

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040423\
 Data File : VL040301.D
 Acq On : 4 Apr 2023 9:18
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/05/2023
 Supervised By : Mahesh Dadoda 04/05/2023

Quant Time: Apr 05 01:29:39 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1106127	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2821272	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2825785m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2289770 9.676 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	2034176	9.373	ppbv	96
3) Chlorodifluoromethane	2.677	51	1222105	8.786	ppbv	99
4) Chloromethane	2.816	50	774915	9.022	ppbv	97
5) Vinyl Chloride	2.922	62	666608	9.585	ppbv	97
6) Bromomethane	3.121	94	222168	9.212	ppbv	96
7) Chloroethane	3.198	64	241978	9.063	ppbv	96
8) Dichlorotetrafluoroethane	2.861	85	1690256	9.099	ppbv	100
9) Propene	2.697	41	504284	9.464	ppbv	95
10) Heptane	7.578	43	1247825	9.736	ppbv	100
11) Trichlorofluoromethane	3.565	101	1746283	8.881	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.066	101	1307838	8.856	ppbv	98
13) Ethanol	3.247	45	30322m	7.759	ppbv	
14) Bromoethene	3.365	108	547240	9.934	ppbv	100
15) Acetone	3.468	43	1153650	8.567	ppbv	98
16) 1,3-Butadiene	2.986	39	595146	9.723	ppbv	99
17) tert-Butyl alcohol	3.877	59	1194468	9.333	ppbv	100
18) 1,1-Dichloroethene	3.880	96	581653	9.181	ppbv	98
19) Isopropyl Alcohol	3.574	45	520397	8.067	ppbv	99
20) Methylene Chloride	3.935	84	471265	8.319	ppbv	97
21) Allyl Chloride	3.996	41	830032	9.516	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	603136	9.354	ppbv	97
23) Vinyl Acetate	4.626	43	398881	10.647	ppbv #	97
24) 1,1-Dichloroethane	4.562	63	1215251	9.094	ppbv	98
25) Ethyl Acetate	5.201	43	2341722	9.288	ppbv	99
26) Hexane	5.211	57	987230	9.540	ppbv	97
27) Carbon Disulfide	4.124	76	1444042	9.990	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1123321	9.454	ppbv	100
29) Chloroform	5.272	83	1731425	9.475	ppbv	99
30) Cyclohexane	6.603	84	831874	10.201	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1032489	10.245	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1766392	10.089	ppbv	98
34) 2-Butanone	4.783	43	1277398	9.174	ppbv	99
35) Carbon Tetrachloride	6.494	117	1809980	10.223	ppbv	97
36) Benzene	6.369	78	2071940	9.637	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1325504	9.472	ppbv	100
38) Trichloroethene	7.291	130	1241244	10.565	ppbv	99
39) 1,2-Dichloropropane	7.073	63	801143	9.497	ppbv	97
40) 1,4-Dioxane	7.288	88	296545	8.886	ppbv #	1
41) Tetrahydrofuran	5.555	42	767011	9.545	ppbv	98
42) Bromodichloromethane	7.250	83	1897853	9.924	ppbv	99
43) Methyl Methacrylate	7.468	69	822147	10.290	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3486037	9.725	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	777083	11.157	ppbv	97

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 Misc : 400mL/MSVOA_L
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/05/2023
 Supervised By : Mahesh Dadoda 04/05/2023

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

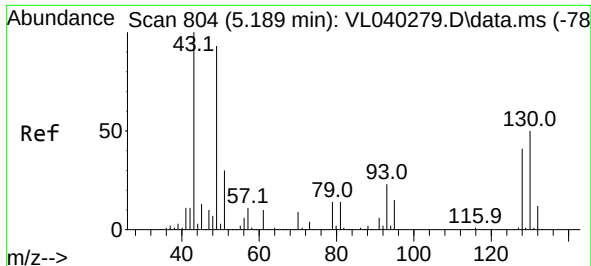
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1071056	10.829	ppbv	100
47) 1,1,2-Trichloroethane	8.896	97	844563	9.384	ppbv	97
48) Dibromochloromethane	9.712	129	1442776	9.741	ppbv	100
49) Bromoform	12.407	173	1079693	9.706	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2087437	9.688	ppbv	100
51) 2-Hexanone	9.549	43	1597365	9.569	ppbv	99
52) Tetrachloroethene	10.613	164	689408	10.599	ppbv	98
53) Toluene	9.221	91	2304960	10.230	ppbv	99
54) 1,2-Dibromoethane	10.008	107	918869	9.918	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.510	131	1022349	8.600	ppbv	98
57) Chlorobenzene	11.526	112	1723563	8.575	ppbv	98
58) Ethyl Benzene	12.085	91	3086457	9.592	ppbv	98
59) m/p-Xylene	12.372	91	5352645m	18.159	ppbv	
60) o-Xylene	13.060	91	2554228	9.065	ppbv	99
61) Styrene	12.899	104	1439152	10.065	ppbv	99
62) Isopropylbenzene	14.027	105	3601347	8.975	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	809108	8.161	ppbv	99
64) n-propylbenzene	14.915	120	917903	9.348	ppbv	98
65) tert-Butylbenzene	16.092	119	3191029	9.228	ppbv	100
66) Benzyl Chloride	16.326	91	207947	9.253	ppbv	97
67) sec-Butylbenzene	16.635	105	4596740	9.295	ppbv	100
69) p-Isopropyltoluene	16.995	119	3769016	9.787	ppbv	100
70) n-Butylbenzene	17.883	91	4180235	9.852	ppbv	100
71) 2-Chlorotoluene	14.799	91	2770181	9.071	ppbv	99
72) 4-Ethyltoluene	15.191	105	2930929	9.514	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2641517	9.466	ppbv	98
74) 1,2,4-Trimethylbenzene	16.108	105	2926765	9.197	ppbv	97
75) 1,3-Dichlorobenzene	16.330	146	1630779	9.461	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1600422	9.736	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1617351	9.763	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1146704	9.438	ppbv	99
79) Naphthalene	21.381	128	2308355	12.262	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	345100	7.238	ppbv	96
81) 1,2,4-Trichlorobenzene	21.140	180	1213927	10.469	ppbv	98

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



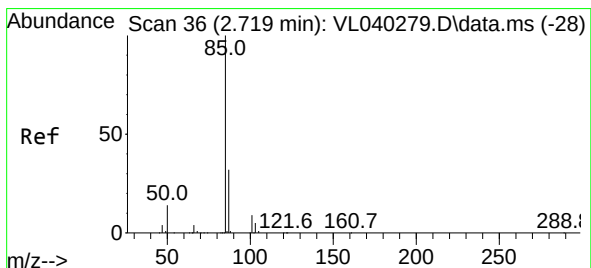
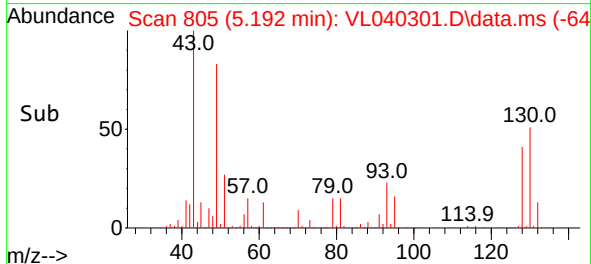
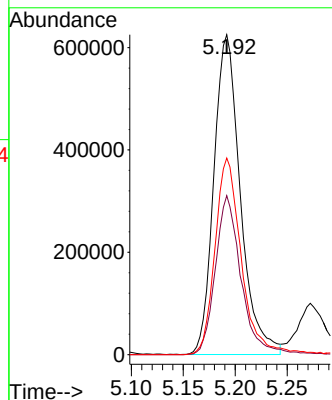
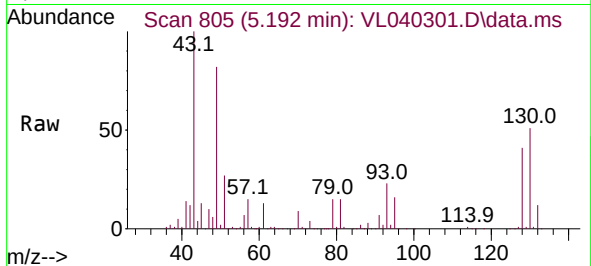
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 110612
Ion Ratio Lower Upper
49 100
128 48.8 22.4 67.3
130 62.0 28.7 86.1

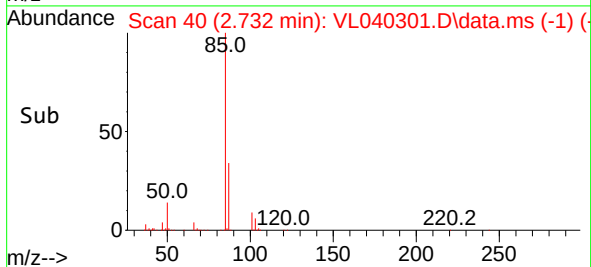
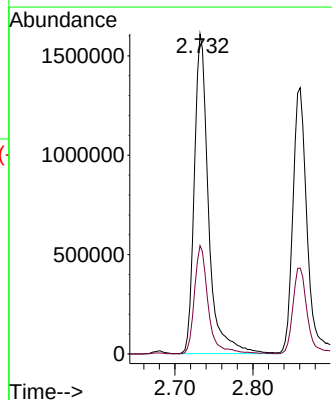
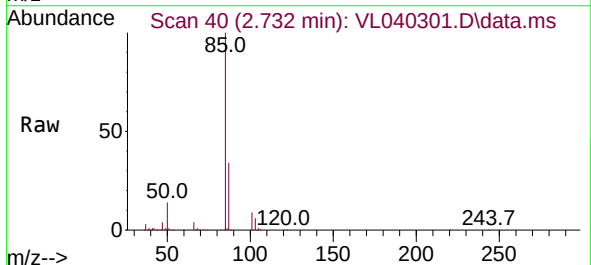
Manual Integrations
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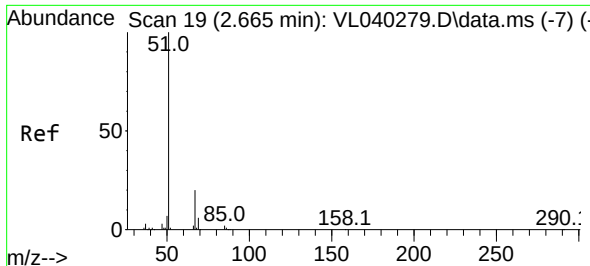
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#2
Dichlorodifluoromethane
Concen: 9.373 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

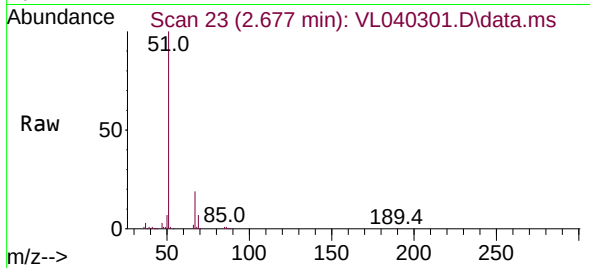
Tgt Ion: 85 Resp: 2034176
Ion Ratio Lower Upper
85 100
87 33.9 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.786 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.012 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

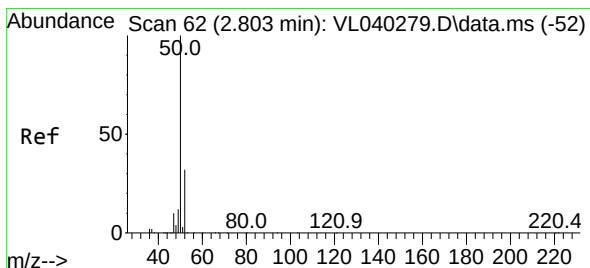
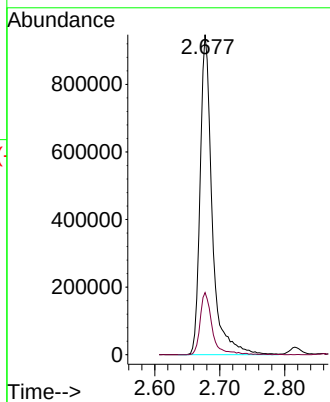
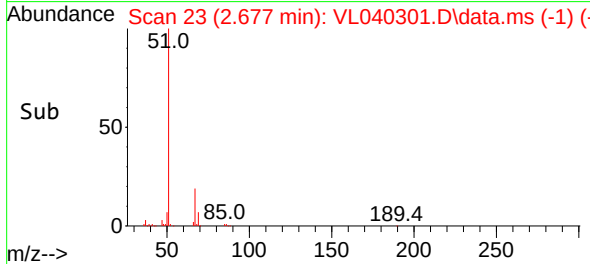
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



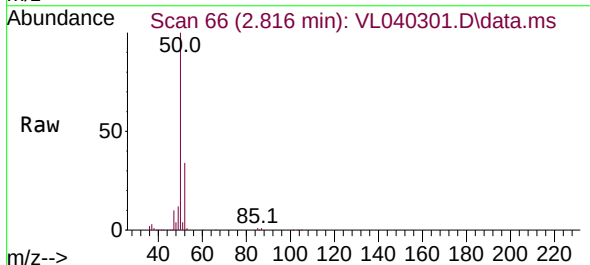
Tgt Ion: 51 Resp: 122210
Ion Ratio Lower Upper
51 100
67 19.5 16.0 24.0

Manual Integrations
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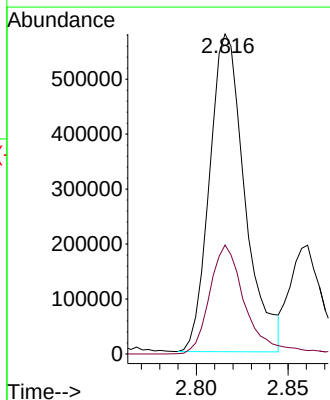
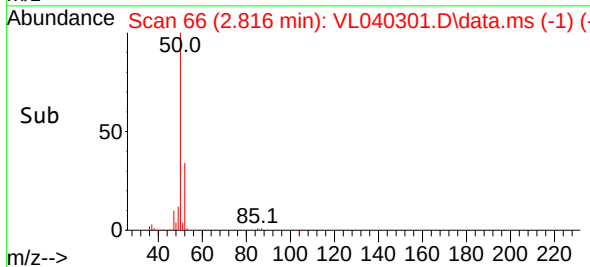
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

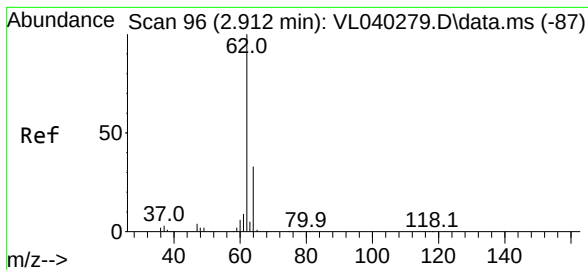


#4
Chloromethane
Concen: 9.022 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



Tgt Ion: 50 Resp: 774915
Ion Ratio Lower Upper
50 100
52 34.2 25.9 38.9





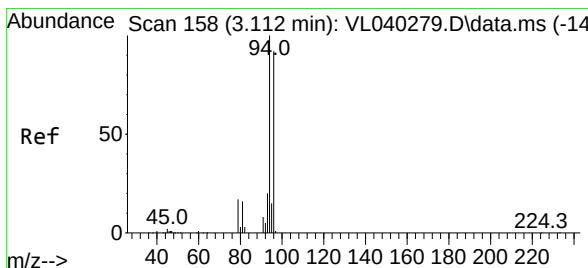
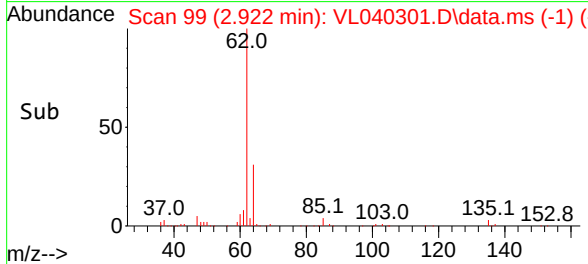
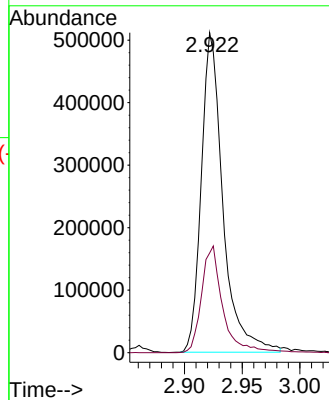
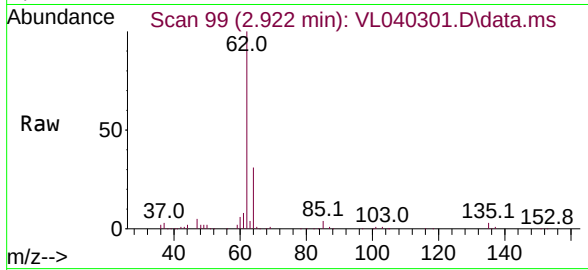
#5
 Vinyl Chloride
 Concen: 9.585 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.010 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 666608
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.4 39.6

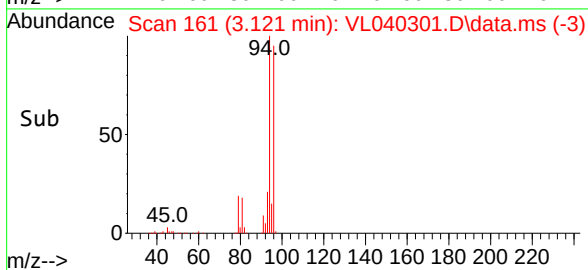
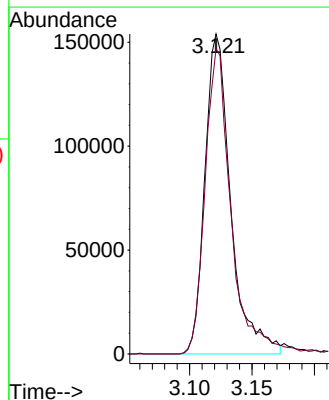
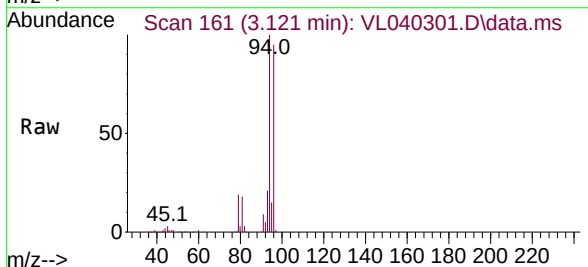
Manual Integrations
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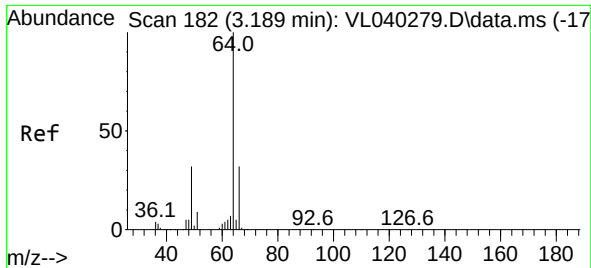
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023



#6
 Bromomethane
 Concen: 9.212 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.009 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18

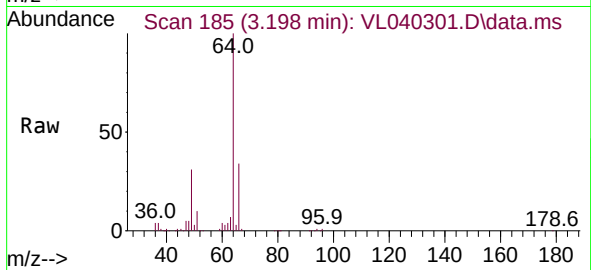
Tgt Ion: 94 Resp: 222168
 Ion Ratio Lower Upper
 94 100
 96 95.5 73.7 110.5





#7
Chloroethane
Concen: 9.063 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

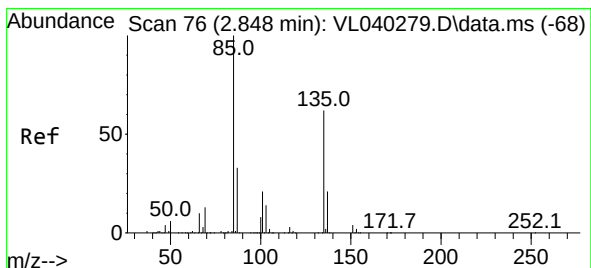
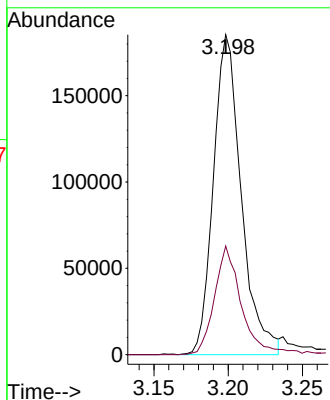
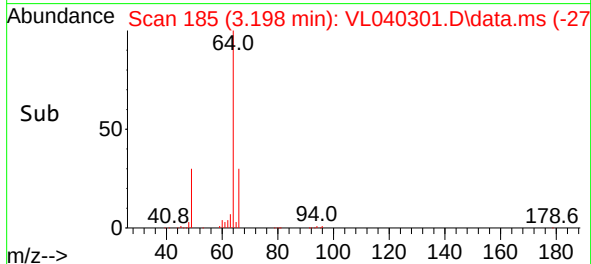
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 241978
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

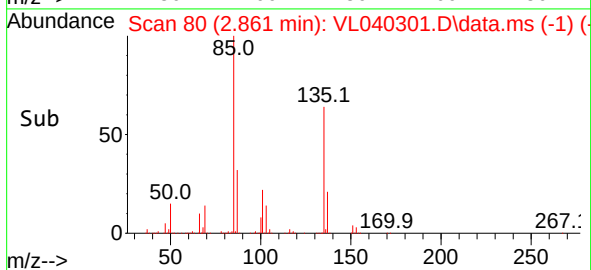
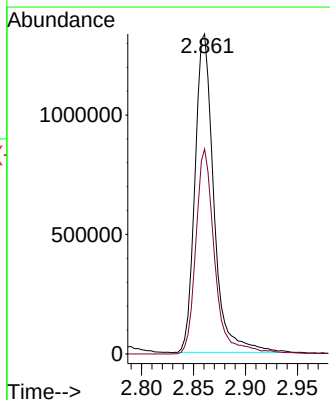
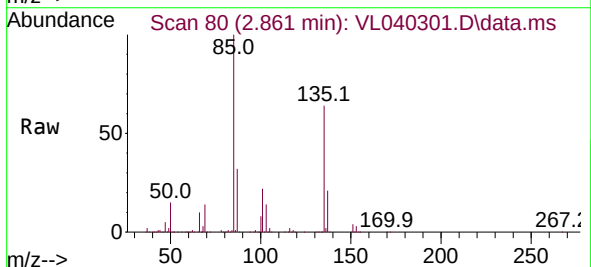
Manual Integrations
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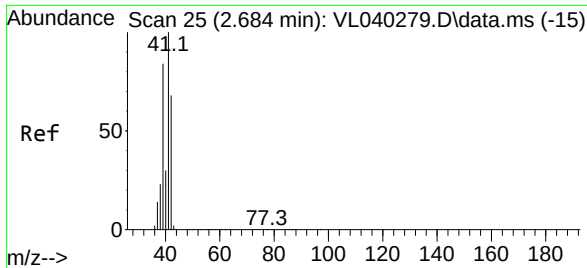
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#8
Dichlorotetrafluoroethane
Concen: 9.099 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

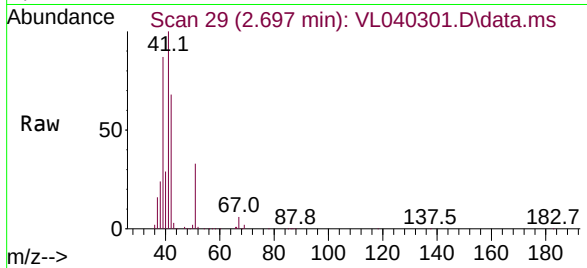
Tgt Ion: 85 Resp: 1690256
Ion Ratio Lower Upper
85 100
135 65.2 52.0 78.0





#9
 Propene
 Concen: 9.464 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. 0.013 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18

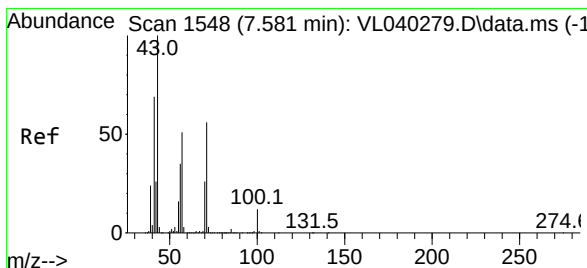
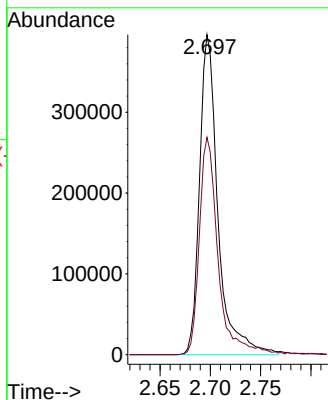
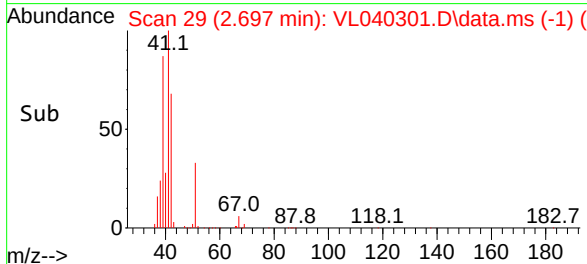
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



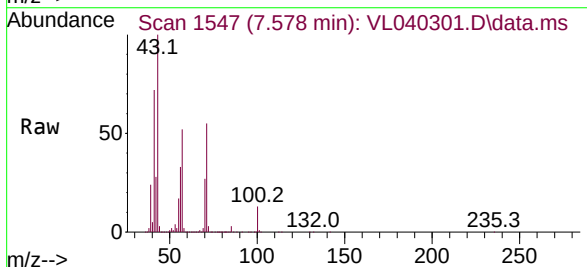
Tgt Ion: 41 Resp: 504284
 Ion Ratio Lower Upper
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 42 69.6 59.0 88.4

Manual Integrations
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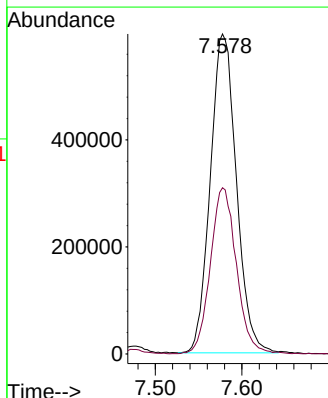
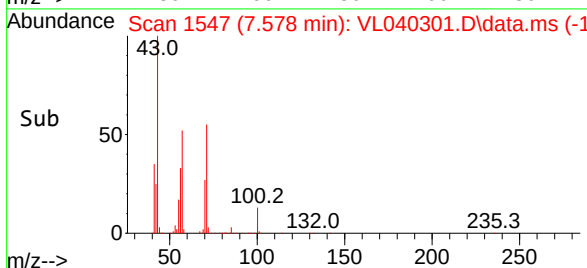
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

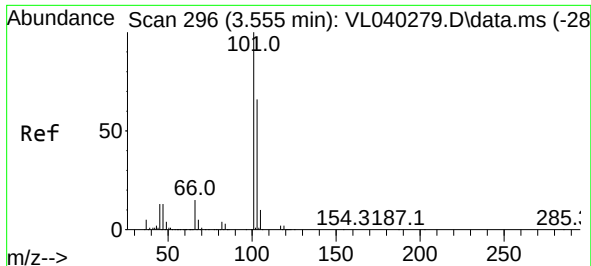


#10
 Heptane
 Concen: 9.736 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.003 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18



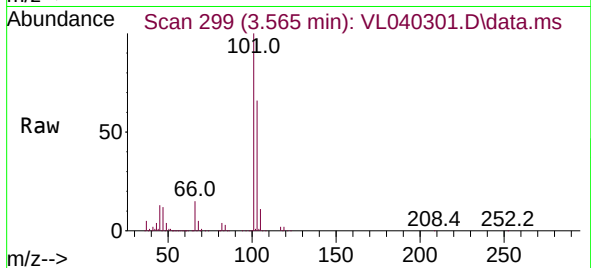
Tgt Ion: 43 Resp: 1247825
 Ion Ratio Lower Upper
 43 100
 57 52.3 41.7 62.5





#11
Trichlorofluoromethane
Concen: 8.881 ppbv
RT: 3.565 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

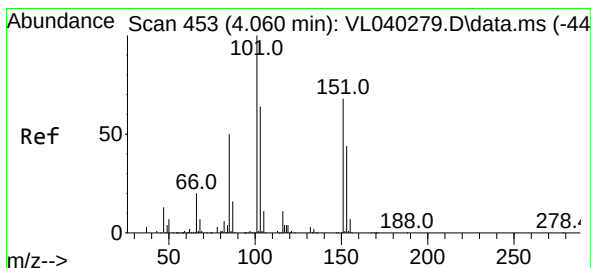
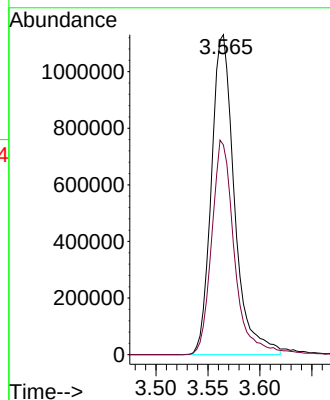
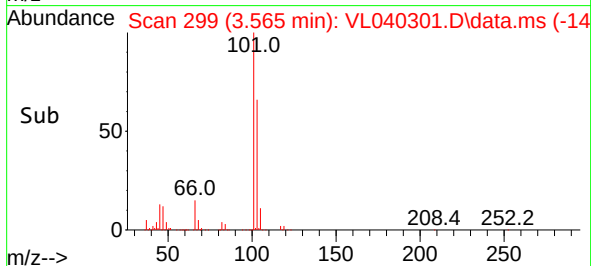
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



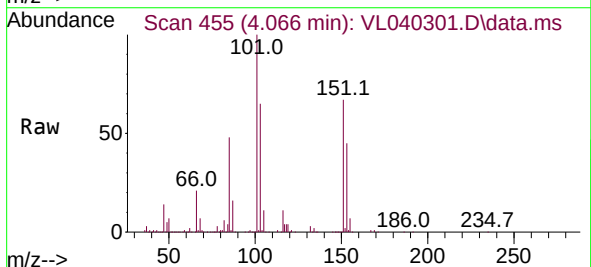
Tgt Ion:101 Resp: 1746283
Ion Ratio Lower Upper
101 100
103 65.6 53.1 79.7

Manual Integrations
APPROVED

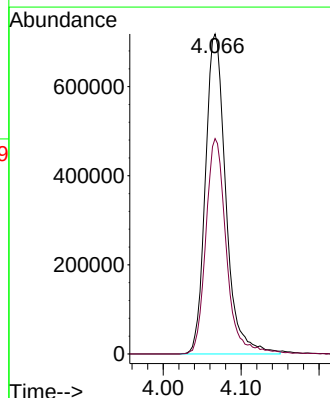
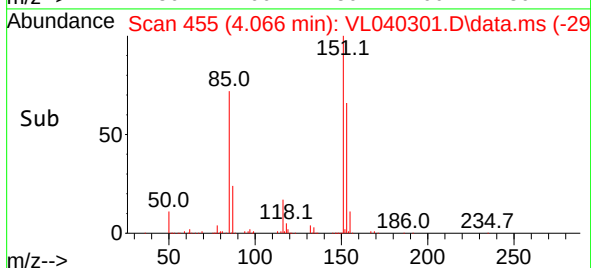
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

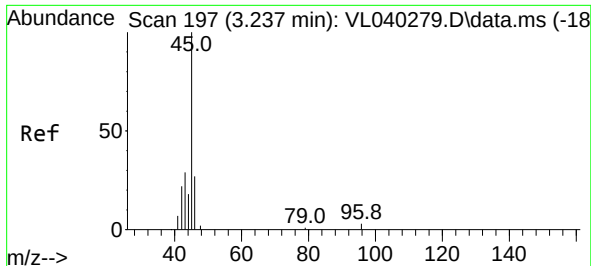


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.856 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



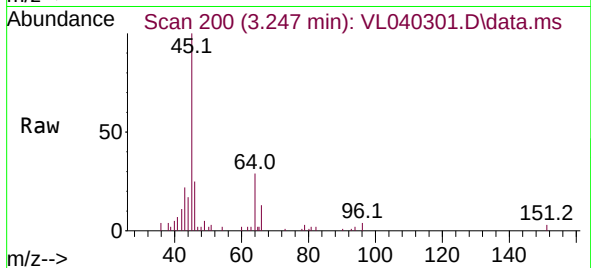
Tgt Ion:101 Resp: 1307838
Ion Ratio Lower Upper
101 100
151 67.9 53.2 79.8





#13
Ethanol
Concen: 7.759 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

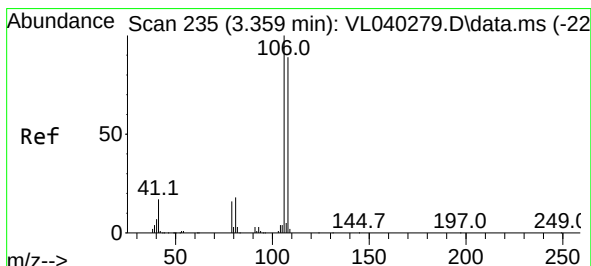
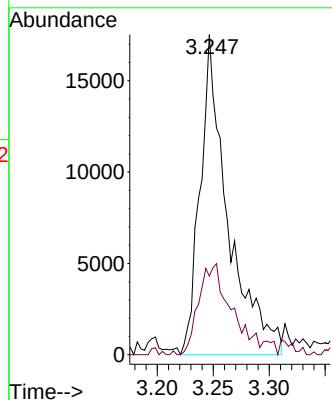
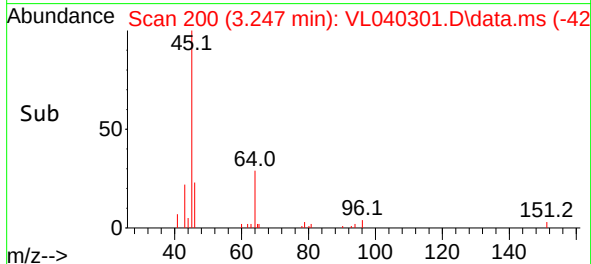
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



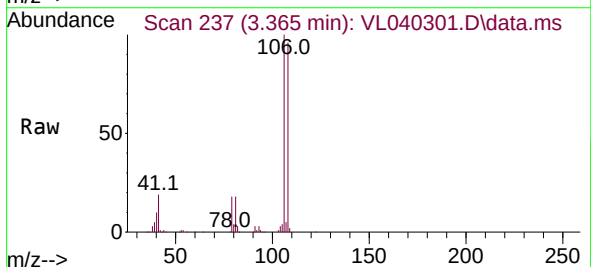
Tgt Ion: 45 Resp: 3032
Ion Ratio Lower Upper
45 100
46 37.1 15.0 60.2

Manual Integrations
APPROVED

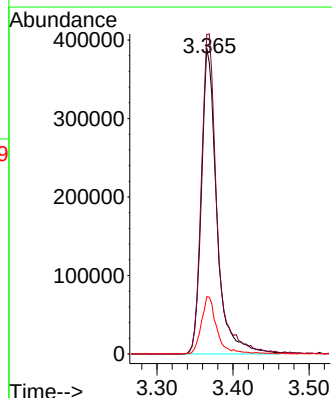
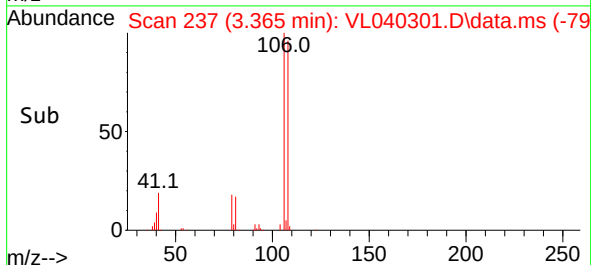
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

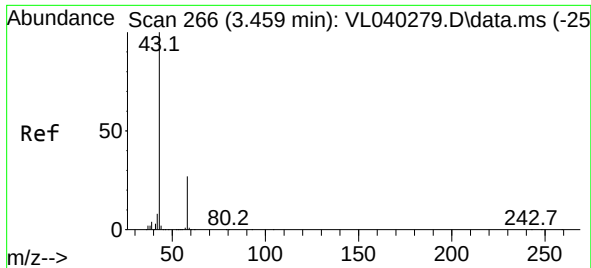


#14
Bromoethene
Concen: 9.934 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



Tgt Ion:108 Resp: 547240
Ion Ratio Lower Upper
108 100
106 107.0 85.8 128.8
79 19.3 15.8 23.6





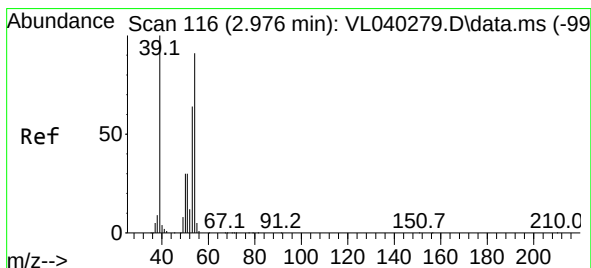
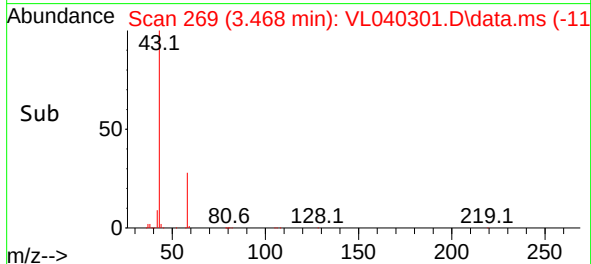
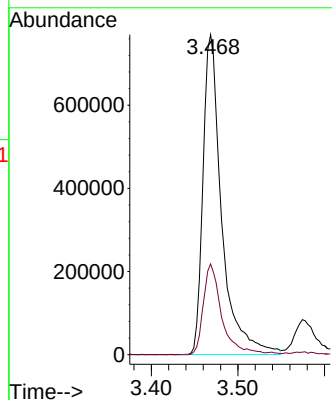
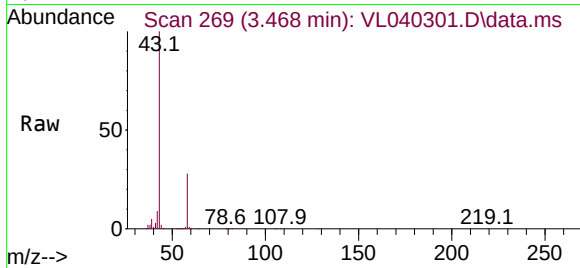
#15
Acetone
Concen: 8.567 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1153650
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.8

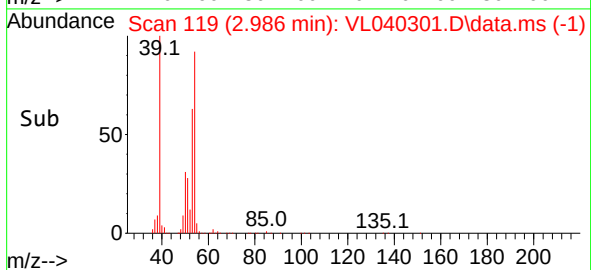
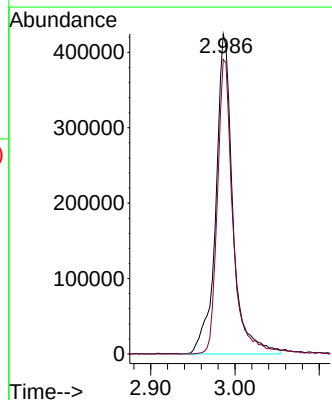
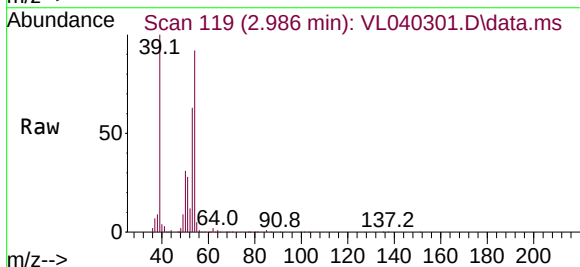
Manual Integrations
APPROVED

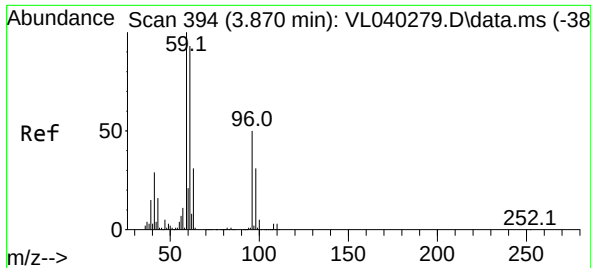
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#16
1,3-Butadiene
Concen: 9.723 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

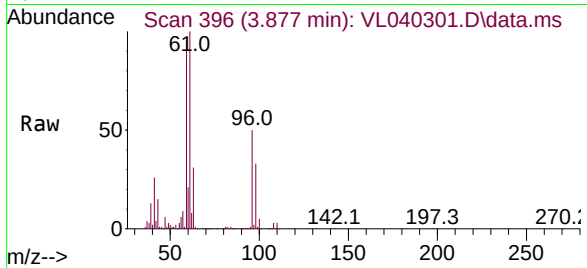
Tgt Ion: 39 Resp: 595146
Ion Ratio Lower Upper
39 100
54 84.7 68.4 102.6





#17
tert-Butyl alcohol
Concen: 9.333 ppbv
RT: 3.877 min Scan# 394
Delta R.T. 0.007 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

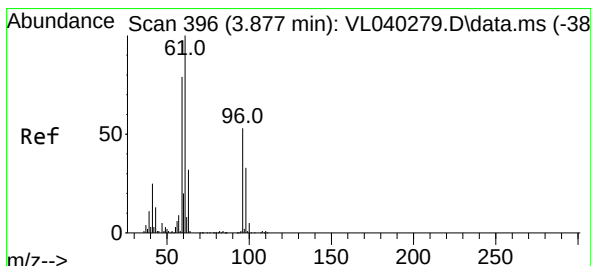
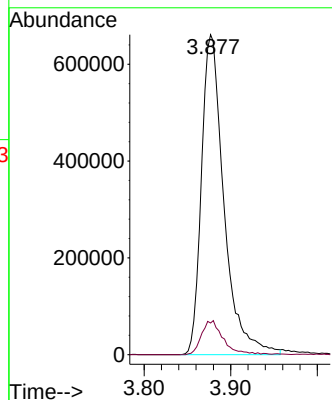
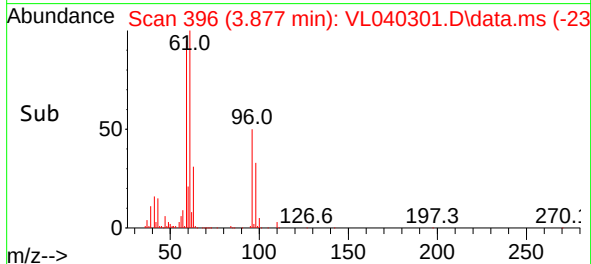
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



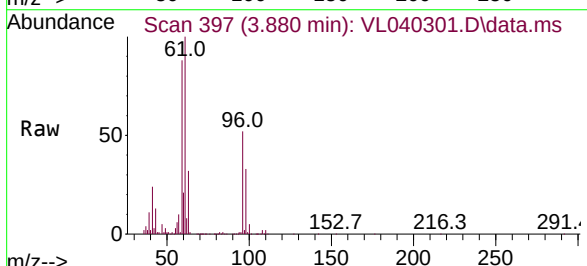
Tgt Ion: 59 Resp: 1194468
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

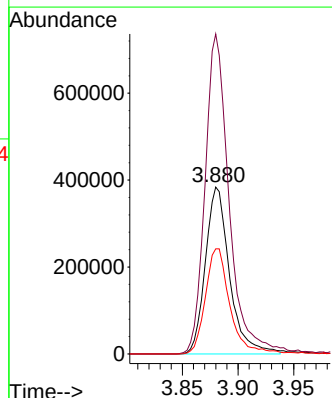
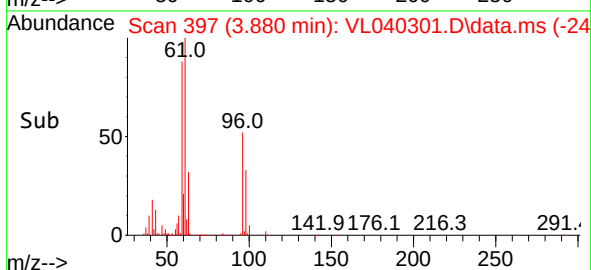
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

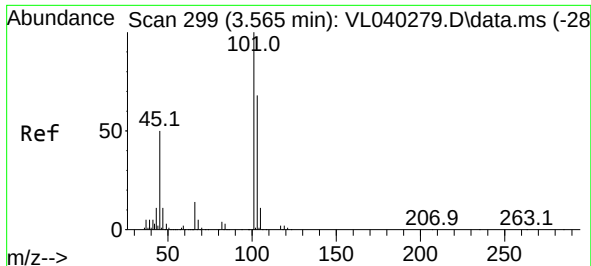


#18
1,1-Dichloroethene
Concen: 9.181 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



Tgt Ion: 96 Resp: 581653
Ion Ratio Lower Upper
96 100
61 191.6 150.6 226.0
98 63.1 50.3 75.5





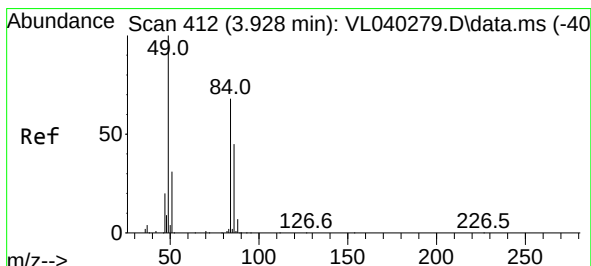
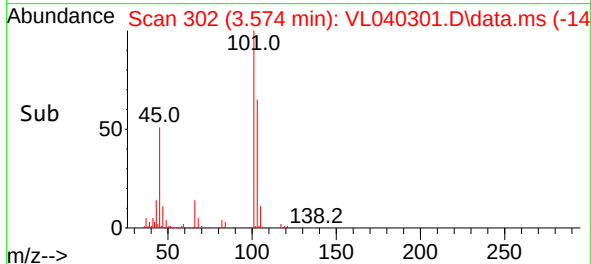
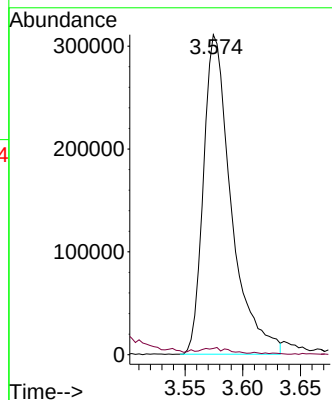
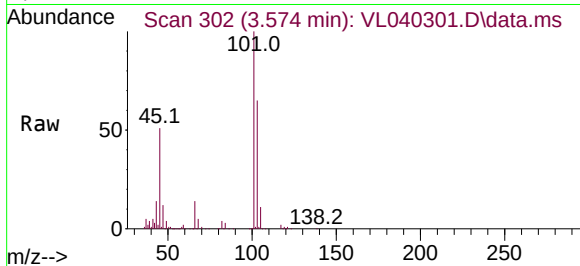
#19
Isopropyl Alcohol
Concen: 8.067 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 52039
Ion Ratio Lower Upper
45 100
58 3.1 2.7 4.1

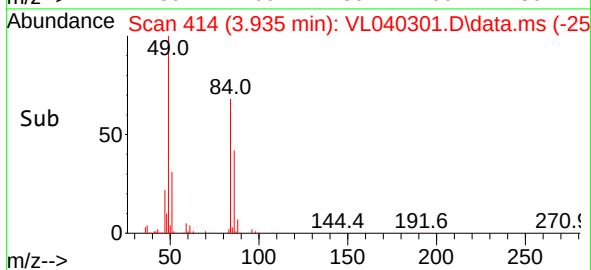
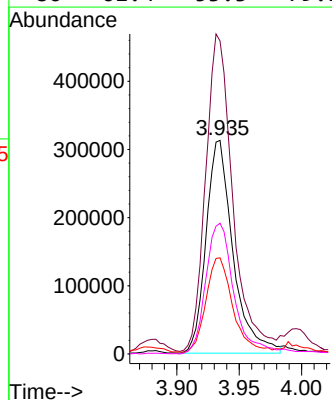
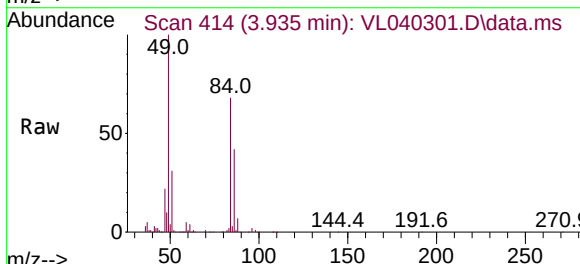
Manual Integrations
APPROVED

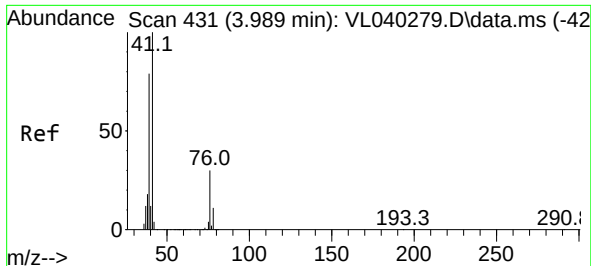
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#20
Methylene Chloride
Concen: 8.319 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.007 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion: 84 Resp: 471265
Ion Ratio Lower Upper
84 100
49 145.7 117.5 176.3
51 44.2 36.9 55.3
86 61.4 53.3 79.9





#21

Allyl Chloride

Concen: 9.516 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040301.D

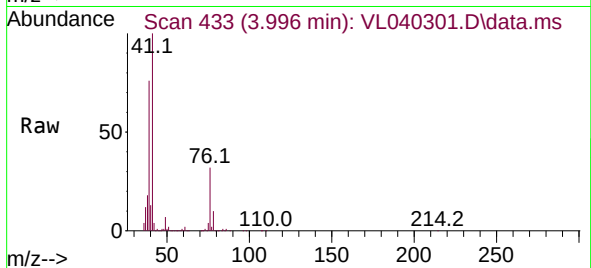
Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

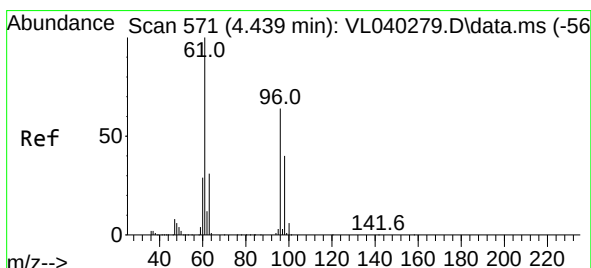
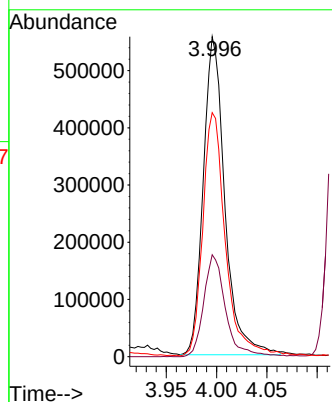
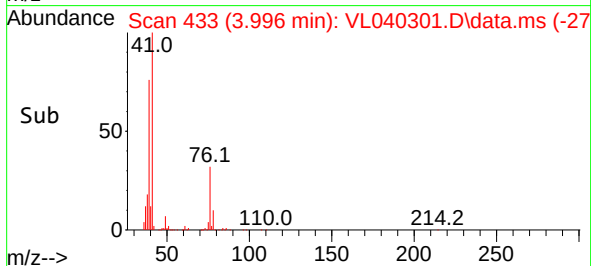


Tgt Ion: 41	Resp: 830032
Ion Ratio	Lower Upper
41	100
76	32.3 25.4 38.0
39	80.2 65.4 98.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#22

trans-1,2-Dichloroethene

Concen: 9.354 ppbv

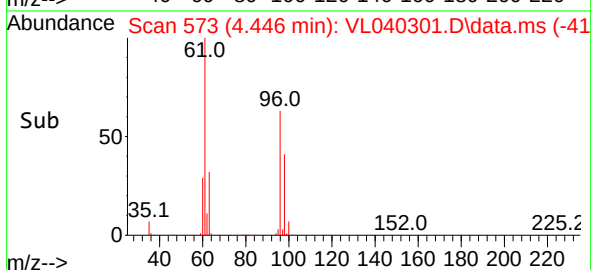
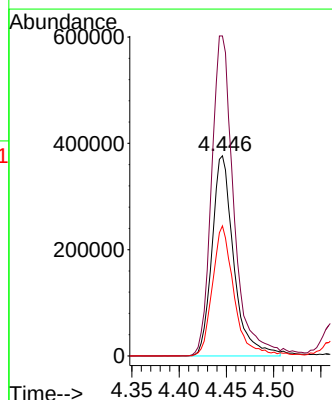
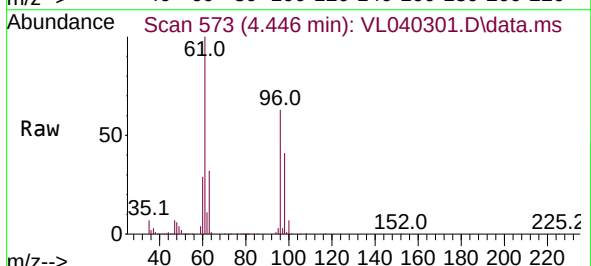
RT: 4.446 min Scan# 573

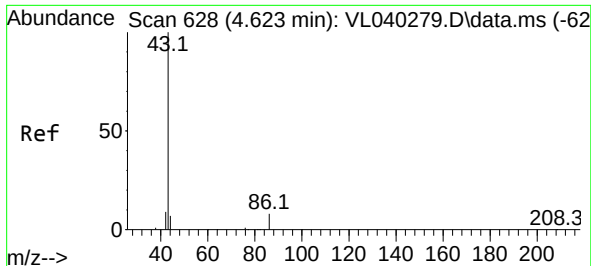
Delta R.T. 0.007 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

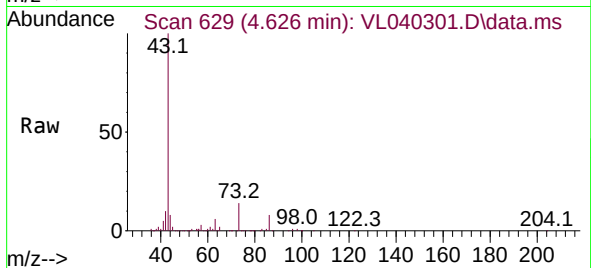
Tgt Ion: 96	Resp: 603136
Ion Ratio	Lower Upper
96	100
61	159.7 125.4 188.2
98	64.9 49.8 74.6





#23
 Vinyl Acetate
 Concen: 10.647 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18

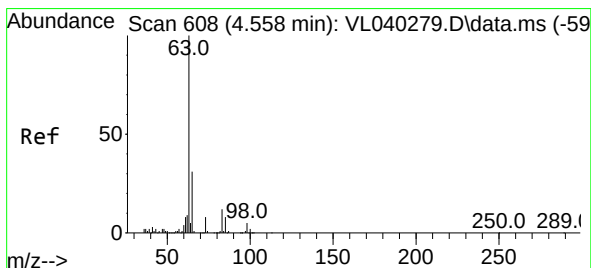
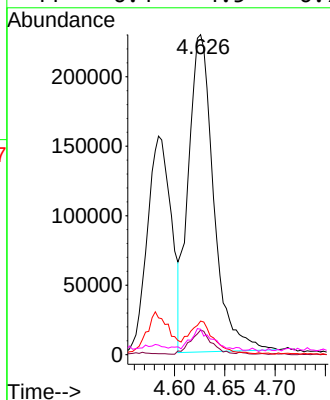
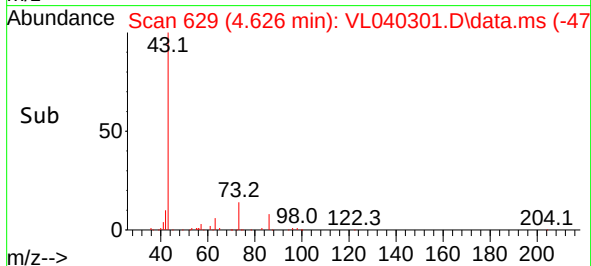
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



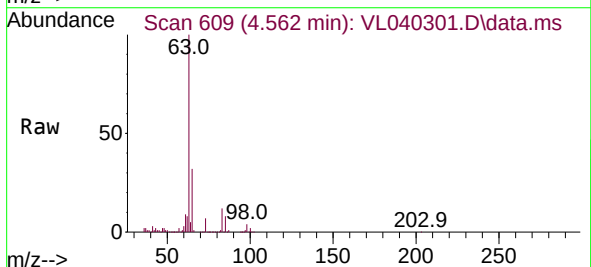
Tgt Ion: 43 Resp: 39888
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.0 7.4
 42 10.1 9.1 13.7
 44 6.4 4.5 6.7

Manual Integrations
 APPROVED

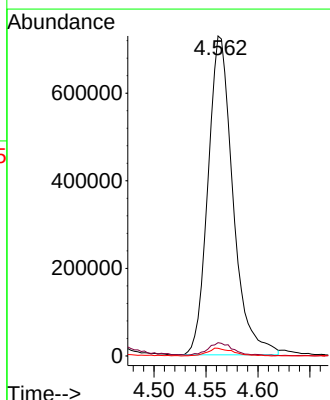
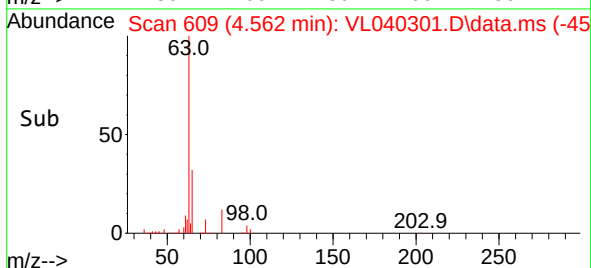
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

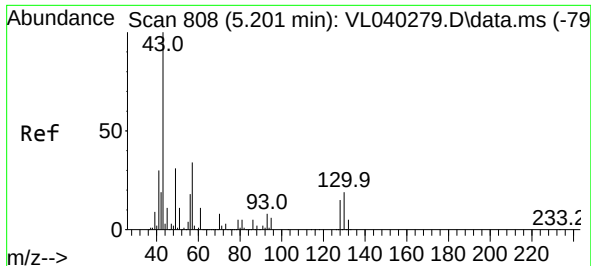


#24
 1,1-Dichloroethane
 Concen: 9.094 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.004 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18



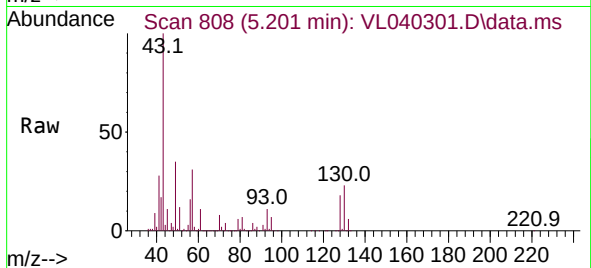
Tgt Ion: 63 Resp: 1215251
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.4 7.2
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.288 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

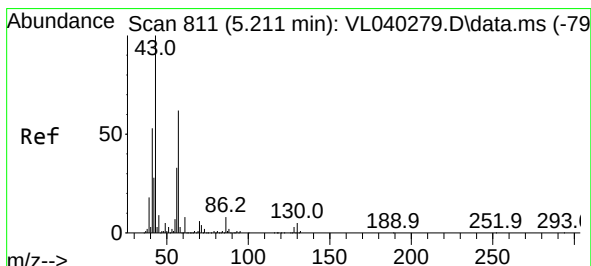
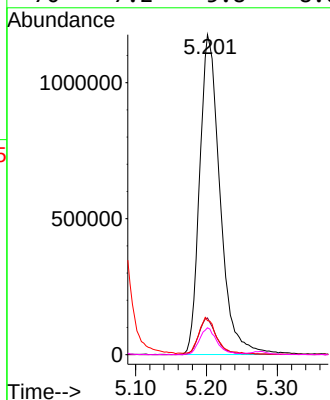
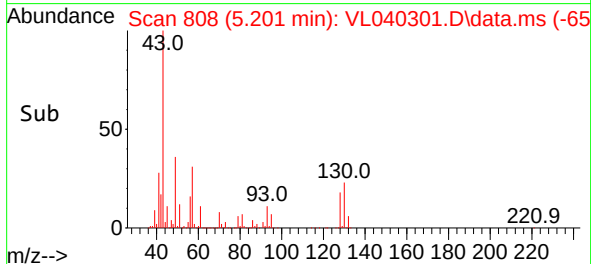
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



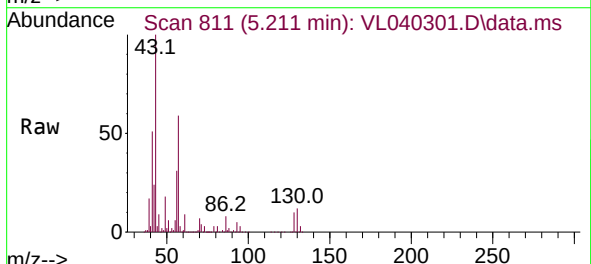
Tgt Ion: 43 Resp: 234172
Ion Ratio Lower Upper
43 100
45 10.3 8.6 12.8
61 10.6 8.4 12.6
70 7.2 5.8 8.6

Manual Integrations
APPROVED

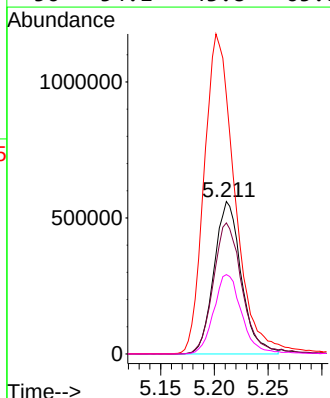
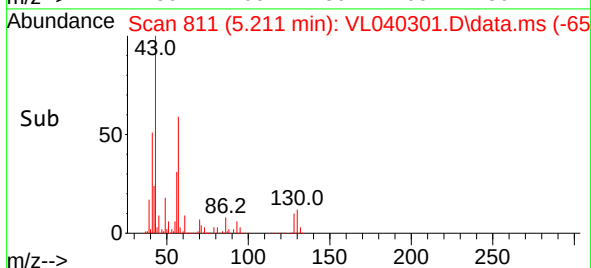
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

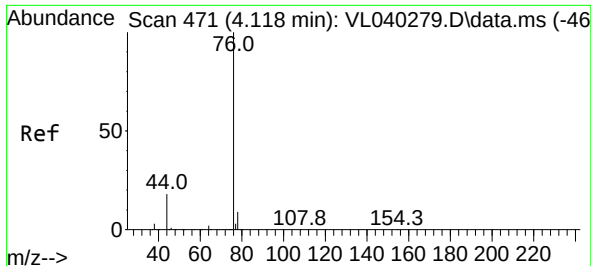


#26
Hexane
Concen: 9.540 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



Tgt Ion: 57 Resp: 987230
Ion Ratio Lower Upper
57 100
41 92.7 73.5 110.3
43 238.8 196.3 294.5
56 54.1 43.8 65.8





#27

Carbon Disulfide

Concen: 9.990 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 144404

Ion Ratio Lower Upper

76 100

44 18.3 15.2 22.8

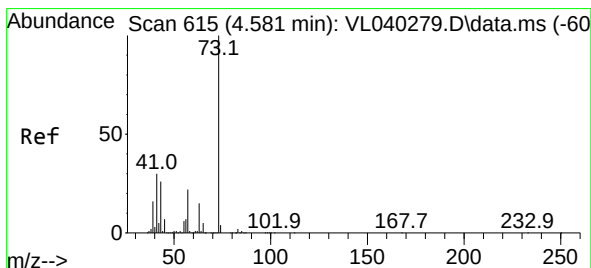
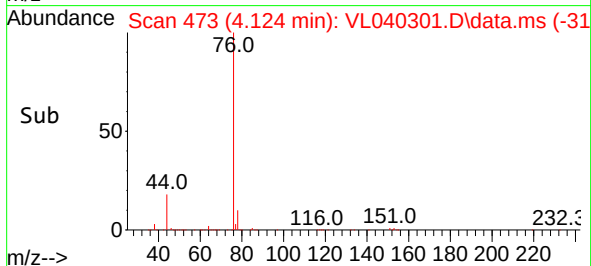
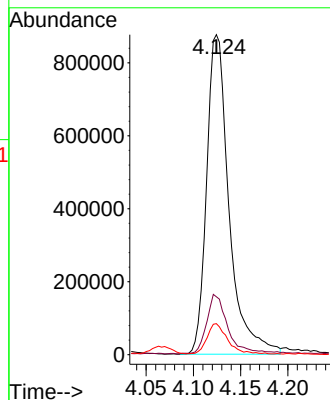
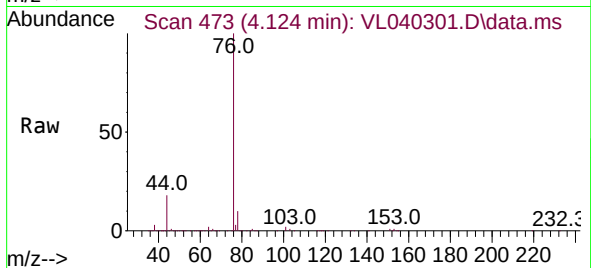
78 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#28

Methyl tert-Butyl Ether

Concen: 9.454 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL040301.D

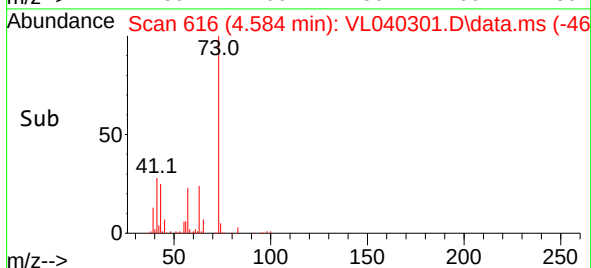
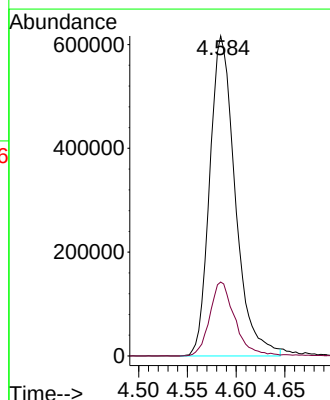
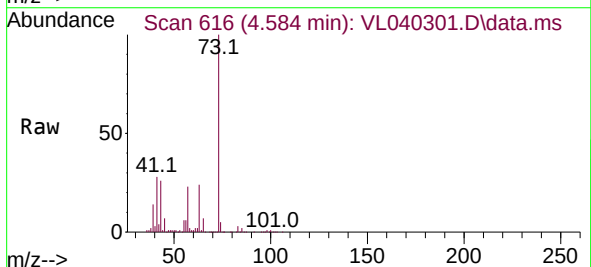
Acq: 4 Apr 2023 9:18

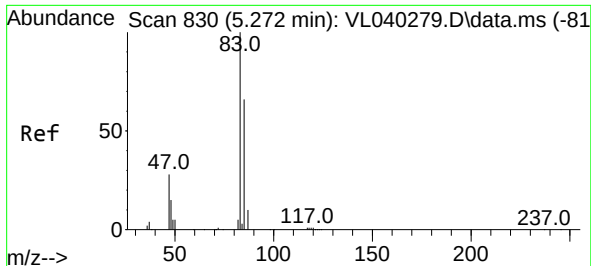
Tgt Ion: 73 Resp: 1123321

Ion Ratio Lower Upper

73 100

57 23.1 18.4 27.6





#29

Chloroform

Concen: 9.475 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040301.D

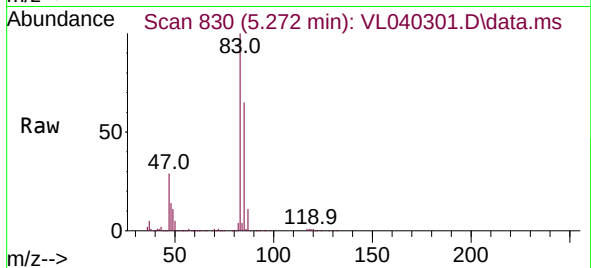
Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 83 Resp: 173142

Ion Ratio Lower Upper

83 100

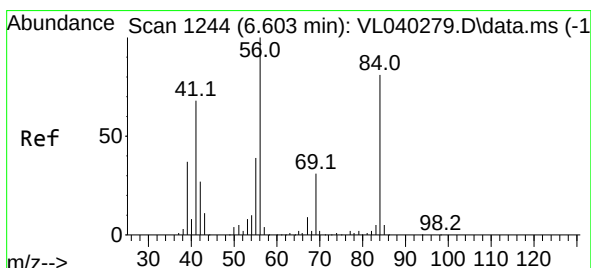
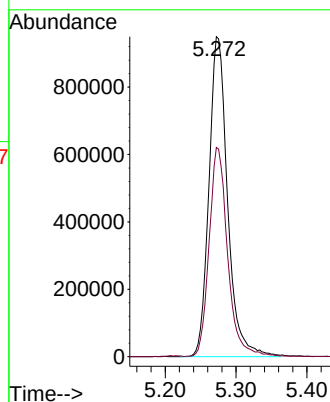
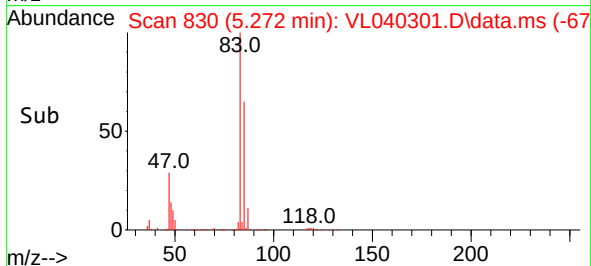
85 65.2 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#30

Cyclohexane

Concen: 10.201 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

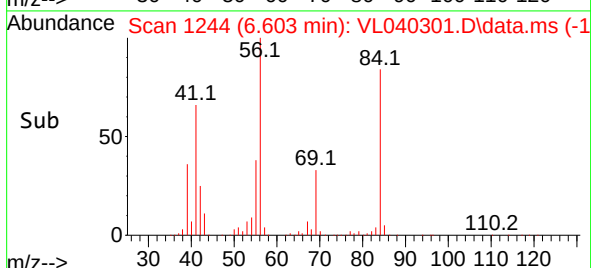
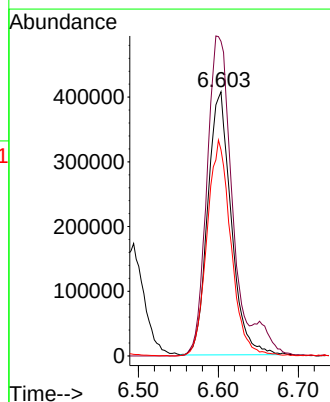
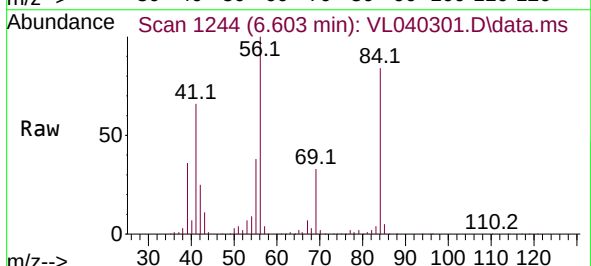
Tgt Ion: 84 Resp: 831874

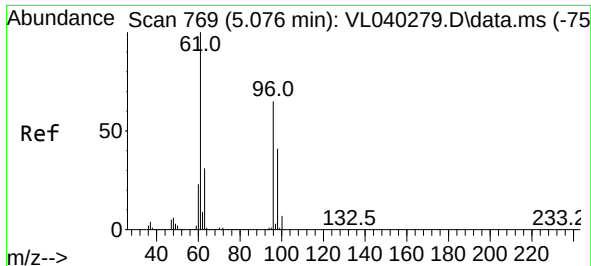
Ion Ratio Lower Upper

84 100

56 136.0 109.0 163.4

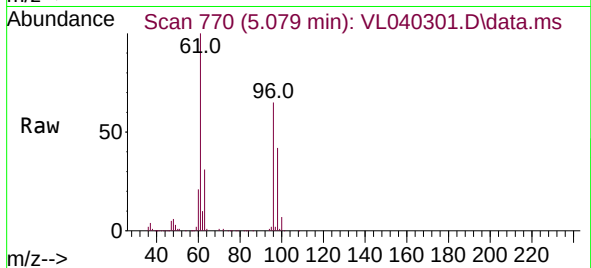
41 83.8 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 10.245 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18

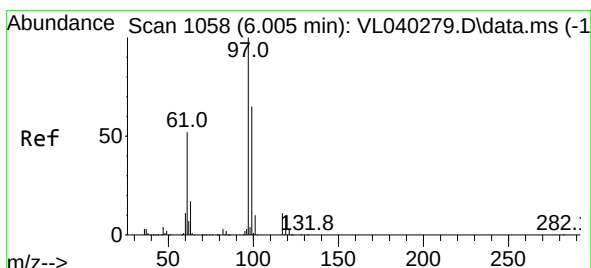
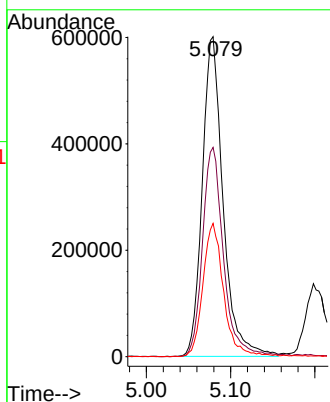
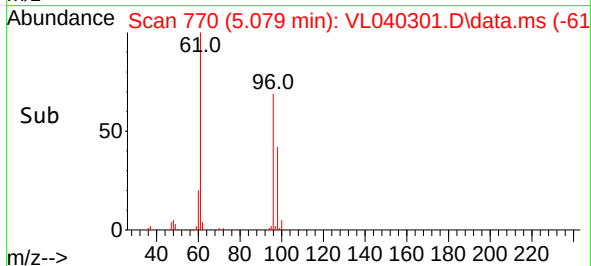
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



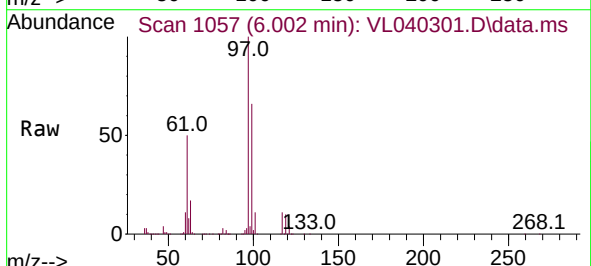
Tgt Ion: 61 Resp: 1032489
 Ion Ratio Lower Upper
 61 100
 96 65.4 51.8 77.8
 98 41.6 32.5 48.7

Manual Integrations
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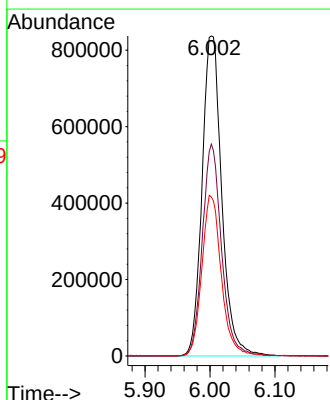
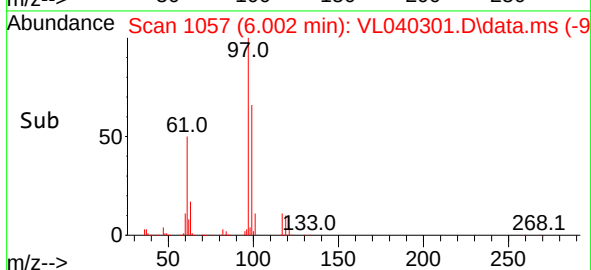
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

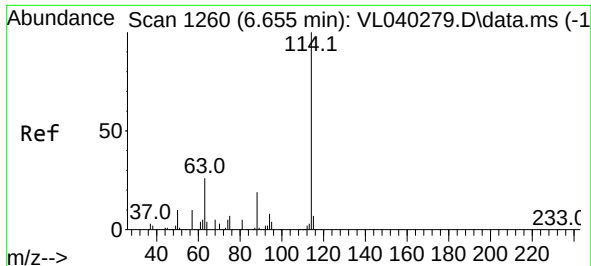


#32
 1,1,1-Trichloroethane
 Concen: 10.089 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18



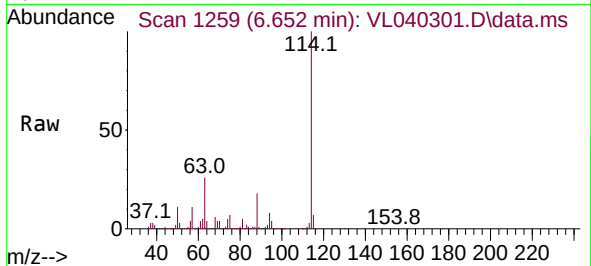
Tgt Ion: 97 Resp: 1766392
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.2 78.2
 61 49.8 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

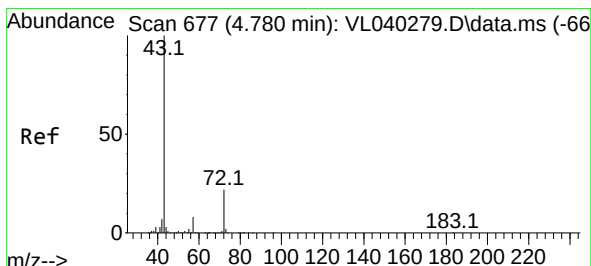
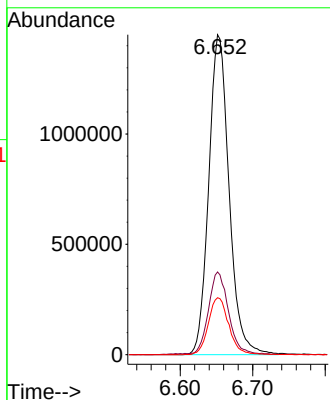
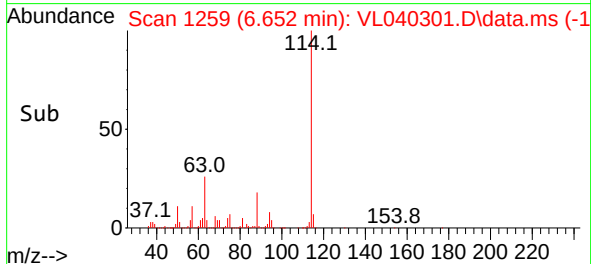
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 282127
Ion Ratio Lower Upper
114 100
63 26.2 21.2 31.8
88 17.9 14.5 21.7

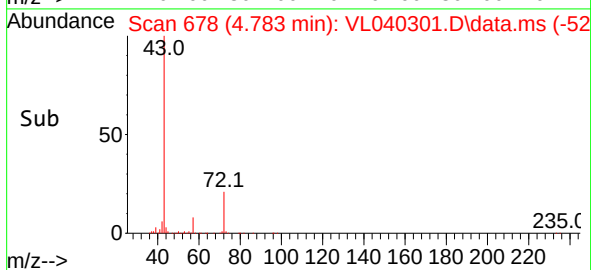
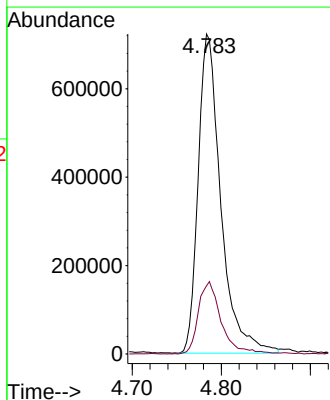
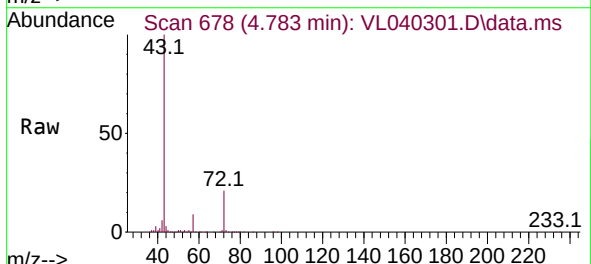
Manual Integrations
APPROVED

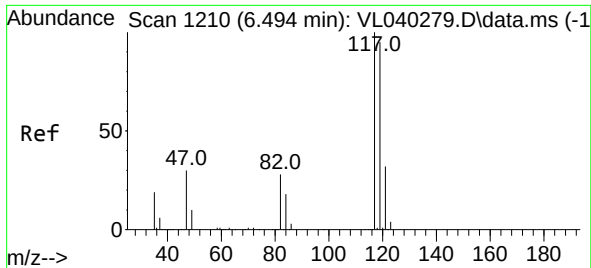
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#34
2-Butanone
Concen: 9.174 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

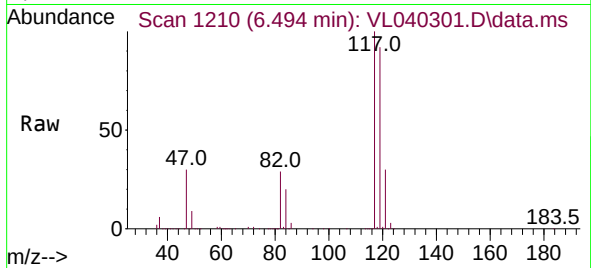
Tgt Ion: 43 Resp: 1277398
Ion Ratio Lower Upper
43 100
72 23.2 18.3 27.5





#35
Carbon Tetrachloride
Concen: 10.223 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

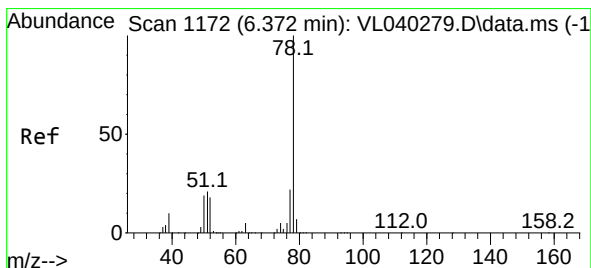
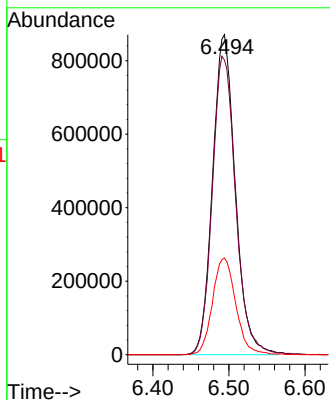
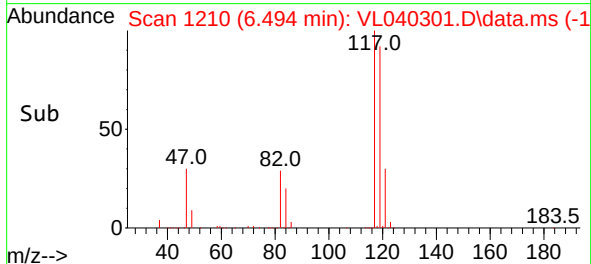
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1809980
Ion Ratio Lower Upper
117 100
119 92.1 76.4 114.6
121 30.2 25.6 38.4

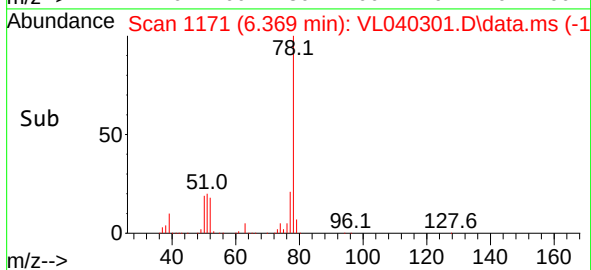
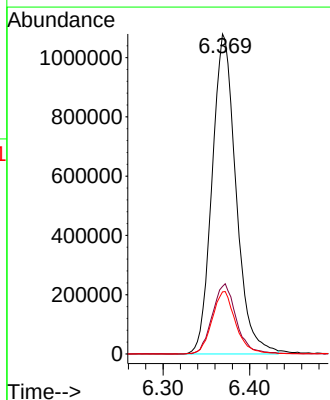
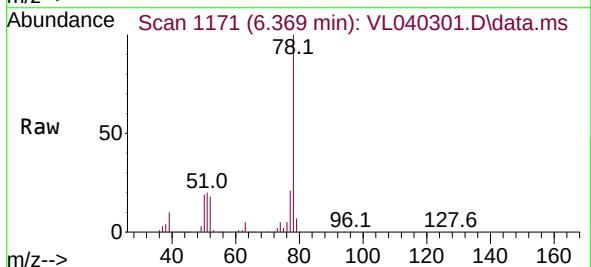
Manual Integrations
APPROVED

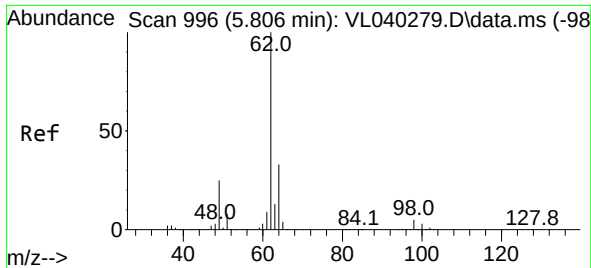
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#36
Benzene
Concen: 9.637 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion: 78 Resp: 2071940
Ion Ratio Lower Upper
78 100
77 21.1 17.8 26.8
50 19.4 15.4 23.2





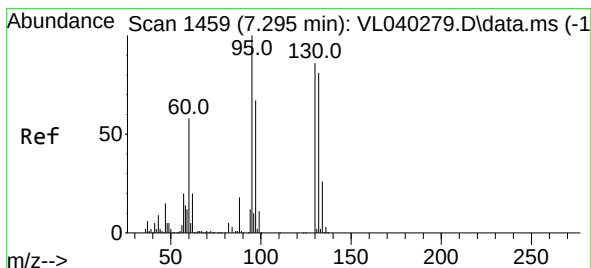
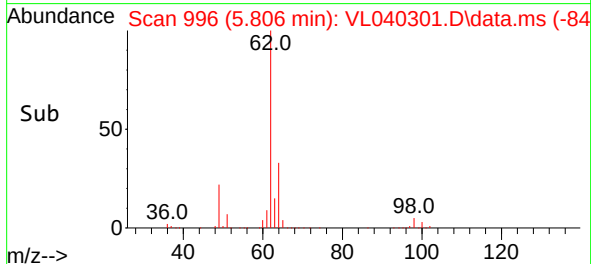
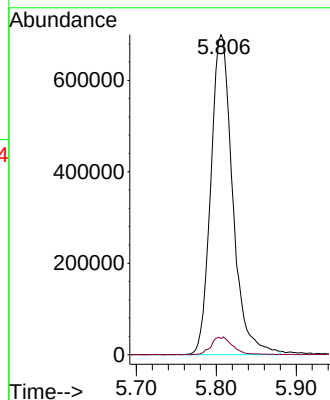
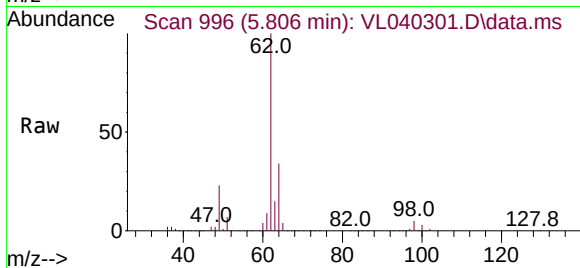
#37
1,2-Dichloroethane
Concen: 9.472 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1325504
Ion Ratio Lower Upper
62 100
98 5.5 4.3 6.5

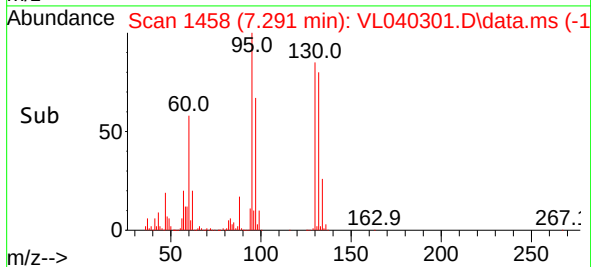
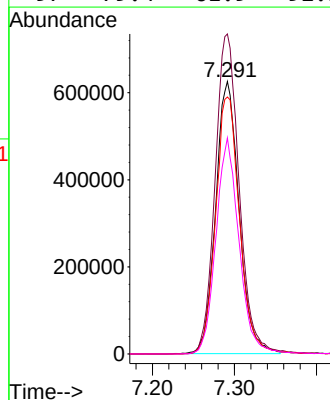
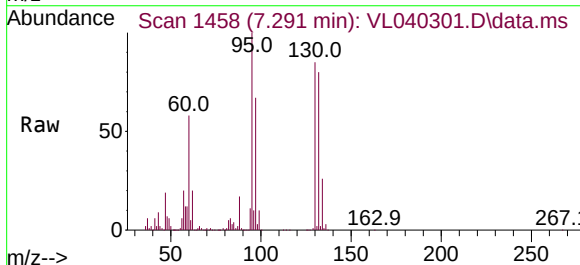
Manual Integrations
APPROVED

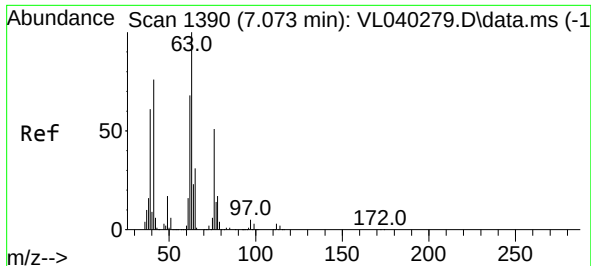
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#38
Trichloroethene
Concen: 10.565 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.004 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion:130 Resp: 1241244
Ion Ratio Lower Upper
130 100
95 117.6 93.0 139.4
132 94.4 75.3 112.9
97 79.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.497 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 80114

Ion Ratio Lower Upper

63 100

41 73.4 60.8 91.2

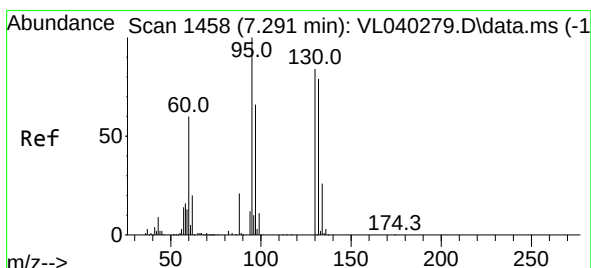
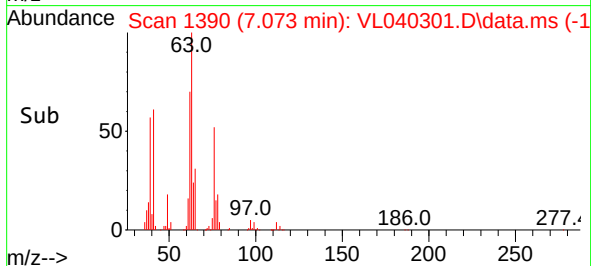
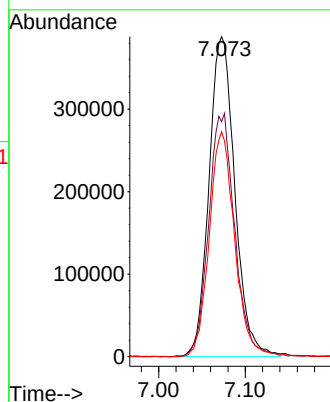
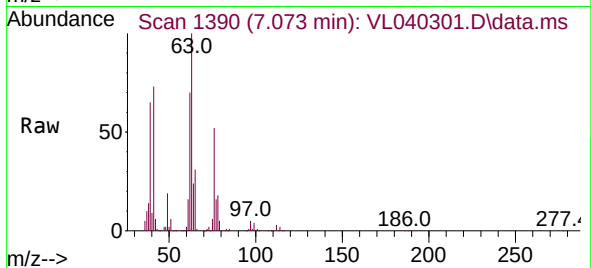
62 70.2 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#40

1,4-Dioxane

Concen: 8.886 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

Tgt Ion: 88 Resp: 296545

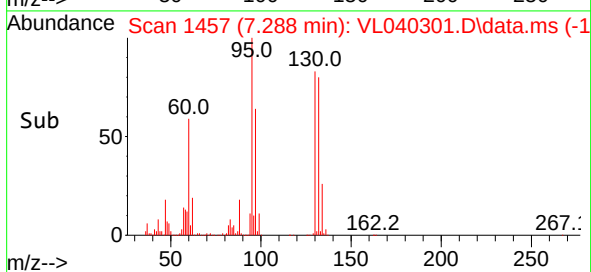
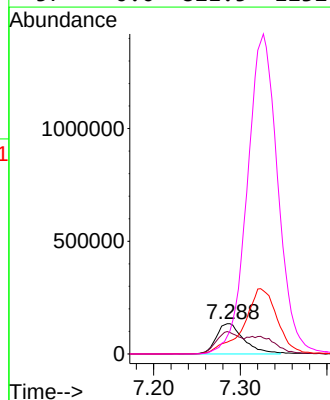
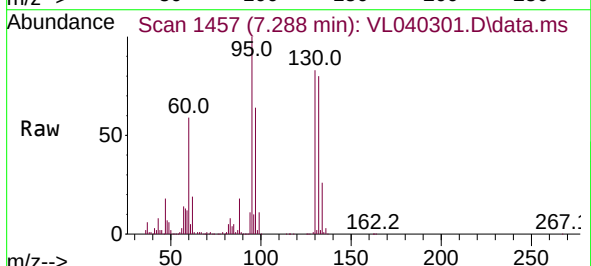
Ion Ratio Lower Upper

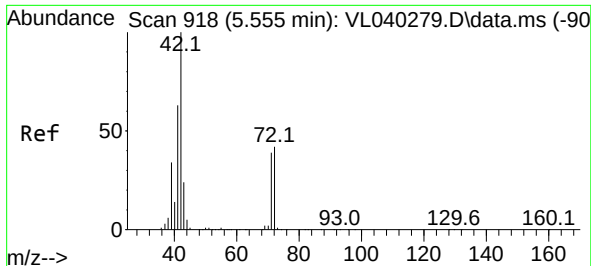
88 100

58 125.3 96.0 144.0

43 0.0 187.6 281.4#

57 0.0 821.5 1232.3#





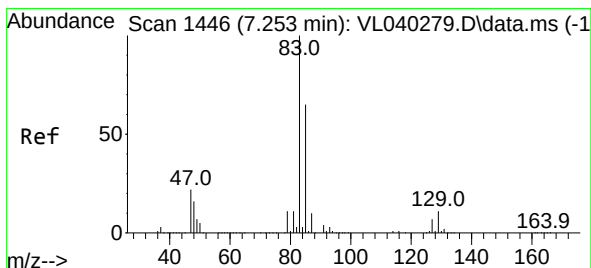
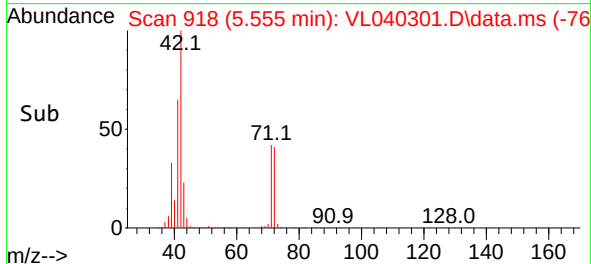
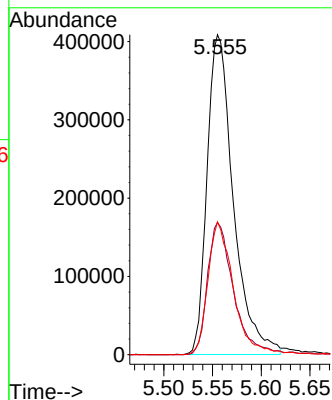
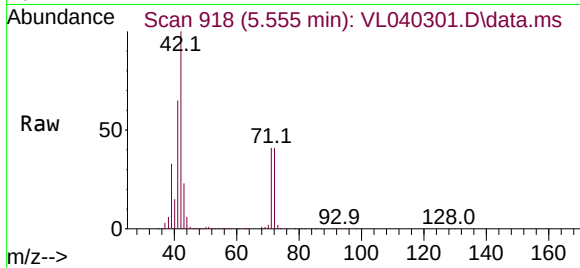
#41
Tetrahydrofuran
Concen: 9.545 ppbv
RT: 5.555 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 76701
Ion Ratio Lower Upper
42 100
72 41.4 32.6 49.0
71 40.9 31.0 46.4

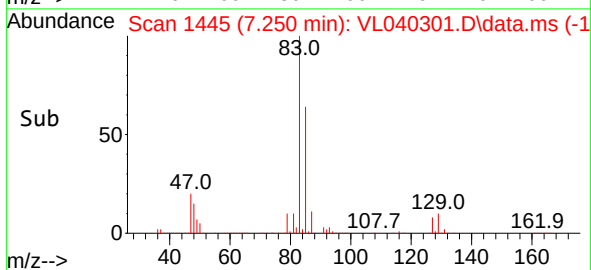
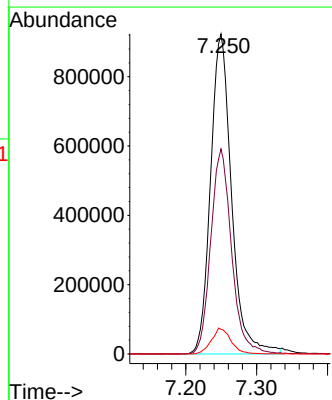
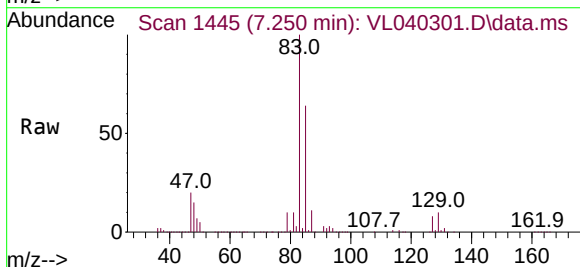
Manual Integrations
APPROVED

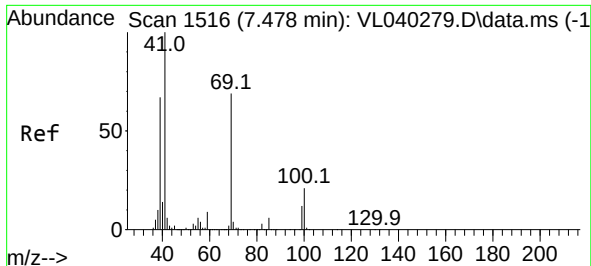
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#42
Bromodichloromethane
Concen: 9.924 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

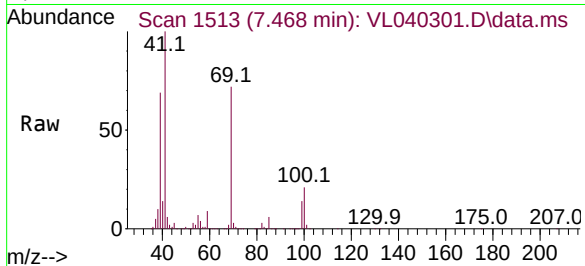
Tgt Ion: 83 Resp: 1897853
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1
127 7.7 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.290 ppbv
RT: 7.468 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

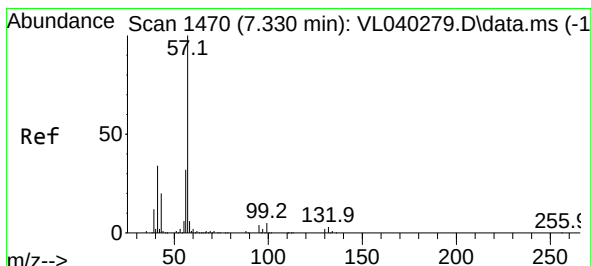
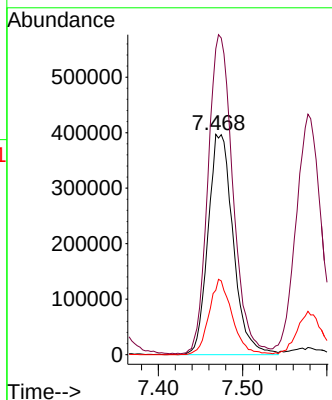
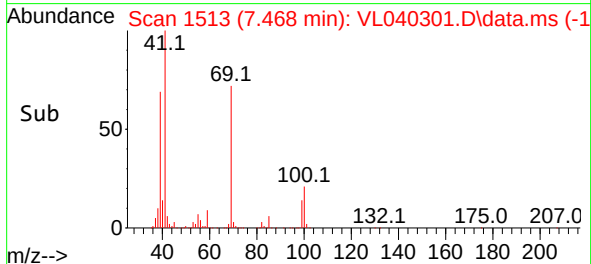
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



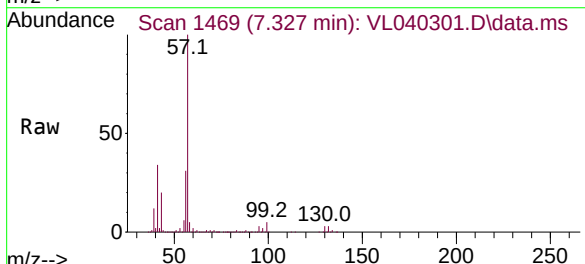
Tgt Ion: 69 Resp: 82214
Ion Ratio Lower Upper
69 100
41 144.5 116.9 175.3
100 31.7 24.2 36.4

Manual Integrations
APPROVED

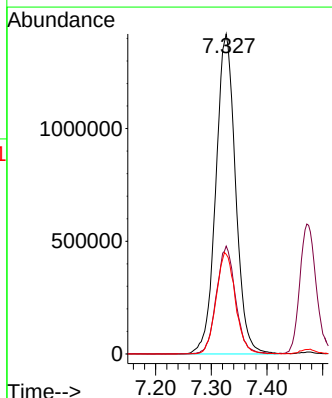
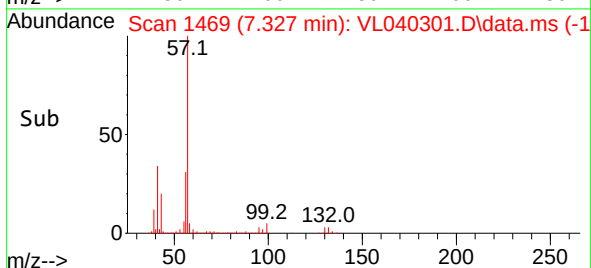
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

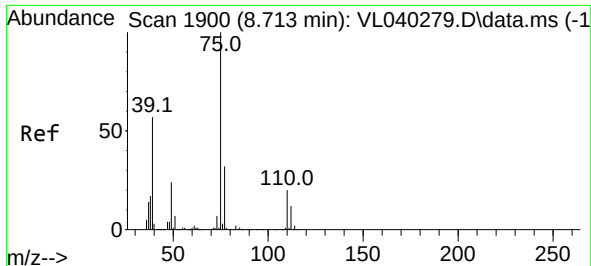


#44
2,2,4-Trimethylpentane
Concen: 9.725 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



Tgt Ion: 57 Resp: 3486037
Ion Ratio Lower Upper
57 100
41 32.8 26.8 40.2
56 31.1 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 11.157 ppbv

RT: 8.709 min Scan# 1899

Delta R.T. -0.004 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 777083

Ion Ratio Lower Upper

75 100

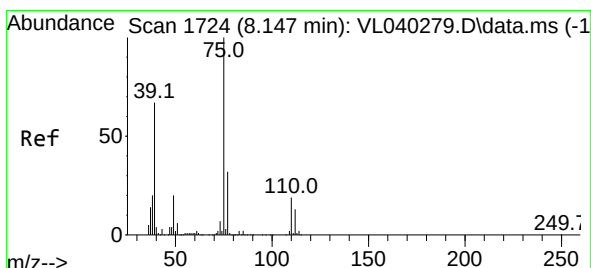
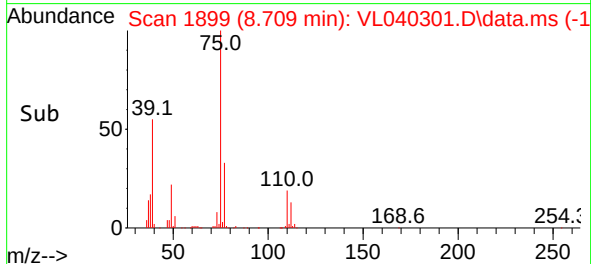
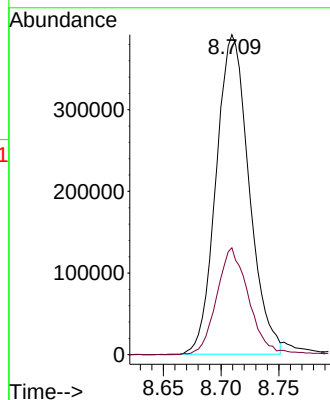
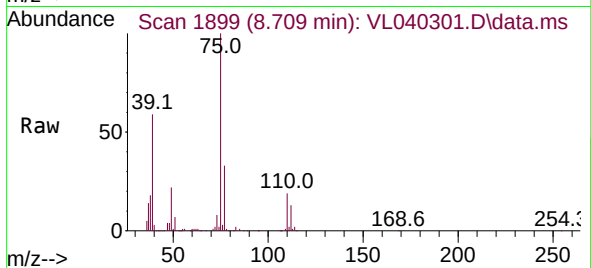
77 33.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#46

cis-1,3-Dichloropropene

Concen: 10.829 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. -0.007 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

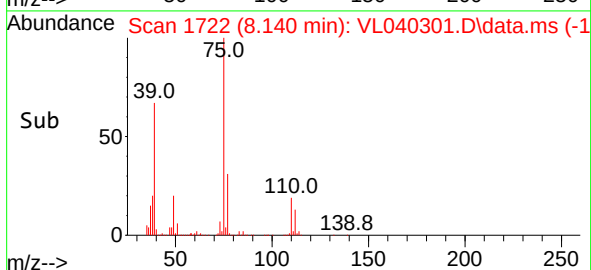
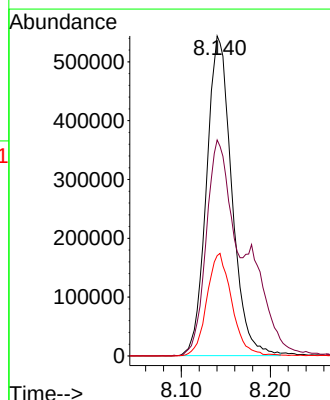
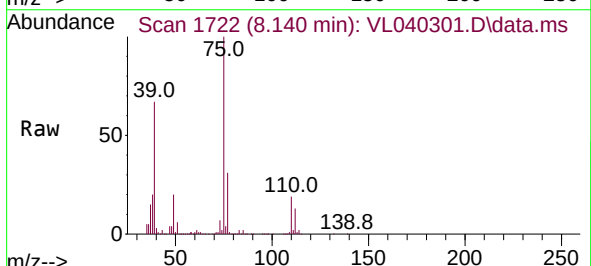
Tgt Ion: 75 Resp: 1071056

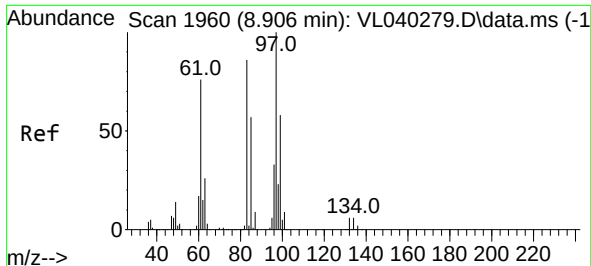
Ion Ratio Lower Upper

75 100

39 67.3 53.9 80.9

77 31.3 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.384 ppbv

RT: 8.896 min Scan# 1960

Delta R.T. -0.010 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 84456

Ion Ratio Lower Upper

97 100

83 88.0 68.6 103.0

85 58.0 46.0 69.0

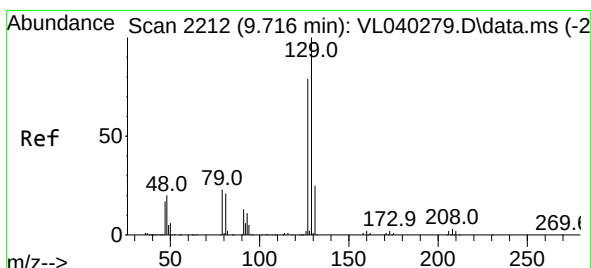
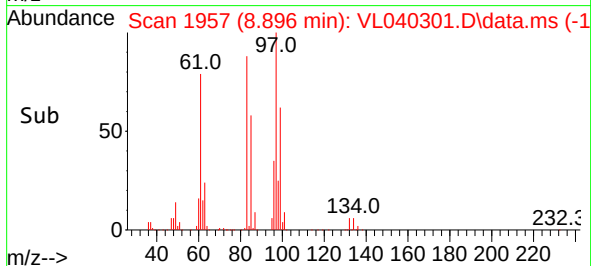
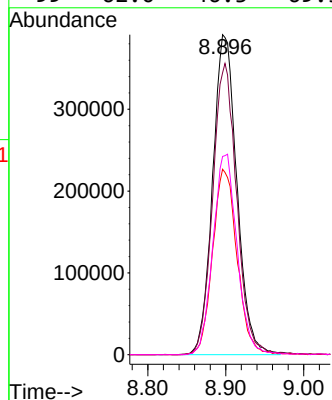
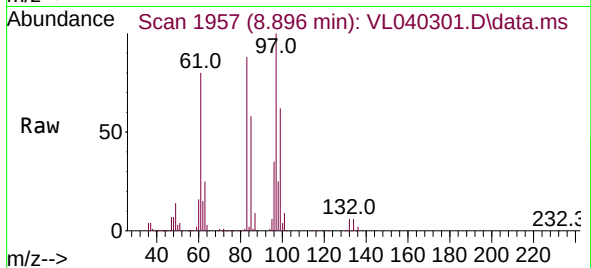
99 62.0 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#48

Dibromochloromethane

Concen: 9.741 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. -0.004 min

Lab File: VL040301.D

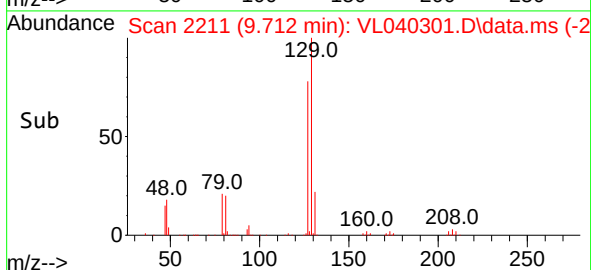
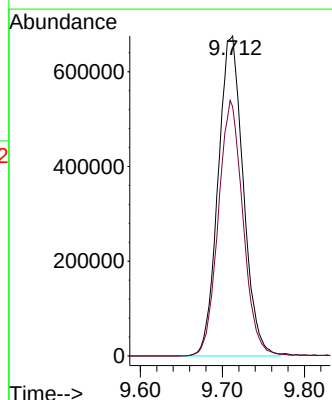
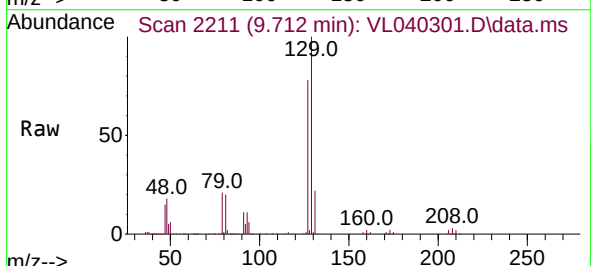
Acq: 4 Apr 2023 9:18

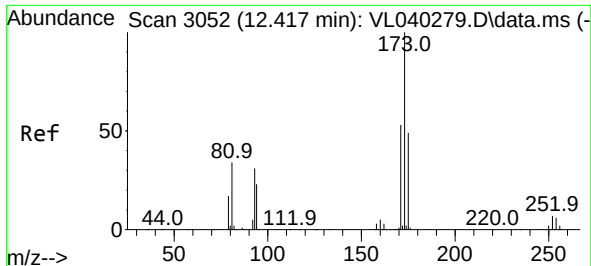
Tgt Ion:129 Resp: 1442776

Ion Ratio Lower Upper

129 100

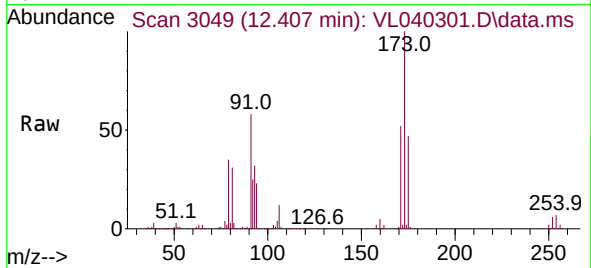
127 78.7 39.1 117.5





#49
Bromoform
Concen: 9.706 ppbv
RT: 12.407 min Scan# 3052
Delta R.T. -0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

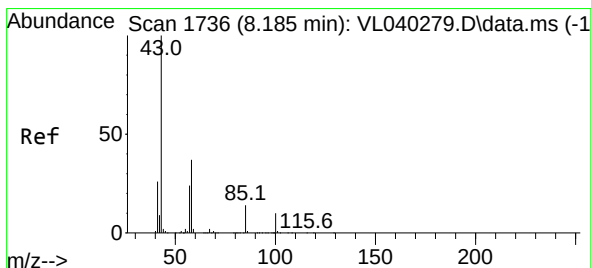
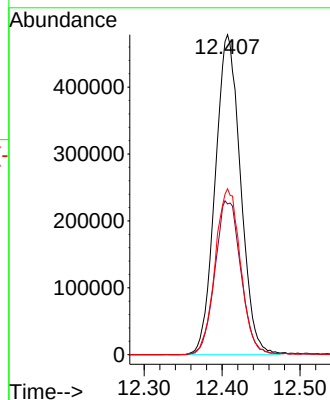
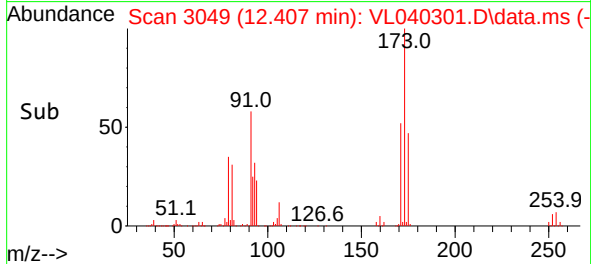
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 173 Resp: 107969
Ion Ratio Lower Upper
173 100
175 49.6 39.8 59.8
171 52.2 42.2 63.4

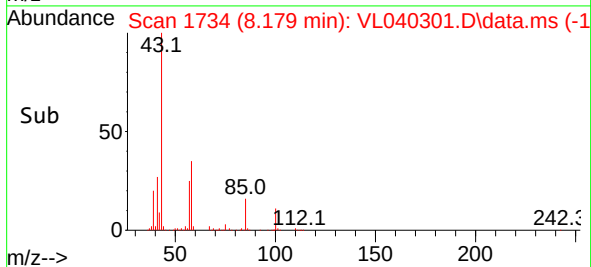
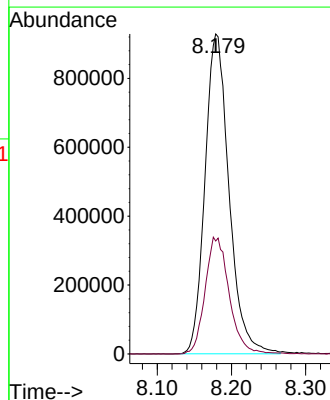
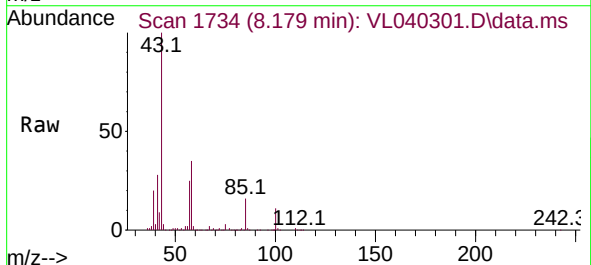
Manual Integrations
APPROVED

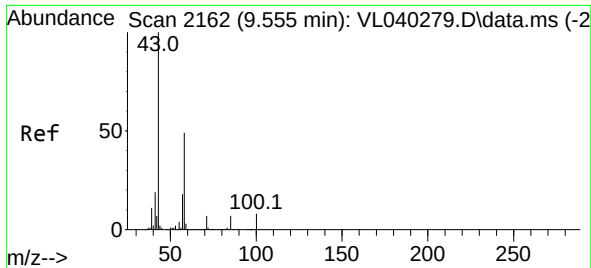
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#50
4-Methyl-2-Pentanone
Concen: 9.688 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion: 43 Resp: 2087437
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8





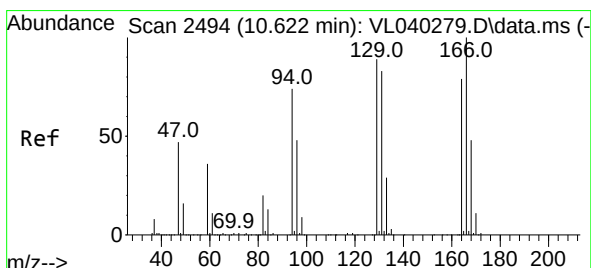
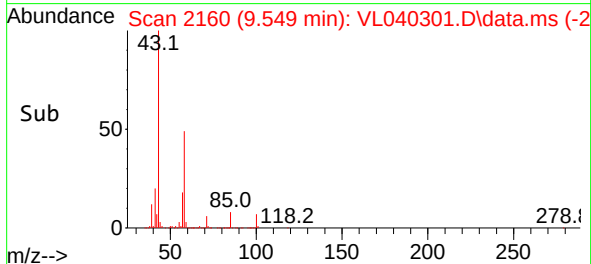
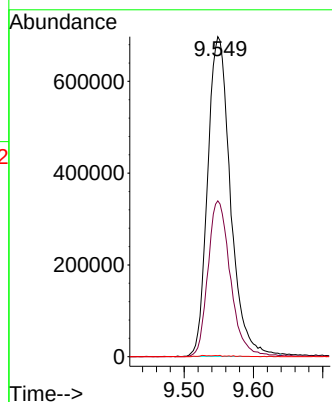
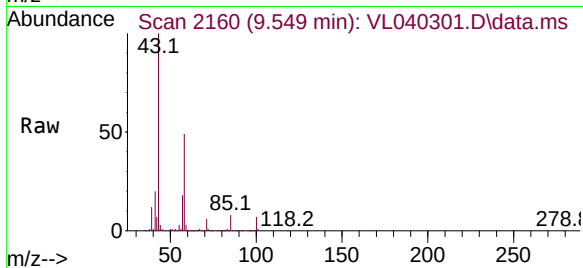
#51
2-Hexanone
Concen: 9.569 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 159736
Ion Ratio Lower Upper
43 100
58 48.3 38.0 57.0
98 0.5 0.5 0.7

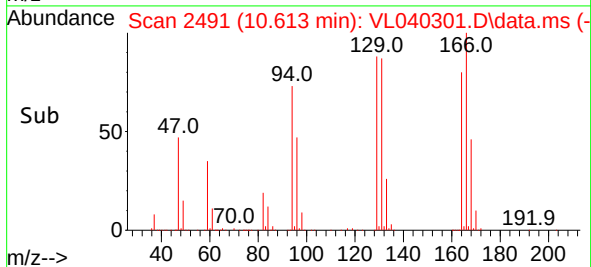
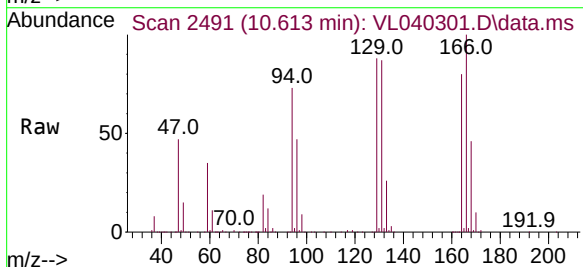
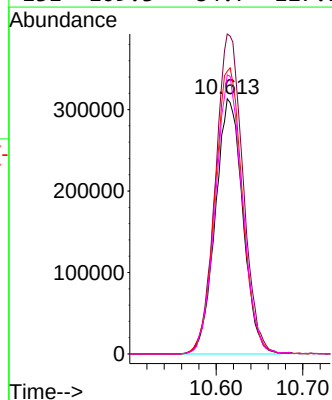
Manual Integrations
APPROVED

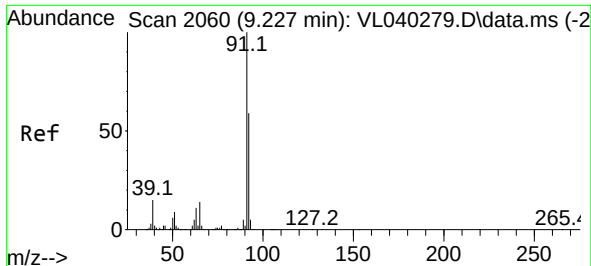
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#52
Tetrachloroethene
Concen: 10.599 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion:164 Resp: 689408
Ion Ratio Lower Upper
164 100
166 125.4 101.8 152.6
129 110.8 90.2 135.2
131 109.3 84.7 127.1





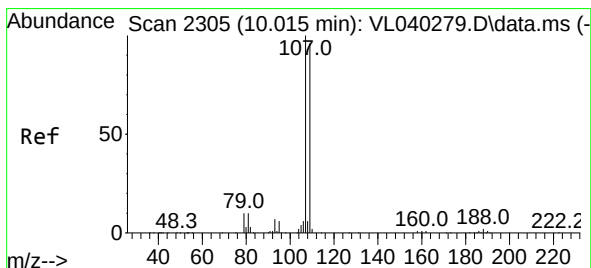
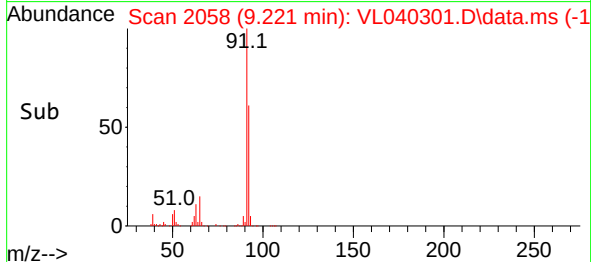
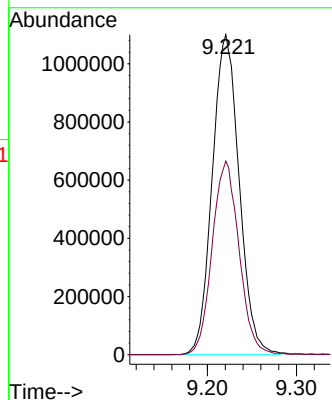
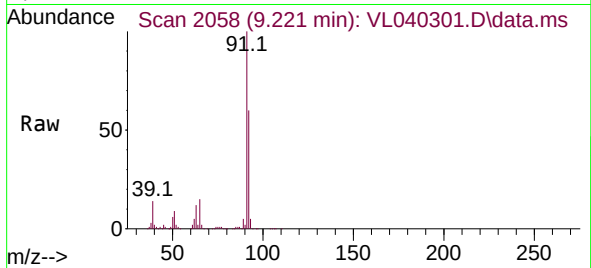
#53
Toluene
Concen: 10.230 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2304960
Ion Ratio Lower Upper
91 100
92 60.6 48.0 72.0

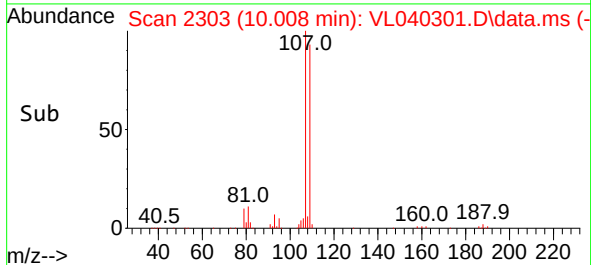
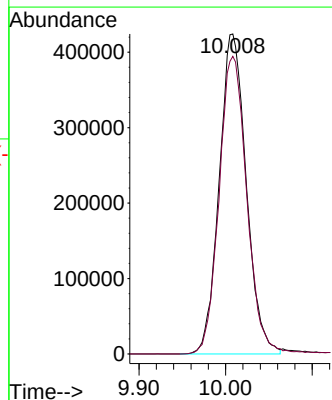
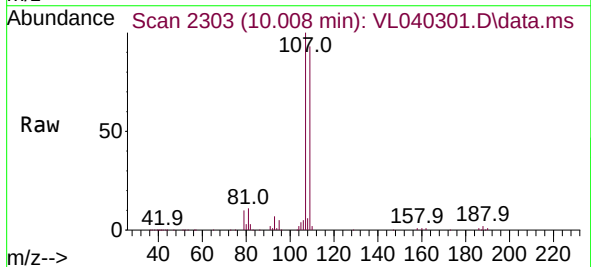
Manual Integrations
APPROVED

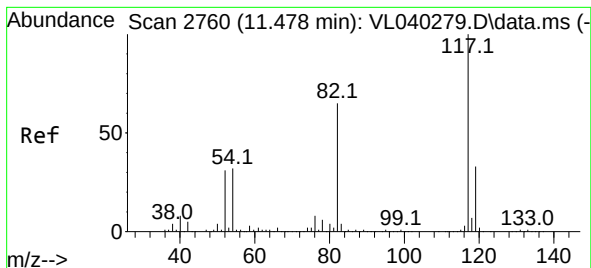
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#54
1,2-Dibromoethane
Concen: 9.918 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.007 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

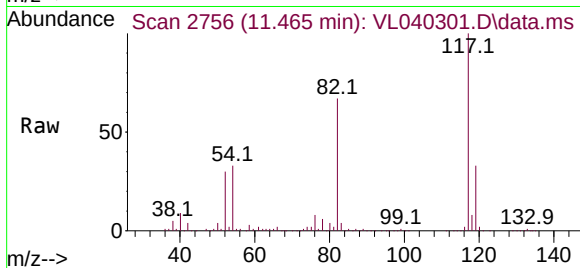
Tgt Ion:107 Resp: 918869
Ion Ratio Lower Upper
107 100
109 93.0 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

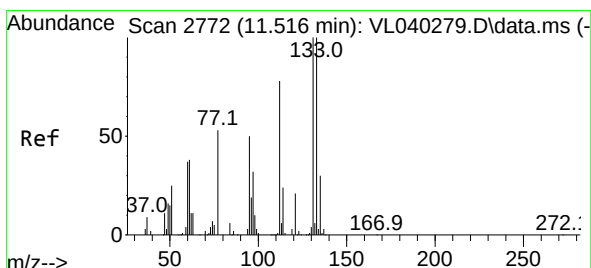
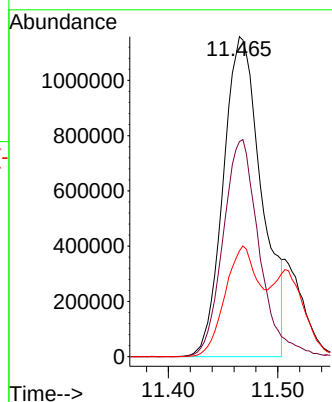
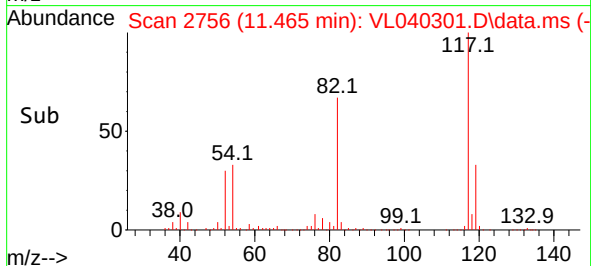
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



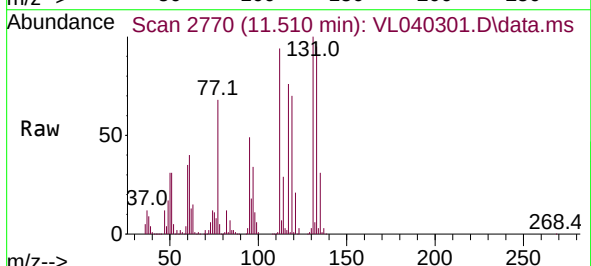
Tgt Ion:117 Resp: 282578
Ion Ratio Lower Upper
117 100
82 64.8 51.4 77.2
119 33.1 24.0 36.0

Manual Integrations
APPROVED

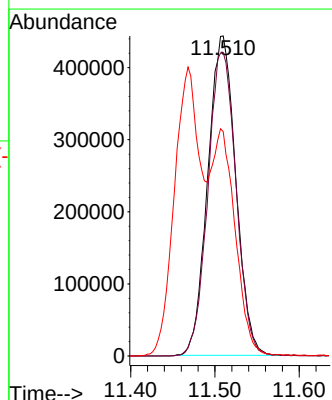
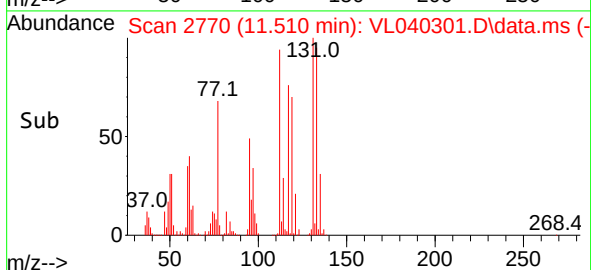
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

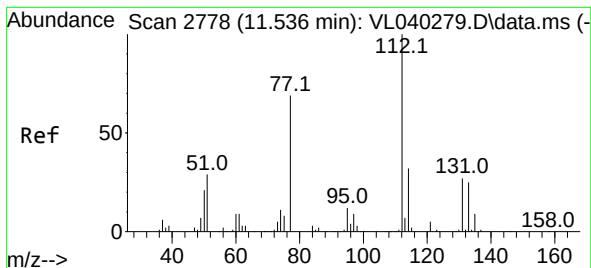


#56
1,1,1,2-Tetrachloroethane
Concen: 8.600 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



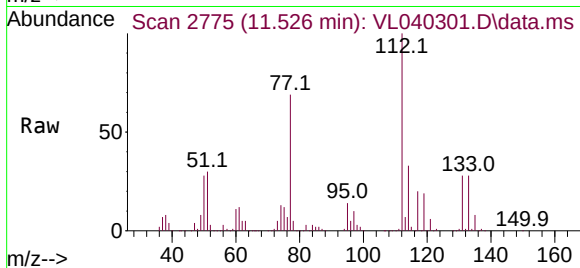
Tgt Ion:131 Resp: 1022349
Ion Ratio Lower Upper
131 100
133 96.0 76.5 114.7
119 56.4 47.9 71.9





#57
Chlorobenzene
Concen: 8.575 ppbv
RT: 11.526 min Scan# 2111
Delta R.T. -0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

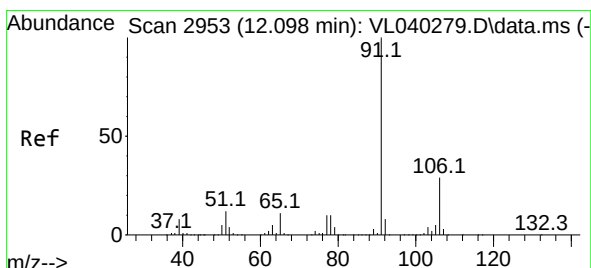
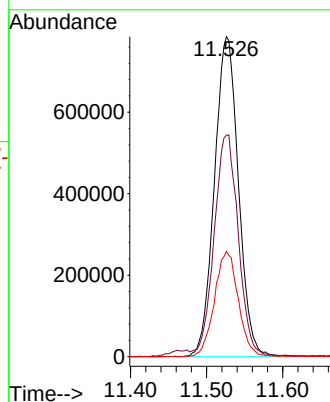
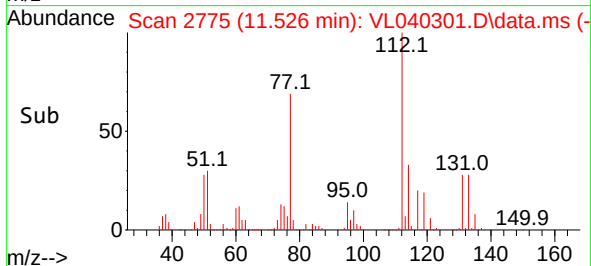
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 172356
Ion Ratio Lower Upper
112 100
77 68.8 56.2 84.2
114 32.9 29.0 35.4

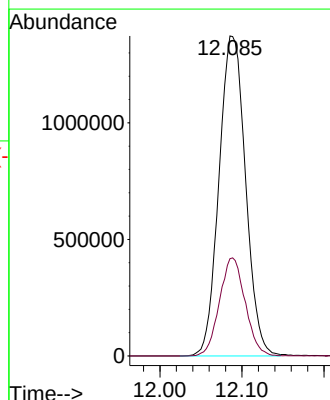
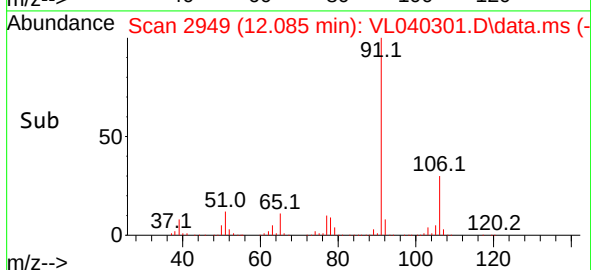
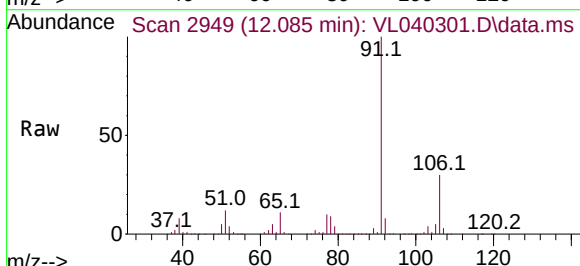
Manual Integrations
APPROVED

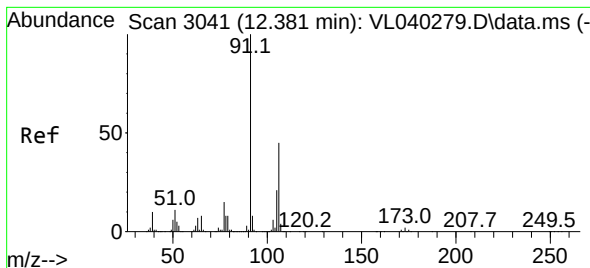
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#58
Ethyl Benzene
Concen: 9.592 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion: 91 Resp: 3086457
Ion Ratio Lower Upper
91 100
106 30.4 23.4 35.2





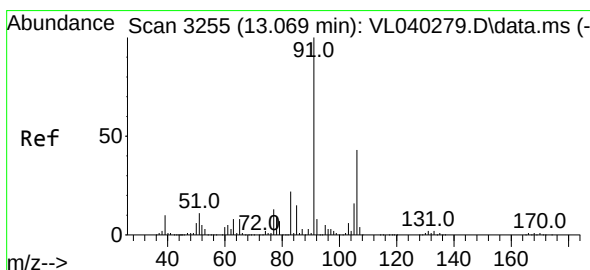
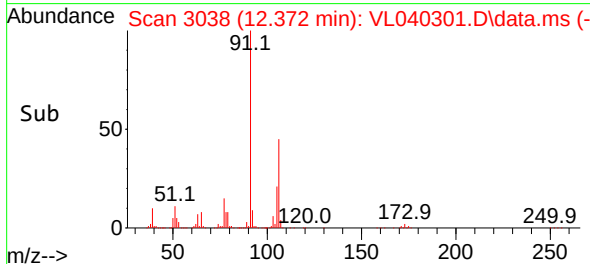
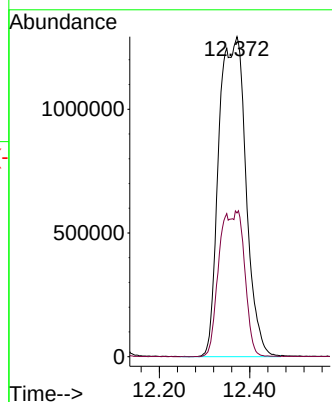
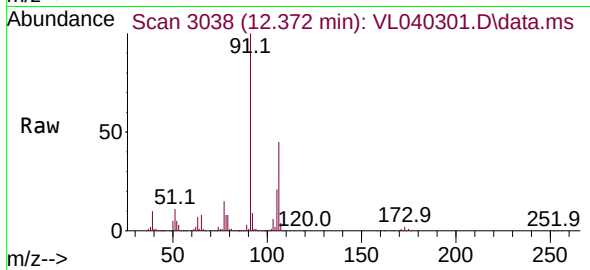
#59
m/p-Xylene
Concen: 18.159 ppbv m
RT: 12.372 min Scan# 3041
Delta R.T. -0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 535264
Ion Ratio Lower Upper
91 100
106 43.1 34.0 51.0

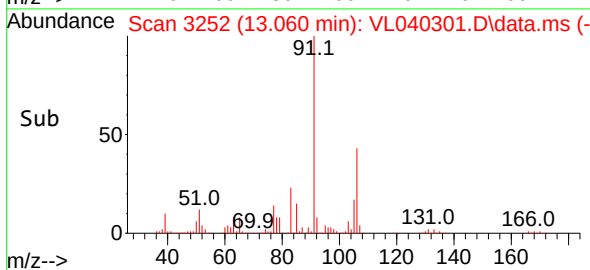
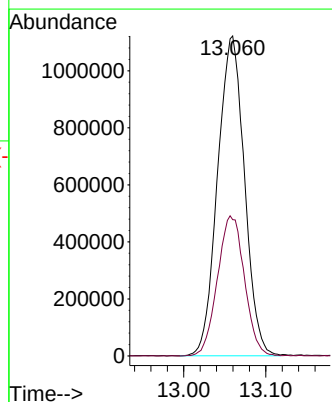
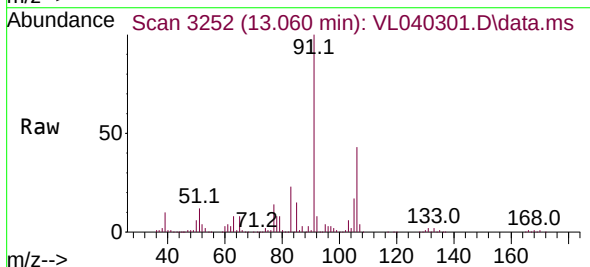
Manual Integrations
APPROVED

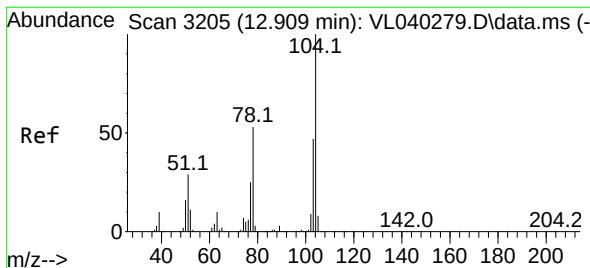
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023



#60
o-Xylene
Concen: 9.065 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Tgt Ion: 91 Resp: 2554228
Ion Ratio Lower Upper
91 100
106 44.2 21.7 65.1





#61

Styrene

Concen: 10.065 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL040301.D

Acq: 4 Apr 2023 9:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 143915

Ion Ratio Lower Upper

104 100

78 53.6 43.7 65.5

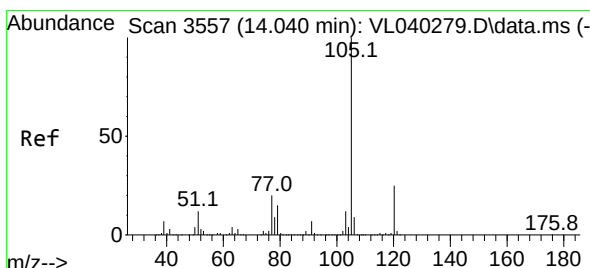
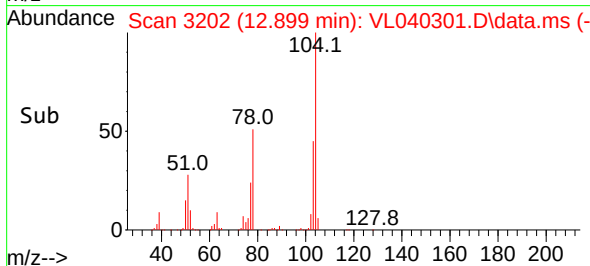
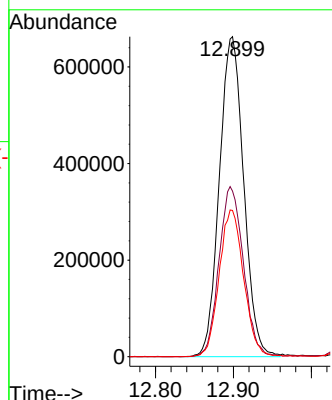
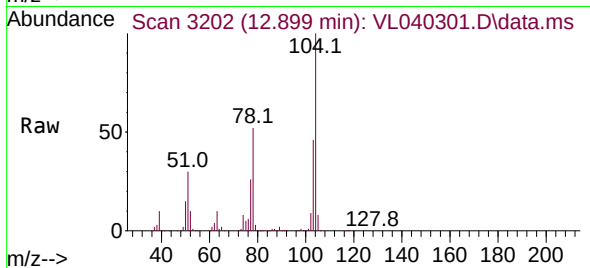
103 46.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023

Supervised By :Mahesh Dadoda 04/05/2023



#62

Isopropylbenzene

Concen: 8.975 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.013 min

Lab File: VL040301.D

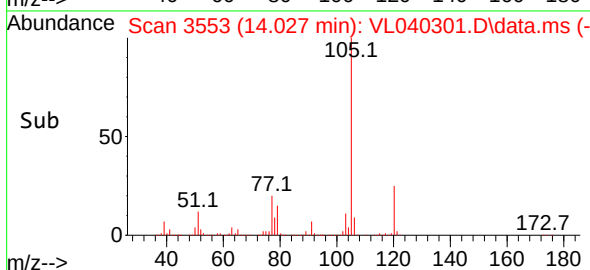
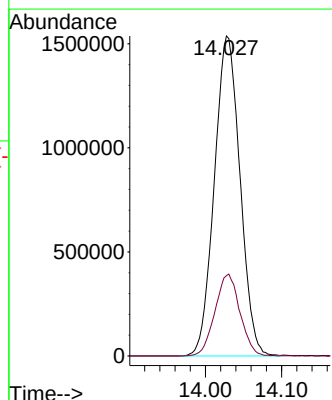
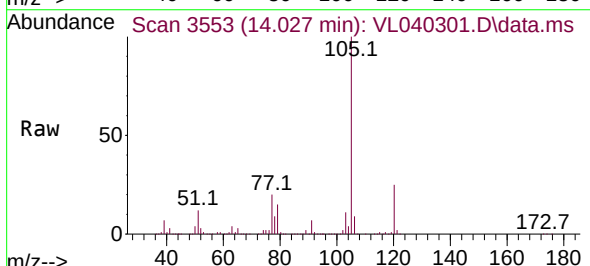
Acq: 4 Apr 2023 9:18

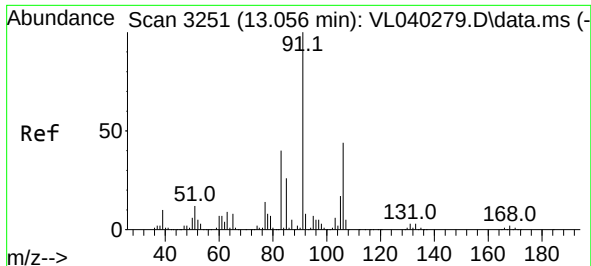
Tgt Ion:105 Resp: 3601347

Ion Ratio Lower Upper

105 100

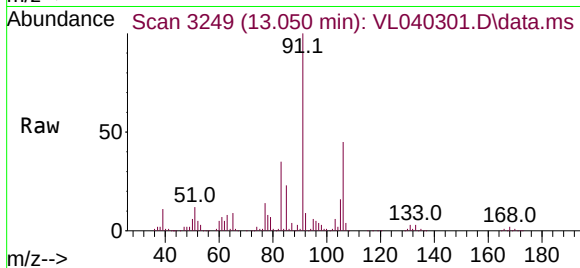
120 24.9 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.161 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

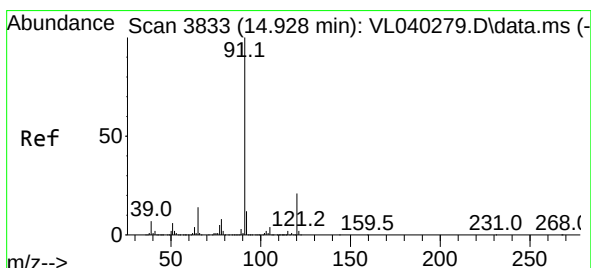
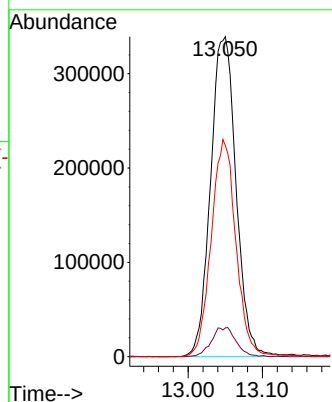
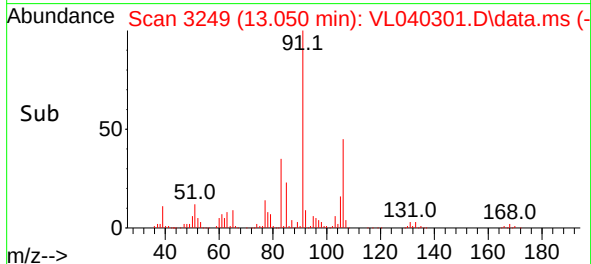
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



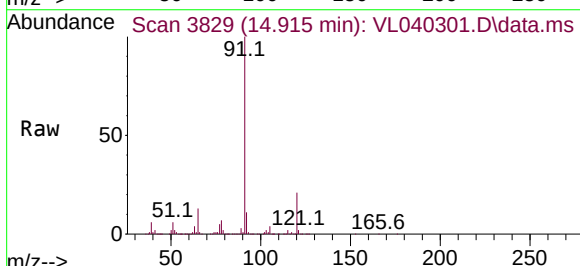
Tgt Ion: 83 Resp: 809108
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 66.3 32.7 98.1

Manual Integrations
APPROVED

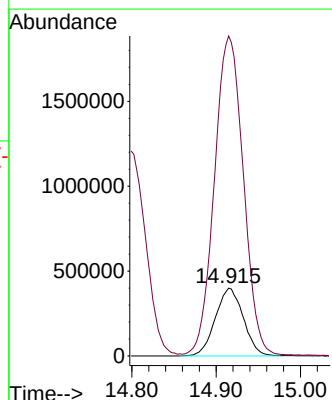
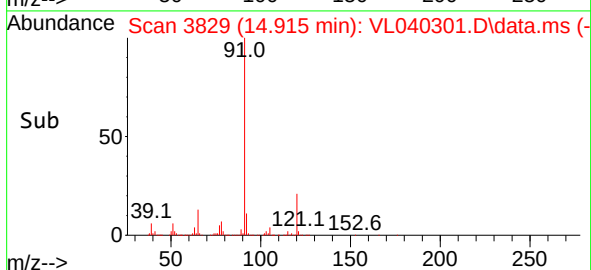
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

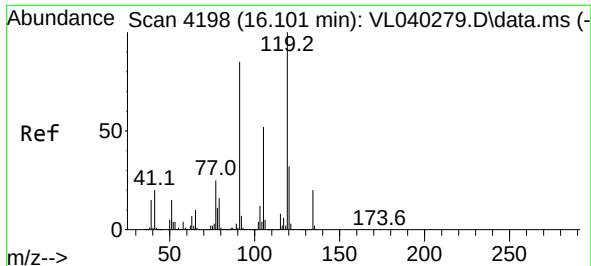


#64
n-propylbenzene
Concen: 9.348 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



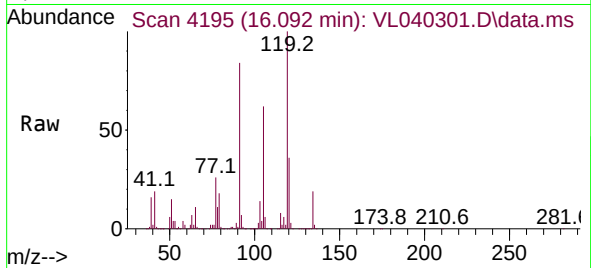
Tgt Ion:120 Resp: 917903
Ion Ratio Lower Upper
120 100
91 492.5 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.228 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. -0.009 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

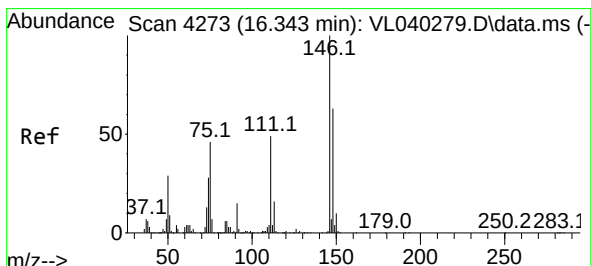
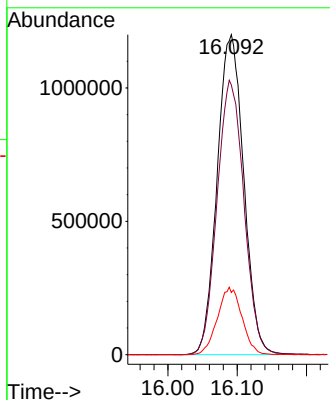
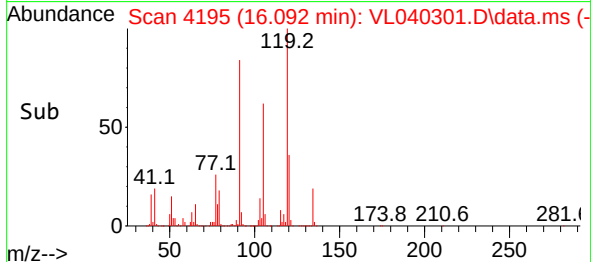
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



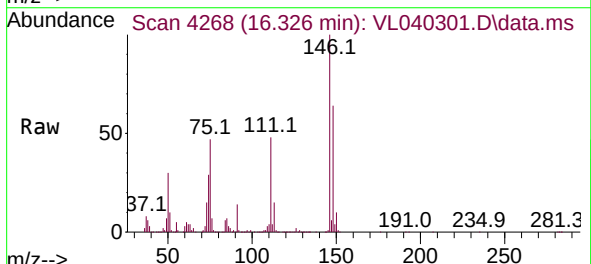
Tgt Ion: 119 Resp: 3191029
Ion Ratio Lower Upper
119 100
91 86.9 69.4 104.2
134 19.5 15.8 23.6

Manual Integrations
APPROVED

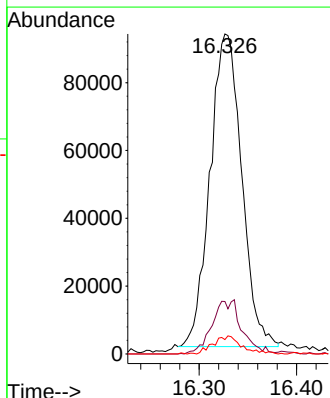
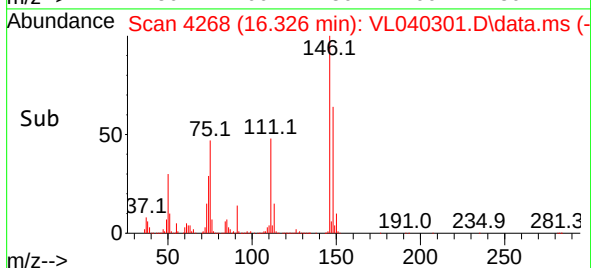
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

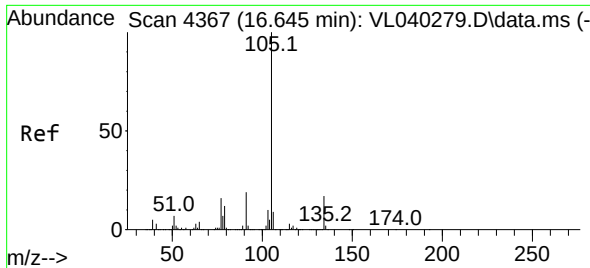


#66
Benzyl Chloride
Concen: 9.253 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.017 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



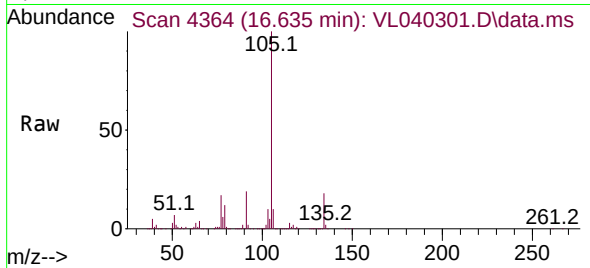
Tgt Ion: 91 Resp: 207947
Ion Ratio Lower Upper
91 100
126 16.7 12.1 18.1
128 5.4 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 9.295 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18

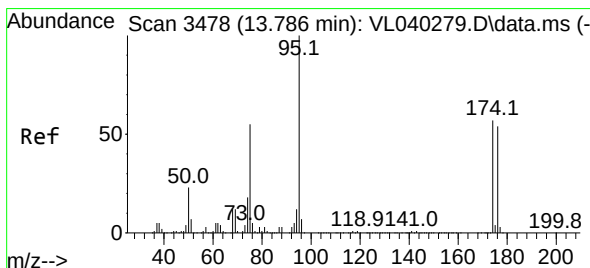
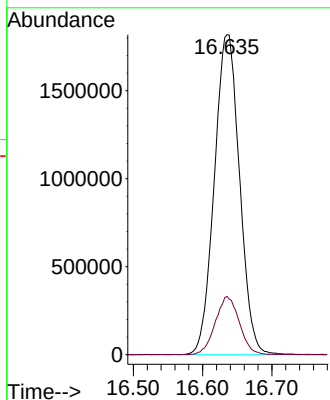
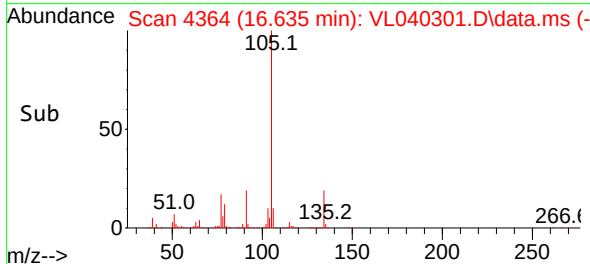
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



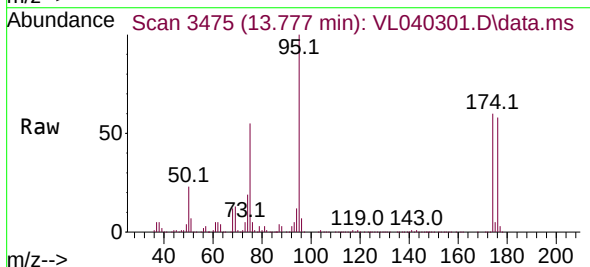
Tgt Ion:105 Resp: 4596740
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.0 21.0

Manual Integrations
 APPROVED

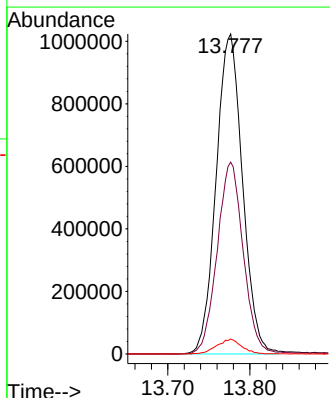
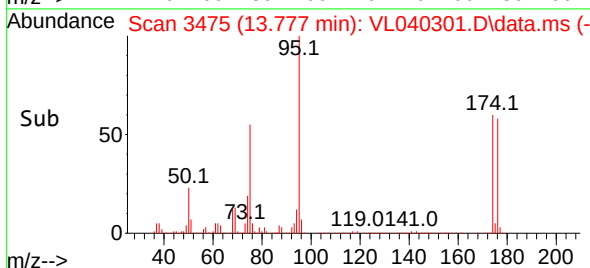
Reviewed By :Semsettin Yesilyurt 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

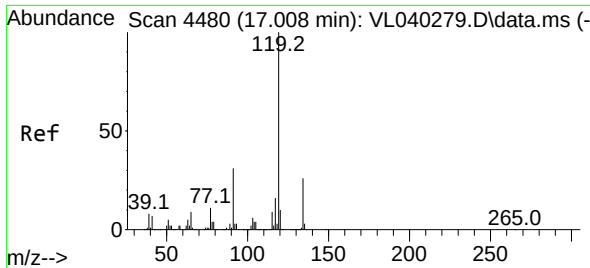


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.676 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.009 min
 Lab File: VL040301.D
 Acq: 4 Apr 2023 9:18



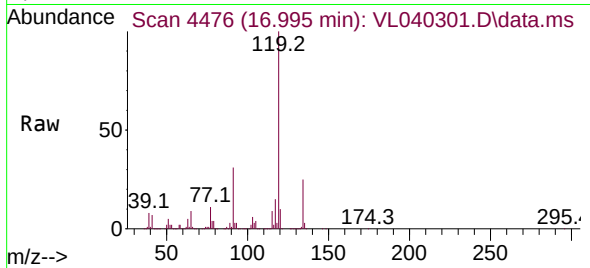
Tgt Ion: 95 Resp: 2289770
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.0 70.6
 175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.787 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

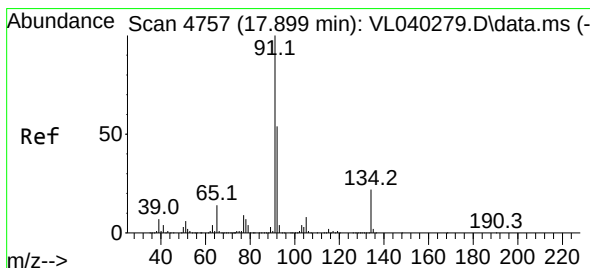
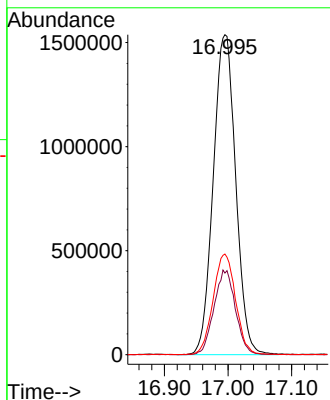
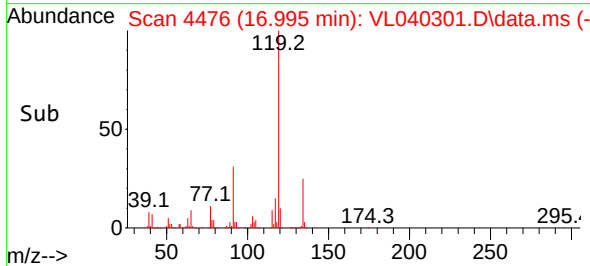
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



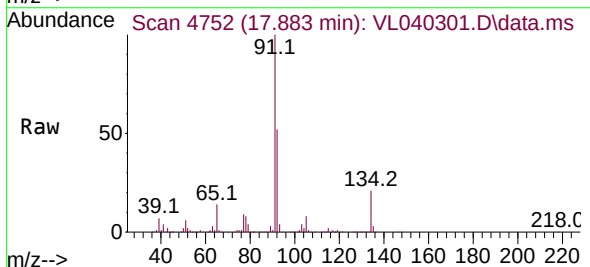
Tgt Ion:119 Resp: 3769010
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 31.5 25.1 37.7

Manual Integrations
APPROVED

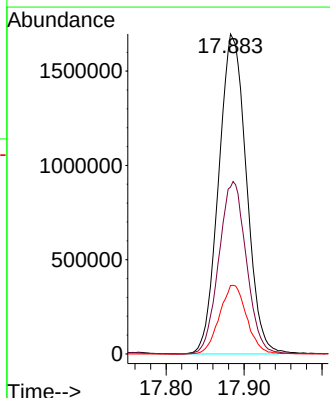
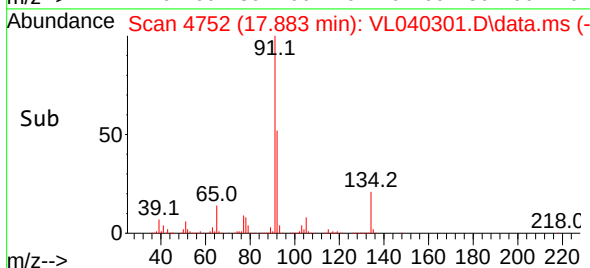
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

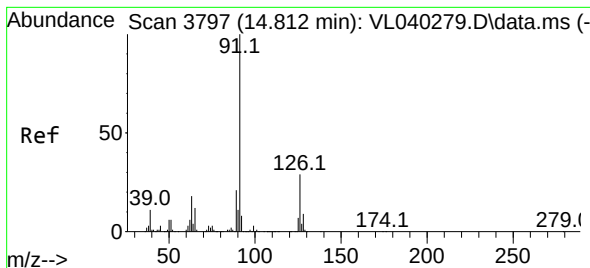


#70
n-Butylbenzene
Concen: 9.852 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



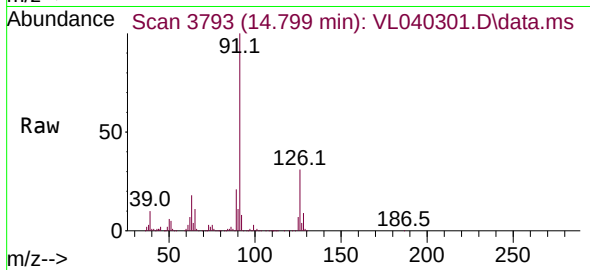
Tgt Ion: 91 Resp: 4180235
Ion Ratio Lower Upper
91 100
92 53.7 42.9 64.3
134 21.2 16.8 25.2





#71
2-Chlorotoluene
Concen: 9.071 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

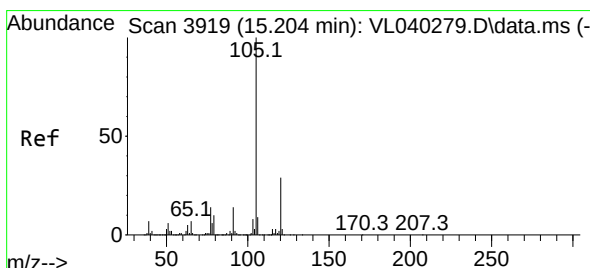
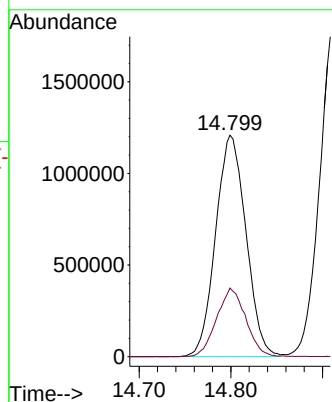
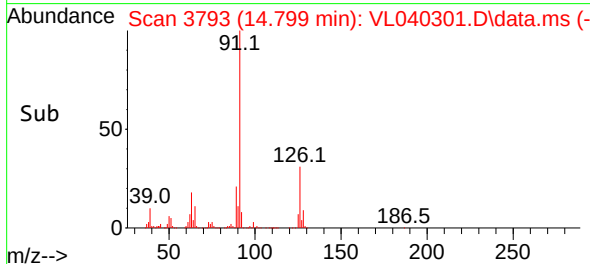
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



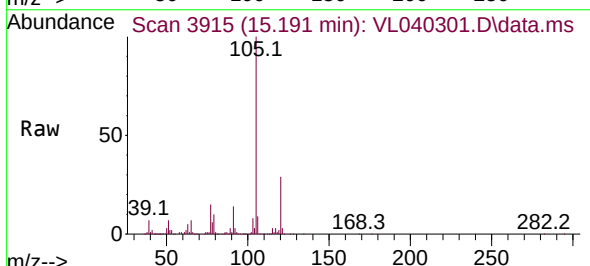
Tgt Ion: 91 Resp: 277018
Ion Ratio Lower Upper
91 100
126 29.9 11.8 47.4

Manual Integrations
APPROVED

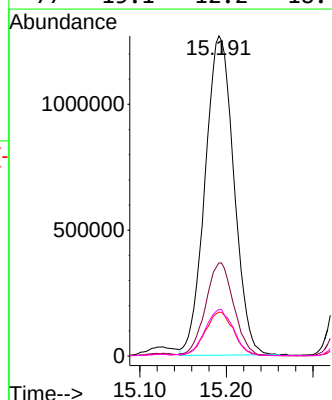
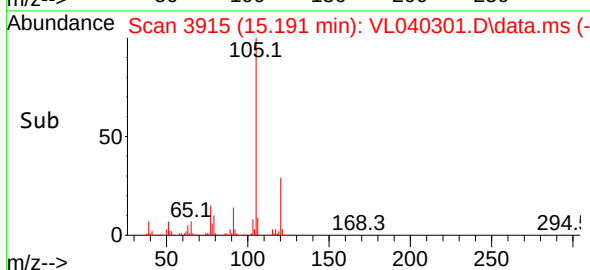
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

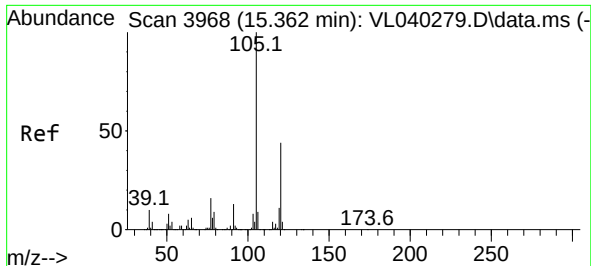


#72
4-Ethyltoluene
Concen: 9.514 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



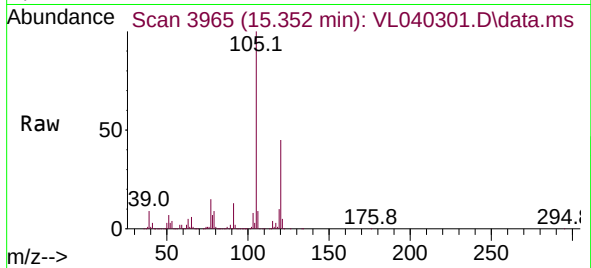
Tgt Ion:105 Resp: 2930929
Ion Ratio Lower Upper
105 100
120 28.8 23.7 35.5
91 13.7 11.6 17.4
77 15.1 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 9.466 ppbv
RT: 15.352 min Scan# 3968
Delta R.T. -0.010 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

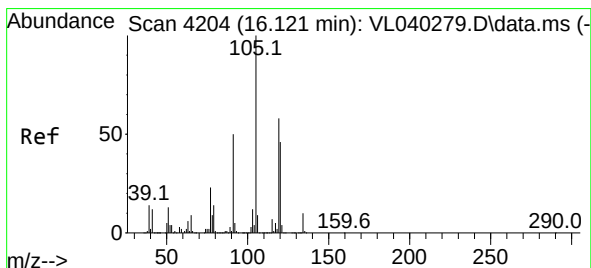
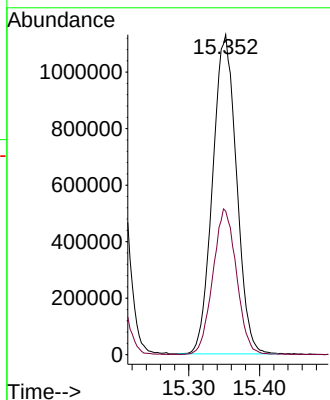
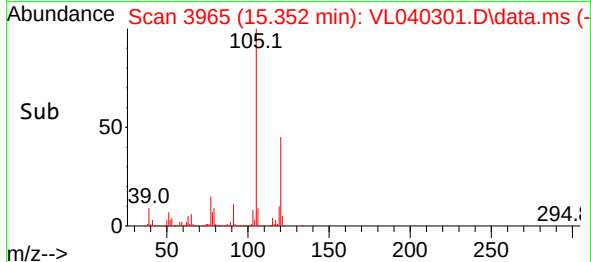
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



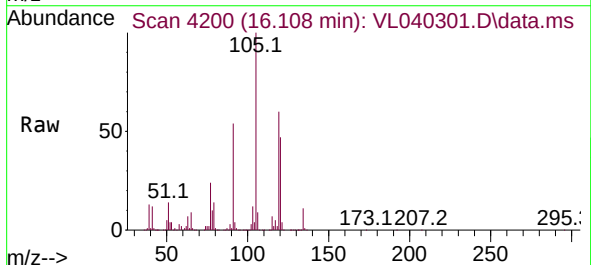
Tgt Ion:105 Resp: 264151
Ion Ratio Lower Upper
105 100
120 44.9 34.9 52.3

Manual Integrations
APPROVED

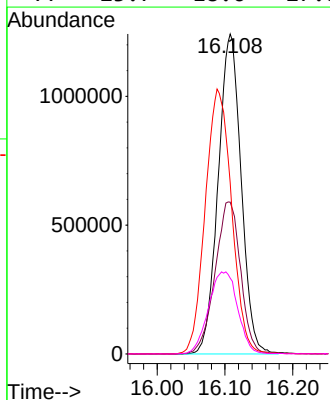
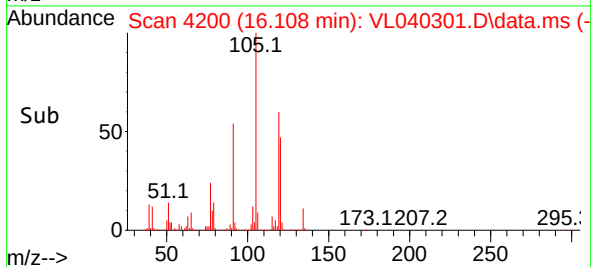
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

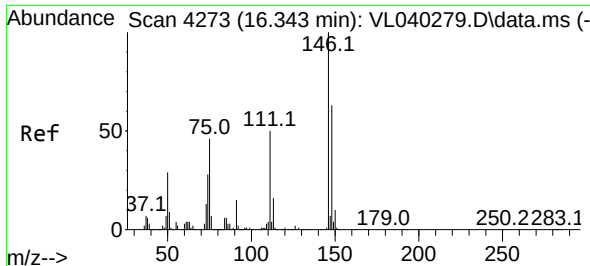


#74
1,2,4-Trimethylbenzene
Concen: 9.197 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



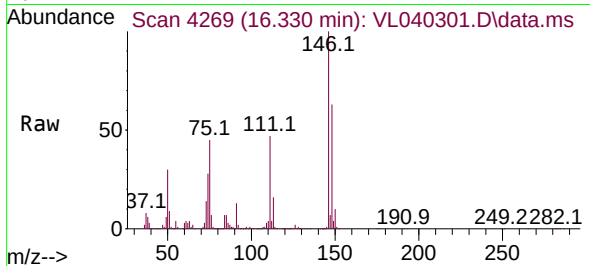
Tgt Ion:105 Resp: 2926765
Ion Ratio Lower Upper
105 100
120 47.4 36.6 54.8
91 53.4 39.9 59.9
77 23.7 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 9.461 ppbv
RT: 16.330 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

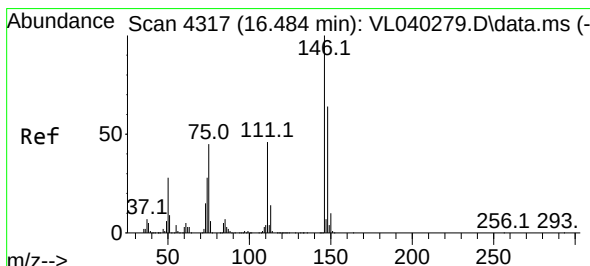
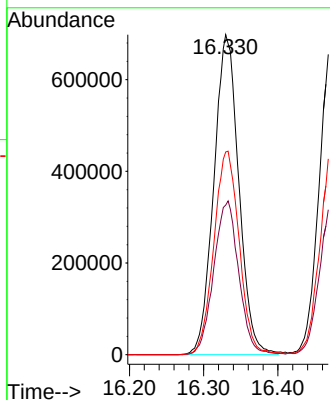
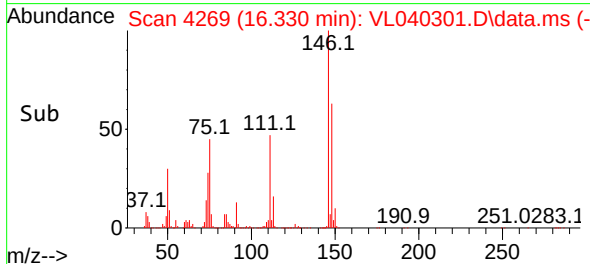
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



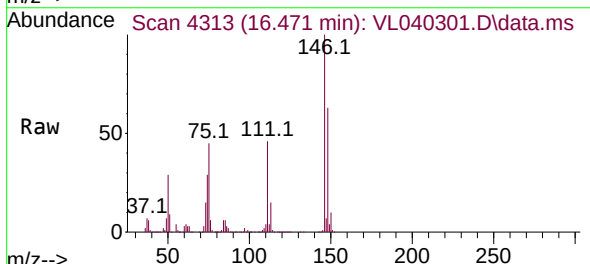
Tgt Ion:146 Resp: 1630779
Ion Ratio Lower Upper
146 100
111 48.2 24.3 73.0
148 64.8 31.9 95.5

Manual Integrations
APPROVED

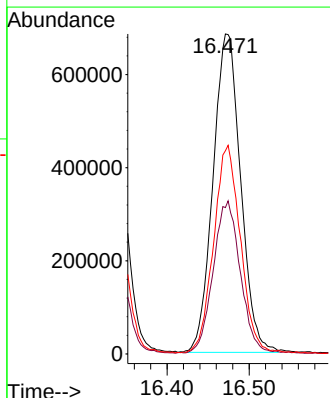
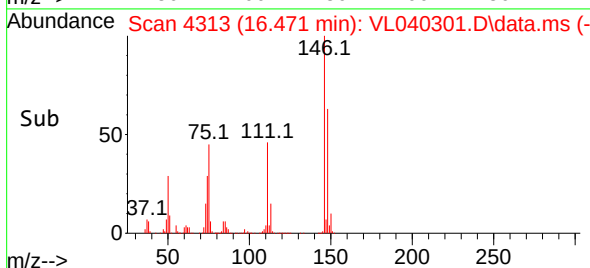
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

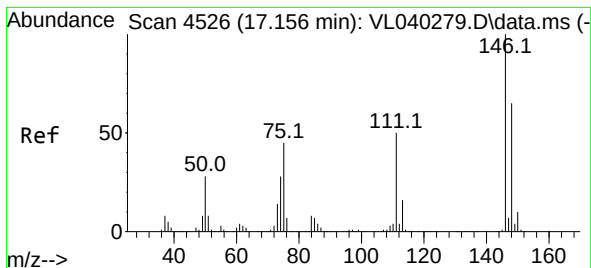


#76
1,4-Dichlorobenzene
Concen: 9.736 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



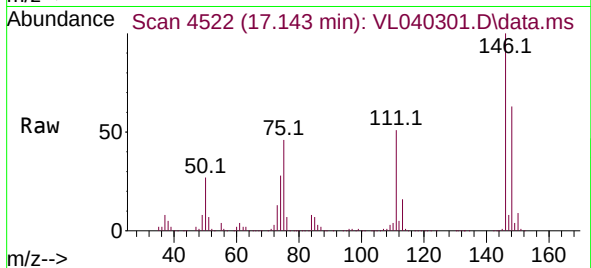
Tgt Ion:146 Resp: 1600422
Ion Ratio Lower Upper
146 100
111 47.8 23.8 71.2
148 64.3 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 9.763 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

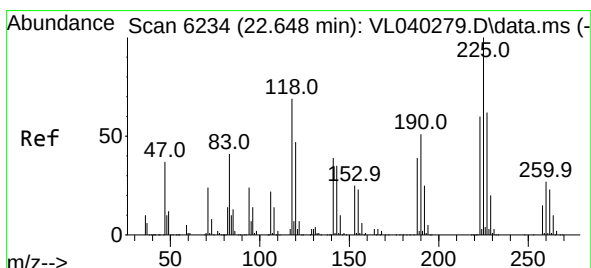
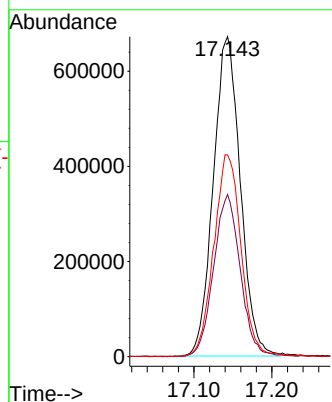
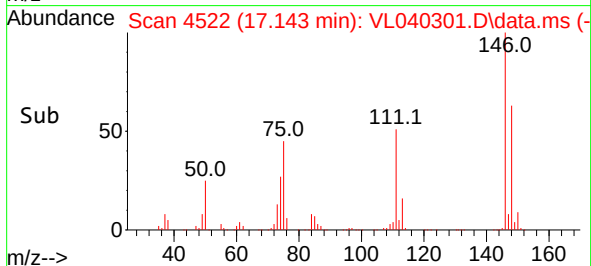
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MSVOA_L
ClientSampleId :
VSTDCCC010



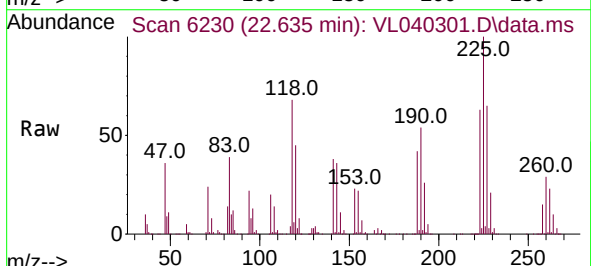
Tgt Ion:146 Resp: 161735
Ion Ratio Lower Upper
146 100
111 50.3 25.2 75.6
148 63.9 32.1 96.3

Manual Integrations
APPROVED

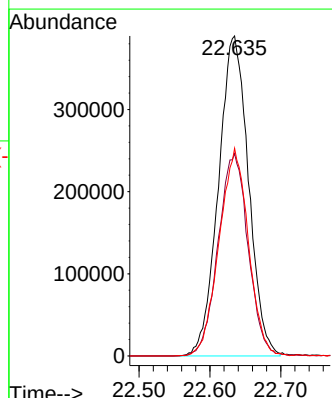
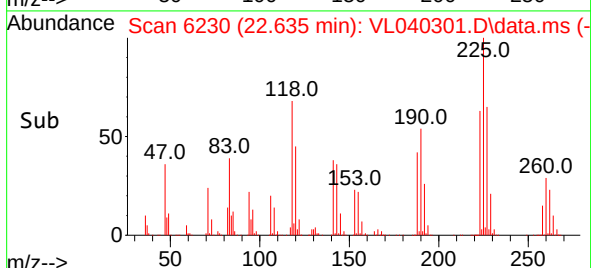
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

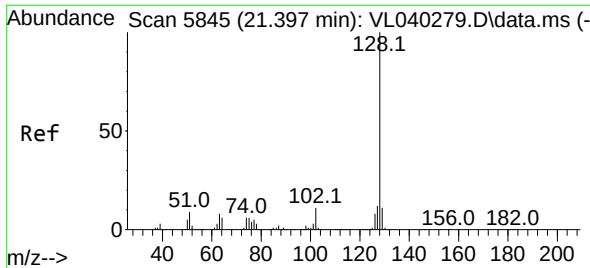


#78
Hexachloro-1,3-Butadiene
Concen: 9.438 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



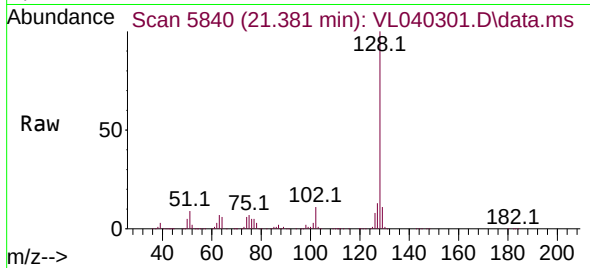
Tgt Ion:225 Resp: 1146704
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.6
227 63.5 51.4 77.2





#79
Naphthalene
Concen: 12.262 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. -0.016 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

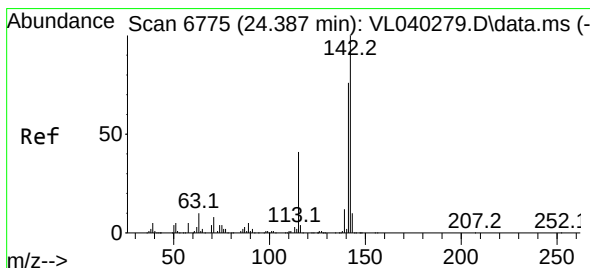
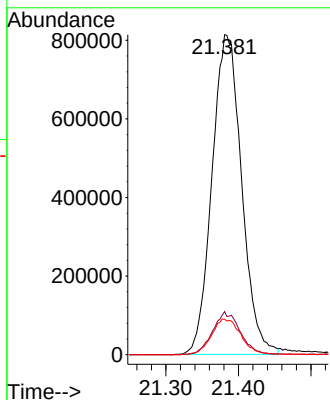
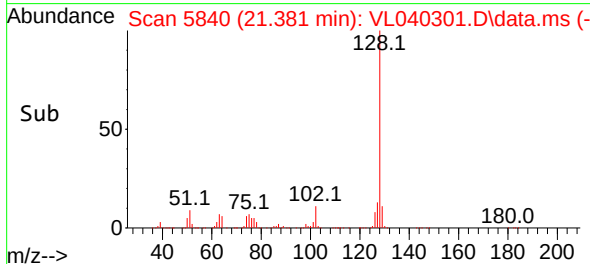
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



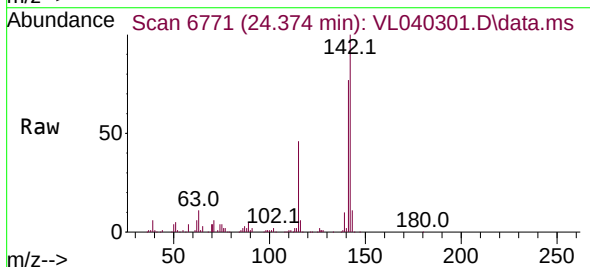
Tgt Ion:128 Resp: 230835
Ion Ratio Lower Upper
128 100
127 13.4 9.6 14.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

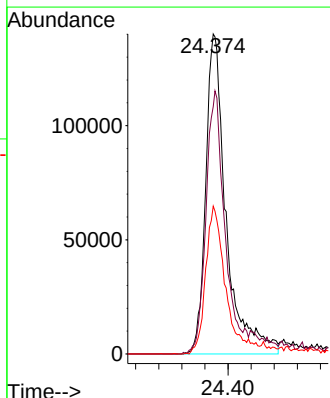
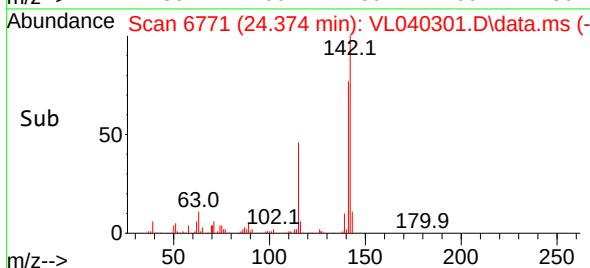
Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

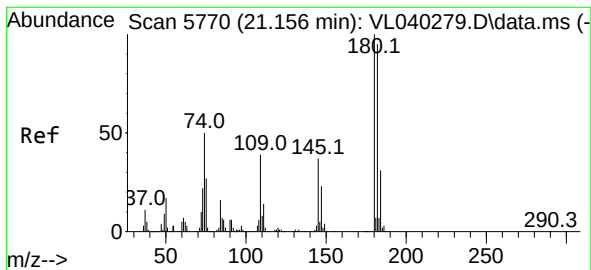


#80
Naphthalene,2-methyl-
Concen: 7.238 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.013 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18



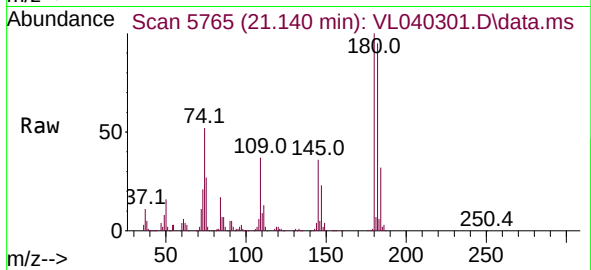
Tgt Ion:142 Resp: 345100
Ion Ratio Lower Upper
142 100
141 83.5 65.5 98.3
115 47.2 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 10.469 ppbv
RT: 21.140 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040301.D
Acq: 4 Apr 2023 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 121392
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
184 31.1 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2023
Supervised By :Mahesh Dadoda 04/05/2023

