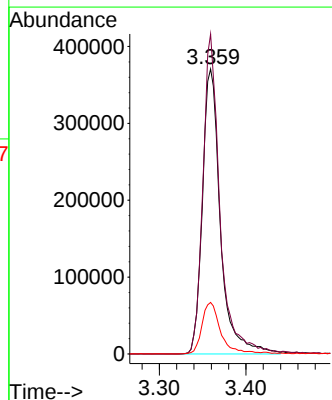
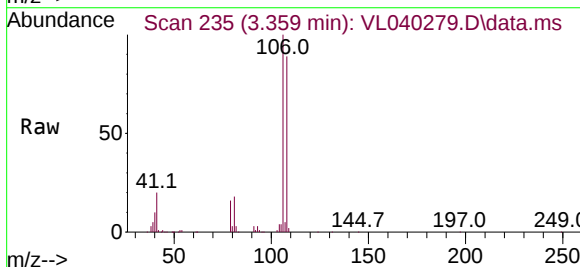
Manual Integrations
APPROVED

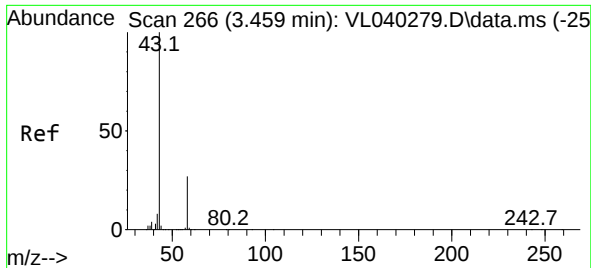
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Bromoethene
Concen: 10.372 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

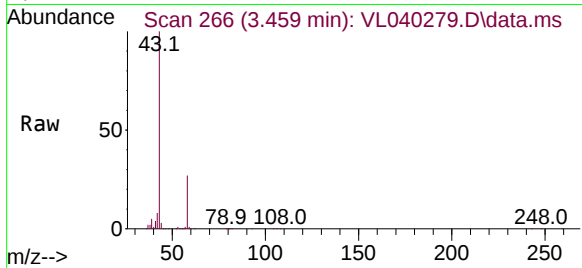
Tgt Ion:108 Resp: 536447
Ion Ratio Lower Upper
108 100
106 107.3 87.1 130.7
79 19.7 15.4 23.2





#15
Acetone
Concen: 8.995 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

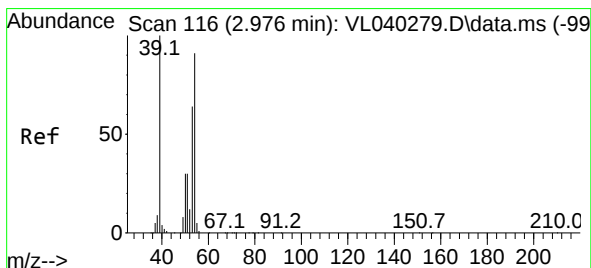
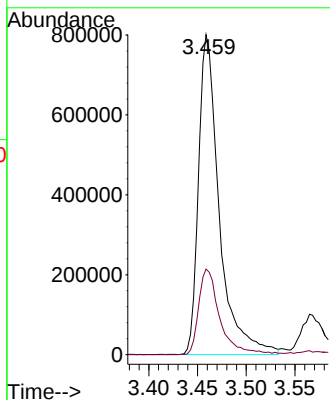
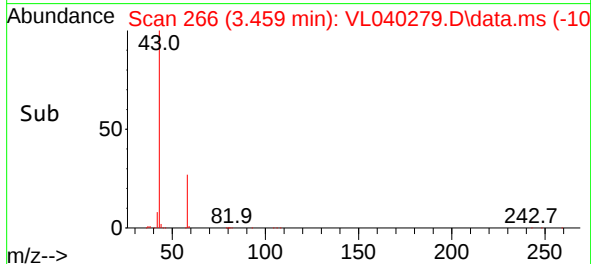
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



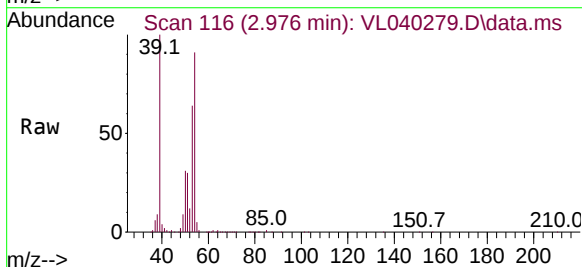
Tgt Ion: 43 Resp: 1183930
Ion Ratio Lower Upper
43 100
58 27.3 22.4 33.6

Manual Integrations
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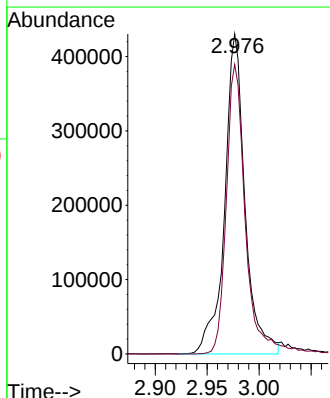
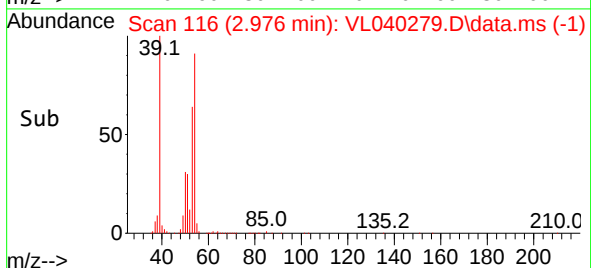
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

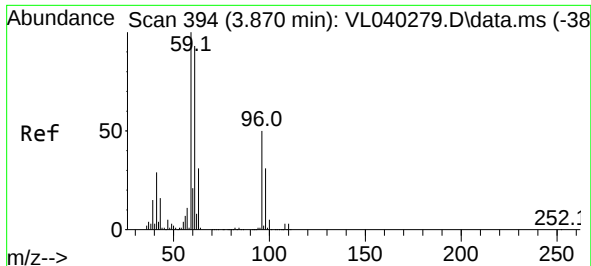


#16
1,3-Butadiene
Concen: 9.792 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



Tgt Ion: 39 Resp: 588609
Ion Ratio Lower Upper
39 100
54 85.5 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.794 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 1295772

Ion Ratio Lower Upper

59 100

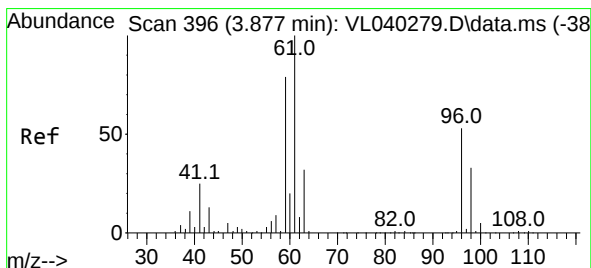
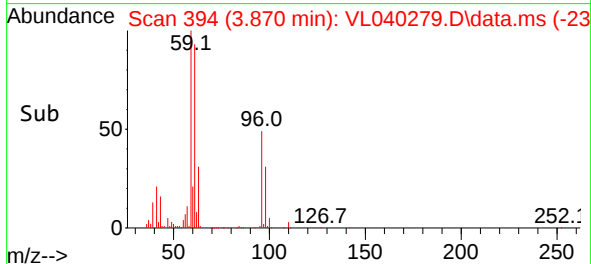
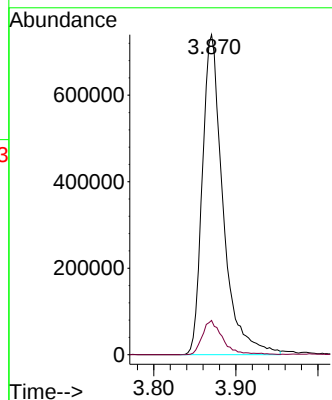
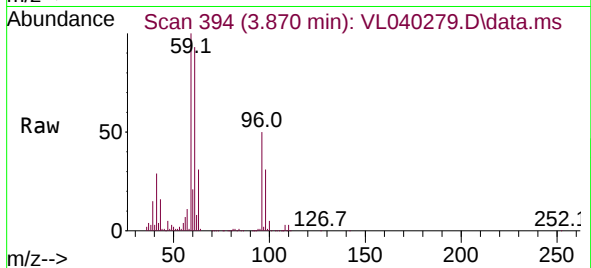
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#18

1,1-Dichloroethene

Concen: 10.159 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

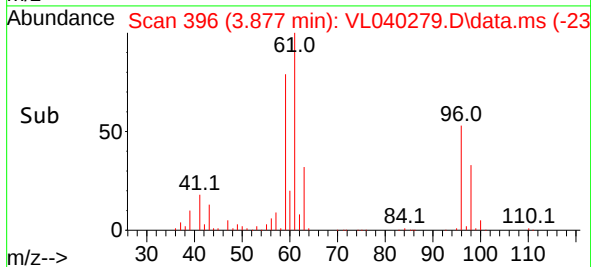
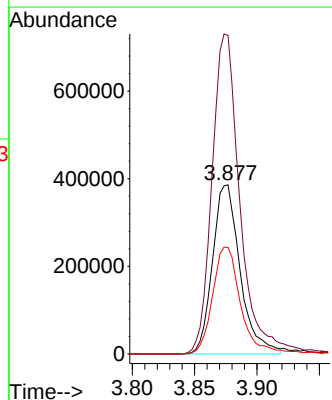
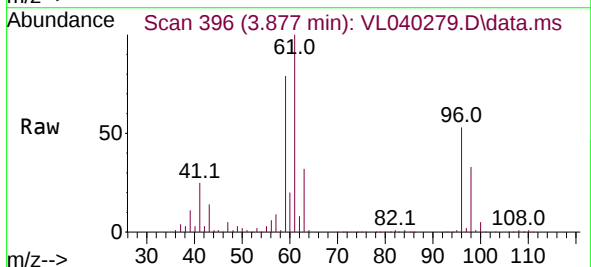
Tgt Ion: 96 Resp: 595372

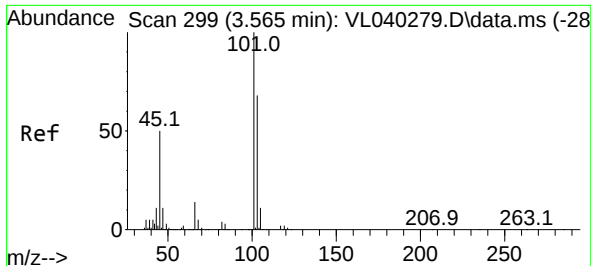
Ion Ratio Lower Upper

96 100

61 188.3 149.6 224.4

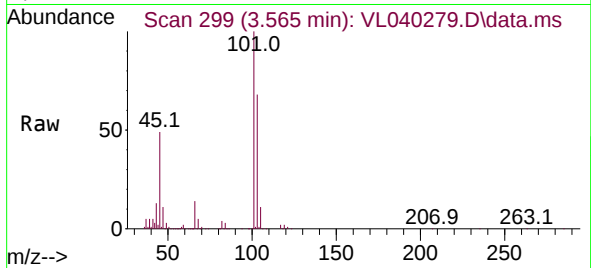
98 62.9 51.1 76.7





#19
Isopropyl Alcohol
Concen: 9.587 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

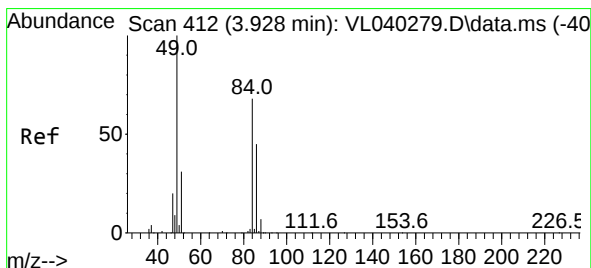
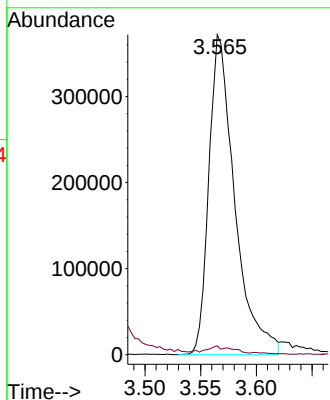
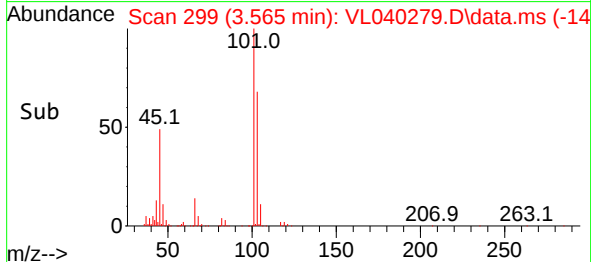
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



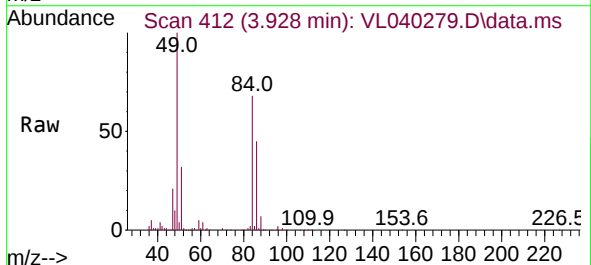
Tgt Ion: 45 Resp: 599848
Ion Ratio Lower Upper
45 100
58 3.4 2.6 3.8

Manual Integrations
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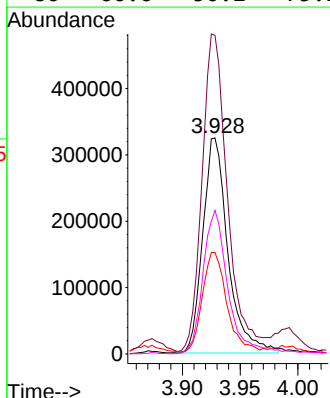
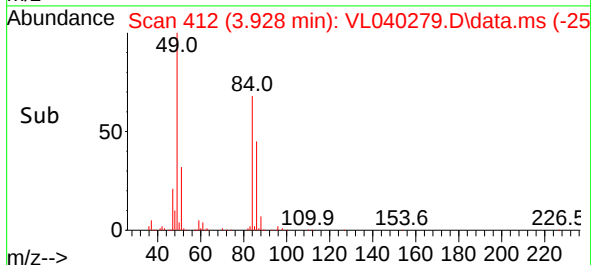
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

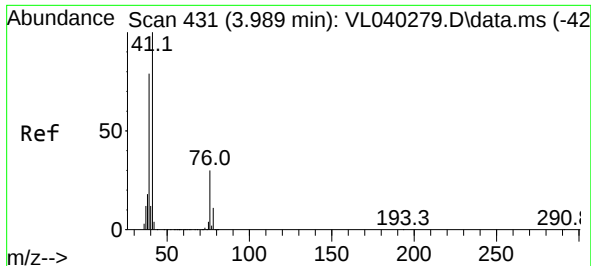


#20
Methylene Chloride
Concen: 7.193 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



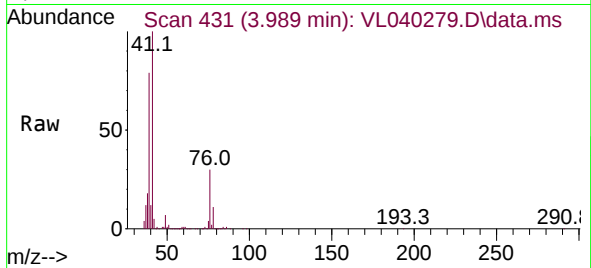
Tgt Ion: 84 Resp: 492902
Ion Ratio Lower Upper
84 100
49 146.9 115.5 173.3
51 46.1 33.1 49.7
86 66.6 50.2 75.2





#21
 Allyl Chloride
 Concen: 10.475 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

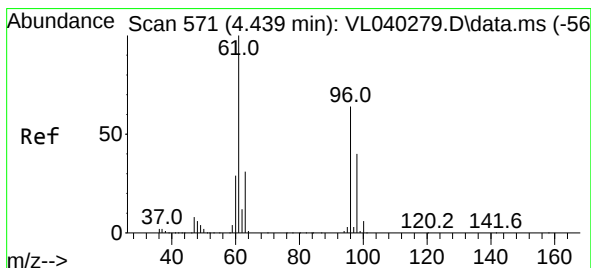
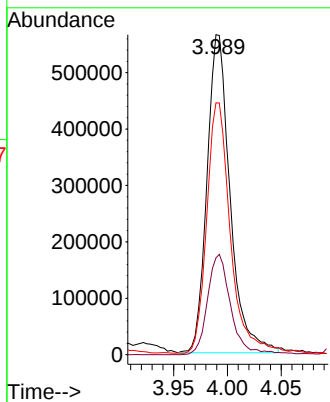
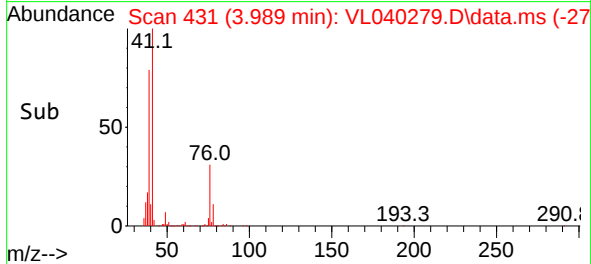
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



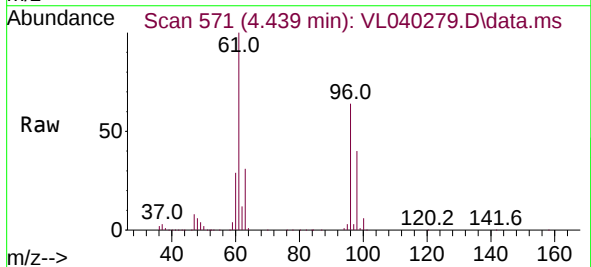
Tgt Ion: 41 Resp: 845692
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.5 38.3
 39 81.8 64.5 96.7

Manual Integrations
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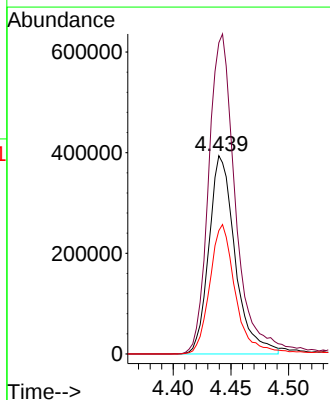
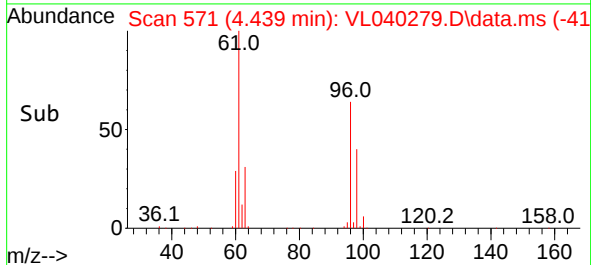
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

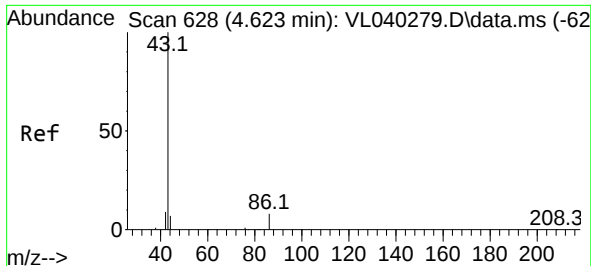


#22
 trans-1,2-Dichloroethene
 Concen: 10.280 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35



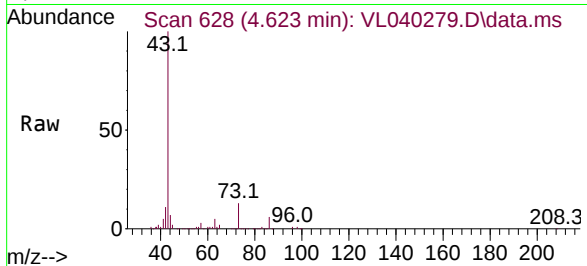
Tgt Ion: 96 Resp: 623875
 Ion Ratio Lower Upper
 96 100
 61 156.8 137.5 206.3
 98 62.2 52.8 79.2





#23
 Vinyl Acetate
 Concen: 9.145 ppbv
 RT: 4.623 min Scan# 612
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

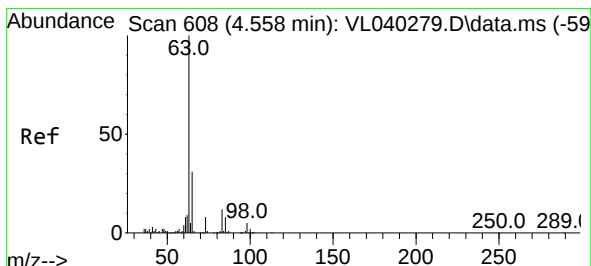
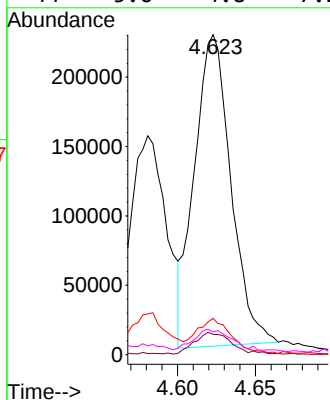
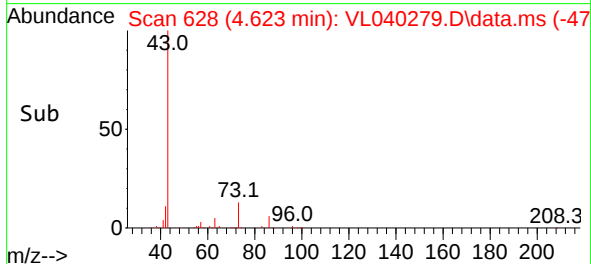
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



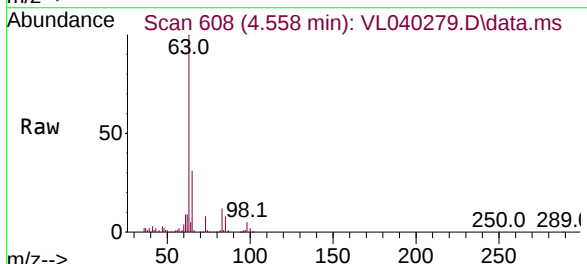
Tgt Ion: 43 Resp: 365302
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.6 8.4
 42 11.4 7.6 11.4
 44 5.6 4.8 7.2

Manual Integrations
 APPROVED

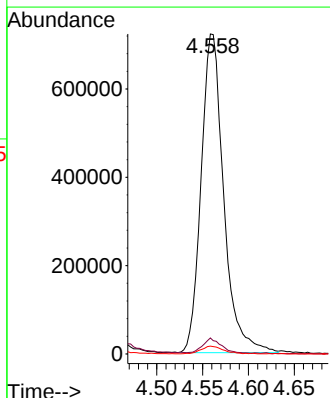
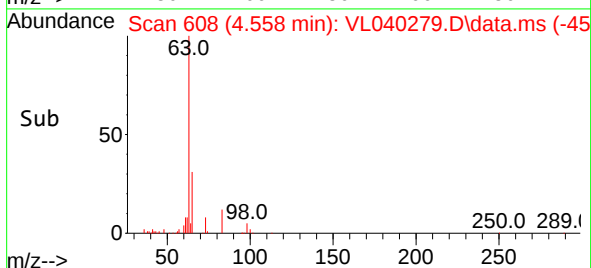
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

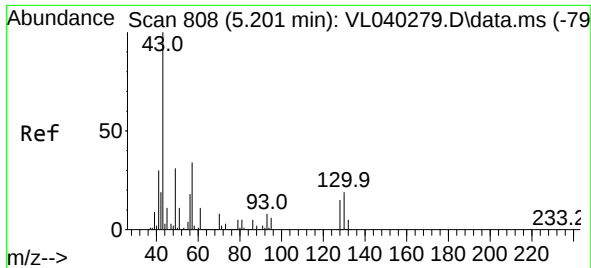


#24
 1,1-Dichloroethane
 Concen: 9.900 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35



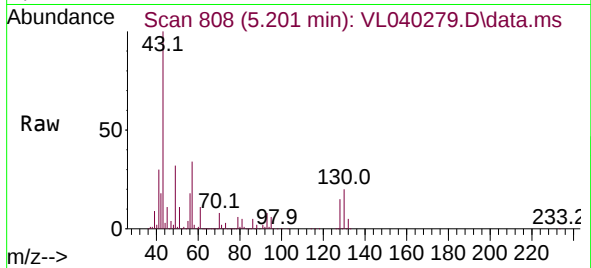
Tgt Ion: 63 Resp: 1236212
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.3 6.8
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 9.214 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

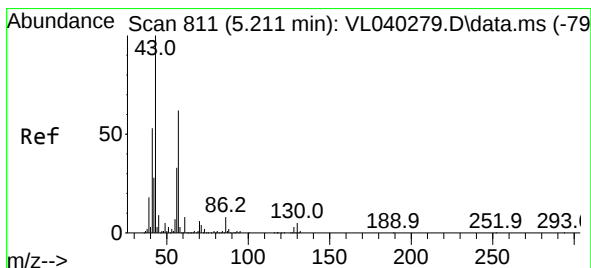
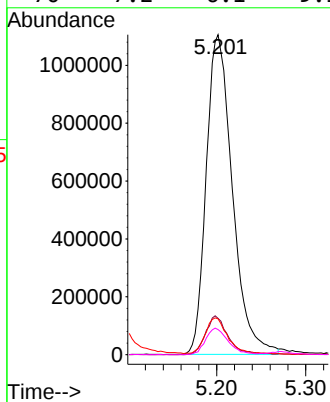
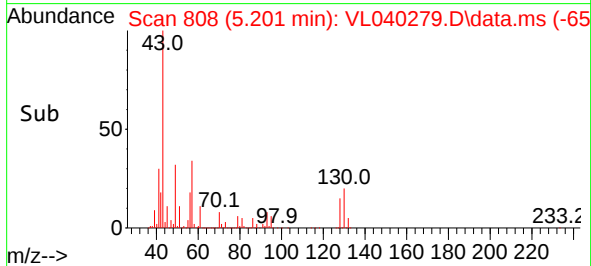
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



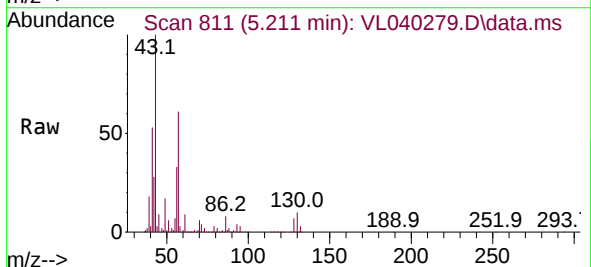
Tgt Ion: 43 Resp: 2254739
Ion Ratio Lower Upper
43 100
45 10.7 8.3 12.5
61 10.5 8.4 12.6
70 7.2 6.1 9.1

Manual Integrations
APPROVED

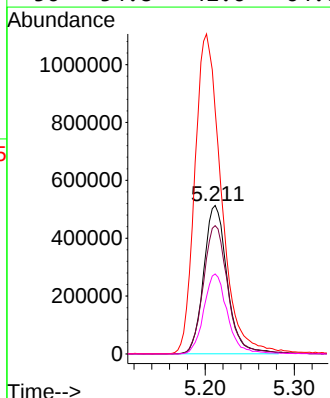
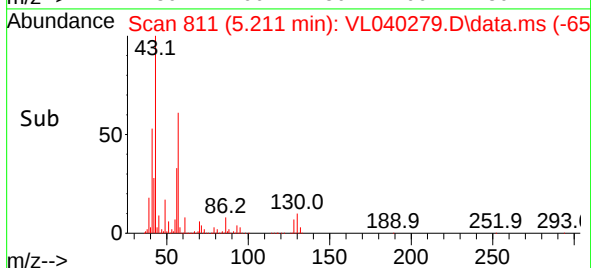
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

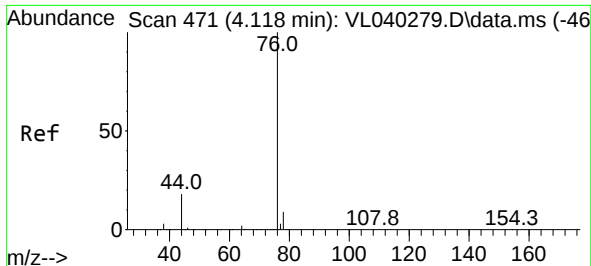


#26
Hexane
Concen: 8.902 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



Tgt Ion: 57 Resp: 935060
Ion Ratio Lower Upper
57 100
41 91.9 74.3 111.5
43 245.4 193.0 289.4
56 54.8 42.6 64.0





#27

Carbon Disulfide

Concen: 11.207 ppbv

RT: 4.118 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 1493750

Ion Ratio Lower Upper

76 100

44 19.0 15.3 22.9

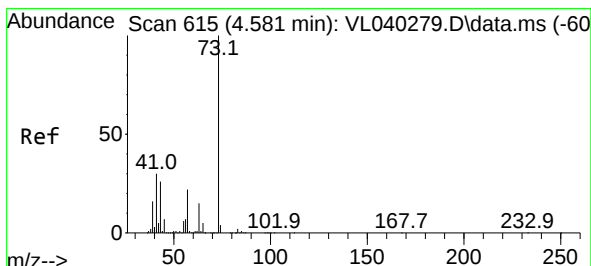
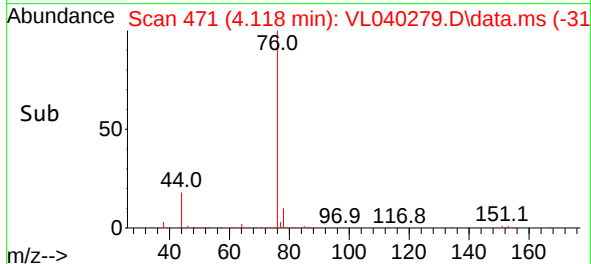
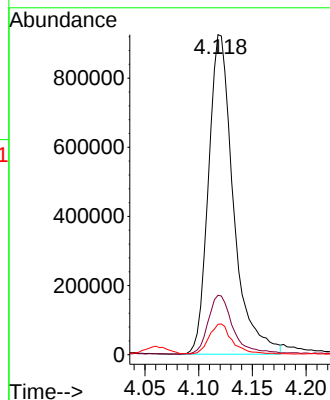
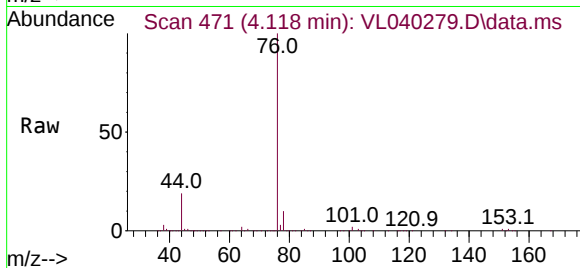
78 9.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#28

Methyl tert-Butyl Ether

Concen: 9.827 ppbv

RT: 4.581 min Scan# 615

Delta R.T. 0.003 min

Lab File: VL040279.D

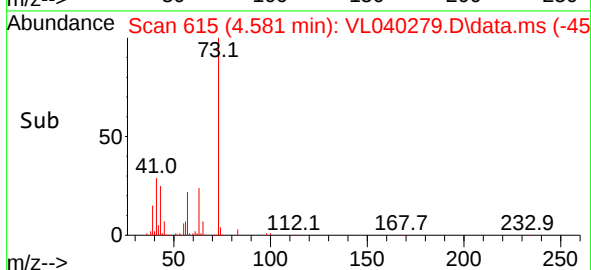
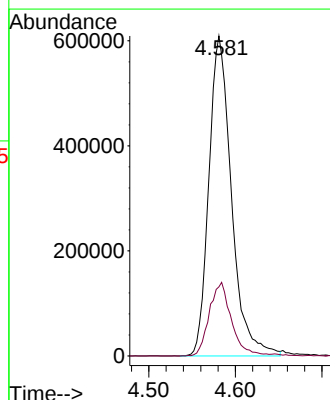
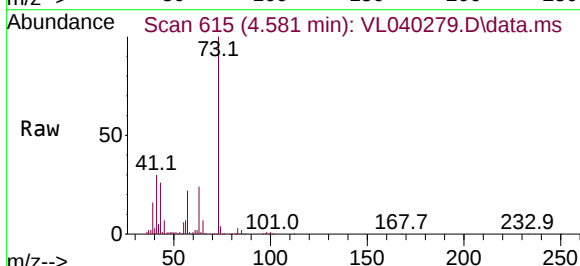
Acq: 15 Mar 2023 11:35

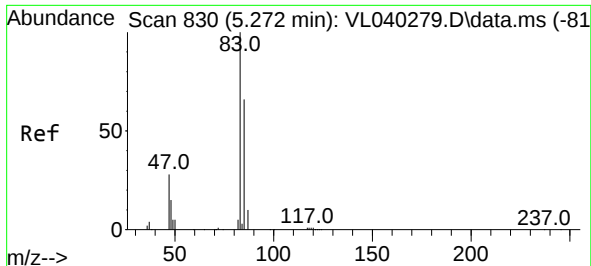
Tgt Ion: 73 Resp: 1106028

Ion Ratio Lower Upper

73 100

57 23.0 18.8 28.2





#29

Chloroform

Concen: 8.393 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1513814

Ion Ratio Lower Upper

83 100

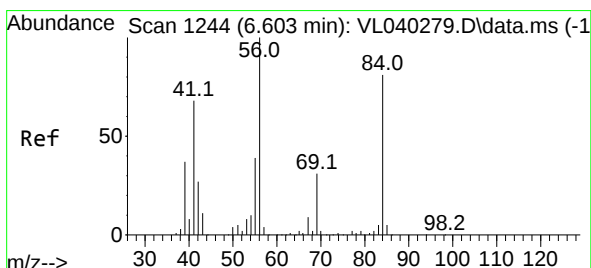
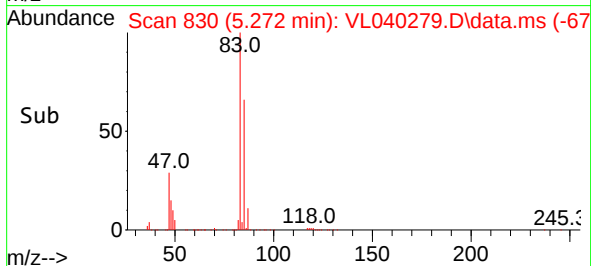
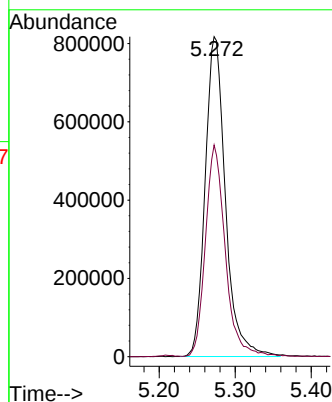
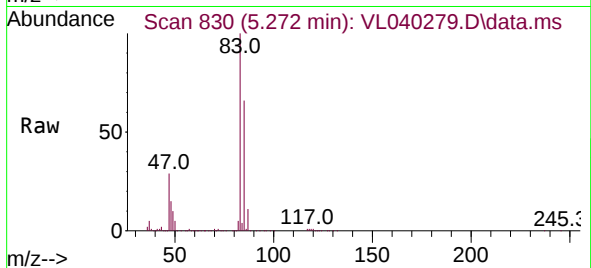
85 66.0 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#30

Cyclohexane

Concen: 10.084 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

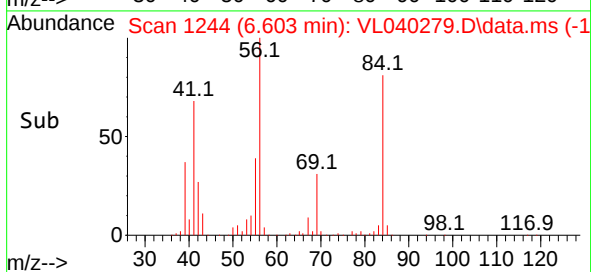
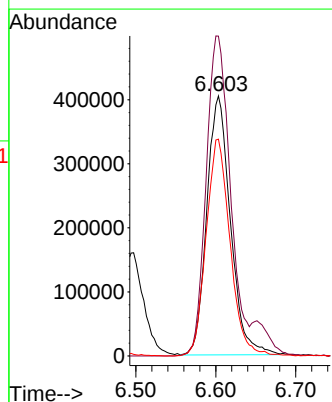
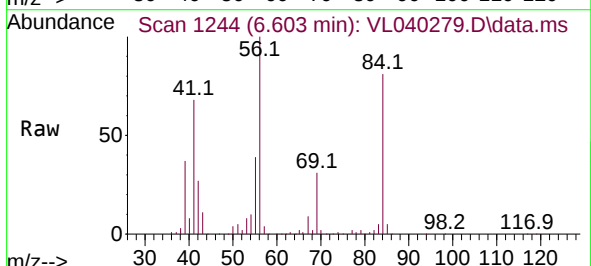
Tgt Ion: 84 Resp: 831751

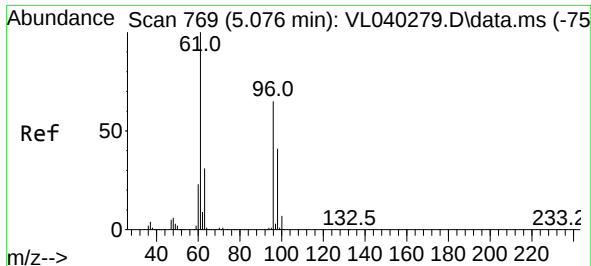
Ion Ratio Lower Upper

84 100

56 136.2 109.9 164.9

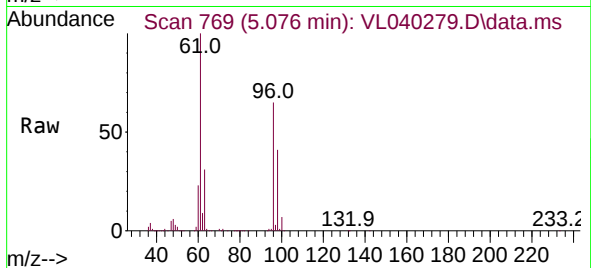
41 84.9 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.464 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

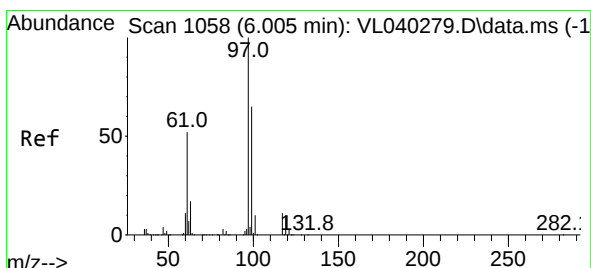
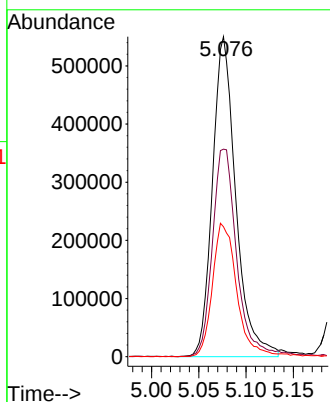
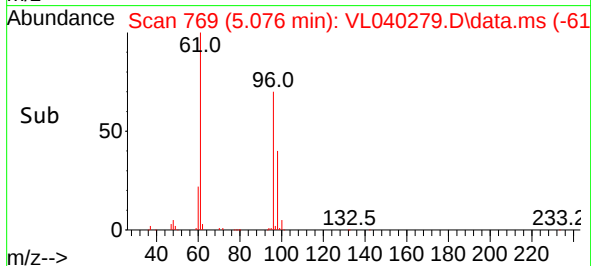
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



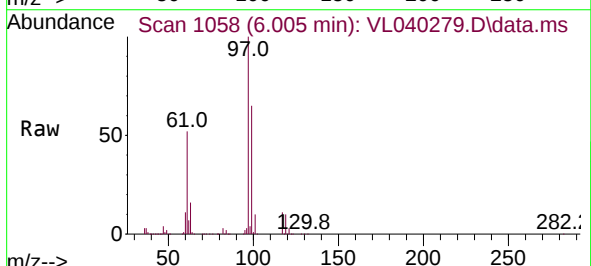
Tgt Ion: 61 Resp: 944562
 Ion Ratio Lower Upper
 61 100
 96 64.8 53.7 80.5
 98 40.6 36.4 54.6

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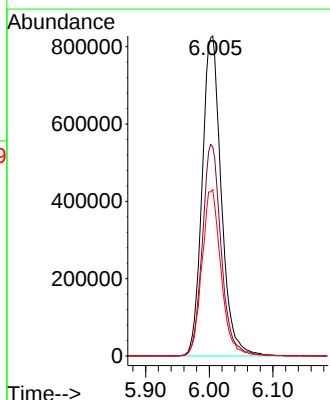
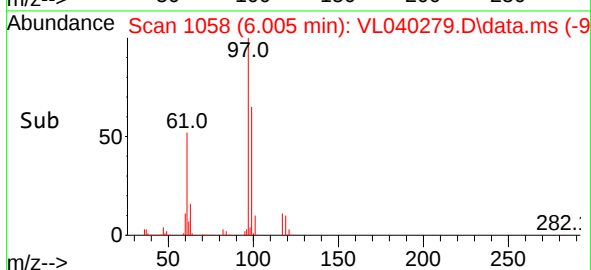
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

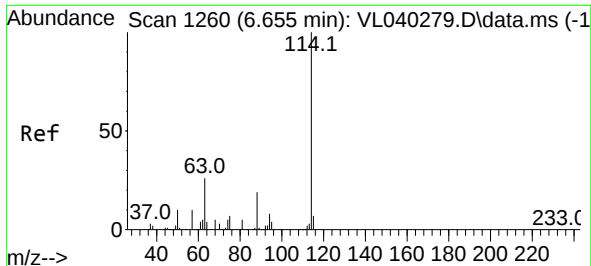


#32
 1,1,1-Trichloroethane
 Concen: 10.206 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35



Tgt Ion: 97 Resp: 1729492
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.5 77.3
 61 51.8 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 284539

Ion Ratio Lower Upper

114 100

63 26.5 20.4 30.6

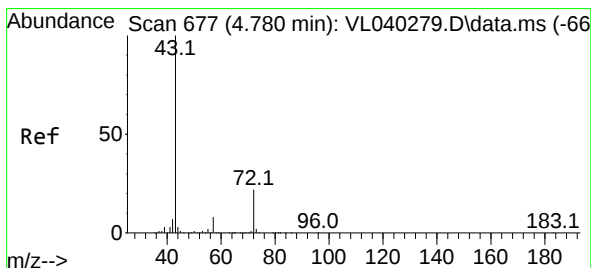
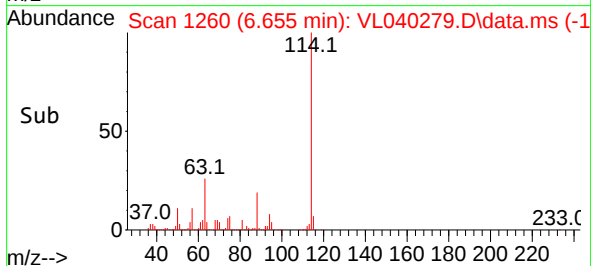
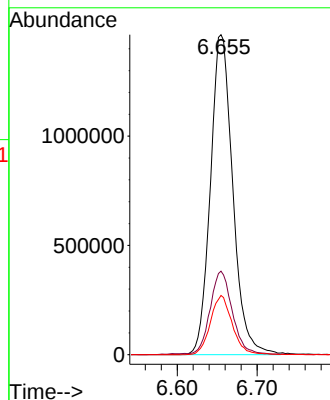
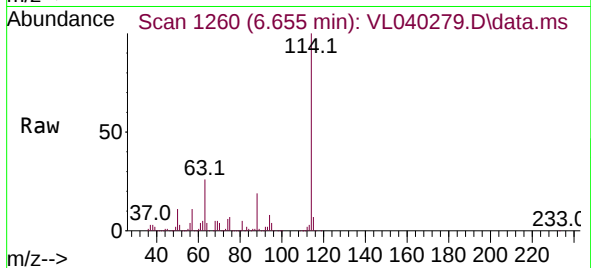
88 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#34

2-Butanone

Concen: 9.630 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.003 min

Lab File: VL040279.D

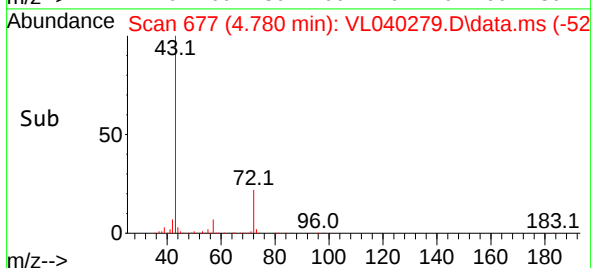
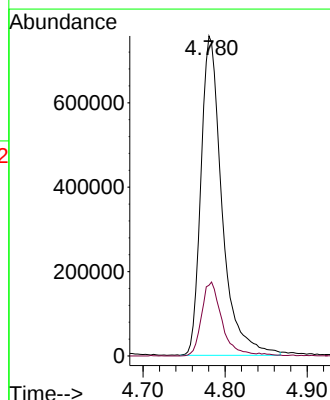
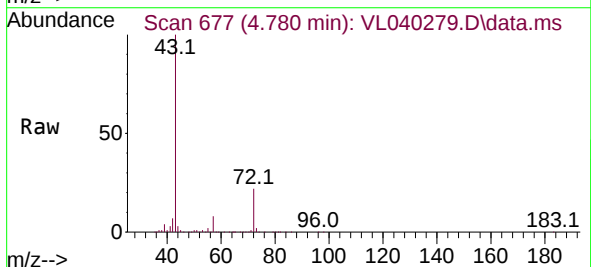
Acq: 15 Mar 2023 11:35

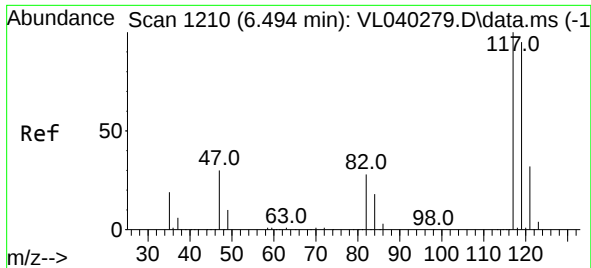
Tgt Ion: 43 Resp: 1351657

Ion Ratio Lower Upper

43 100

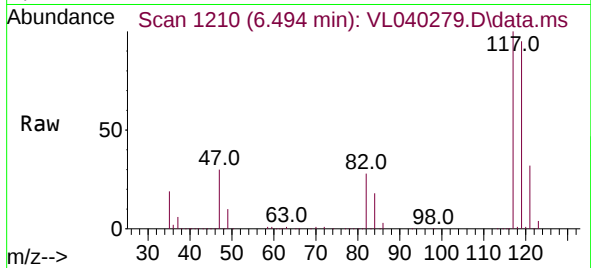
72 22.9 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.907 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

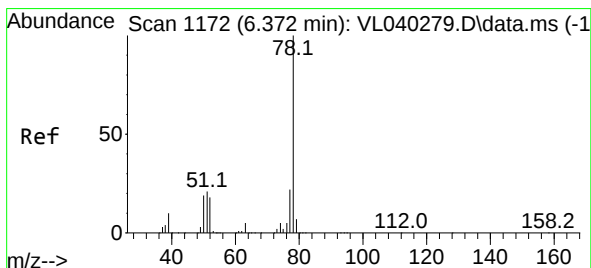
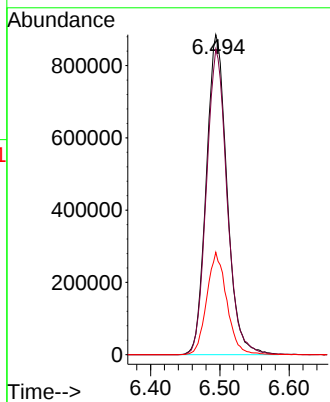
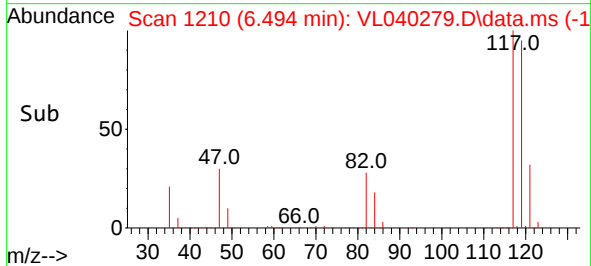
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 1834690
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
121 32.0 25.0 37.4

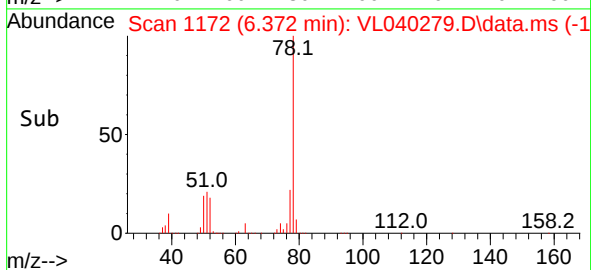
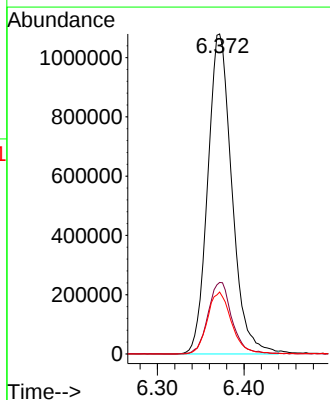
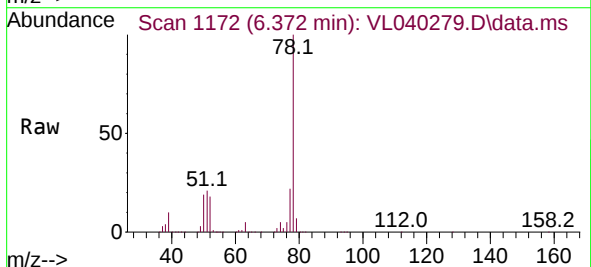
Manual Integrations
APPROVED

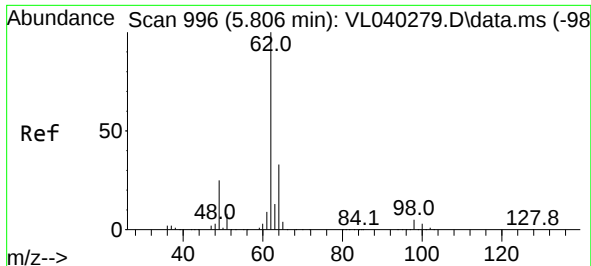
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#36
Benzene
Concen: 9.438 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

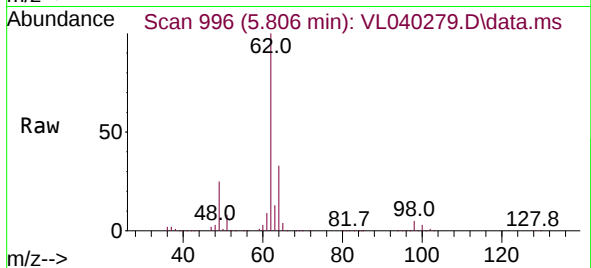
Tgt Ion: 78 Resp: 2089884
Ion Ratio Lower Upper
78 100
77 22.3 17.5 26.3
50 19.3 14.6 22.0





#37
1,2-Dichloroethane
Concen: 9.713 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

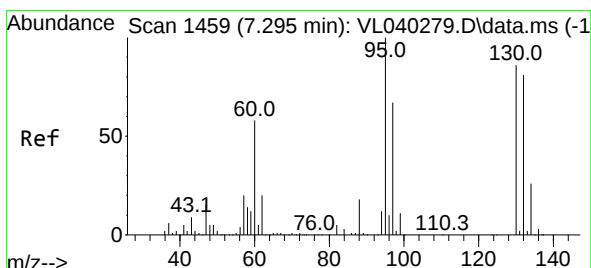
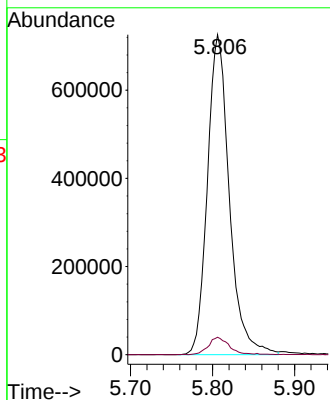
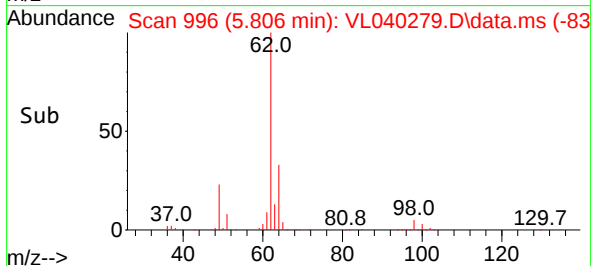
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



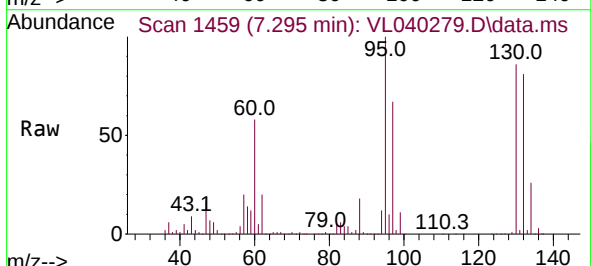
Tgt Ion: 62 Resp: 1345224
Ion Ratio Lower Upper
62 100
98 5.4 4.7 7.1

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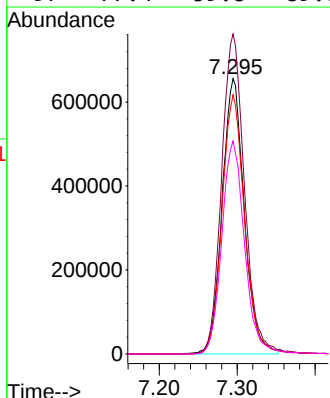
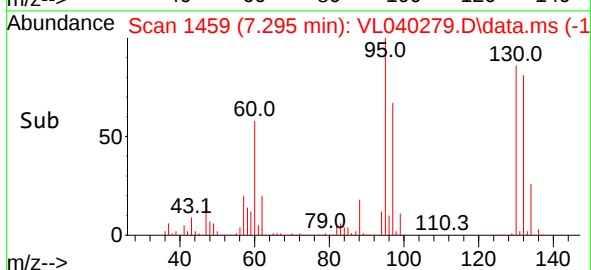
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

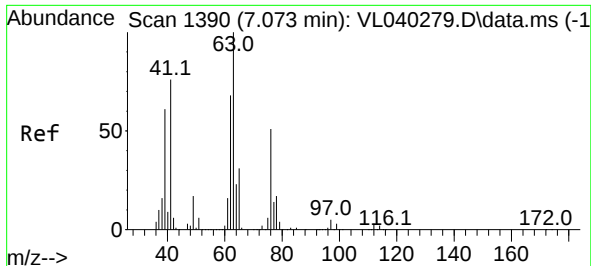


#38
Trichloroethene
Concen: 10.618 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



Tgt Ion:130 Resp: 1295571
Ion Ratio Lower Upper
130 100
95 116.2 94.7 142.1
132 94.1 76.4 114.6
97 77.4 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.437 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

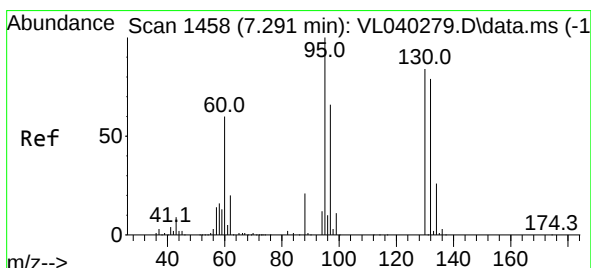
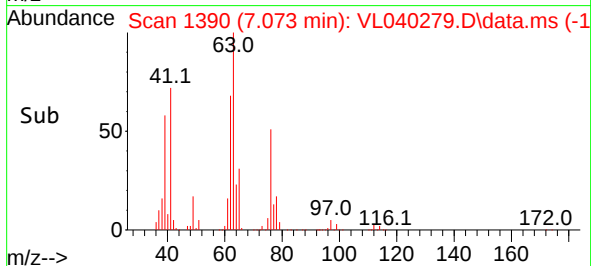
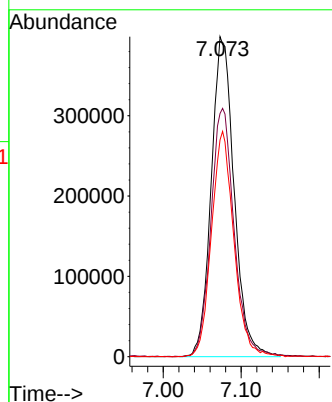
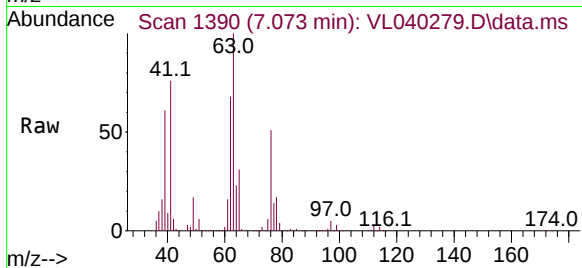
Tgt Ion: 63 Resp: 812914

Ion	Ratio	Lower	Upper
63	100		
41	76.0	57.6	86.4
62	67.6	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#40

1,4-Dioxane

Concen: 9.920 ppbv

RT: 7.291 min Scan# 1458

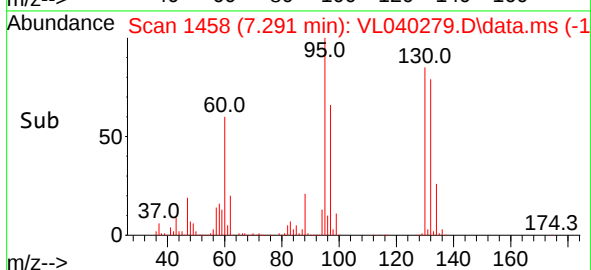
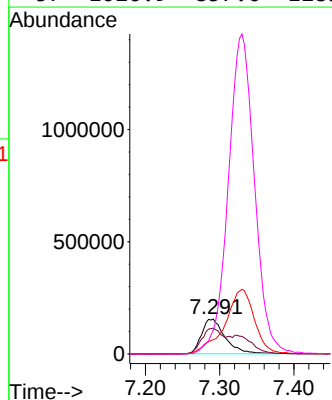
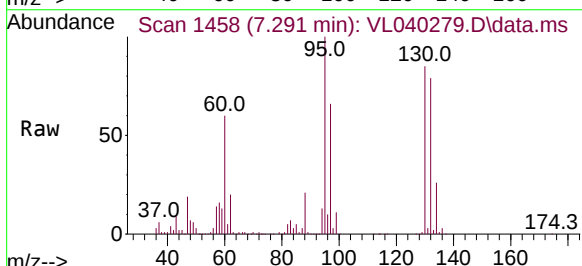
Delta R.T. 0.006 min

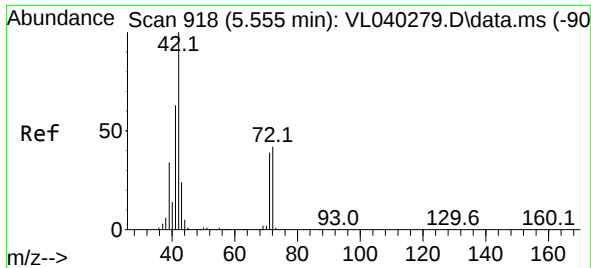
Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Tgt Ion: 88 Resp: 341839

Ion	Ratio	Lower	Upper
88	100		
58	120.0	97.4	146.0
43	234.5	193.5	290.3
57	1026.9	857.0	1285.6





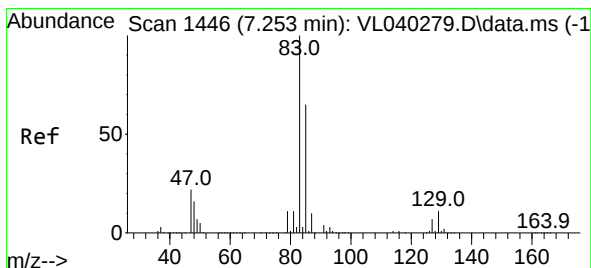
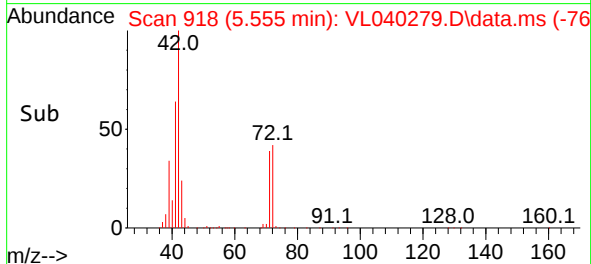
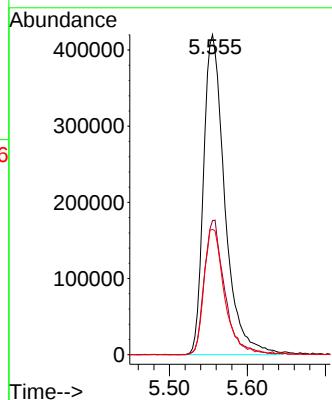
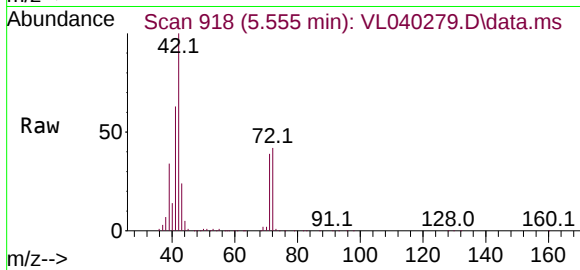
#41
Tetrahydrofuran
Concen: 9.774 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 794985
Ion Ratio Lower Upper
42 100
72 40.8 33.0 49.4
71 38.7 31.4 47.2

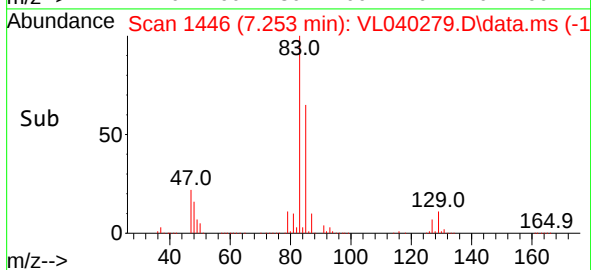
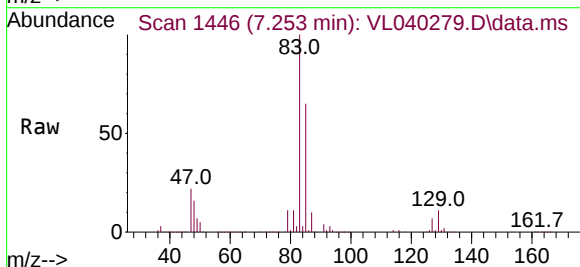
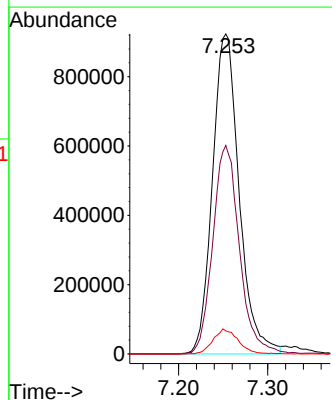
Manual Integrations
APPROVED

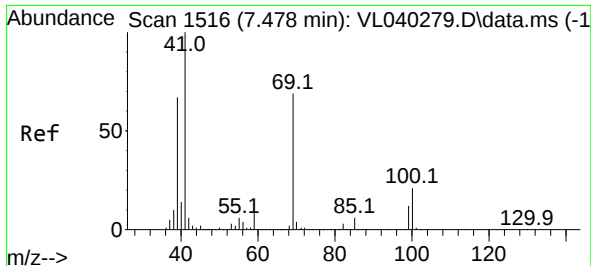
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
Bromodichloromethane
Concen: 10.054 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 83 Resp: 1921781
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 7.2 6.2 9.2





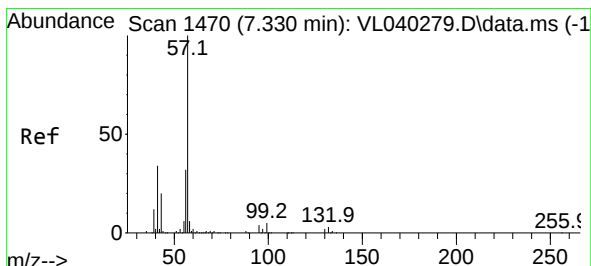
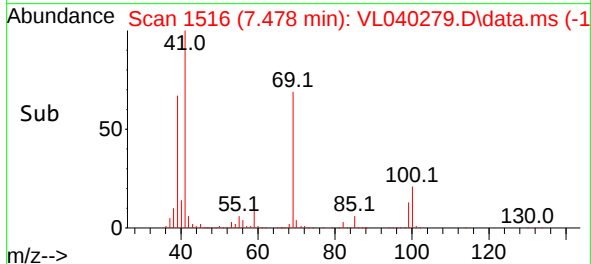
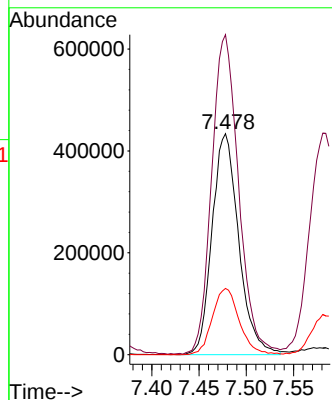
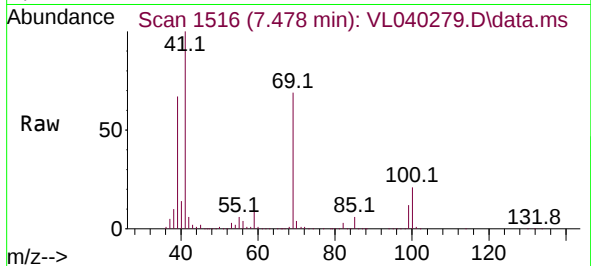
#43
Methyl Methacrylate
Concen: 10.386 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 85098
Ion Ratio Lower Upper
69 100
41 146.1 116.6 174.8
100 30.3 25.6 38.4

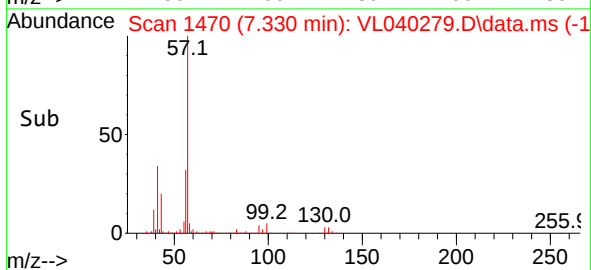
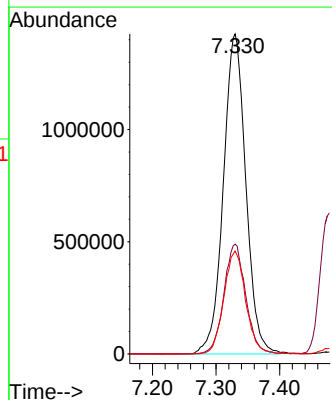
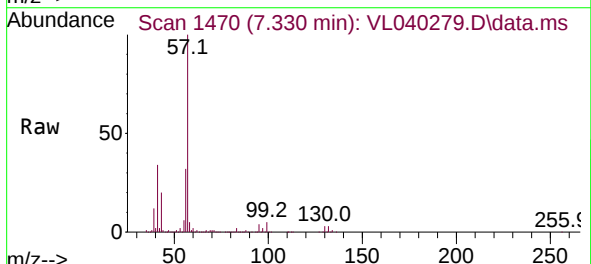
Manual Integrations
APPROVED

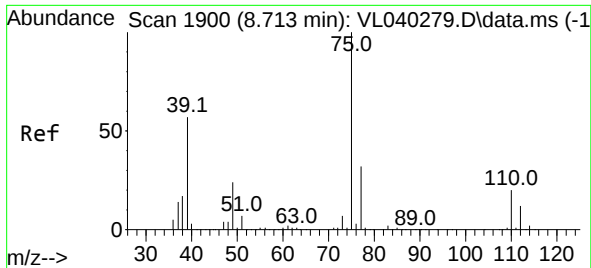
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#44
2,2,4-Trimethylpentane
Concen: 9.470 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 57 Resp: 3500455
Ion Ratio Lower Upper
57 100
41 33.5 26.2 39.4
56 31.3 24.9 37.3





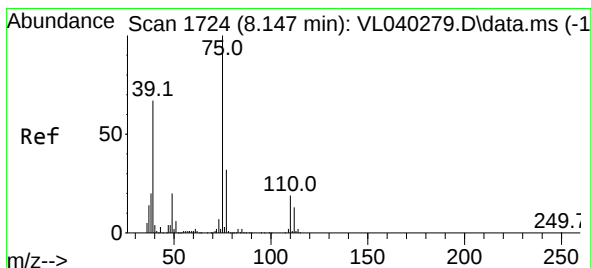
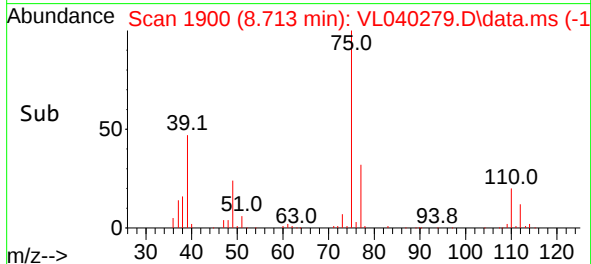
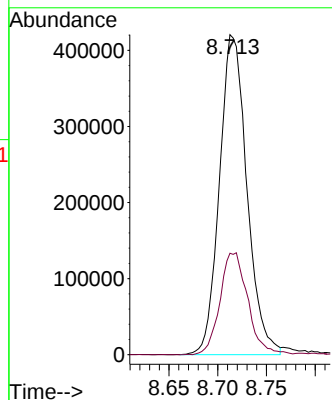
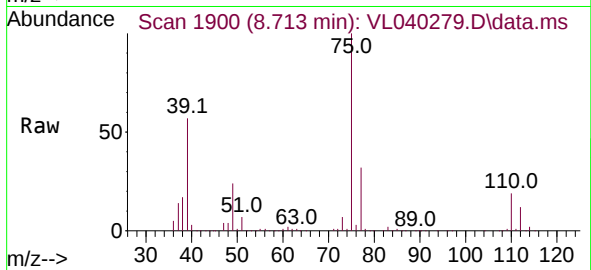
#45
t-1,3-Dichloropropene
Concen: 11.344 ppbv
RT: 8.713 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 824460
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

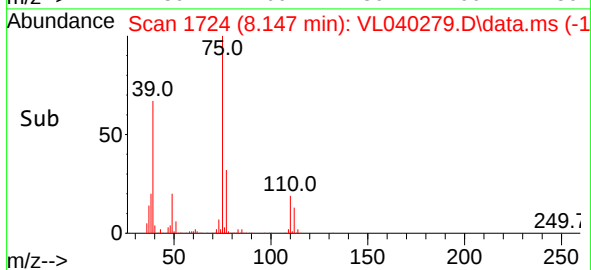
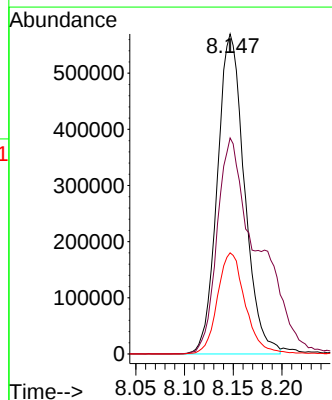
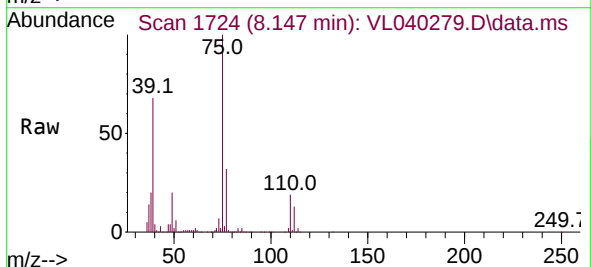
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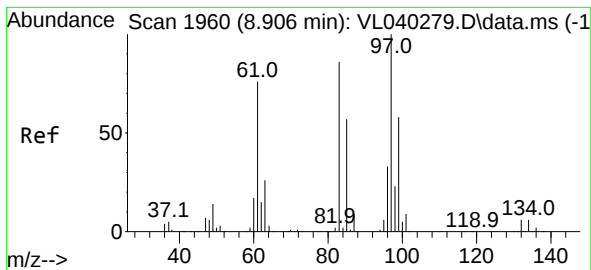
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#46
cis-1,3-Dichloropropene
Concen: 10.894 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 75 Resp: 1103096
Ion Ratio Lower Upper
75 100
39 67.4 54.2 81.2
77 31.6 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 9.474 ppbv

RT: 8.906 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 882650

Ion Ratio Lower Upper

97 100

83 85.8 72.8 109.2

85 57.5 46.6 69.8

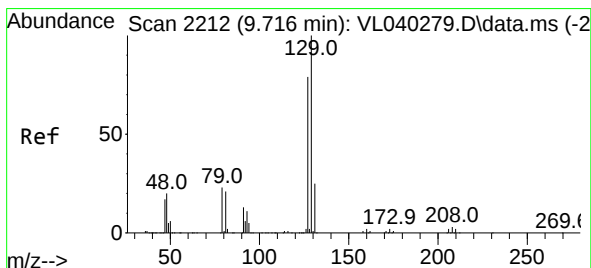
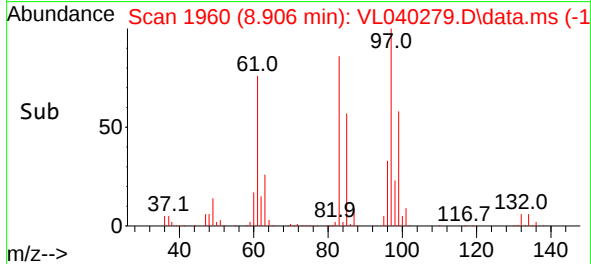
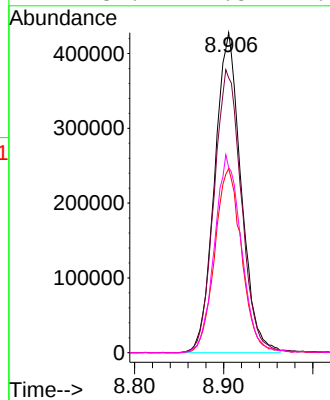
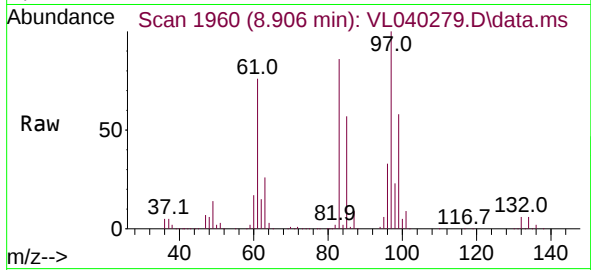
99 57.9 47.8 71.6

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#48

Dibromochloromethane

Concen: 10.465 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL040279.D

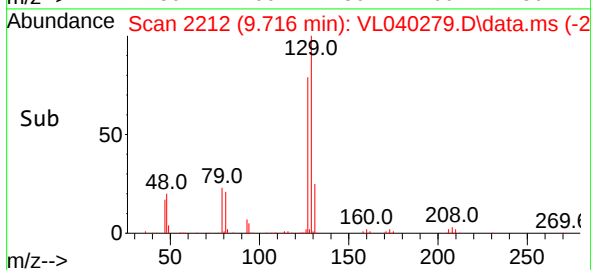
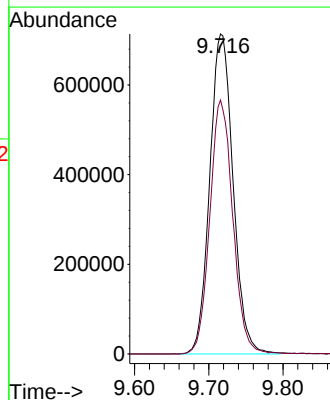
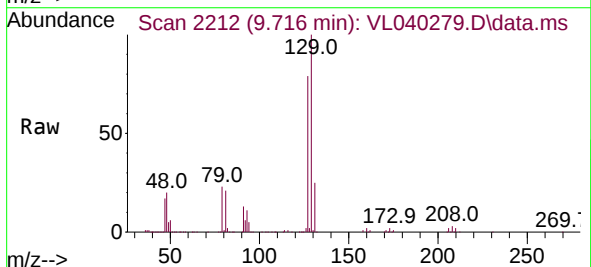
Acq: 15 Mar 2023 11:35

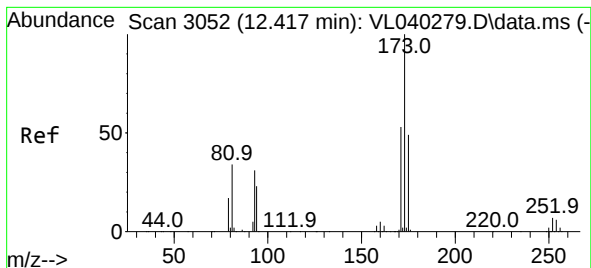
Tgt Ion:129 Resp: 1559559

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.2





#49

Bromoform

Concen: 10.479 ppbv

RT: 12.417 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 121889

Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.0

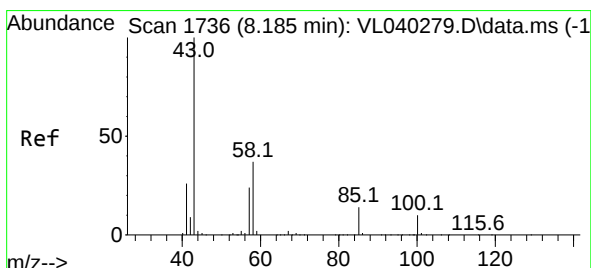
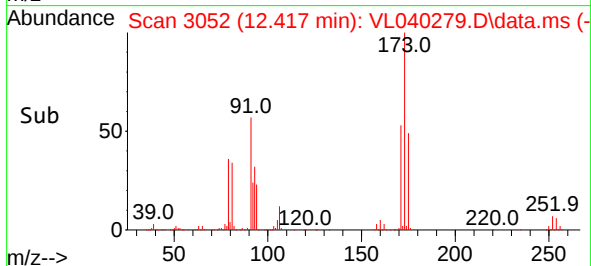
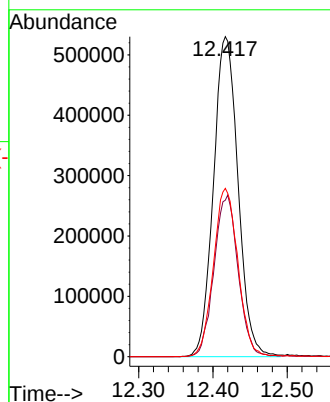
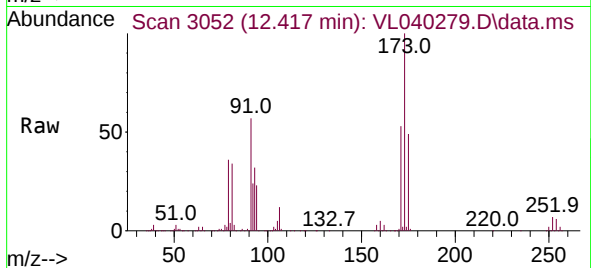
171 52.8 41.8 62.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#50

4-Methyl-2-Pentanone

Concen: 10.051 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VL040279.D

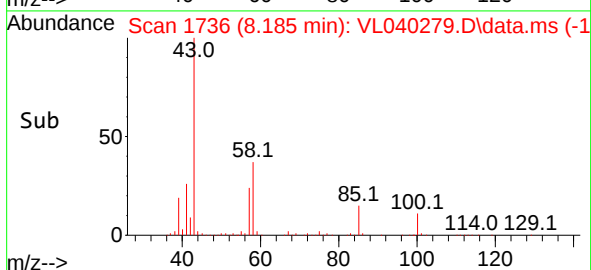
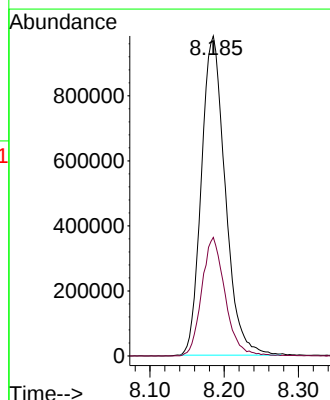
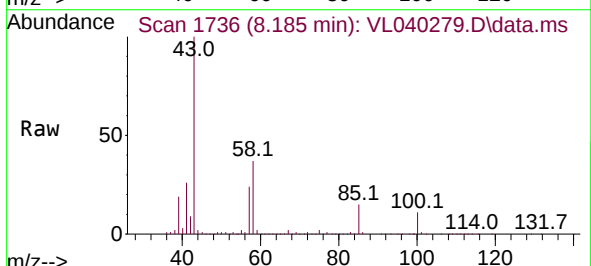
Acq: 15 Mar 2023 11:35

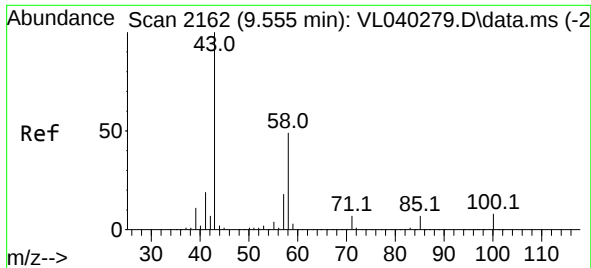
Tgt Ion: 43 Resp: 2190574

Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8





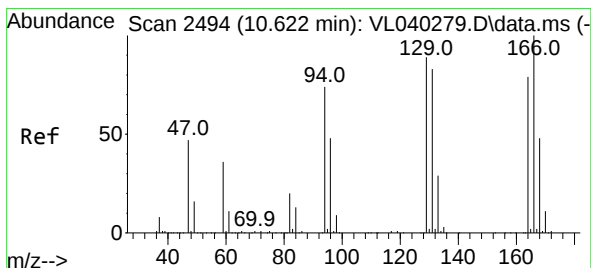
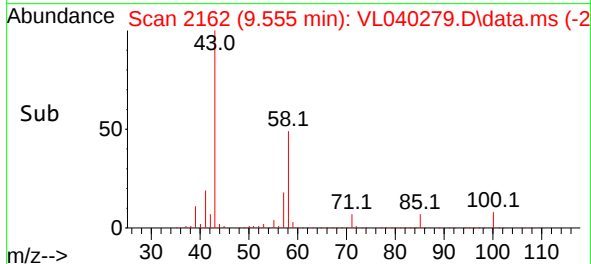
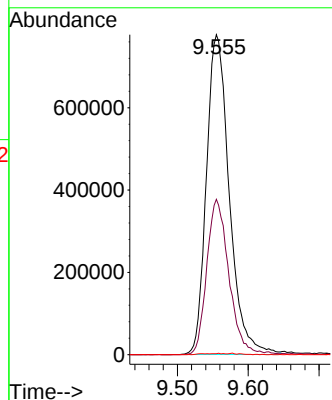
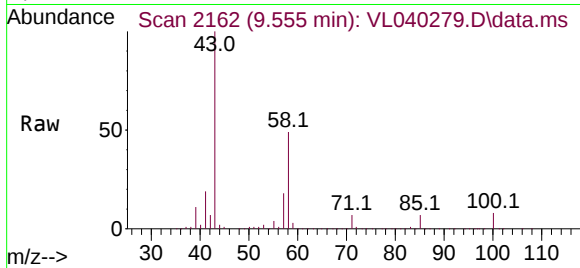
#51
2-Hexanone
Concen: 10.402 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1743490
Ion Ratio Lower Upper
43 100
58 47.5 39.1 58.7
98 0.6 0.2 0.4

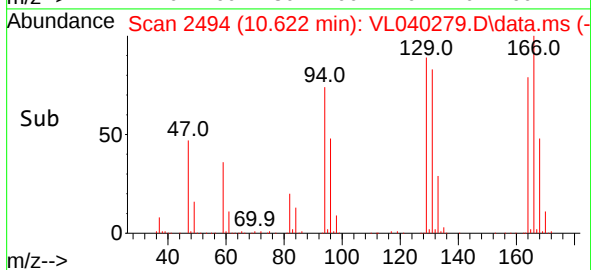
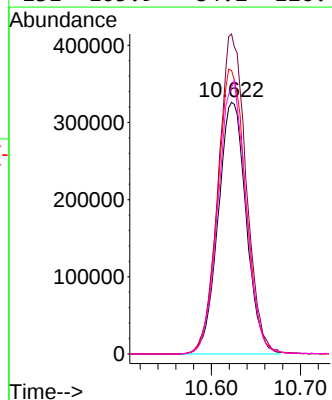
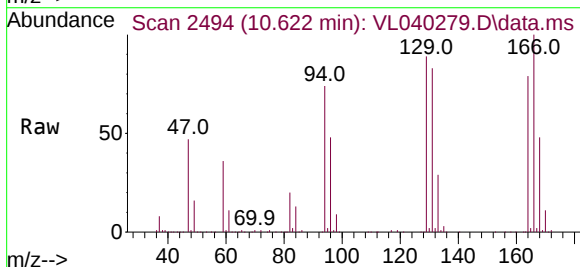
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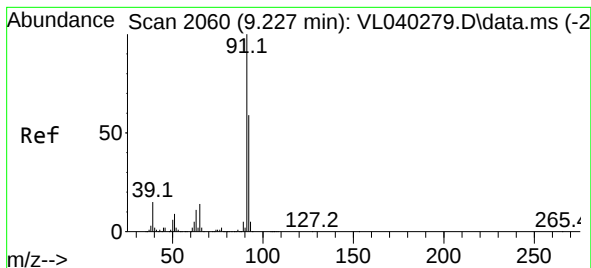
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Tetrachloroethene
Concen: 10.308 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:164 Resp: 712761
Ion Ratio Lower Upper
164 100
166 127.2 101.5 152.3
129 112.7 89.0 133.4
131 105.9 84.2 126.4





#53

Toluene

Concen: 10.139 ppbv

RT: 9.227 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 2404680

Ion Ratio Lower Upper

91 100

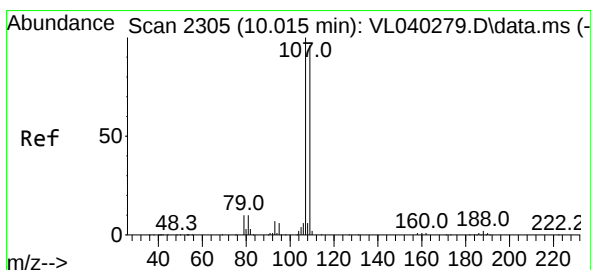
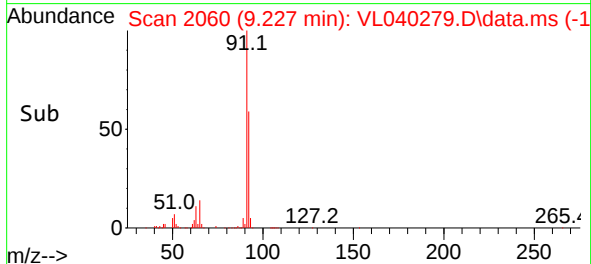
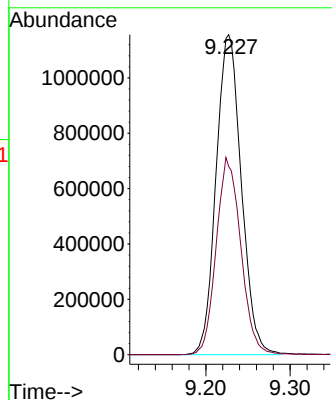
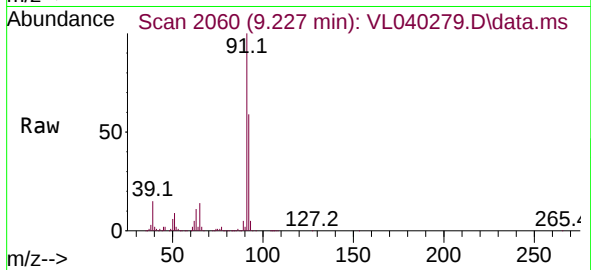
92 60.0 48.9 73.3

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#54

1,2-Dibromoethane

Concen: 10.219 ppbv

RT: 10.015 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VL040279.D

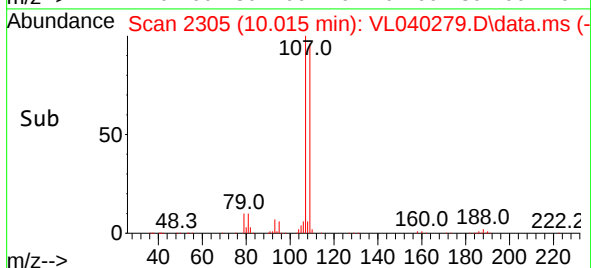
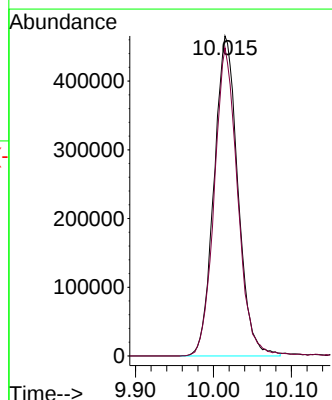
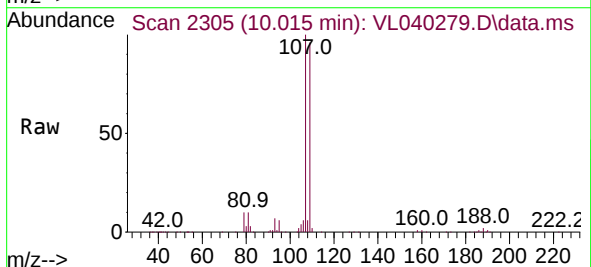
Acq: 15 Mar 2023 11:35

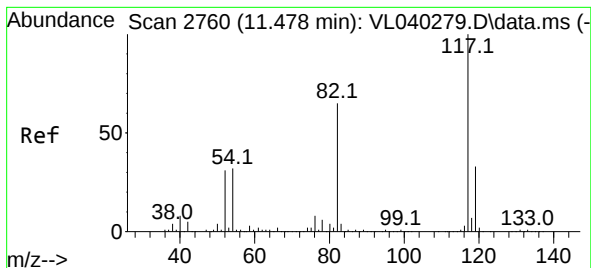
Tgt Ion:107 Resp: 990650

Ion Ratio Lower Upper

107 100

109 96.3 73.8 110.8





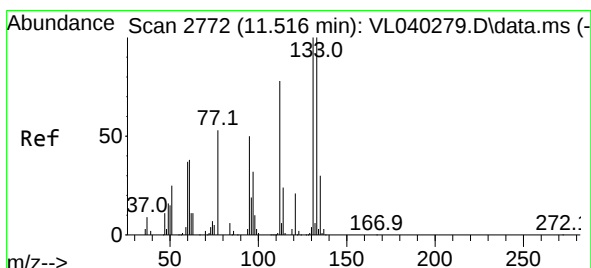
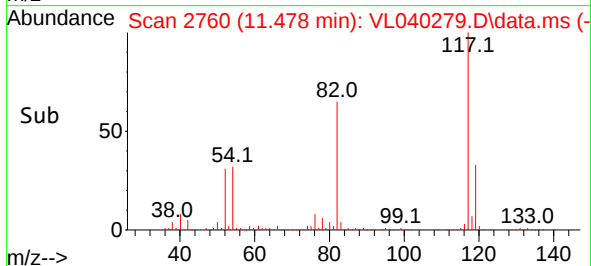
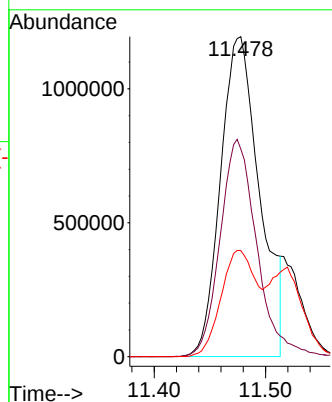
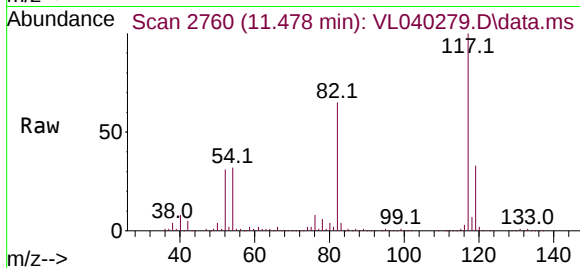
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 291370
Ion Ratio Lower Upper
117 100
82 64.3 53.3 79.9
119 30.0 24.6 37.0

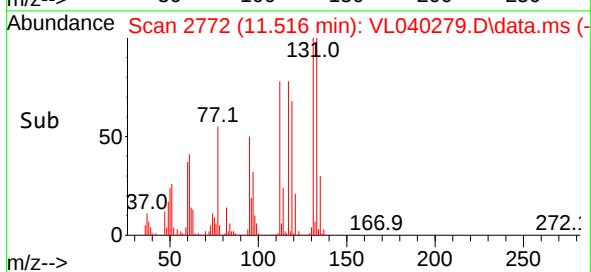
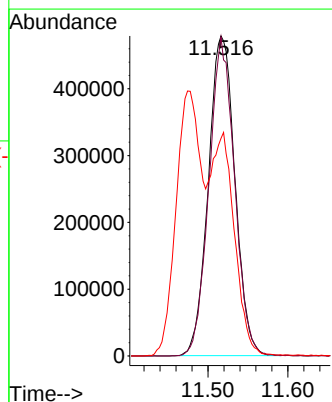
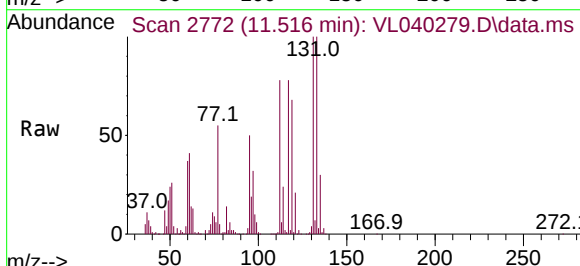
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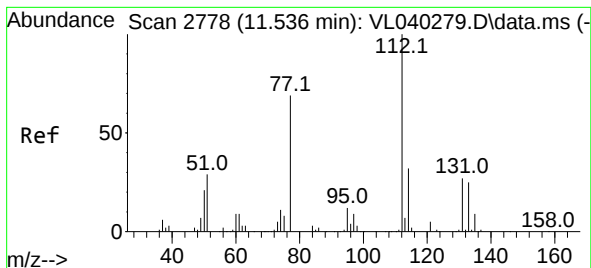
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.047 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:131 Resp: 1106467
Ion Ratio Lower Upper
131 100
133 95.6 76.2 114.2
119 59.9 45.4 68.0





#57

Chlorobenzene

Concen: 8.761 ppbv

RT: 11.536 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 186494

Ion Ratio Lower Upper

112 100

77 70.2 55.0 82.4

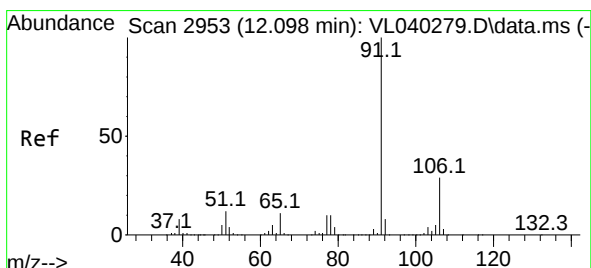
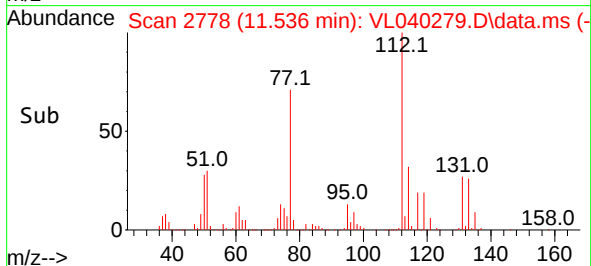
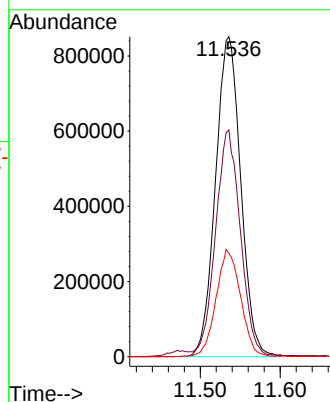
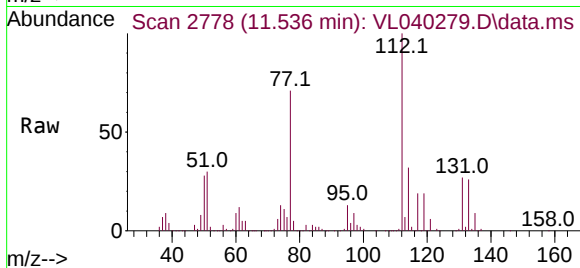
114 32.2 29.0 35.4

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#58

Ethyl Benzene

Concen: 9.262 ppbv

RT: 12.098 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VL040279.D

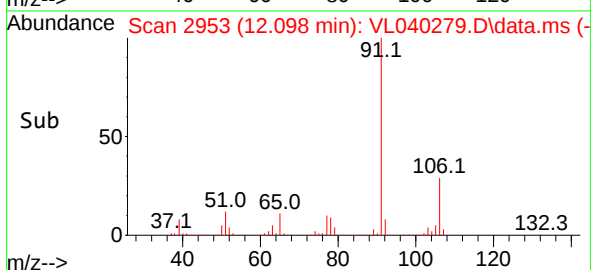
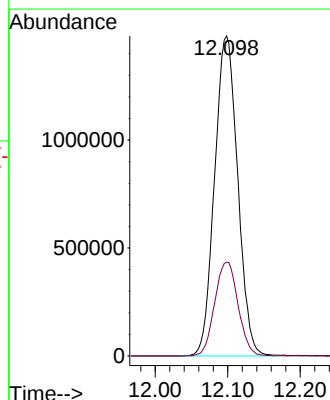
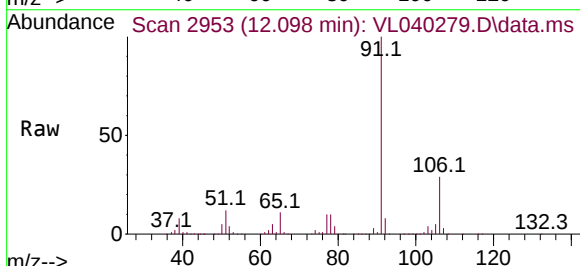
Acq: 15 Mar 2023 11:35

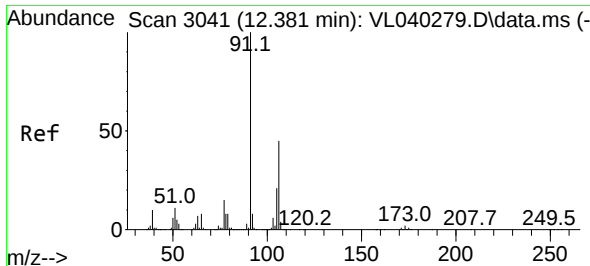
Tgt Ion: 91 Resp: 3278753

Ion Ratio Lower Upper

91 100

106 29.3 24.9 37.3





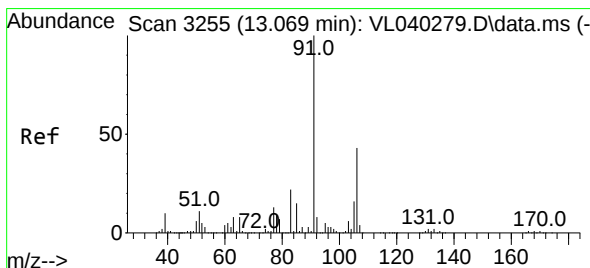
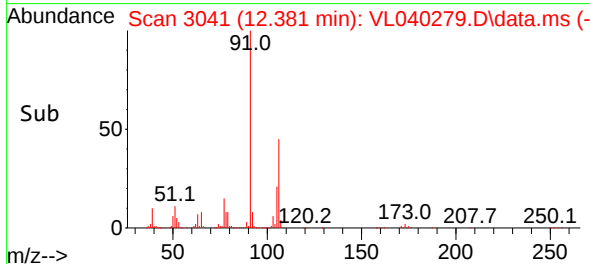
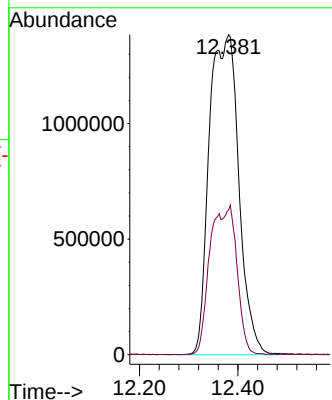
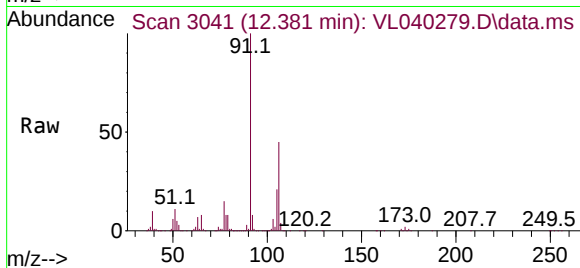
#59
m/p-Xylene
Concen: 18.414 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 577380
Ion Ratio Lower Upper
91 100
106 42.5 34.6 51.8

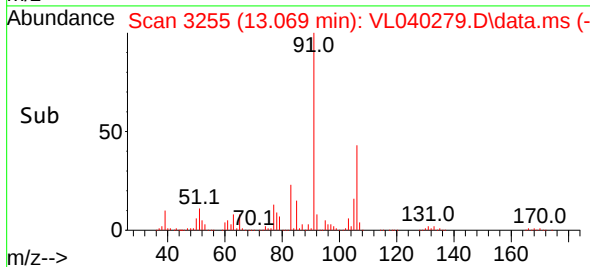
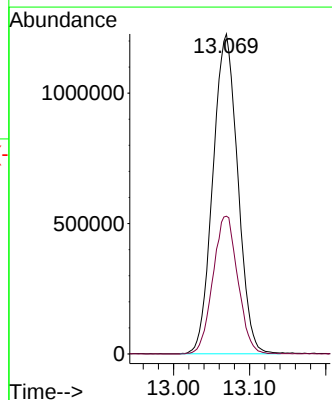
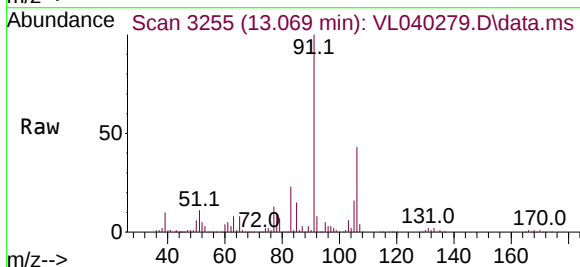
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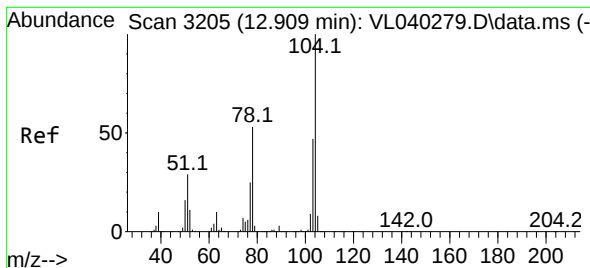
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#60
o-Xylene
Concen: 9.227 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 91 Resp: 2784000
Ion Ratio Lower Upper
91 100
106 43.4 21.6 65.0





#61

Styrene

Concen: 9.928 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 1572628

Ion Ratio Lower Upper

104 100

78 54.6 42.3 63.5

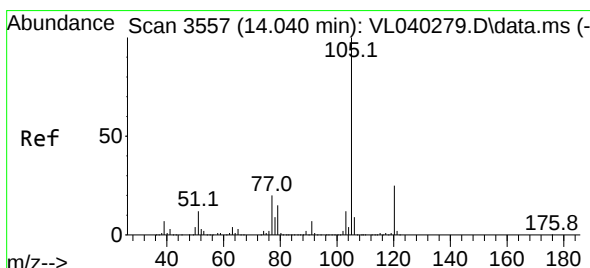
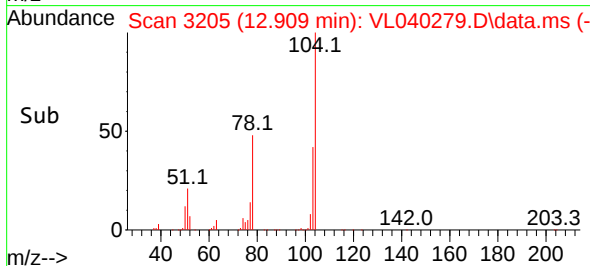
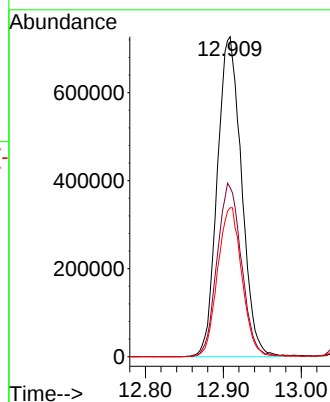
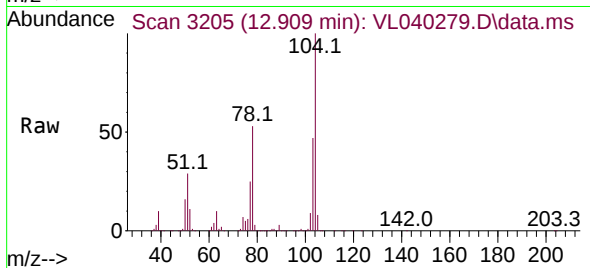
103 46.8 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#62

Isopropylbenzene

Concen: 8.920 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040279.D

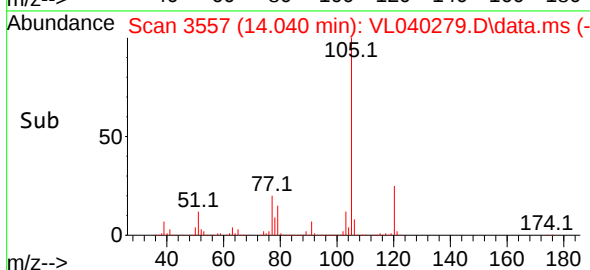
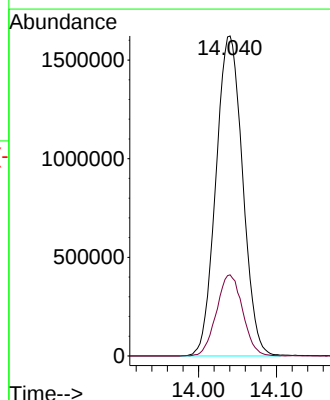
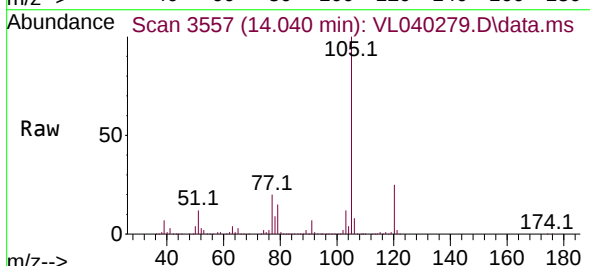
Acq: 15 Mar 2023 11:35

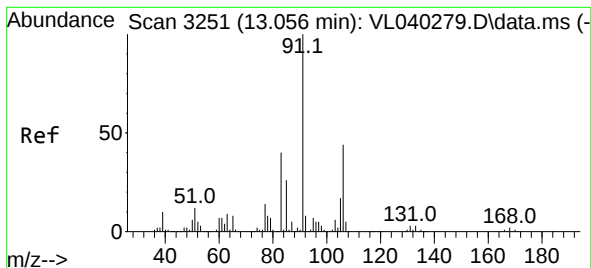
Tgt Ion:105 Resp: 3862865

Ion Ratio Lower Upper

105 100

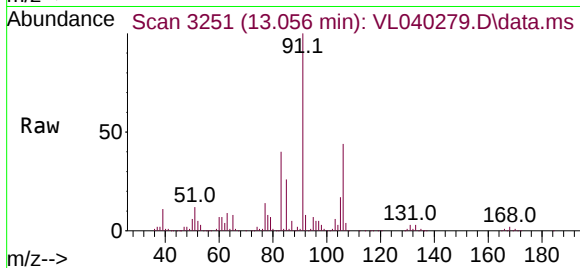
120 24.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 7.966 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

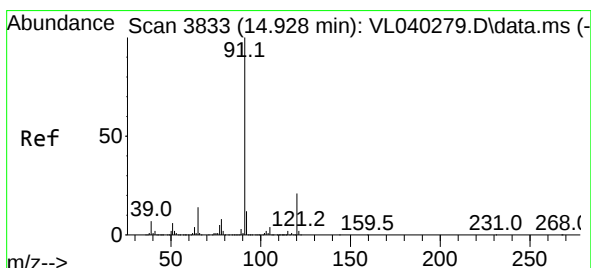
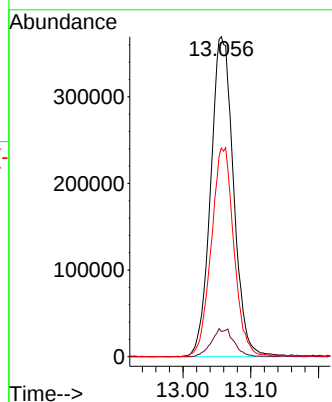
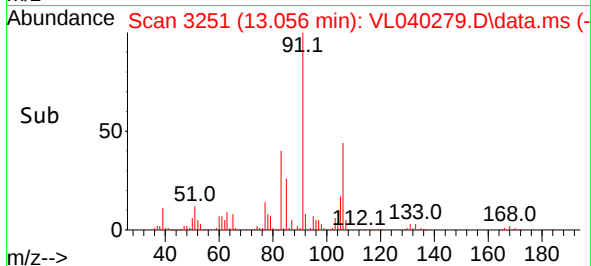
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



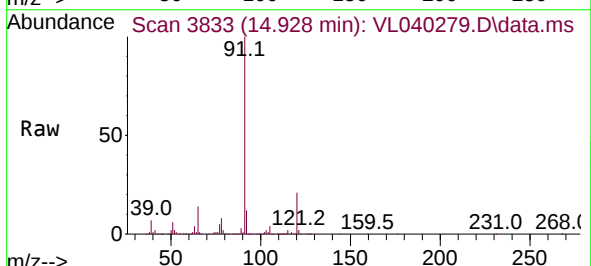
Tgt Ion: 83 Resp: 866119
Ion Ratio Lower Upper
83 100
131 8.6 4.4 13.2
85 65.4 33.0 99.0

Manual Integrations
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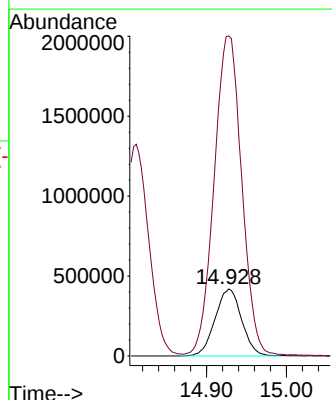
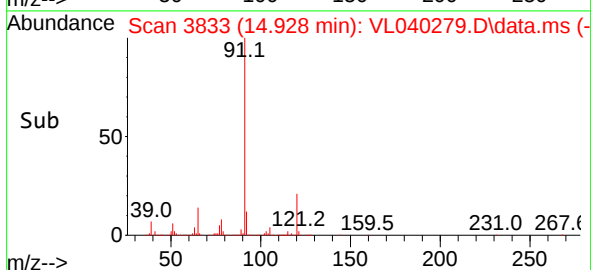
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

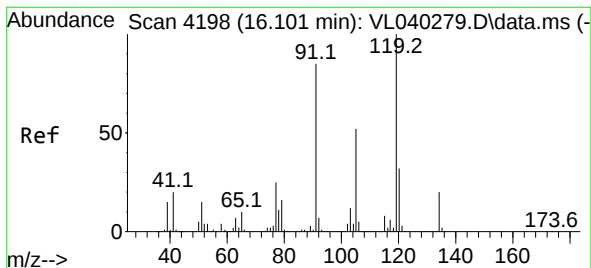


#64
n-propylbenzene
Concen: 9.014 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



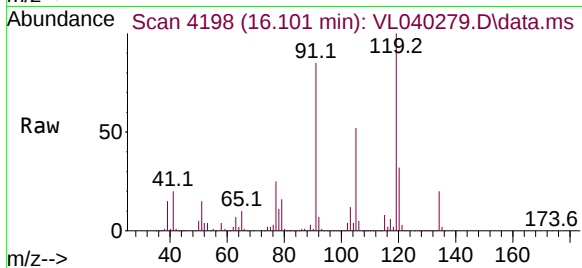
Tgt Ion:120 Resp: 966144
Ion Ratio Lower Upper
120 100
91 498.8 389.8 584.8





#65
tert-Butylbenzene
Concen: 8.816 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

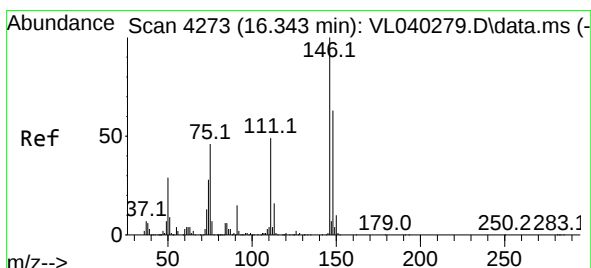
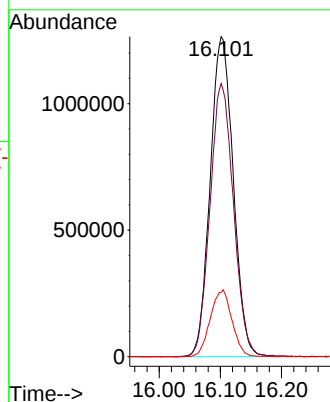
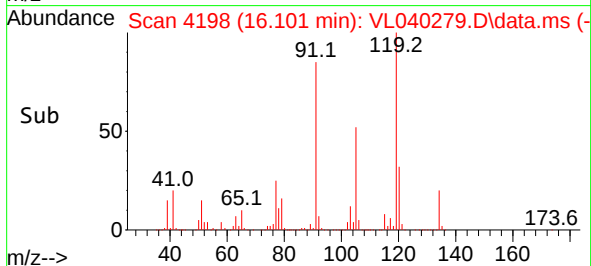
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



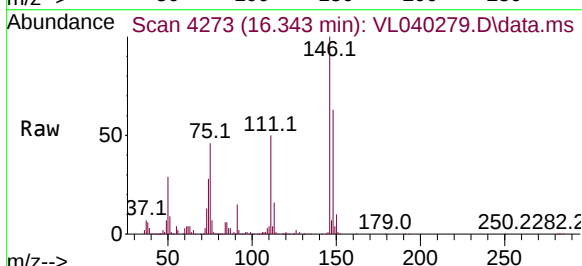
Tgt Ion:119 Resp: 3318819
Ion Ratio Lower Upper
119 100
91 86.8 68.6 102.8
134 19.7 15.9 23.9

Manual Integrations
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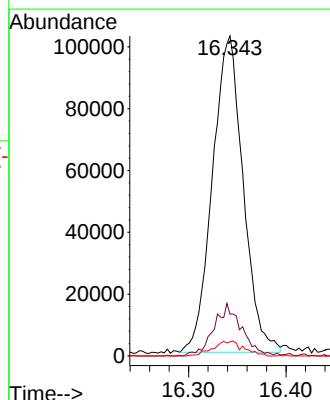
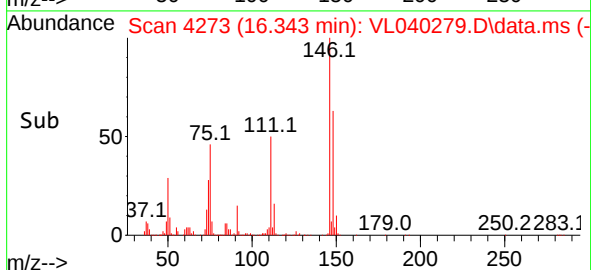
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

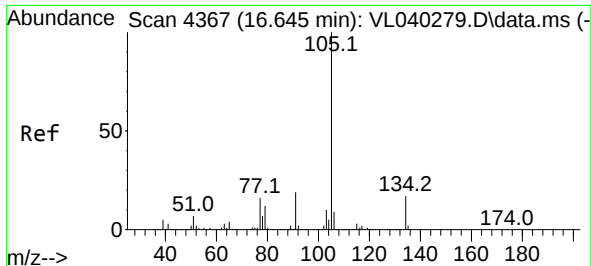


#66
Benzyl Chloride
Concen: 8.947 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



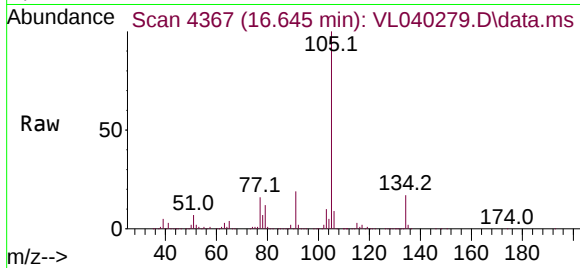
Tgt Ion: 91 Resp: 224127
Ion Ratio Lower Upper
91 100
126 15.1 13.1 19.7
128 4.7 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 8.704 ppbv
 RT: 16.645 min Scan# 4367
 Delta R.T. -0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35

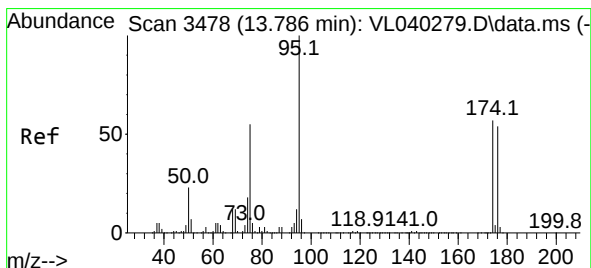
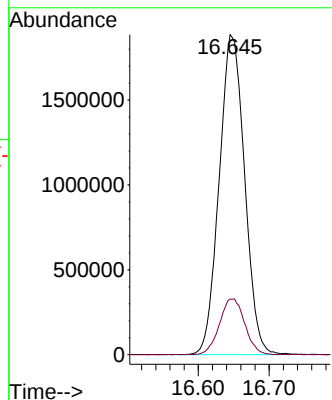
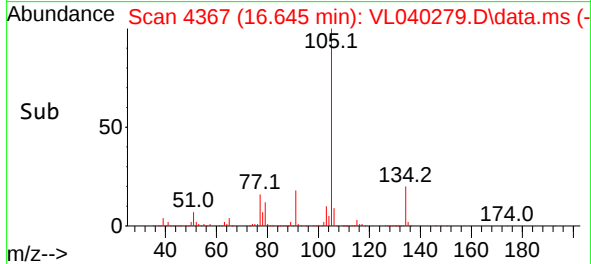
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



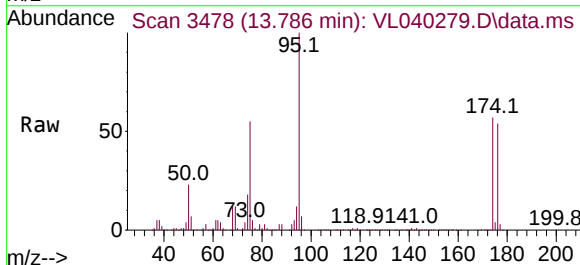
Tgt Ion:105 Resp: 4699214
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.1 21.1

Manual Integrations
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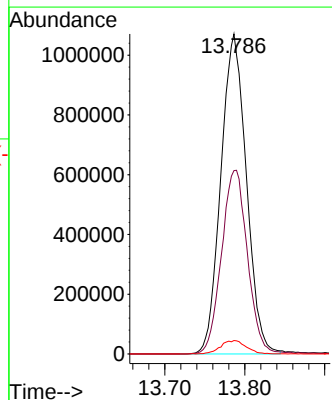
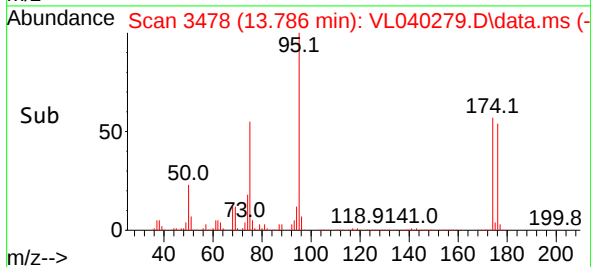
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

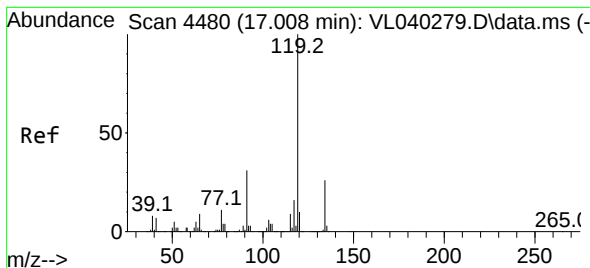


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.892 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040279.D
 Acq: 15 Mar 2023 11:35



Tgt Ion: 95 Resp: 2369997
 Ion Ratio Lower Upper
 95 100
 174 58.8 48.2 72.2
 175 4.3 3.4 5.2





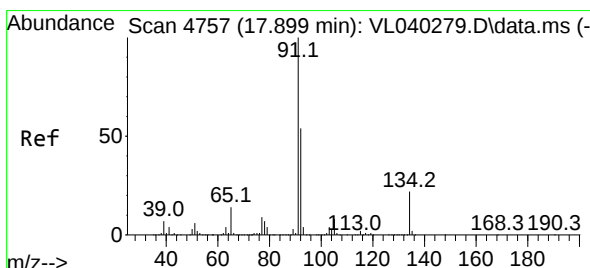
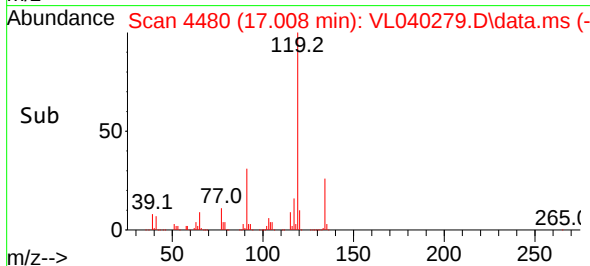
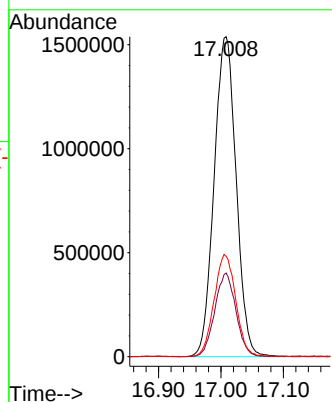
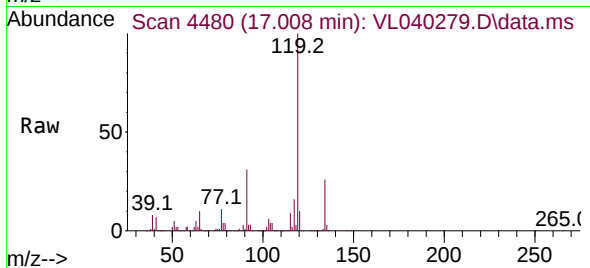
#69
p-Isopropyltoluene
Concen: 8.813 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 377197
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 31.4 24.7 37.1

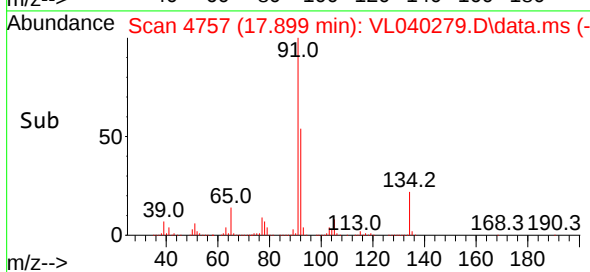
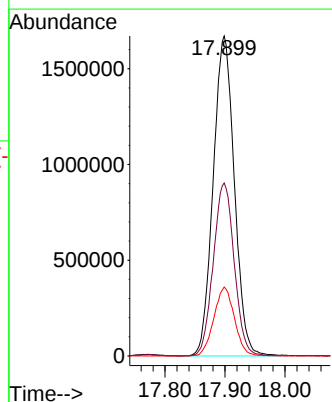
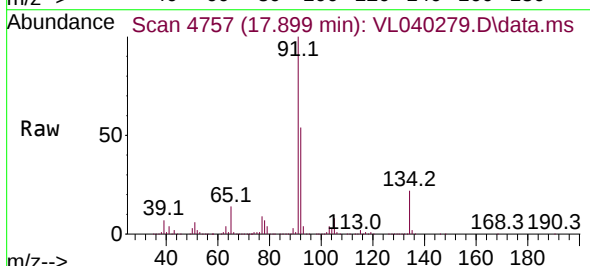
Manual Integrations
APPROVED

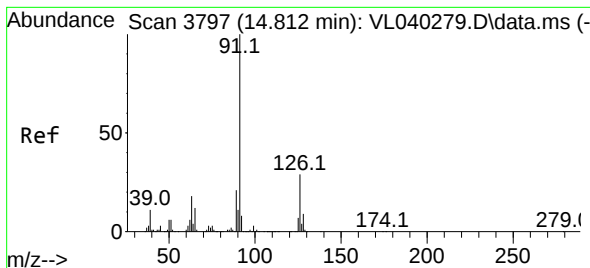
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#70
n-Butylbenzene
Concen: 8.789 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion: 91 Resp: 4082863
Ion Ratio Lower Upper
91 100
92 53.6 43.0 64.6
134 21.0 16.9 25.3





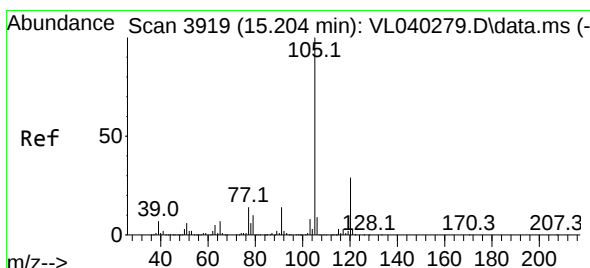
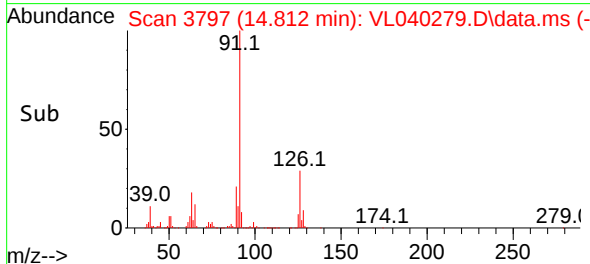
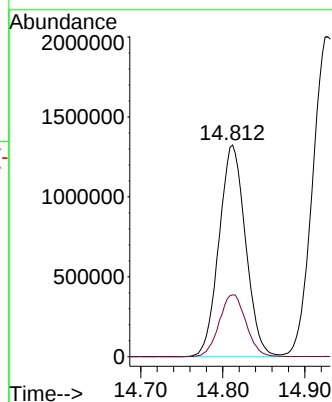
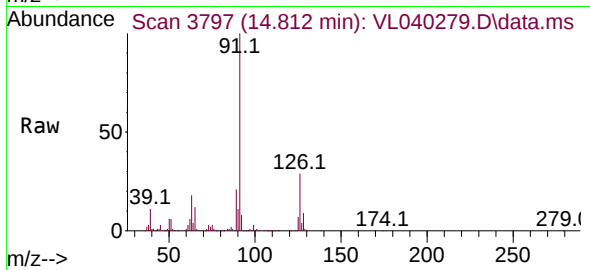
#71
2-Chlorotoluene
Concen: 9.007 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2983415
Ion Ratio Lower Upper
91 100
126 29.6 12.0 48.2

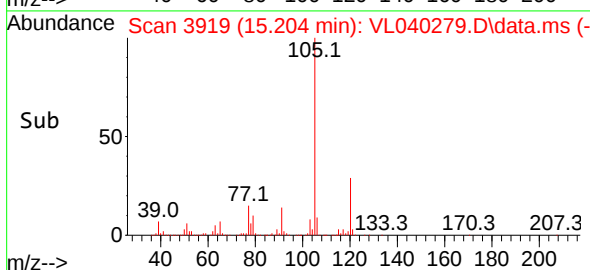
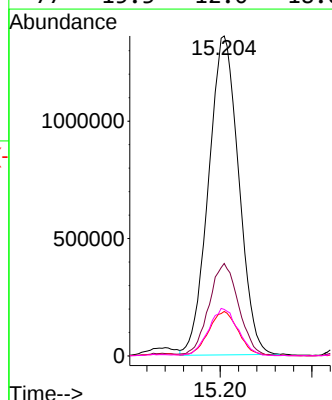
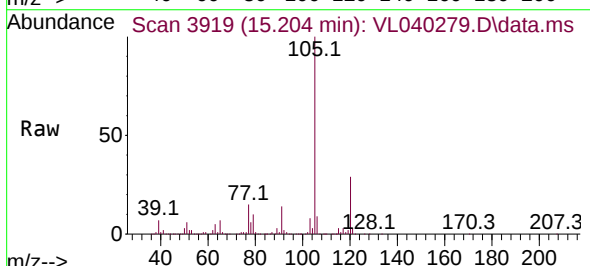
Manual Integrations
APPROVED

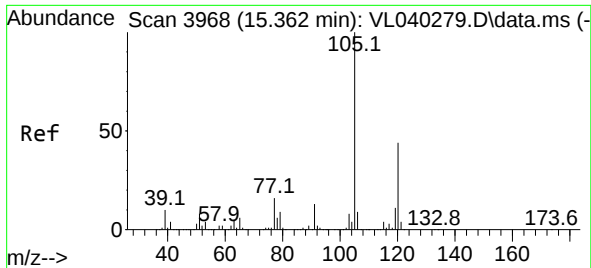
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#72
4-Ethyltoluene
Concen: 9.304 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

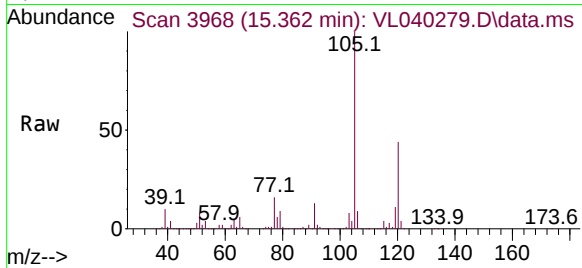
Tgt Ion:105 Resp: 3103235
Ion Ratio Lower Upper
105 100
120 29.6 23.2 34.8
91 14.5 11.3 16.9
77 15.3 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 8.862 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

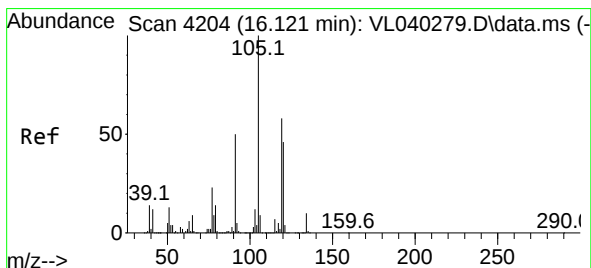
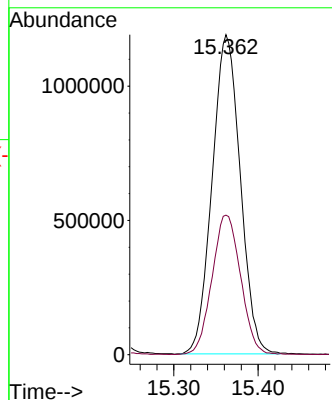
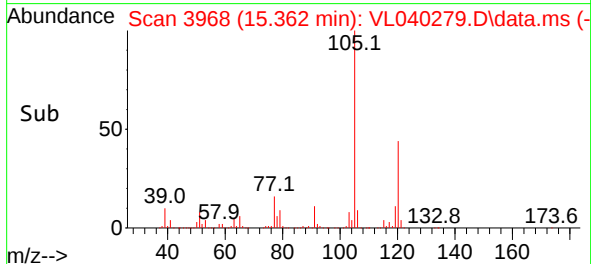
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



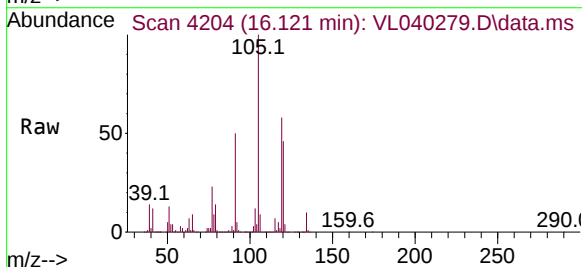
Tgt Ion:105 Resp: 275030
Ion Ratio Lower Upper
105 100
120 43.6 36.8 55.2

Manual Integrations
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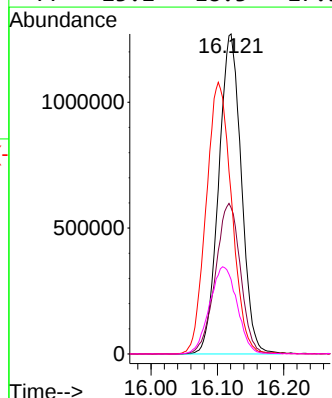
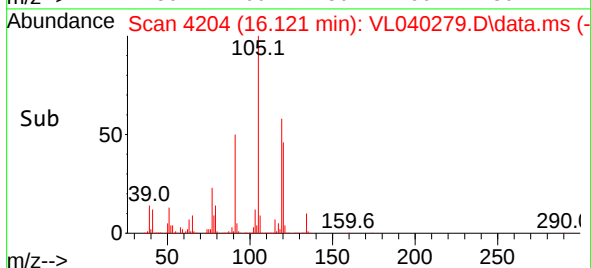
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

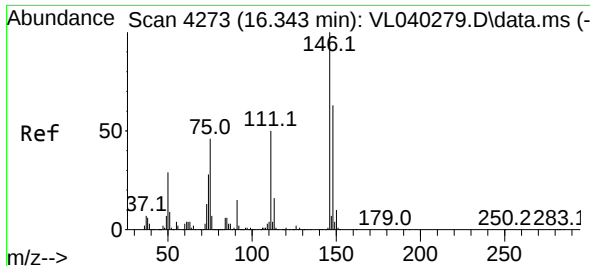


#74
1,2,4-Trimethylbenzene
Concen: 8.828 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35



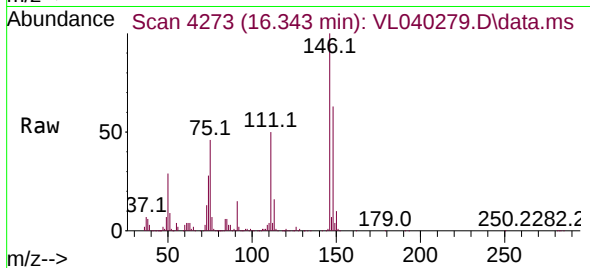
Tgt Ion:105 Resp: 3009248
Ion Ratio Lower Upper
105 100
120 45.7 37.9 56.9
91 49.9 43.7 65.5
77 23.2 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 8.645 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

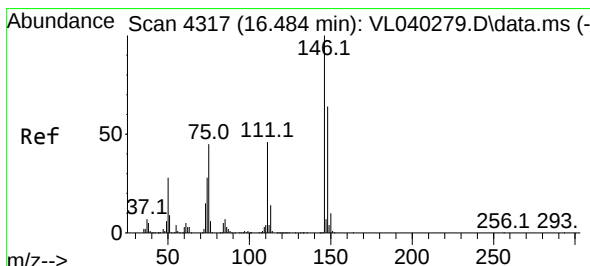
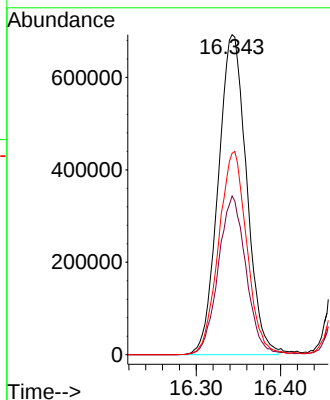
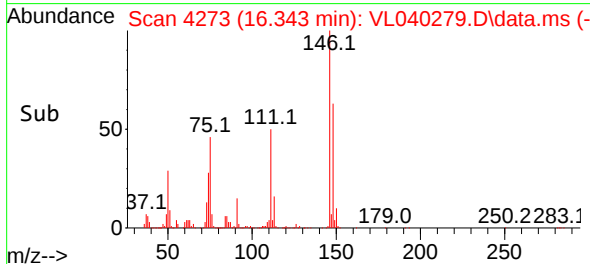
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 1612729
Ion Ratio Lower Upper
146 100
111 48.7 23.9 71.8
148 63.7 32.1 96.5

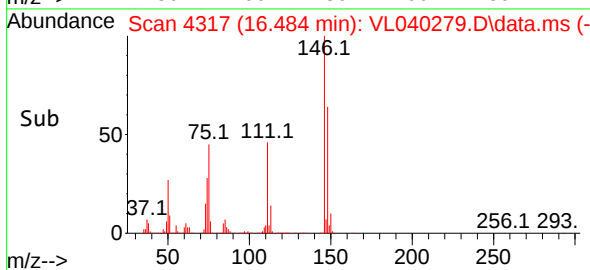
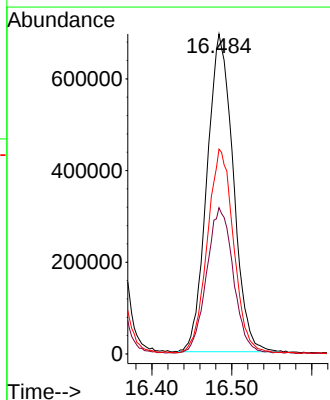
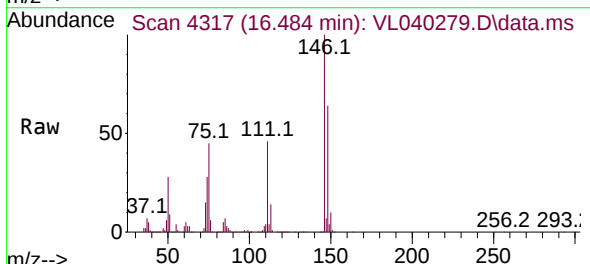
Manual Integrations
APPROVED

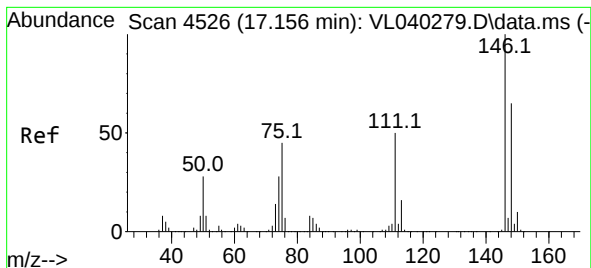
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#76
1,4-Dichlorobenzene
Concen: 8.638 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Tgt Ion:146 Resp: 1579023
Ion Ratio Lower Upper
146 100
111 47.5 23.5 70.5
148 65.0 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 8.191 ppbv

RT: 17.156 min Scan# 4526

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 1517944

Ion Ratio Lower Upper

146 100

111 50.4 25.3 75.8

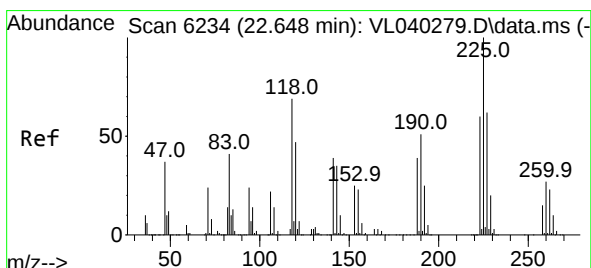
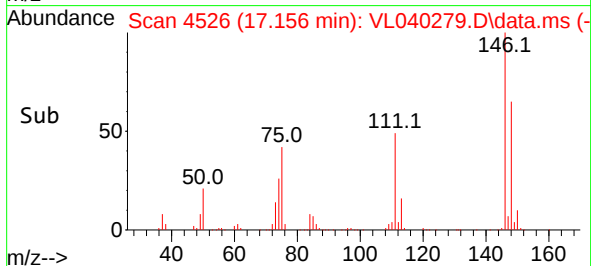
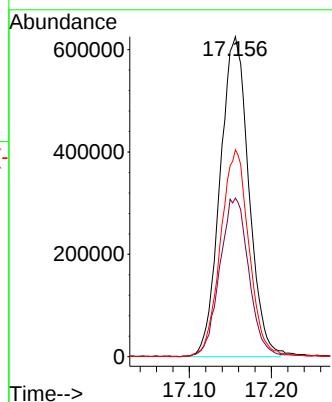
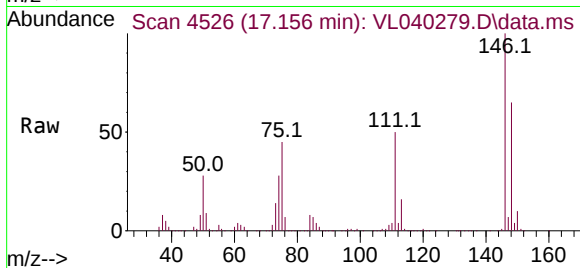
148 64.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.552 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. 0.003 min

Lab File: VL040279.D

Acq: 15 Mar 2023 11:35

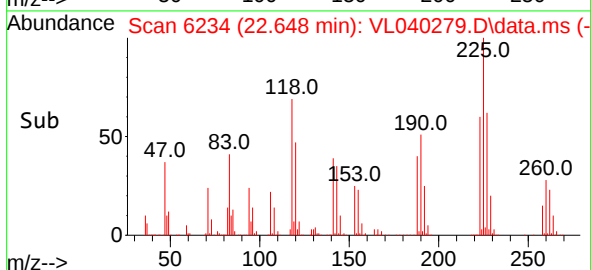
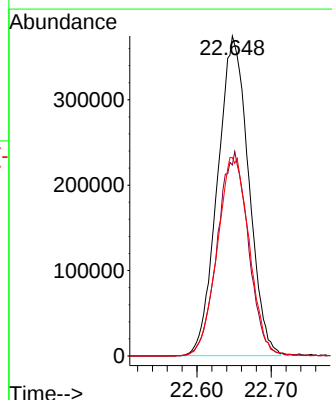
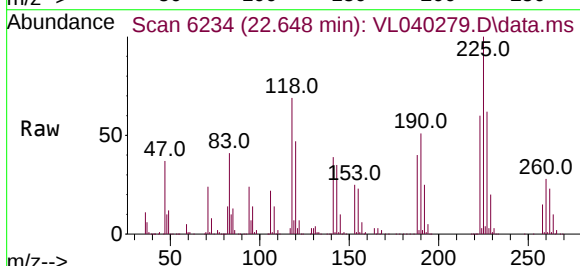
Tgt Ion:225 Resp: 1088691

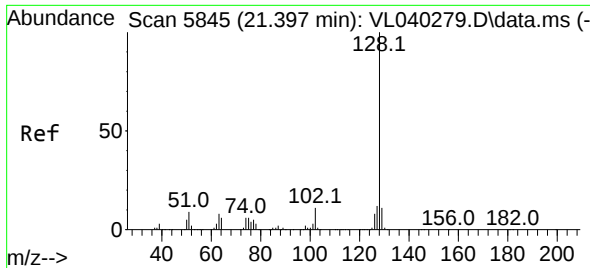
Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

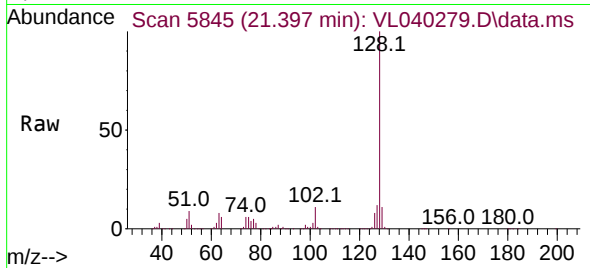
227 64.3 51.2 76.8





#79
Naphthalene
Concen: 12.125 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.000 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

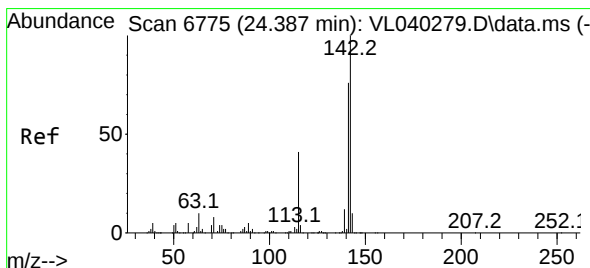
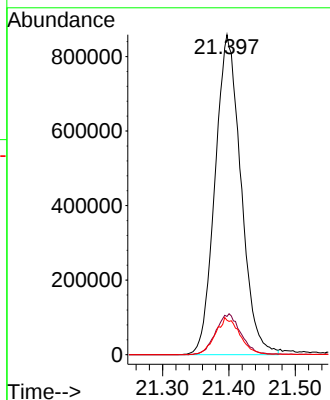
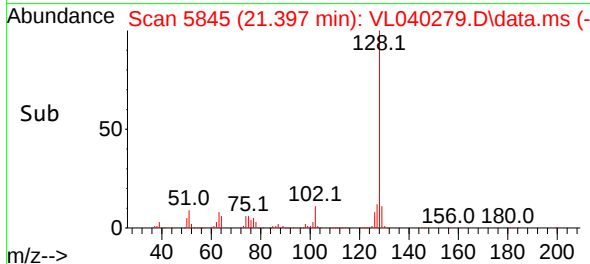
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 232202
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 10.8 9.4 14.0

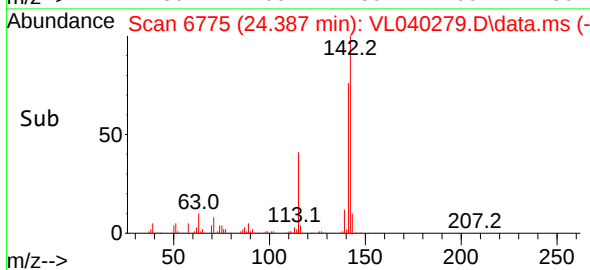
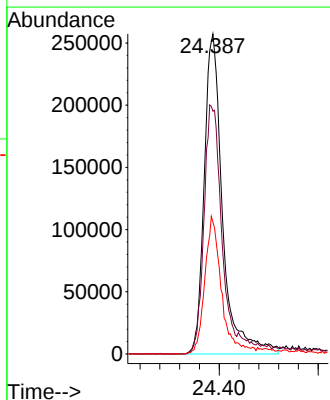
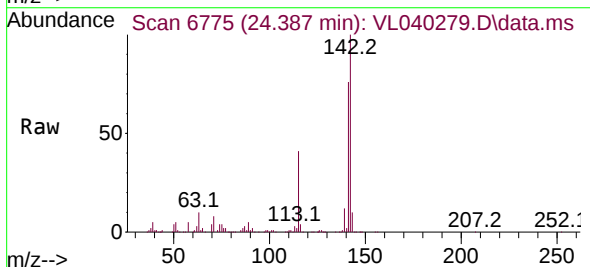
Manual Integrations
APPROVED

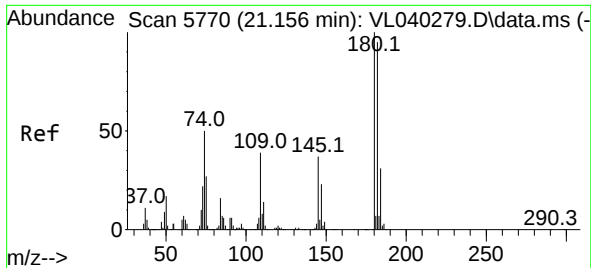
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#80
Naphthalene,2-methyl-
Concen: 12.145 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.003 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

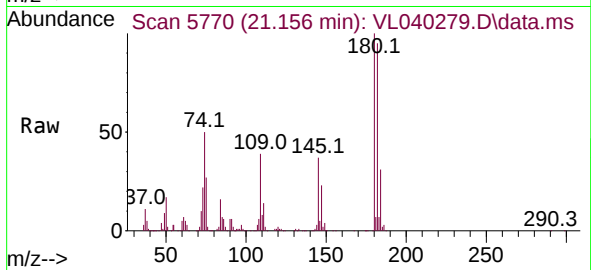
Tgt Ion:142 Resp: 661400
Ion Ratio Lower Upper
142 100
141 81.9 67.3 100.9
115 41.9 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 10.204 ppbv
RT: 21.156 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL040279.D
Acq: 15 Mar 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 1222849
Ion Ratio Lower Upper
180 100
182 95.1 79.0 118.6
184 30.5 24.6 36.8

Manual Integrations
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