

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040586.D
 Acq On : 4 Aug 2023 10:02
 Operator : SY/MD
 Sample : VL0804ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/07/2023
 Supervised By : Mahesh Dadoda 08/07/2023

Quant Time: Aug 05 01:07:10 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 11:21:52 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1218921	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.652	114	2993415	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	2867689m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2454882 10.816 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	2235586	9.169	ppbv	99
3) Chlorodifluoromethane	2.665	51	1747121	9.043	ppbv	95
4) Chloromethane	2.803	50	680830	8.895	ppbv	94
5) Vinyl Chloride	2.912	62	752231	9.360	ppbv	97
6) Bromomethane	3.111	94	318448	9.388	ppbv	97
7) Chloroethane	3.189	64	274630	9.739	ppbv	98
8) Dichlorotetrafluoroethane	2.848	85	1900829	9.476	ppbv	99
9) Propene	2.684	41	533086	8.060	ppbv	97
10) Heptane	7.581	43	1365088	9.347	ppbv	100
11) Trichlorofluoromethane	3.555	101	2024313	10.289	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1439430	10.389	ppbv	93
13) Ethanol	3.234	45	117779	8.184	ppbv	99
14) Bromoethene	3.359	108	598772	10.050	ppbv	99
15) Acetone	3.459	43	1280599	9.127	ppbv	98
16) 1,3-Butadiene	2.976	39	676646	9.559	ppbv	99
17) tert-Butyl alcohol	3.870	59	1496116	10.309	ppbv	99
18) 1,1-Dichloroethene	3.874	96	652927	10.250	ppbv	99
19) Isopropyl Alcohol	3.568	45	828565	10.287	ppbv #	96
20) Methylene Chloride	3.925	84	576798	9.665	ppbv	97
21) Allyl Chloride	3.989	41	771657	9.631	ppbv	94
22) trans-1,2-Dichloroethene	4.439	96	650502	10.351	ppbv	97
23) Vinyl Acetate	4.619	43	1322070	9.891	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1344108	9.907	ppbv	98
25) Ethyl Acetate	5.201	43	2448647	9.167	ppbv	99
26) Hexane	5.208	57	1093631	8.813	ppbv	97
27) Carbon Disulfide	4.118	76	1625966	11.139	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	952418	9.533	ppbv	99
29) Chloroform	5.272	83	1926335	9.359	ppbv	97
30) Cyclohexane	6.597	84	904202	8.757	ppbv	97
31) cis-1,2-Dichloroethene	5.076	61	1124886	9.171	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1942832	9.647	ppbv	99
34) 2-Butanone	4.780	43	1471334	9.947	ppbv	98
35) Carbon Tetrachloride	6.491	117	2013222	11.175	ppbv	100
36) Benzene	6.369	78	2228028	9.250	ppbv	97
37) 1,2-Dichloroethane	5.806	62	1495079	10.551	ppbv	97
38) Trichloroethene	7.291	130	907287	9.959	ppbv	94
39) 1,2-Dichloropropane	7.073	63	872360	9.409	ppbv	92
40) 1,4-Dioxane	7.285	88	298307	10.286	ppbv #	28
41) Tetrahydrofuran	5.552	42	808904	9.371	ppbv	99
42) Bromodichloromethane	7.246	83	2110801	10.711	ppbv	99
43) Methyl Methacrylate	7.471	69	922941	10.238	ppbv	95
44) 2,2,4-Trimethylpentane	7.327	57	3743288	9.660	ppbv	96
45) t-1,3-Dichloropropene	8.713	75	626490	10.833	ppbv	95

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 Supervised By : Mahesh Dadoda 08/07/2023

Quant Time: Aug 05 01:07:10 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 4 11:21:52 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	752163	10.137	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	976482	9.545	ppbv	100
48) Dibromochloromethane	9.713	129	1691240	10.693	ppbv	99
49) Bromoform	12.407	173	1394470	11.121	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2249305	10.466	ppbv	96
51) 2-Hexanone	9.549	43	1594663	10.493	ppbv #	97
52) Tetrachloroethene	10.616	164	774576	9.931	ppbv	95
53) Toluene	9.224	91	2617326	10.004	ppbv	99
54) 1,2-Dibromoethane	10.012	107	1265896	9.956	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	1264244	9.844	ppbv	97
57) Chlorobenzene	11.529	112	2083368	9.316	ppbv	95
58) Ethyl Benzene	12.092	91	3611315	10.035	ppbv	99
59) m/p-Xylene	12.375	91	6399847m	19.925	ppbv	
60) o-Xylene	13.063	91	3129561	10.228	ppbv	98
61) Styrene	12.899	104	1506278	10.672	ppbv	97
62) Isopropylbenzene	14.034	105	4477694	9.763	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	2214661	10.335	ppbv	99
64) n-propylbenzene	14.921	120	1157143	9.752	ppbv	92
65) tert-Butylbenzene	16.095	119	3984409	9.813	ppbv	96
66) Benzyl Chloride	16.330	91	335664	11.686	ppbv	96
67) sec-Butylbenzene	16.638	105	5727843	9.601	ppbv	99
69) p-Isopropyltoluene	16.998	119	4653710	9.440	ppbv	98
70) n-Butylbenzene	17.889	91	5209287	9.475	ppbv	99
71) 2-Chlorotoluene	14.802	91	3532016	9.993	ppbv	98
72) 4-Ethyltoluene	15.195	105	3631736	10.125	ppbv	97
73) 1,3,5-Trimethylbenzene	15.355	105	3167572	10.019	ppbv	96
74) 1,2,4-Trimethylbenzene	16.111	105	3568577	9.681	ppbv	97
75) 1,3-Dichlorobenzene	16.336	146	2035957	9.110	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	1981727	9.043	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	1946254	9.107	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1404879m	7.000	ppbv	
79) Naphthalene	21.384	128	2857625	9.162	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	812261	6.316	ppbv	97
81) 1,2,4-Trichlorobenzene	21.143	180	1682863	7.830	ppbv	100

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

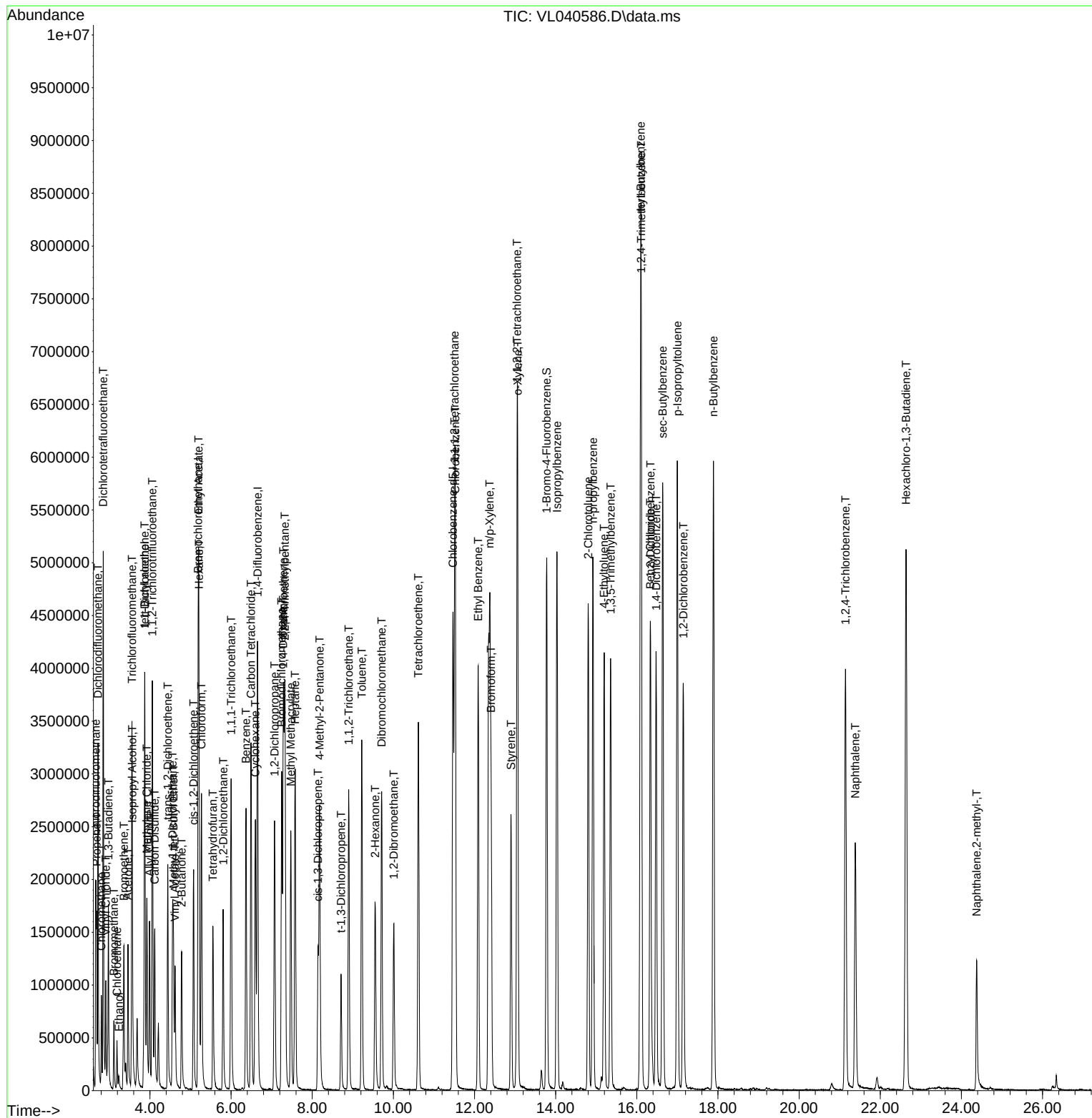
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
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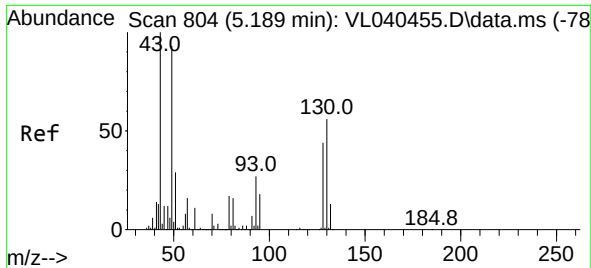
Instrument :
 MSVOA_L
 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023

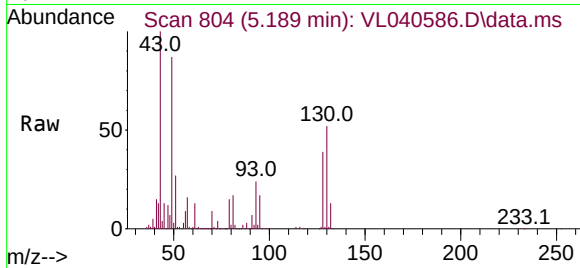
Quant Time: Aug 05 01:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

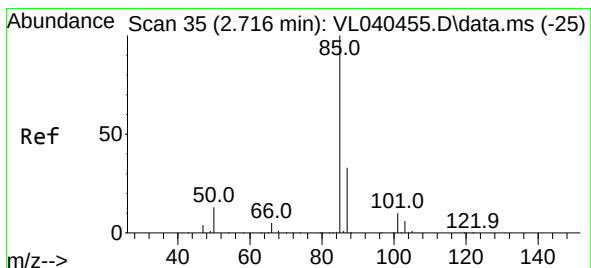
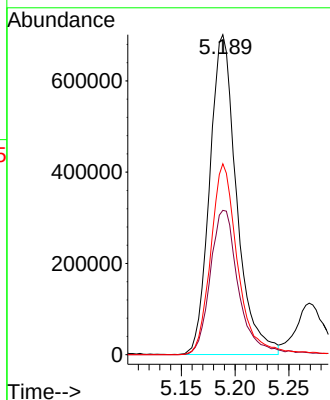
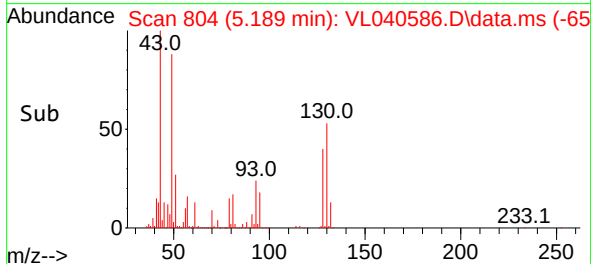
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



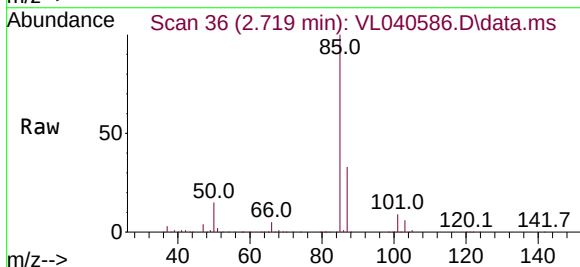
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Ion Ratio Lower Upper
49 100
128 48.5 25.1 75.4
130 61.0 31.6 94.7

Manual Integrations
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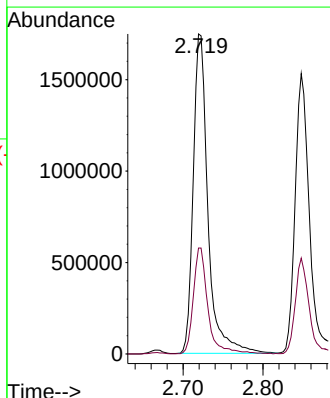
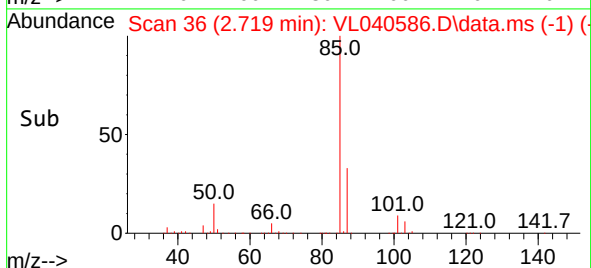
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

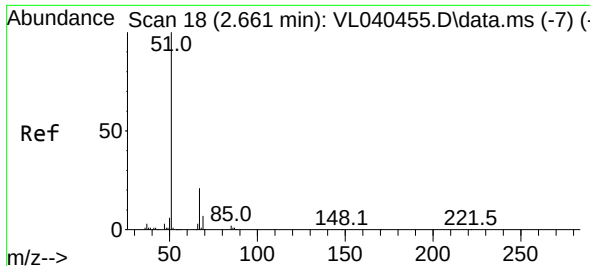


#2
Dichlorodifluoromethane
Concen: 9.169 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



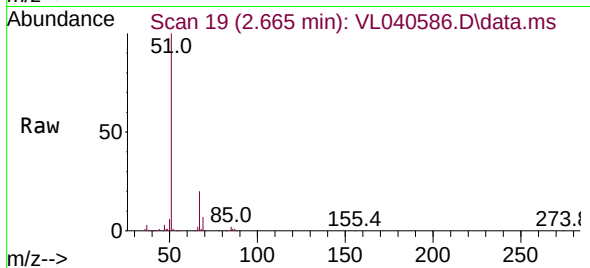
Tgt Ion: 85 Resp: 2235586
Ion Ratio Lower Upper
85 100
87 33.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.043 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

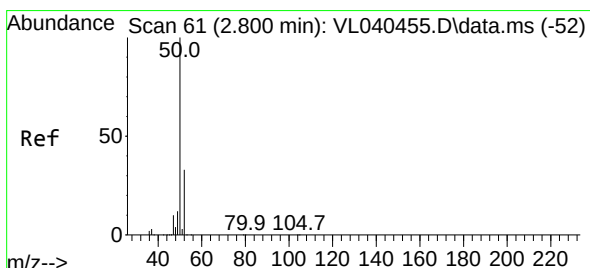
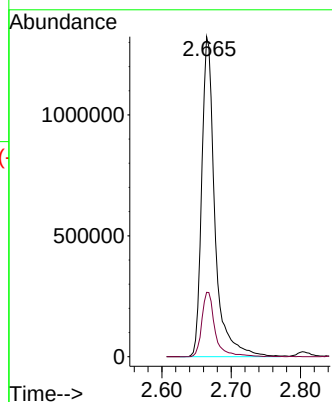
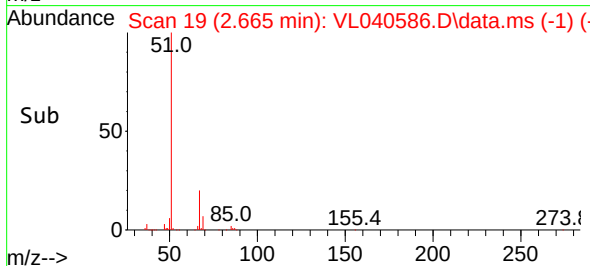
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion: 51 Resp: 174712
Ion Ratio Lower Upper
51 100
67 20.3 14.6 21.8

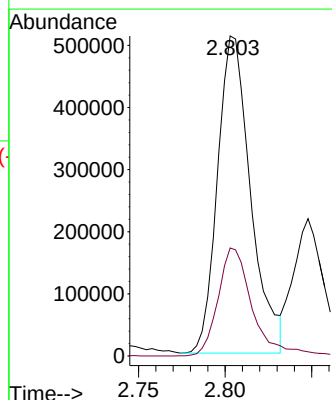
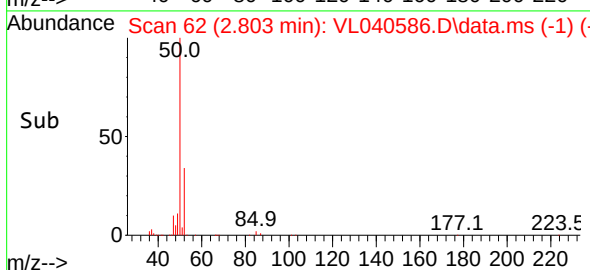
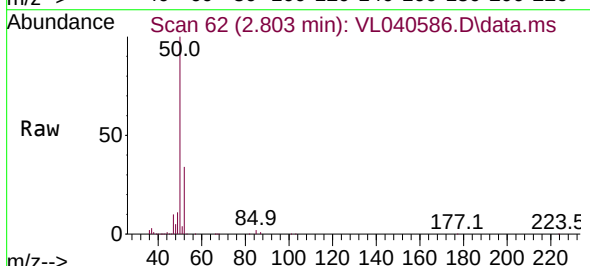
Manual Integrations
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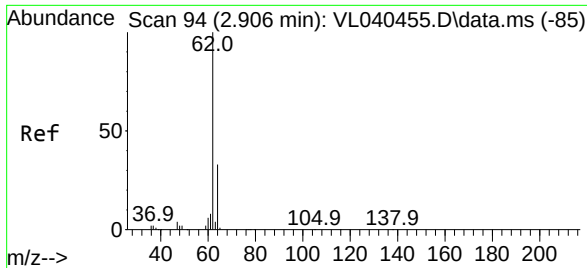
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#4
Chloromethane
Concen: 8.895 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 50 Resp: 680830
Ion Ratio Lower Upper
50 100
52 34.0 24.4 36.6





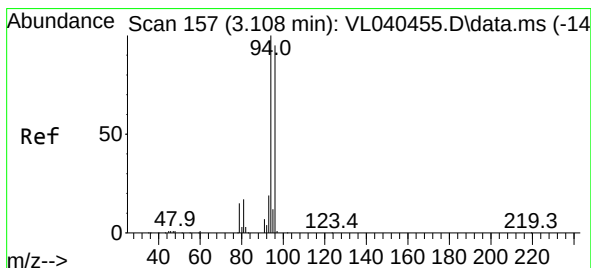
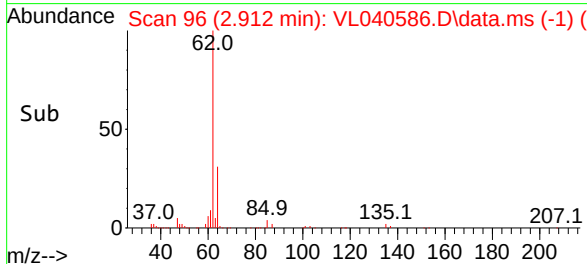
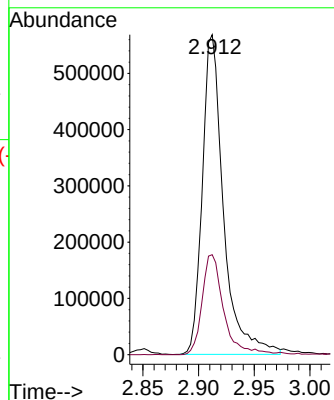
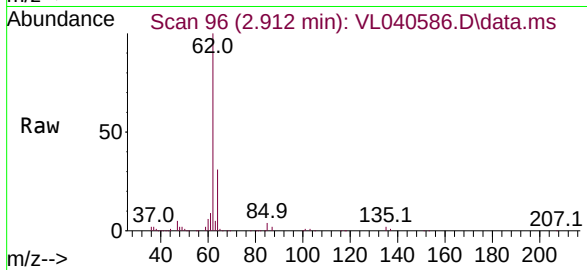
#5
 Vinyl Chloride
 Concen: 9.360 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01

Tgt Ion: 62 Resp: 75223
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.4 39.6

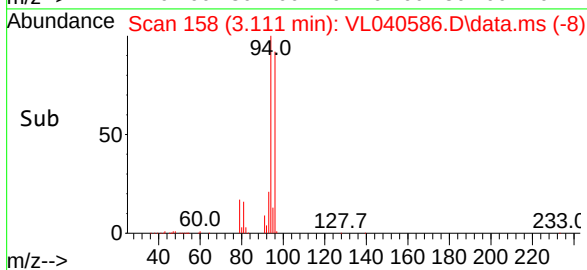
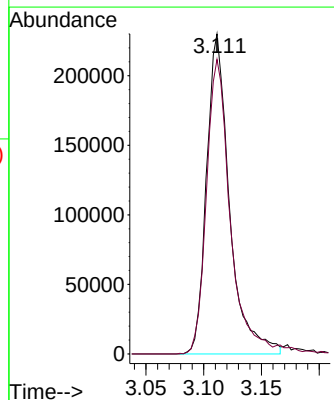
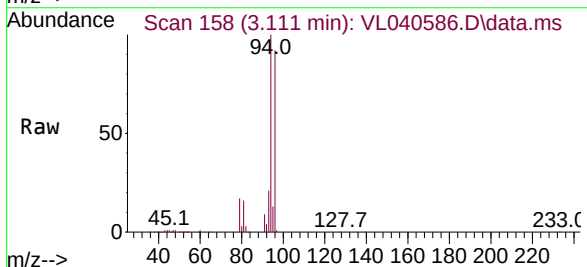
Manual Integrations
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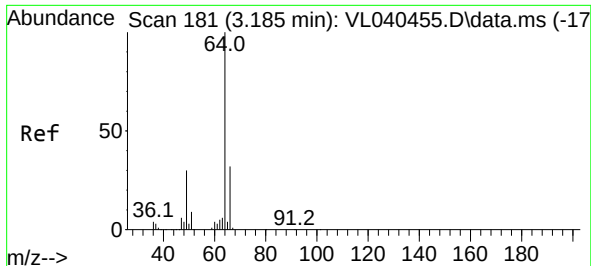
Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023



#6
 Bromomethane
 Concen: 9.388 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

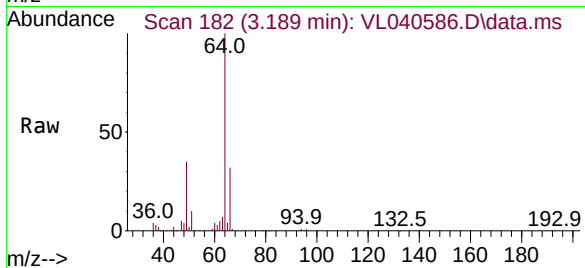
Tgt Ion: 94 Resp: 318448
 Ion Ratio Lower Upper
 94 100
 96 91.8 75.7 113.5





#7
Chloroethane
Concen: 9.739 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

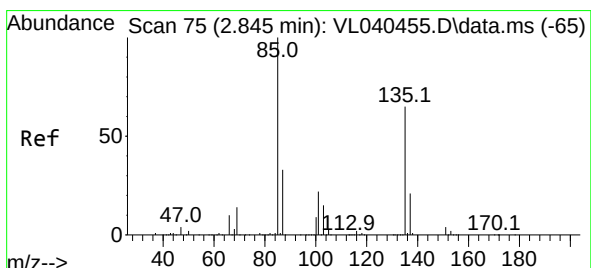
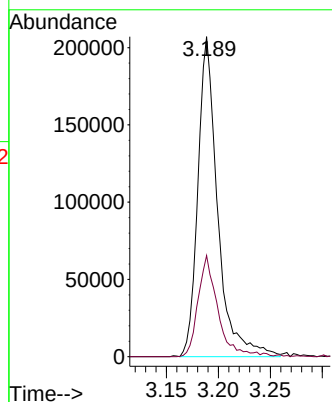
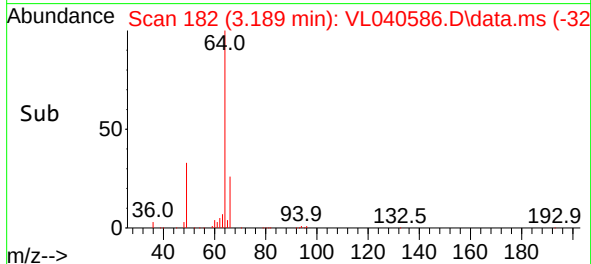
Instrument :
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ClientSampleId :
VL0804ABS01



Tgt Ion: 64 Resp: 274630
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6

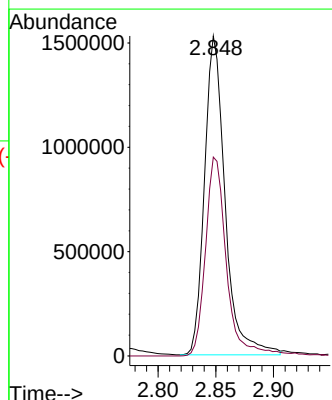
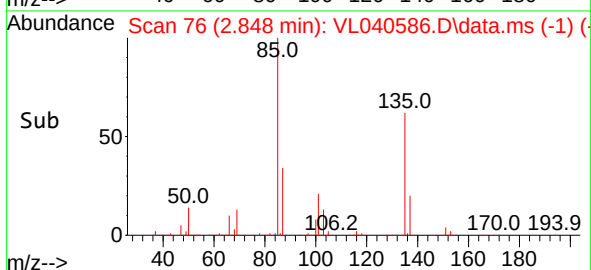
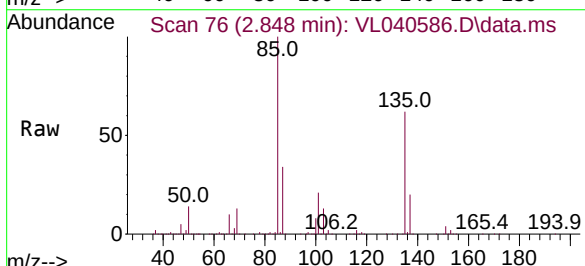
Manual Integrations
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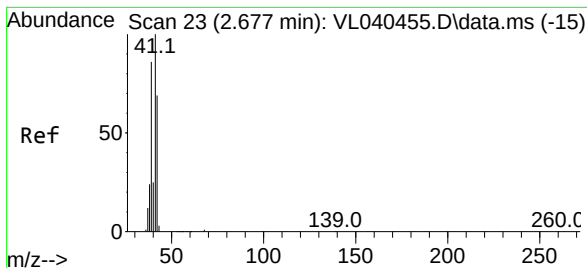
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#8
Dichlorotetrafluoroethane
Concen: 9.476 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 85 Resp: 1900829
Ion Ratio Lower Upper
85 100
135 64.5 52.4 78.6





#9

Propene

Concen: 8.060 ppbv

RT: 2.684 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

Tgt Ion: 41 Resp: 533080

Ion Ratio Lower Upper

41 100

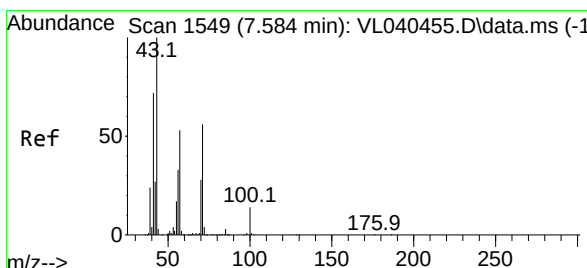
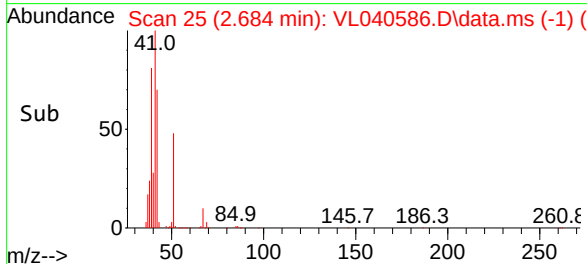
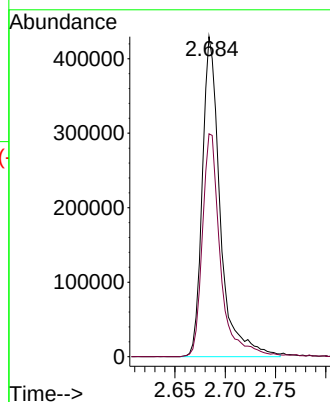
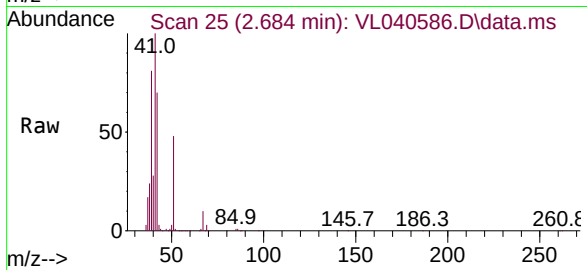
42 71.0 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023

Supervised By :Mahesh Dadoda 08/07/2023



#10

Heptane

Concen: 9.347 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.010 min

Lab File: VL040586.D

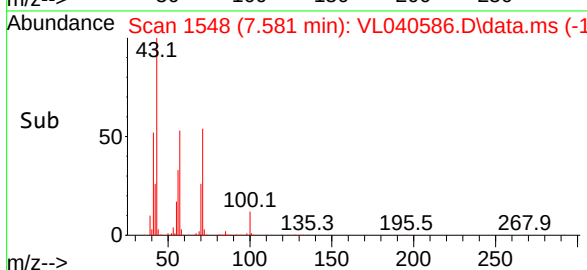
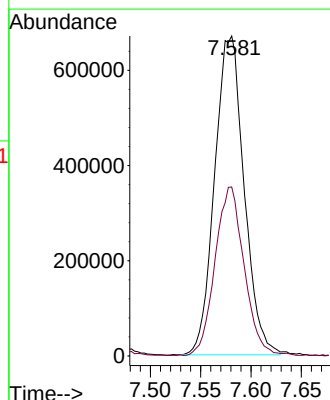
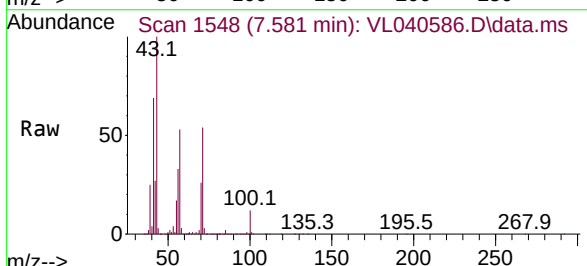
Acq: 4 Aug 2023 10:02

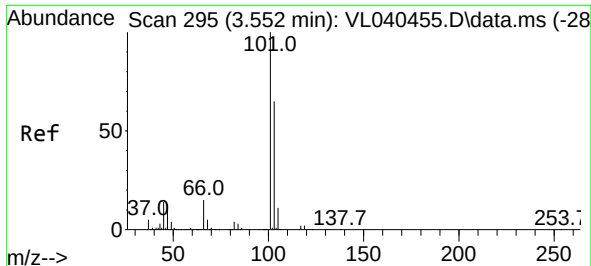
Tgt Ion: 43 Resp: 1365088

Ion Ratio Lower Upper

43 100

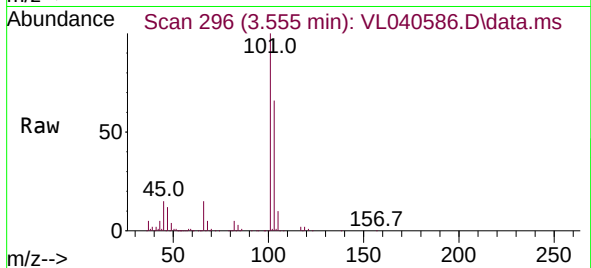
57 53.0 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 10.289 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

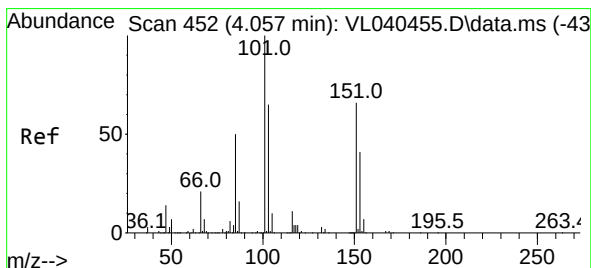
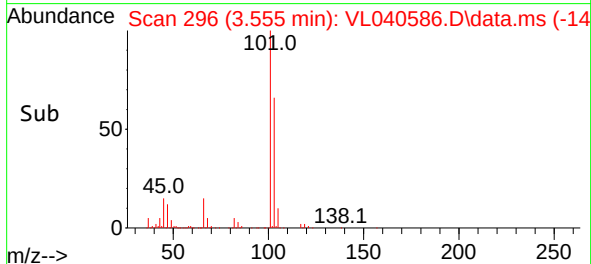
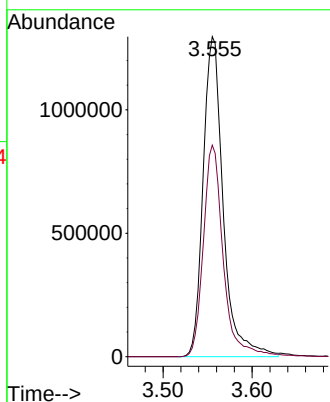
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01



Tgt Ion:101 Resp: 2024311
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.4 80.0

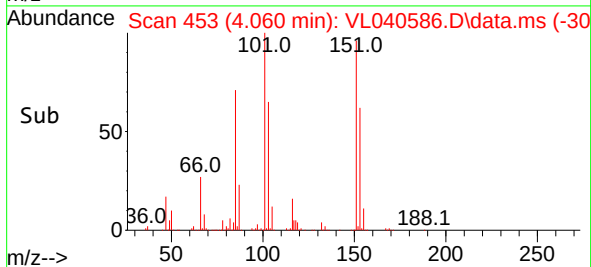
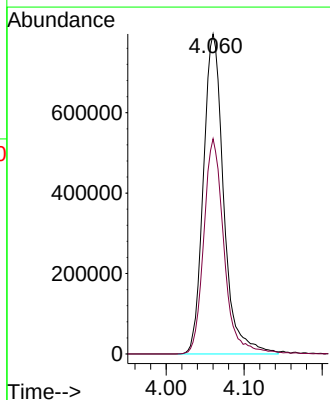
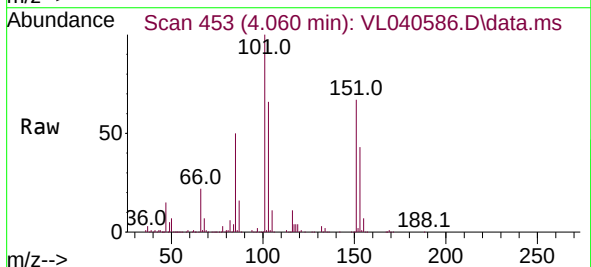
Manual Integrations
 APPROVED

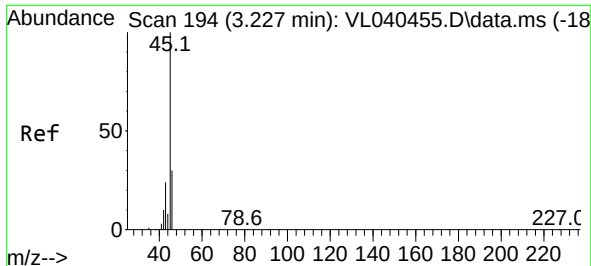
Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.389 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.013 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

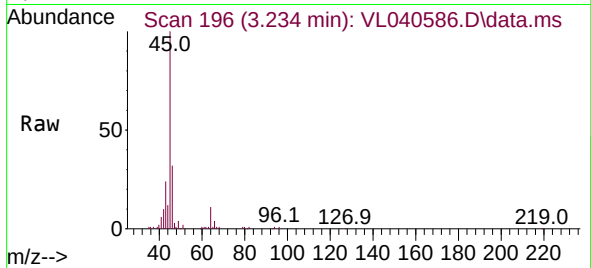
Tgt Ion:101 Resp: 1439430
 Ion Ratio Lower Upper
 101 100
 151 67.3 58.2 87.4





#13
Ethanol
Concen: 8.184 ppbv
RT: 3.234 min Scan# 196
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

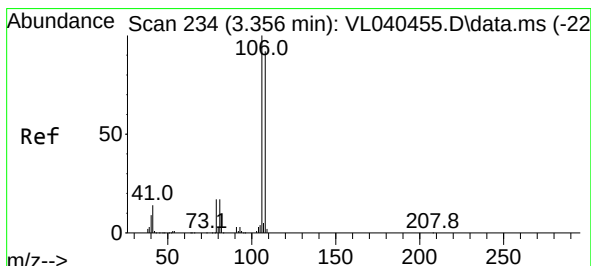
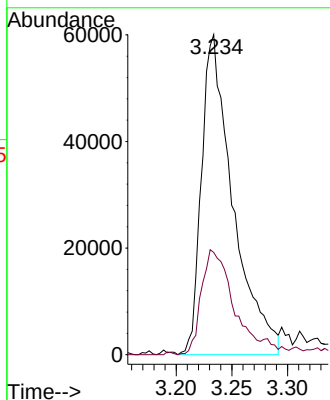
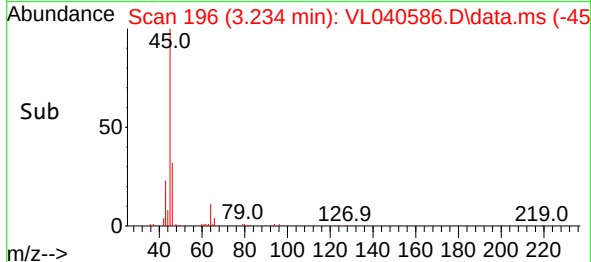
Instrument : MSVOA_L
ClientSampleId : VL0804ABS01



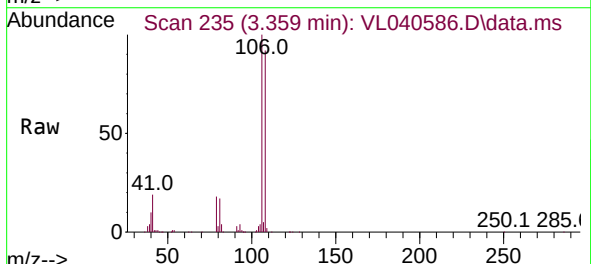
Tgt Ion: 45 Resp: 117779
Ion Ratio Lower Upper
45 100
46 37.7 15.3 61.1

Manual Integrations
APPROVED

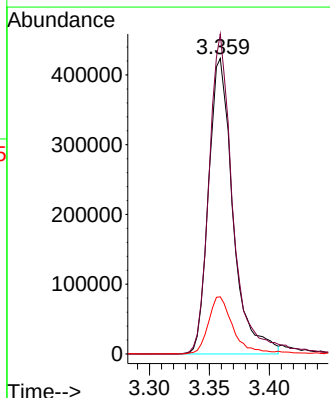
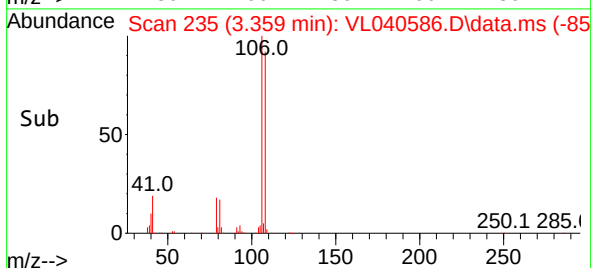
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

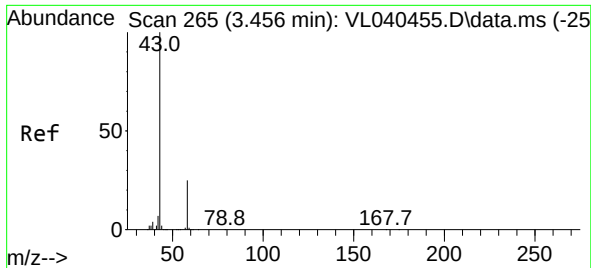


#14
Bromoethene
Concen: 10.050 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



Tgt Ion:108 Resp: 598772
Ion Ratio Lower Upper
108 100
106 108.0 87.2 130.8
79 20.3 15.3 22.9





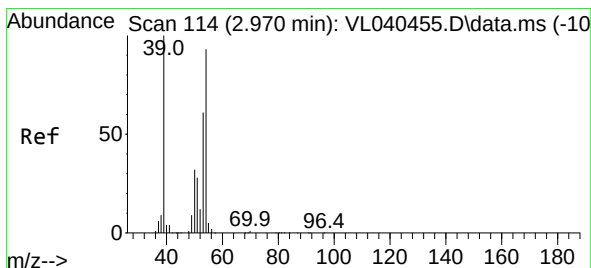
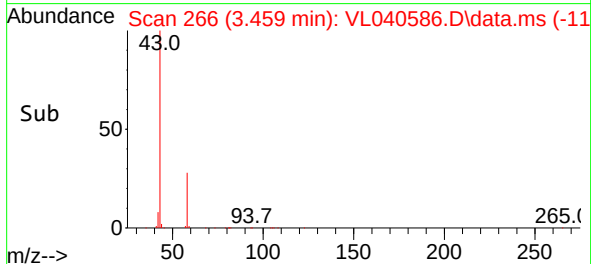
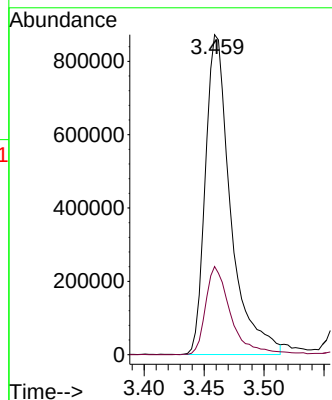
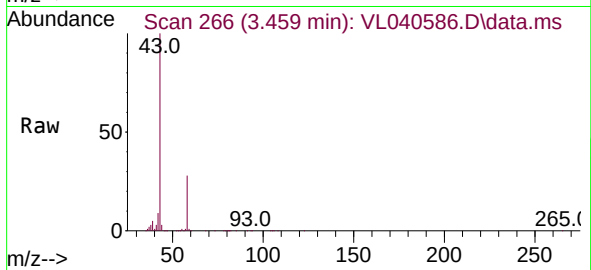
#15
Acetone
Concen: 9.127 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

Tgt Ion: 43 Resp: 128059
Ion Ratio Lower Upper
43 100
58 27.7 22.9 34.3

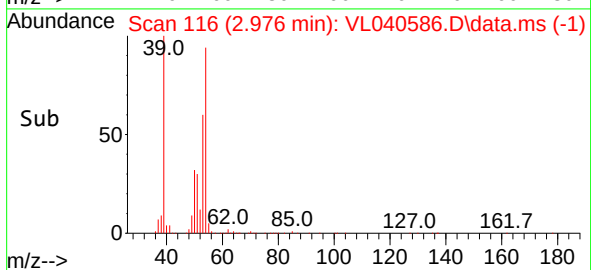
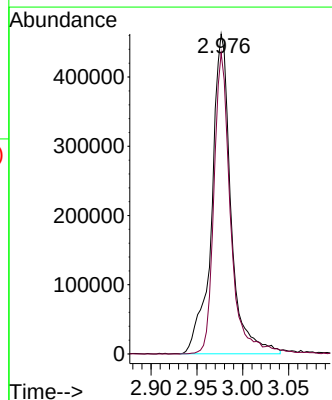
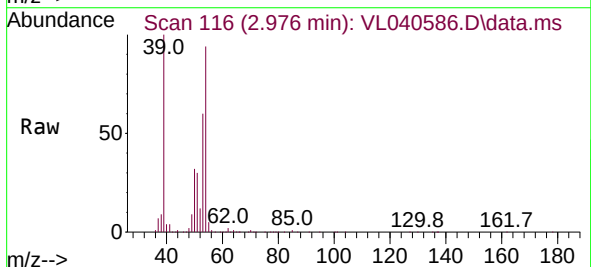
Manual Integrations
APPROVED

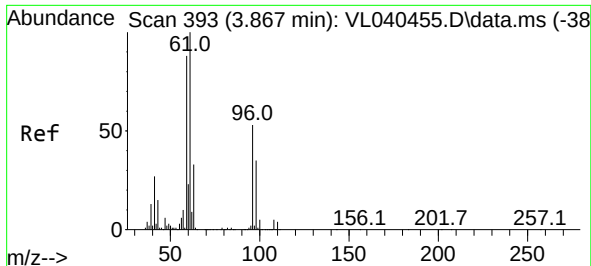
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#16
1,3-Butadiene
Concen: 9.559 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 39 Resp: 676646
Ion Ratio Lower Upper
39 100
54 82.1 66.6 100.0





#17

tert-Butyl alcohol

Concen: 10.309 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

Tgt Ion: 59 Resp: 1496110

Ion Ratio Lower Upper

59 100

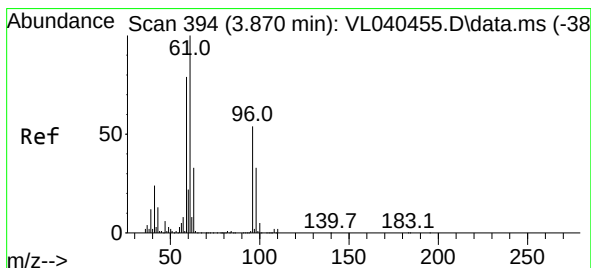
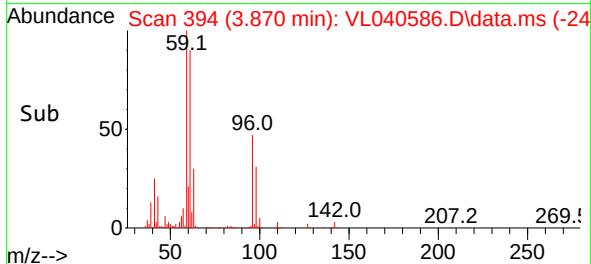
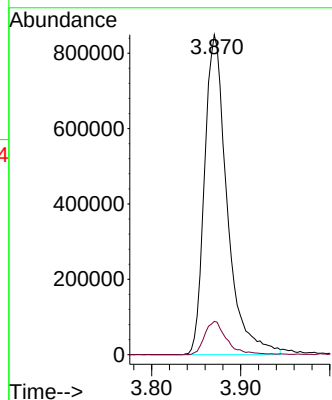
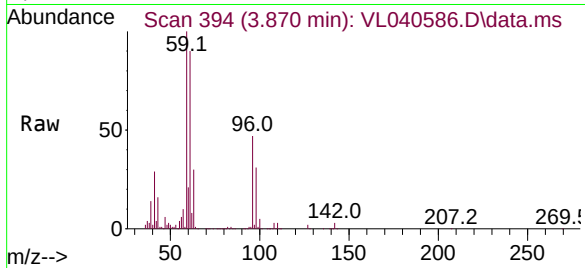
57 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023

Supervised By :Mahesh Dadoda 08/07/2023



#18

1,1-Dichloroethene

Concen: 10.250 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.016 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

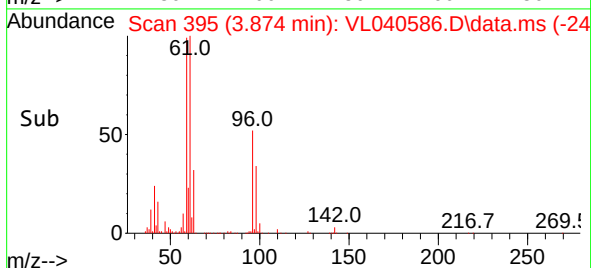
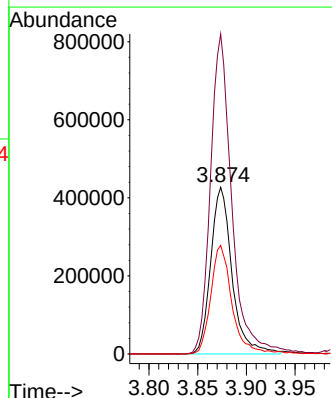
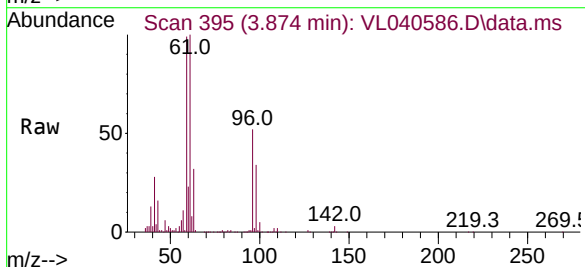
Tgt Ion: 96 Resp: 652927

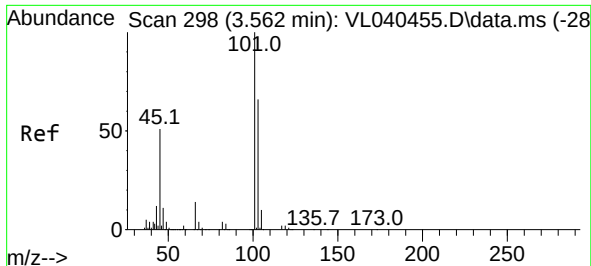
Ion Ratio Lower Upper

96 100

61 192.0 154.4 231.6

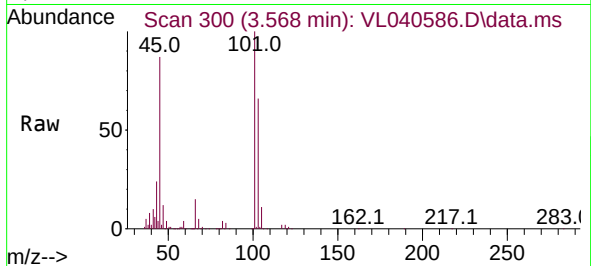
98 65.2 50.0 75.0





#19
Isopropyl Alcohol
Concen: 10.287 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

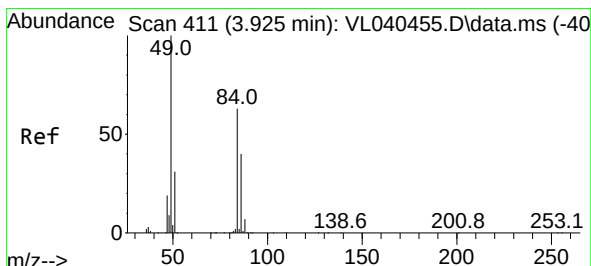
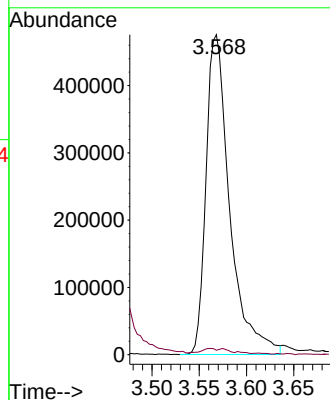
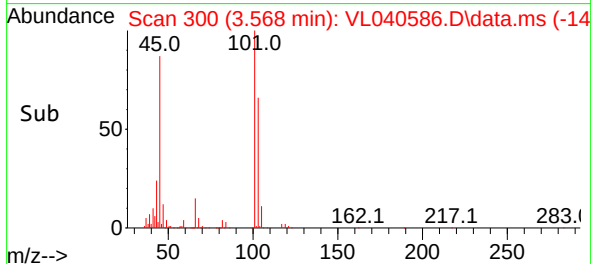
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



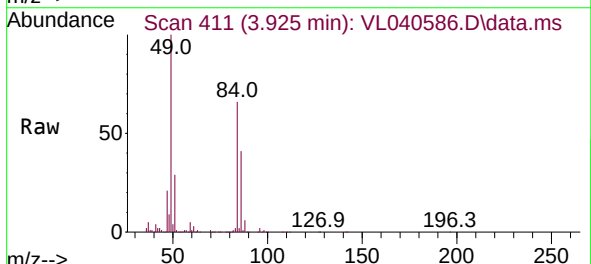
Tgt Ion: 45 Resp: 82856
Ion Ratio Lower Upper
45 100
58 3.0 1.1 1.7

Manual Integrations
APPROVED

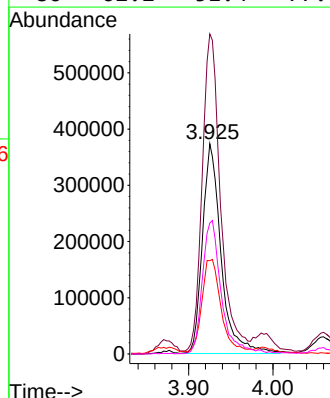
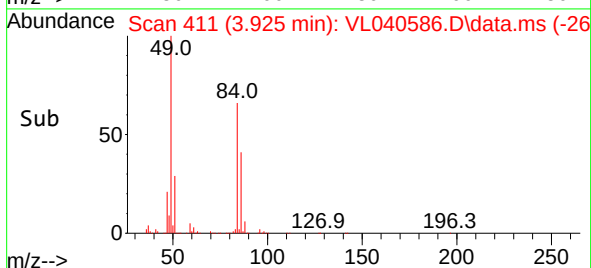
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

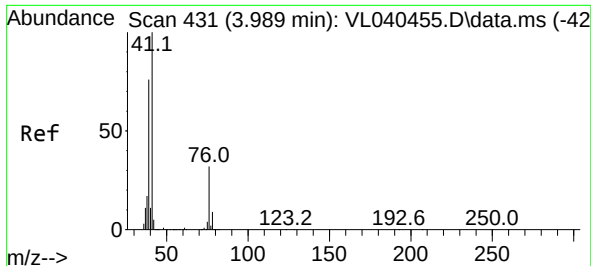


#20
Methylene Chloride
Concen: 9.665 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



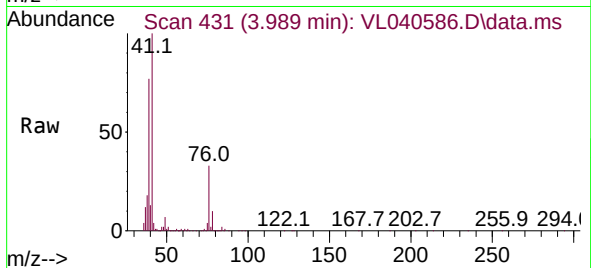
Tgt Ion: 84 Resp: 576798
Ion Ratio Lower Upper
84 100
49 151.1 123.4 185.2
51 43.6 38.3 57.5
86 62.2 51.4 77.0





#21
 Allyl Chloride
 Concen: 9.631 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

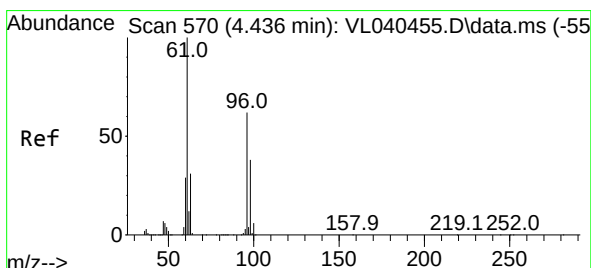
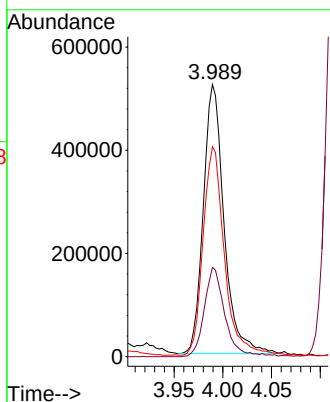
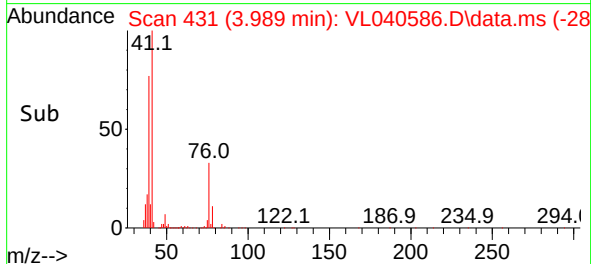
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01



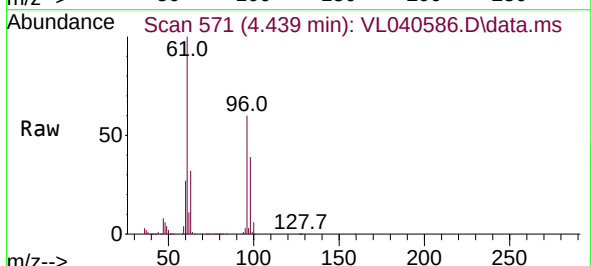
Tgt Ion: 41 Resp: 77165
 Ion Ratio Lower Upper
 41 100
 76 33.1 24.8 37.2
 39 81.1 60.6 91.0

Manual Integrations
 APPROVED

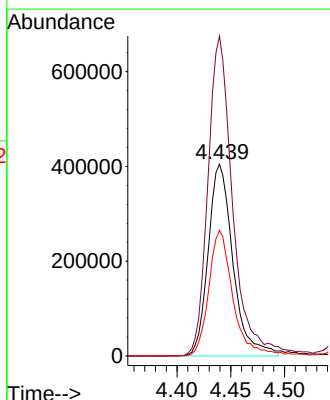
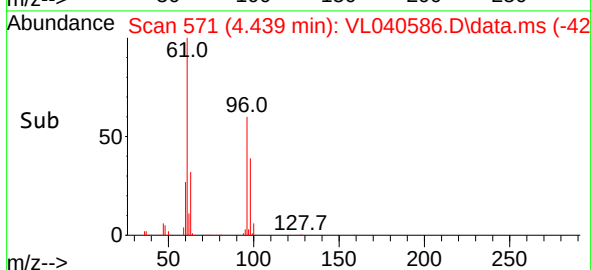
Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023

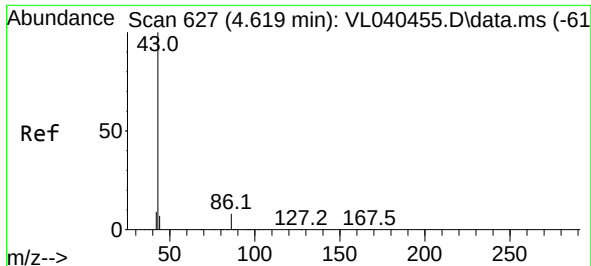


#22
 trans-1,2-Dichloroethene
 Concen: 10.351 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.013 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02



Tgt Ion: 96 Resp: 650502
 Ion Ratio Lower Upper
 96 100
 61 166.9 137.7 206.5
 98 65.5 52.9 79.3





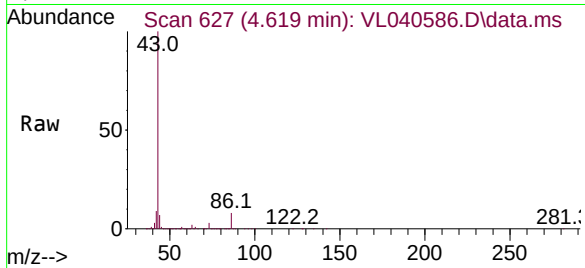
#23
 Vinyl Acetate
 Concen: 9.891 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

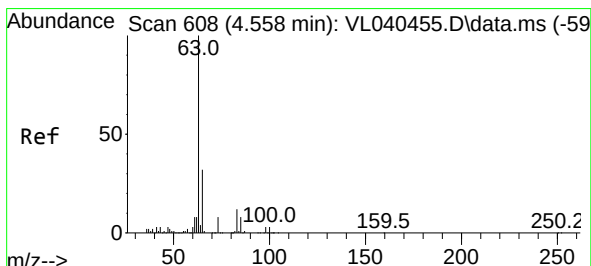
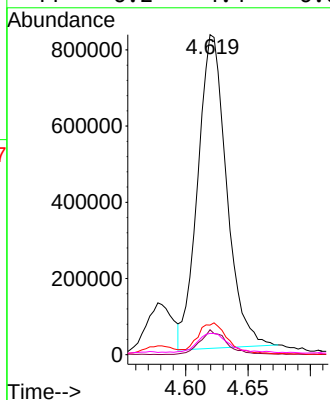
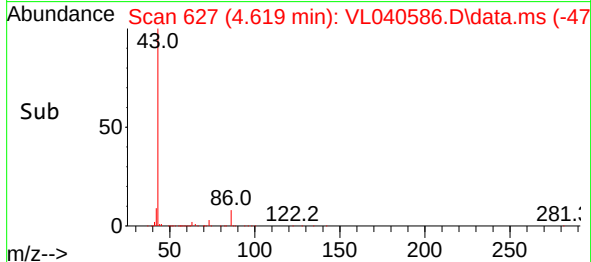


Tgt Ion: 43 Resp: 1322070
 Ion Ratio Lower Upper
 43 100
 86 7.8 5.6 8.4
 42 9.2 7.4 11.2
 44 6.2 4.4 6.6

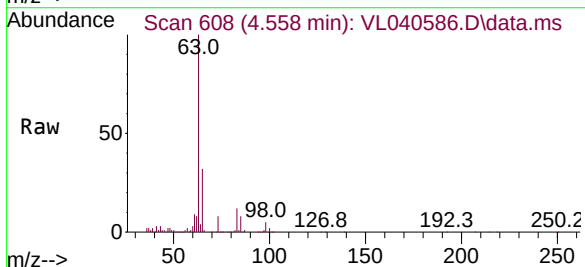
Manual Integrations

APPROVED

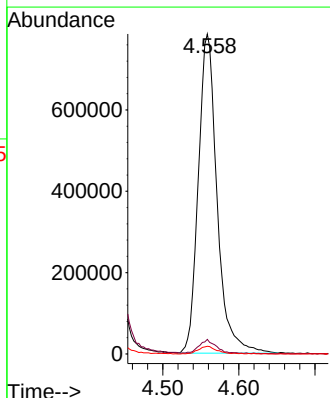
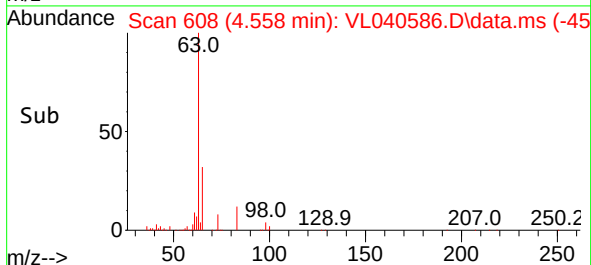
Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023

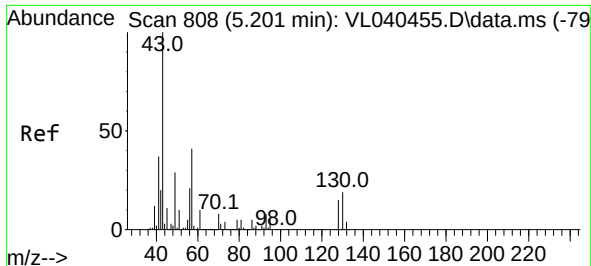


#24
 1,1-Dichloroethane
 Concen: 9.907 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.013 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02



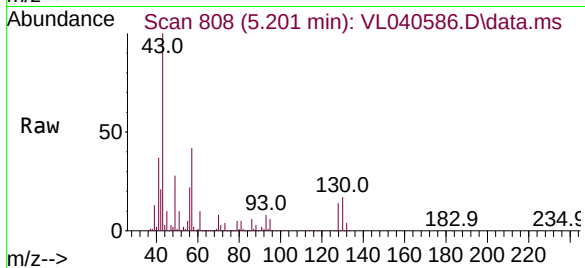
Tgt Ion: 63 Resp: 1344108
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.8 5.5
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 9.167 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

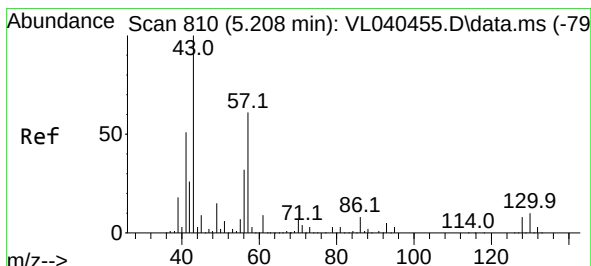
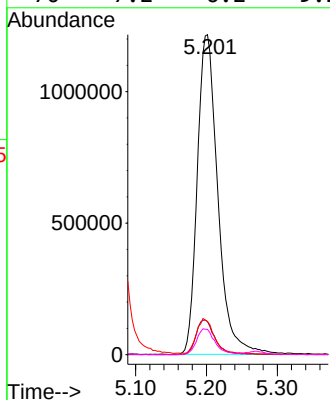
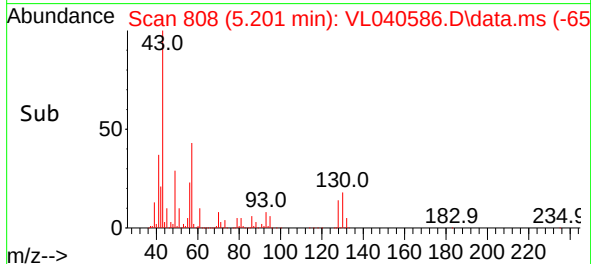
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



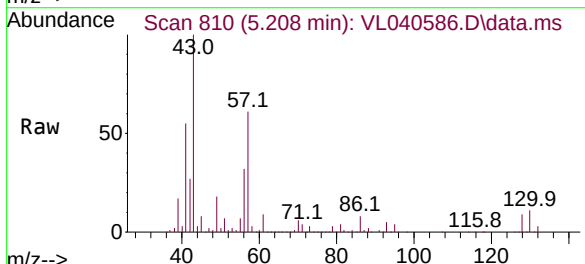
Tgt Ion: 43 Resp: 244864
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.3 8.3 12.5
70 7.2 6.2 9.2

Manual Integrations
APPROVED

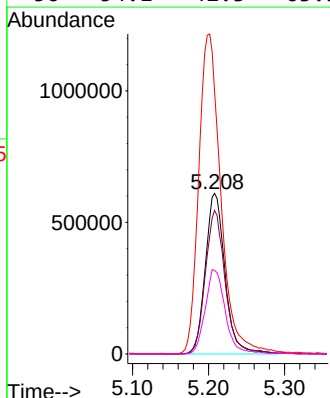
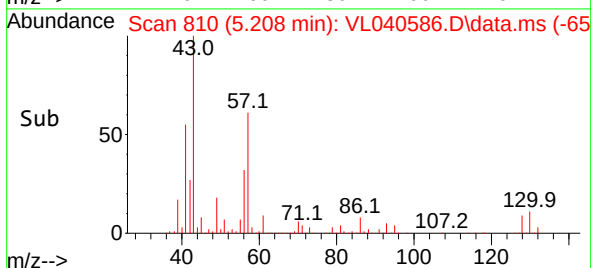
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

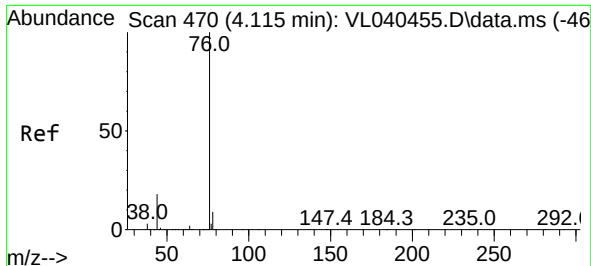


#26
Hexane
Concen: 8.813 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



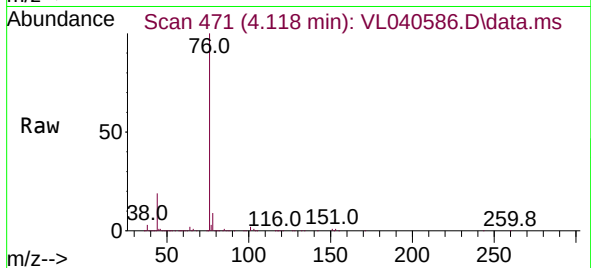
Tgt Ion: 57 Resp: 1093631
Ion Ratio Lower Upper
57 100
41 91.3 69.5 104.3
43 225.3 177.1 265.7
56 54.1 42.3 63.5





#27
Carbon Disulfide
Concen: 11.139 ppbv
RT: 4.118 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

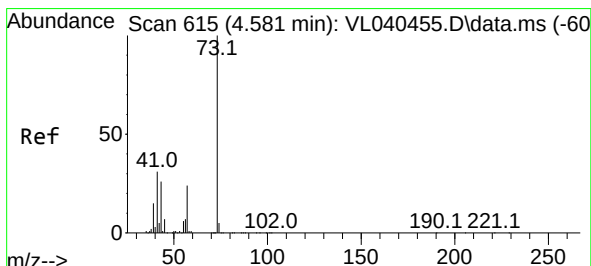
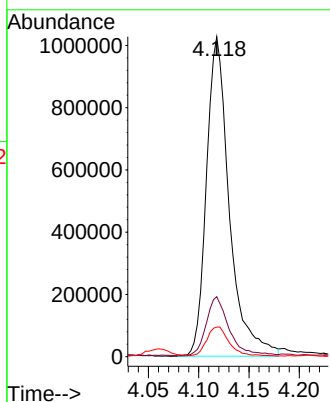
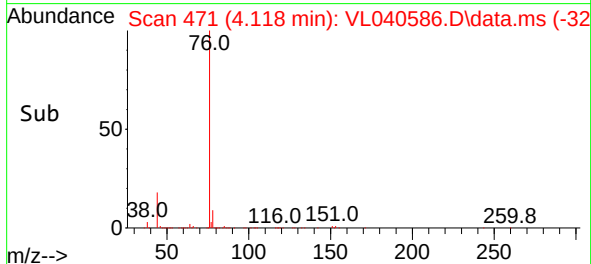
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion: 76 Resp: 162596
Ion Ratio Lower Upper
76 100
44 18.9 15.1 22.7
78 9.5 7.5 11.3

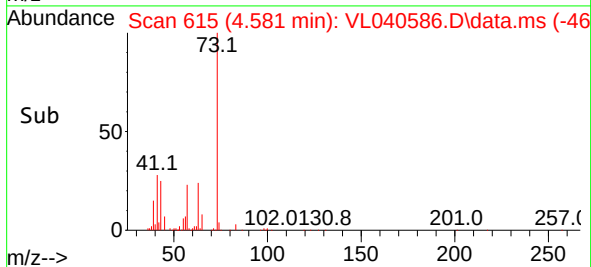
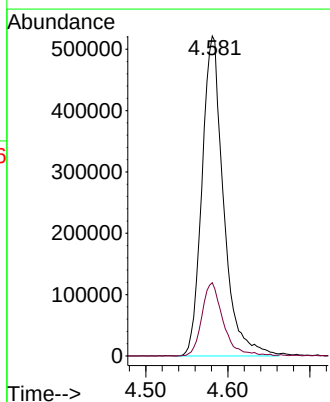
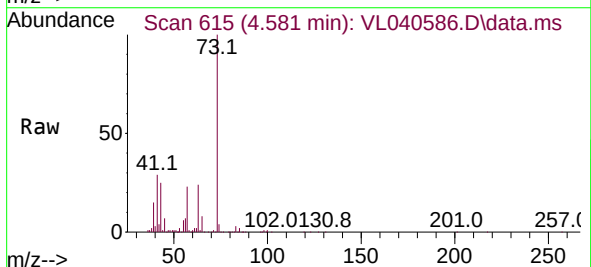
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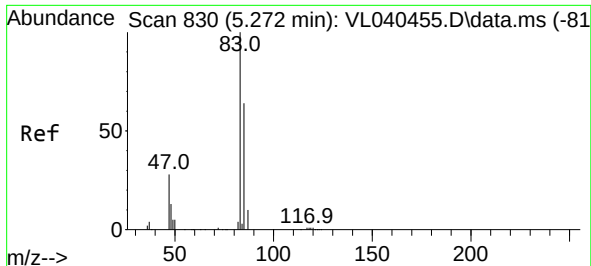
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#28
Methyl tert-Butyl Ether
Concen: 9.533 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 73 Resp: 952418
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29

Chloroform

Concen: 9.359 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

Tgt Ion: 83 Resp: 192633

Ion Ratio Lower Upper

83 100

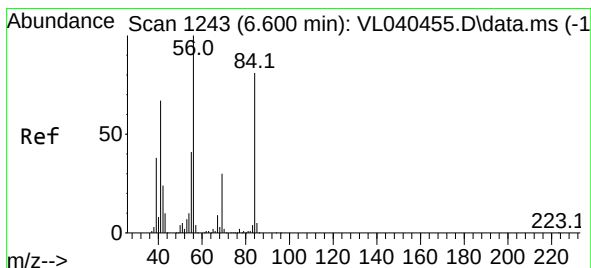
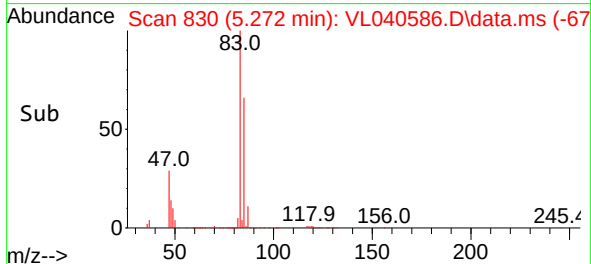
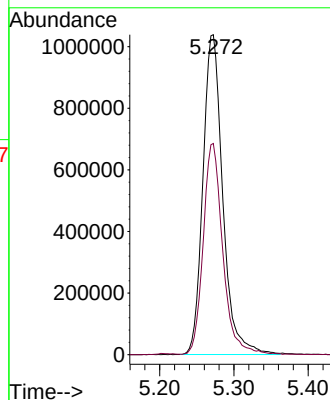
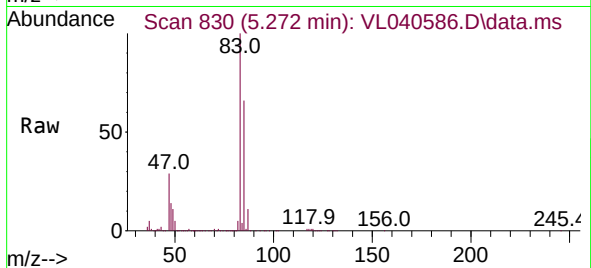
85 65.9 51.1 76.7

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Reviewed By :Semsettin Yesilyurt 08/07/2023

Supervised By :Mahesh Dadoda 08/07/2023



#30

Cyclohexane

Concen: 8.757 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

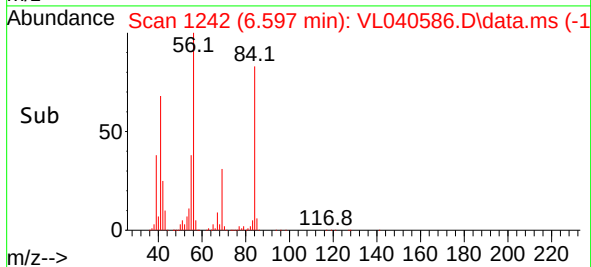
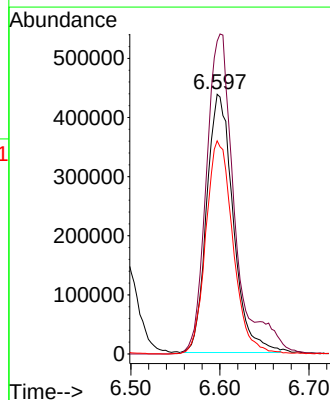
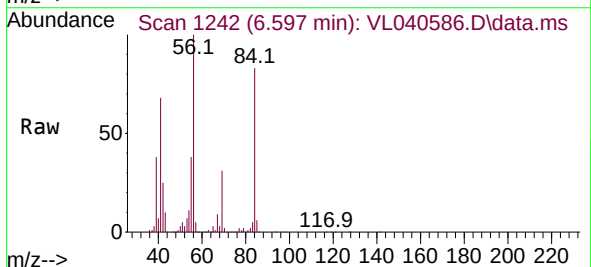
Tgt Ion: 84 Resp: 904202

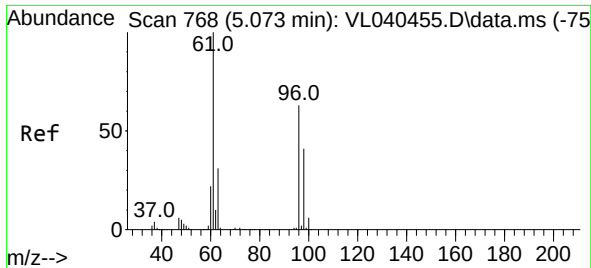
Ion Ratio Lower Upper

84 100

56 133.6 108.7 163.1

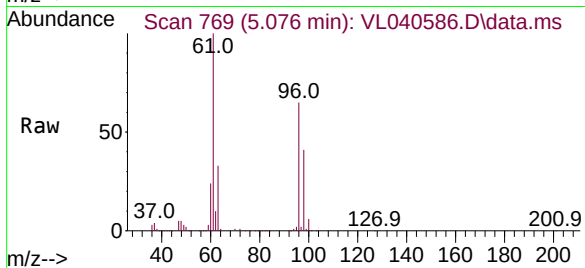
41 85.0 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.171 ppbv
 RT: 5.076 min Scan# 768
 Delta R.T. -0.010 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

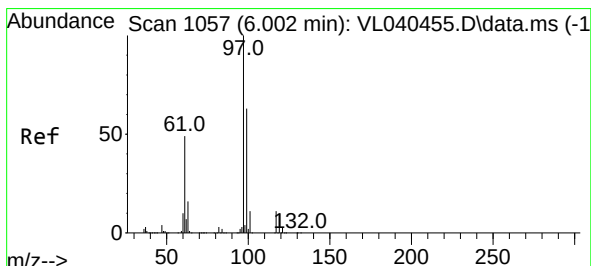
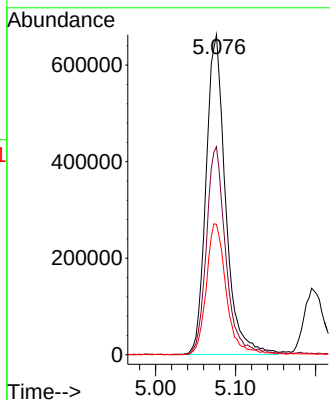
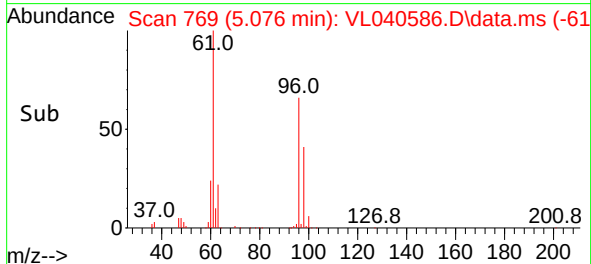
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01



Tgt Ion: 61 Resp: 1124886
 Ion Ratio Lower Upper
 61 100
 96 64.9 54.7 82.1
 98 40.8 34.6 52.0

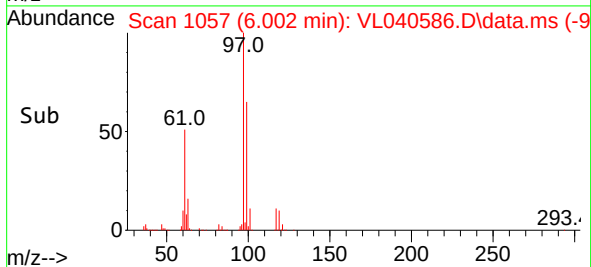
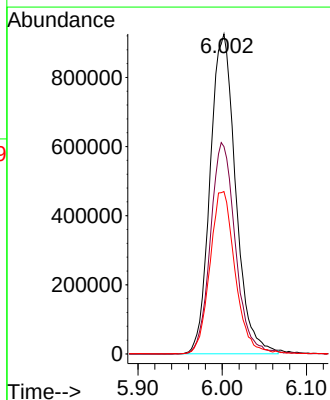
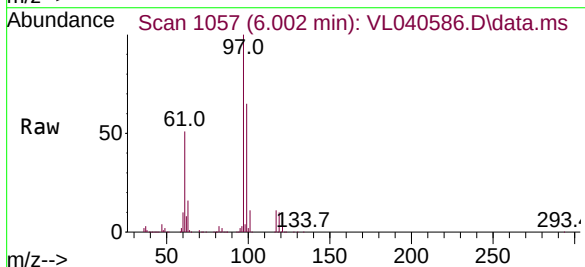
Manual Integrations
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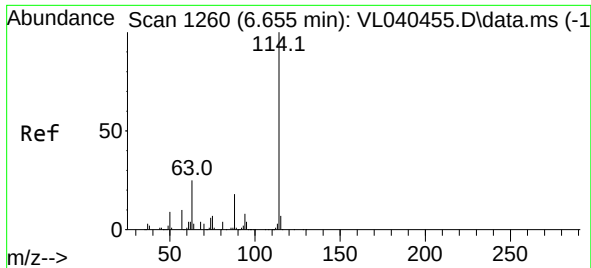
Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.647 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.010 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

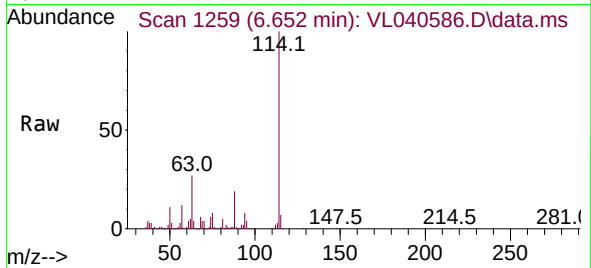
Tgt Ion: 97 Resp: 1942832
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.0 78.0
 61 50.8 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

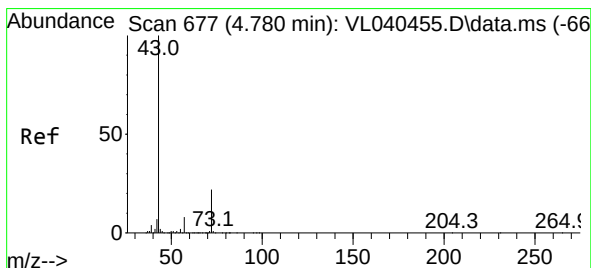
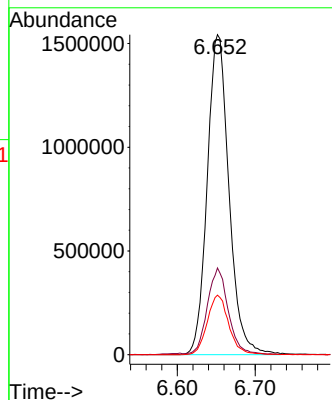
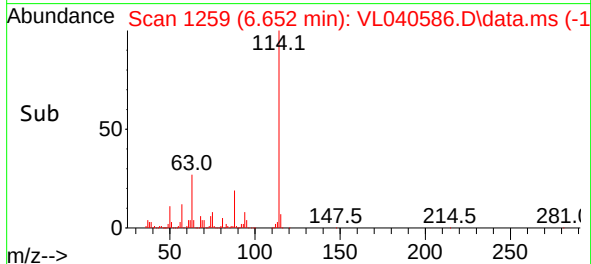
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



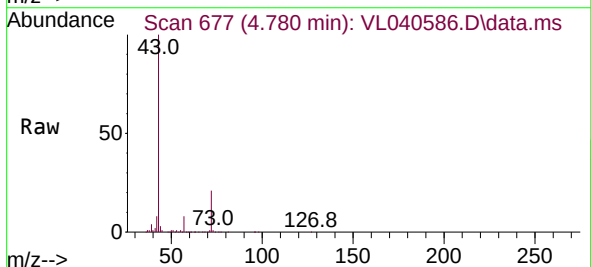
Tgt Ion:114 Resp: 299341
Ion Ratio Lower Upper
114 100
63 26.6 19.6 29.4
88 18.4 14.2 21.2

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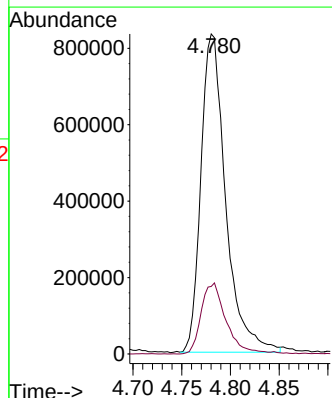
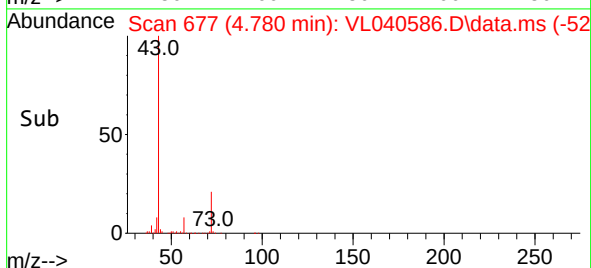
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

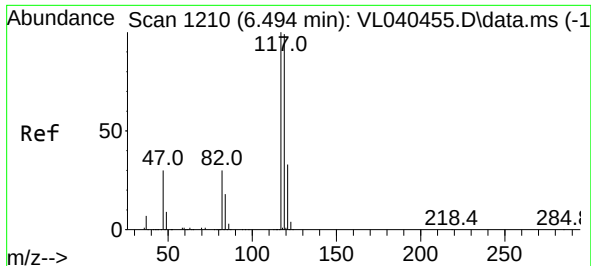


#34
2-Butanone
Concen: 9.947 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



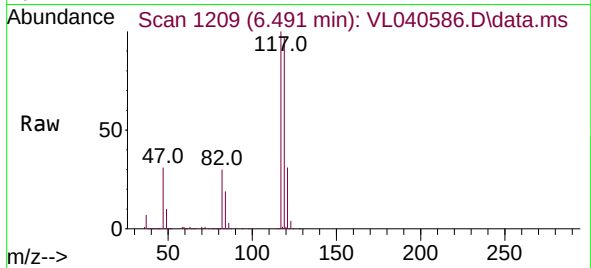
Tgt Ion: 43 Resp: 1471334
Ion Ratio Lower Upper
43 100
72 22.7 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.175 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

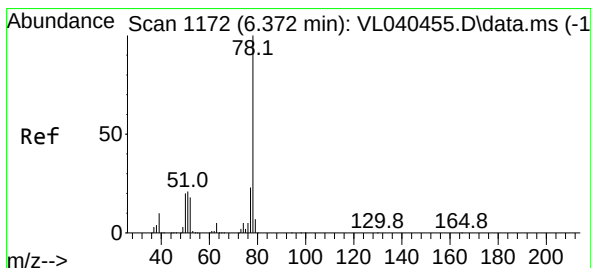
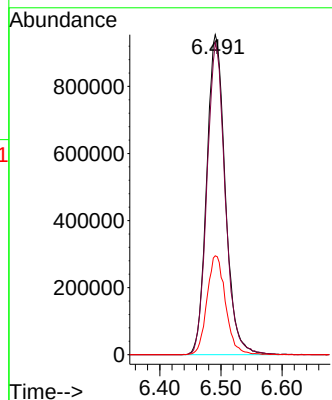
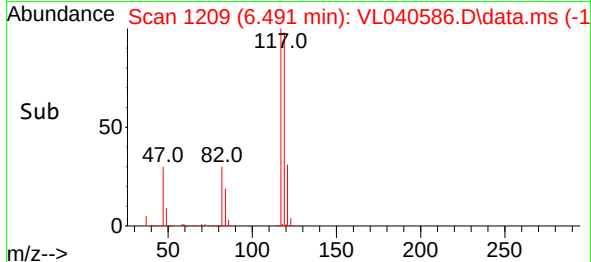
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion: 117 Resp: 201322
Ion Ratio Lower Upper
117 100
119 97.4 77.8 116.6
121 30.9 24.8 37.2

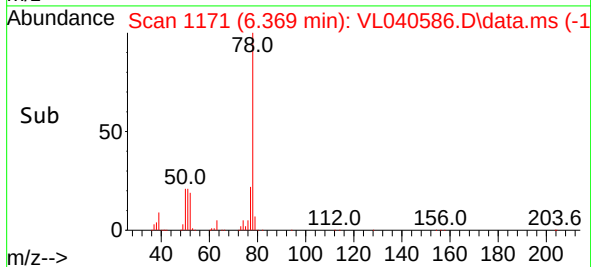
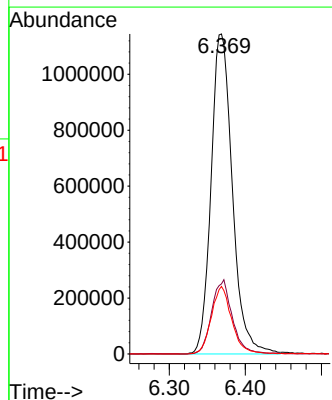
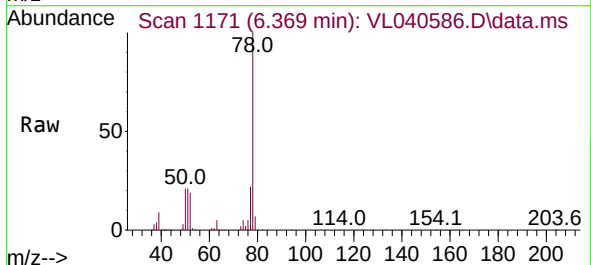
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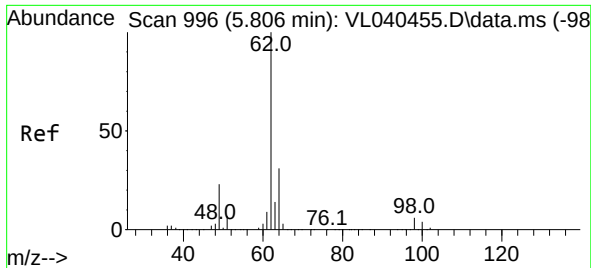
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#36
Benzene
Concen: 9.250 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 78 Resp: 2228028
Ion Ratio Lower Upper
78 100
77 21.9 17.4 26.0
50 21.1 14.4 21.6





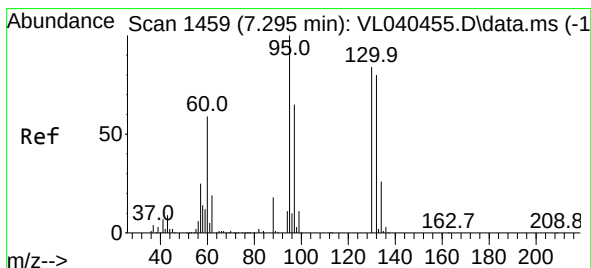
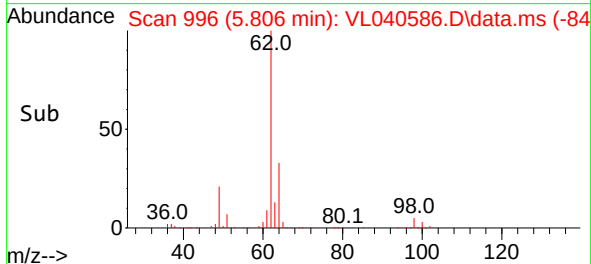
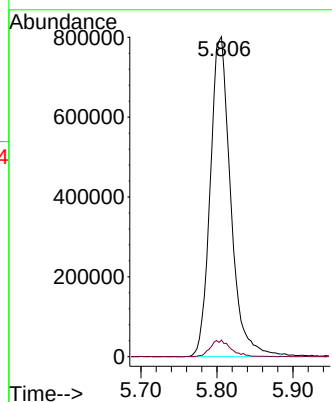
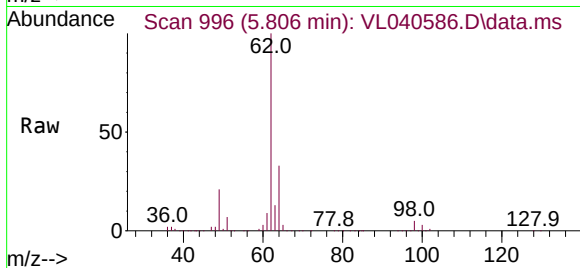
#37
1,2-Dichloroethane
Concen: 10.551 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

Tgt Ion: 62 Resp: 1495079
Ion Ratio Lower Upper
62 100
98 5.3 5.1 7.7

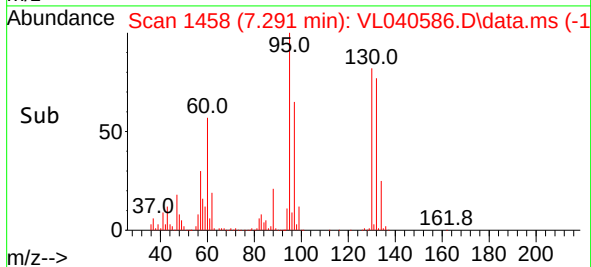
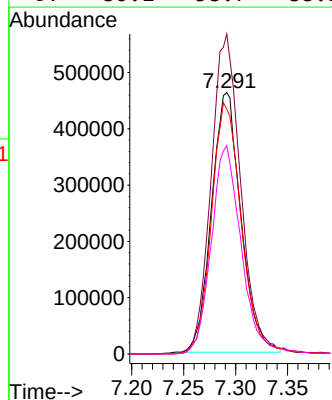
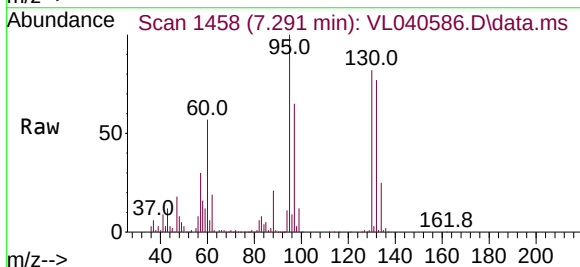
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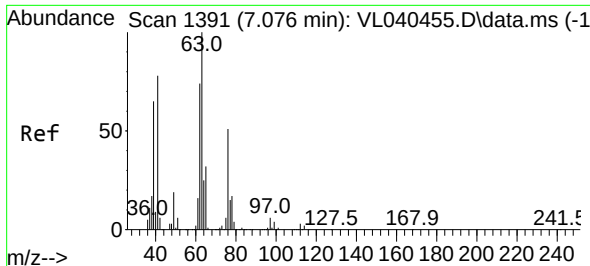
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#38
Trichloroethene
Concen: 9.959 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:130 Resp: 907287
Ion Ratio Lower Upper
130 100
95 122.9 90.2 135.2
132 94.1 76.3 114.5
97 80.1 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.409 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. -0.010 min

Lab File: VL040586.D

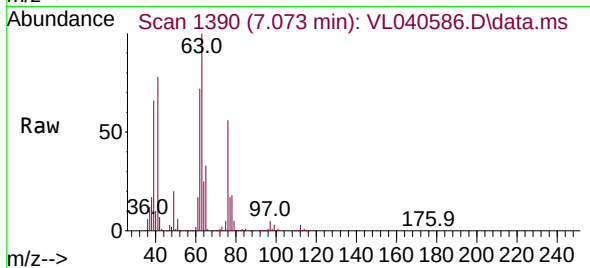
Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01



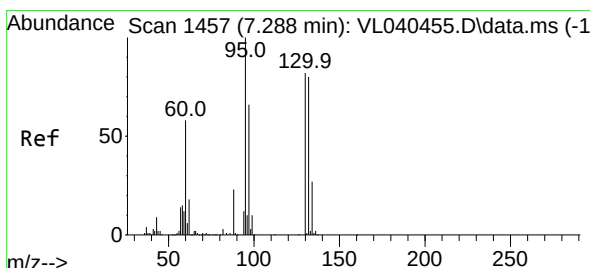
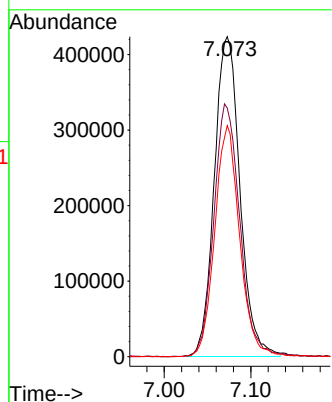
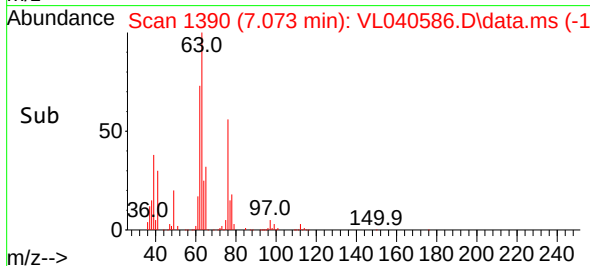
Tgt Ion: 63 Resp: 872360

Ion	Ratio	Lower	Upper
63	100		
41	77.7	54.3	81.5
62	72.1	55.6	83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#40

1,4-Dioxane

Concen: 10.286 ppbv

RT: 7.285 min Scan# 1456

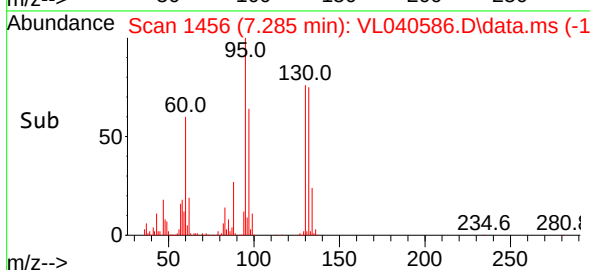
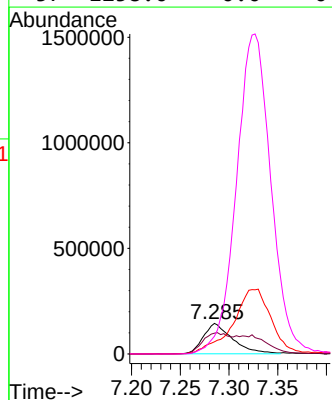
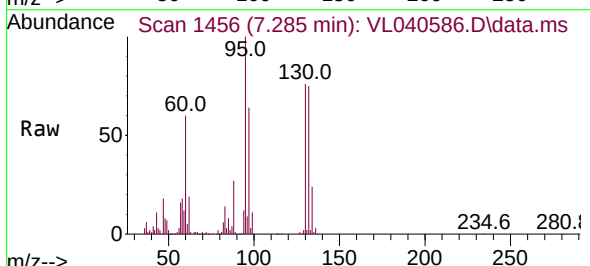
Delta R.T. -0.013 min

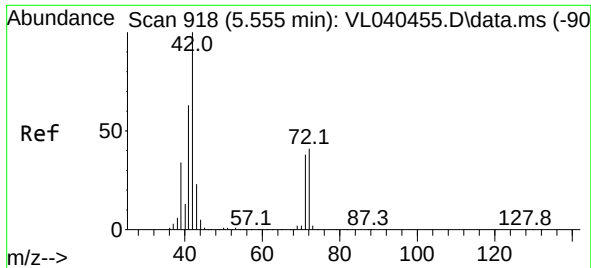
Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Tgt Ion: 88 Resp: 298307

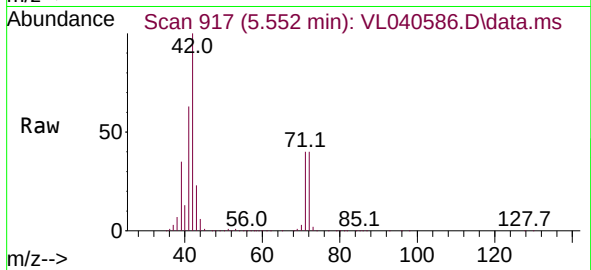
Ion	Ratio	Lower	Upper
88	100		
58	133.5	58.6	88.0#
43	286.6	0.0	0.0#
57	1258.0	0.0	0.0#





#41
Tetrahydrofuran
Concen: 9.371 ppbv
RT: 5.552 min Scan# 918
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

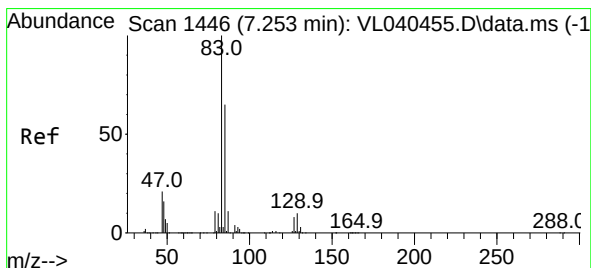
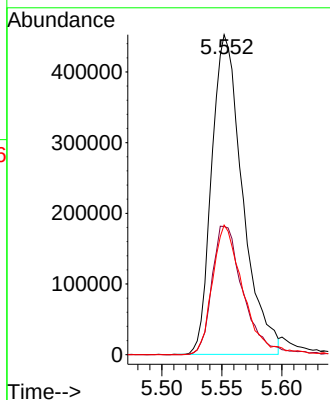
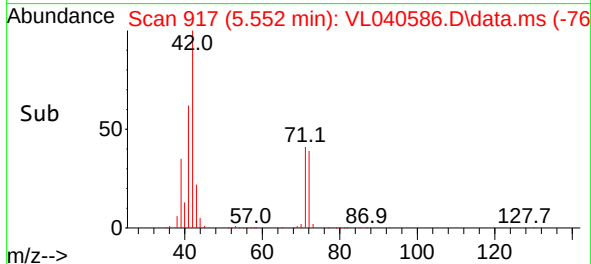
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



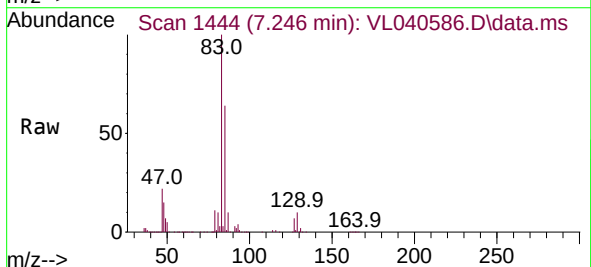
Tgt Ion: 42 Resp: 808904
Ion Ratio Lower Upper
42 100
72 41.5 33.8 50.8
71 40.9 33.0 49.6

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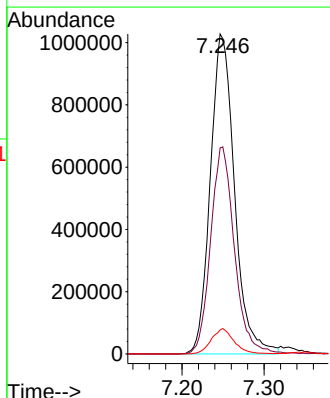
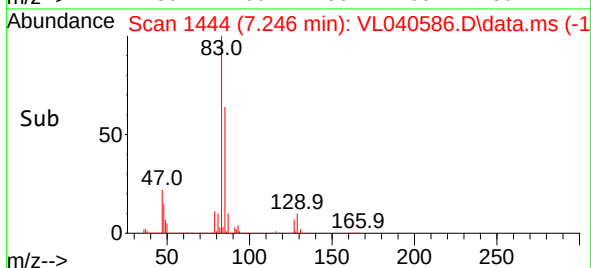
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

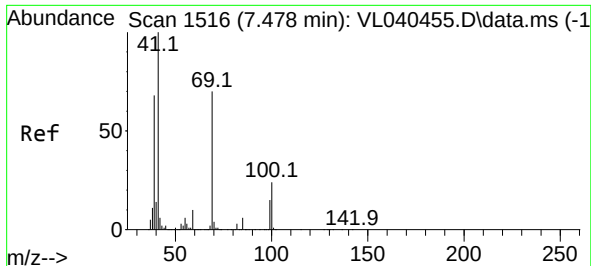


#42
Bromodichloromethane
Concen: 10.711 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



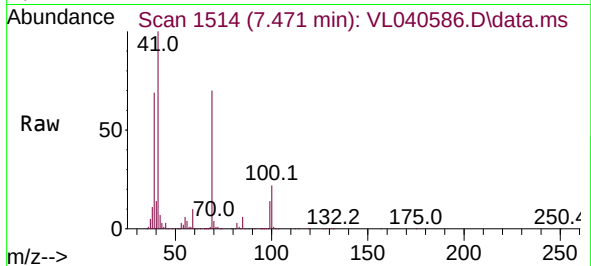
Tgt Ion: 83 Resp: 2110801
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 7.5 6.5 9.7





#43
Methyl Methacrylate
Concen: 10.238 ppbv
RT: 7.471 min Scan# 1469
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

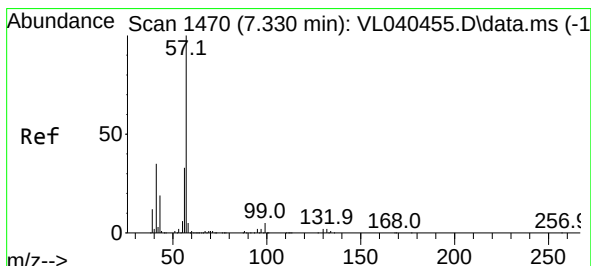
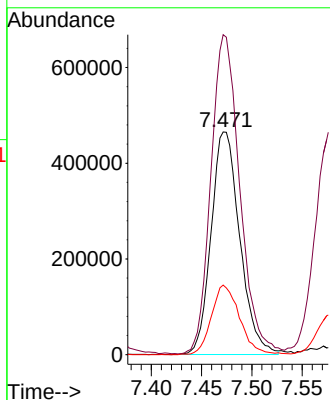
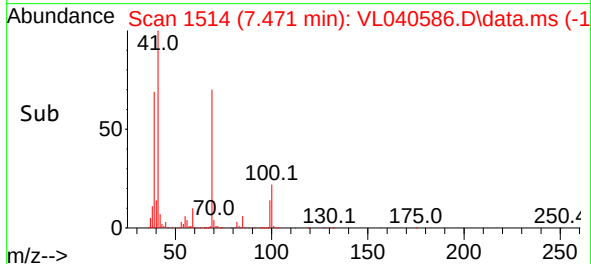
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



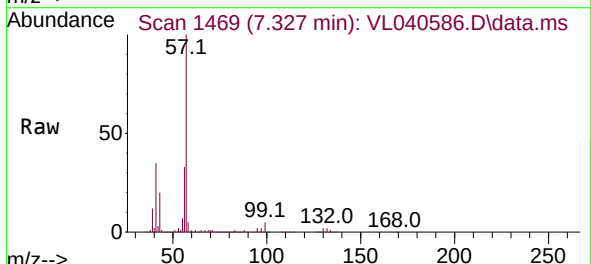
Tgt Ion: 69 Resp: 92294
Ion Ratio Lower Upper
69 100
41 145.1 111.7 167.5
100 30.8 26.9 40.3

Manual Integrations
APPROVED

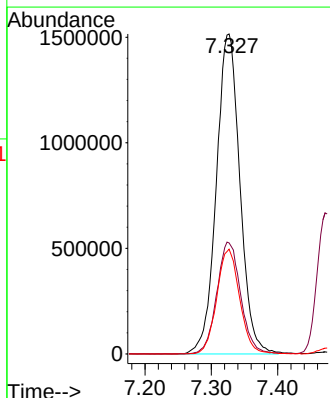
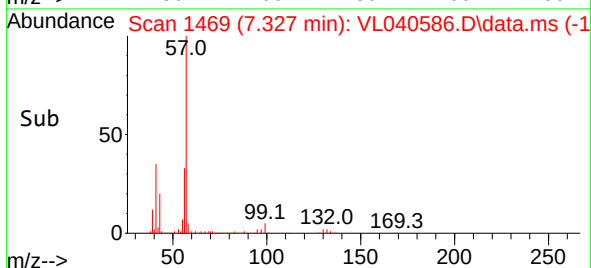
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

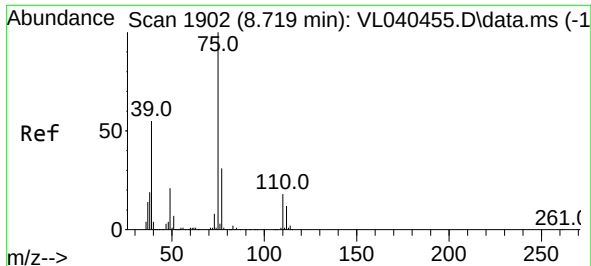


#44
2,2,4-Trimethylpentane
Concen: 9.660 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



Tgt Ion: 57 Resp: 3743288
Ion Ratio Lower Upper
57 100
41 35.4 25.5 38.3
56 31.8 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 10.833 ppbv

RT: 8.713 min Scan# 1902

Delta R.T. -0.010 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

Tgt Ion: 75 Resp: 626490

Ion Ratio Lower Upper

75 100

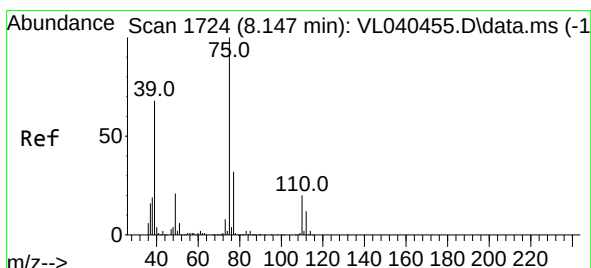
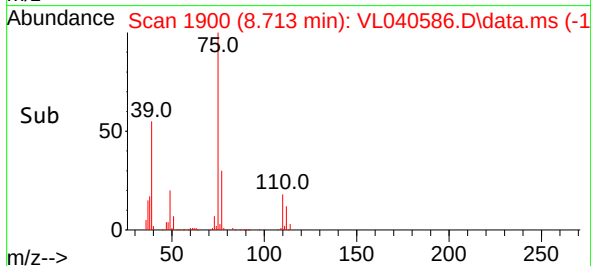
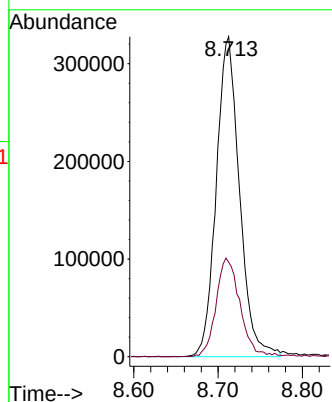
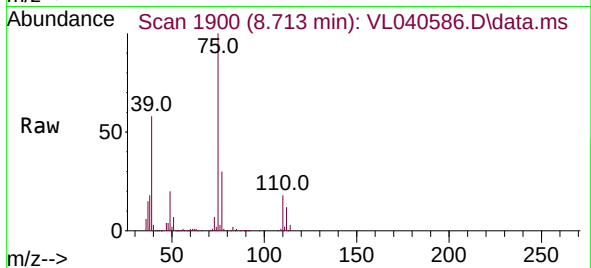
77 29.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023

Supervised By :Mahesh Dadoda 08/07/2023



#46

cis-1,3-Dichloropropene

Concen: 10.137 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. -0.010 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

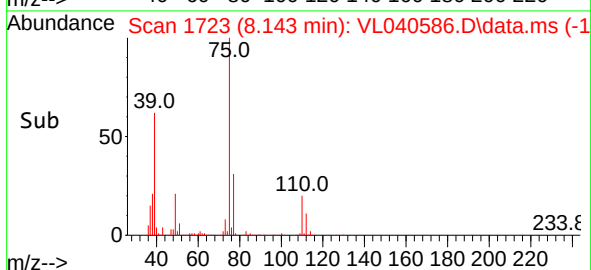
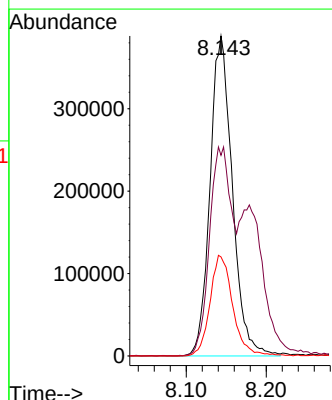
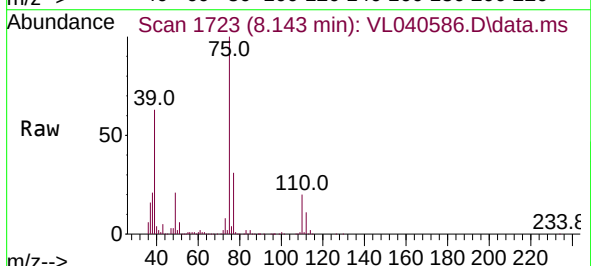
Tgt Ion: 75 Resp: 752163

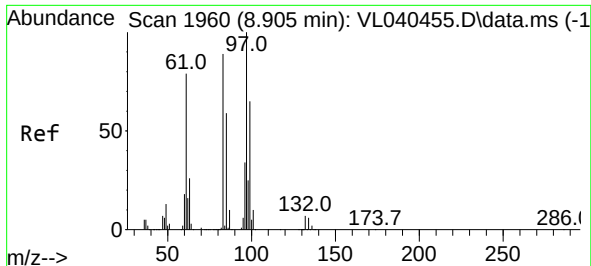
Ion Ratio Lower Upper

75 100

39 62.5 48.0 72.0

77 31.0 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.545 ppbv

RT: 8.899 min Scan# 1960

Delta R.T. -0.010 min

Lab File: VL040586.D

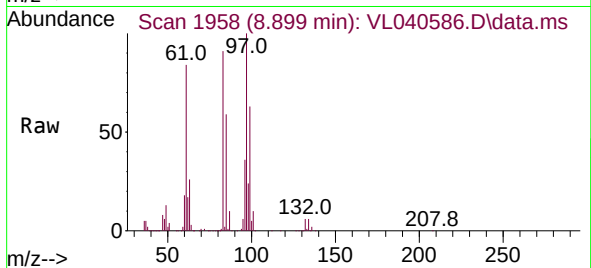
Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01



Tgt Ion: 97 Resp: 97648

Ion Ratio Lower Upper

97 100

83 91.4 73.4 110.0

85 59.2 46.6 70.0

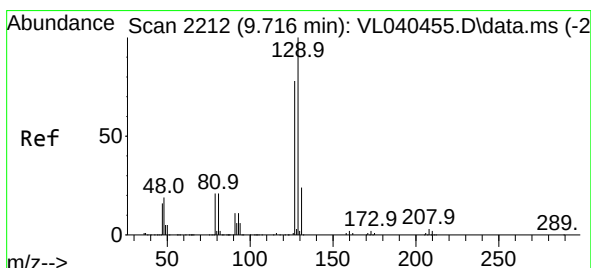
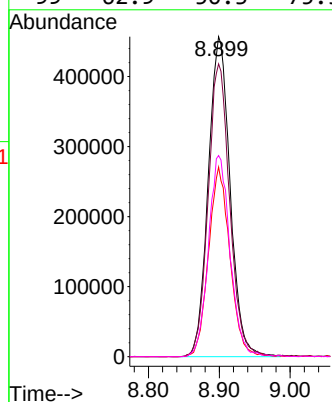
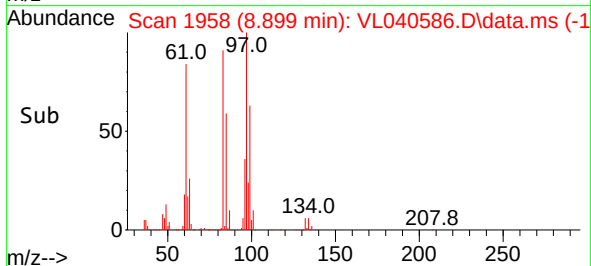
99 62.9 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023

Supervised By :Mahesh Dadoda 08/07/2023



#48

Dibromochloromethane

Concen: 10.693 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.010 min

Lab File: VL040586.D

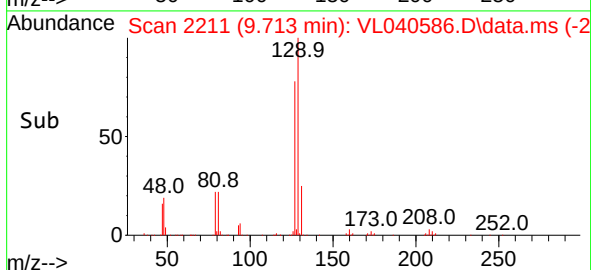
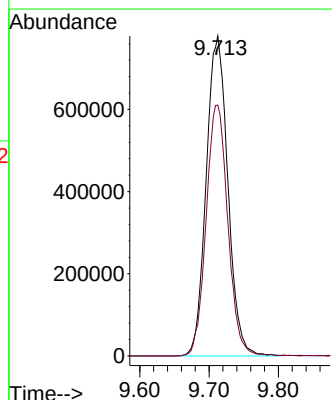
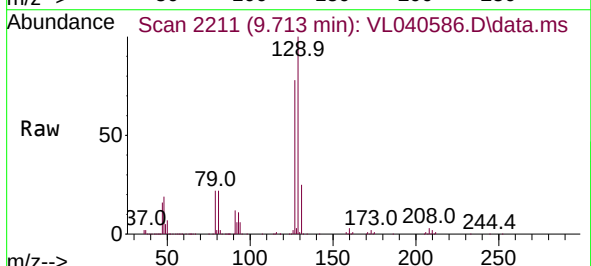
Acq: 4 Aug 2023 10:02

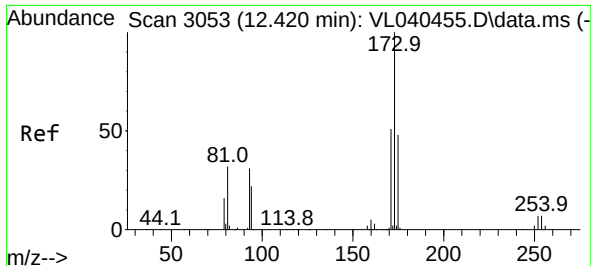
Tgt Ion:129 Resp: 1691240

Ion Ratio Lower Upper

129 100

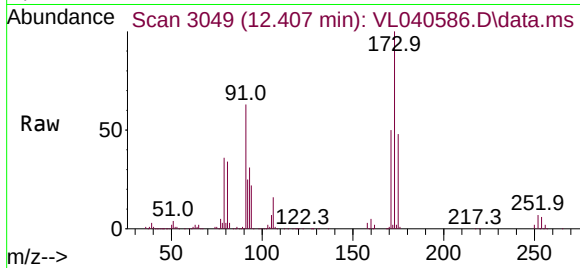
127 78.7 39.1 117.3





#49
Bromoform
Concen: 11.121 ppbv
RT: 12.407 min Scan# 3053
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

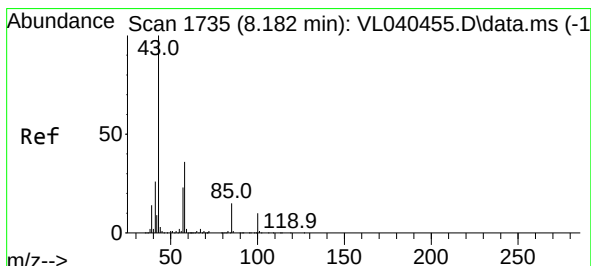
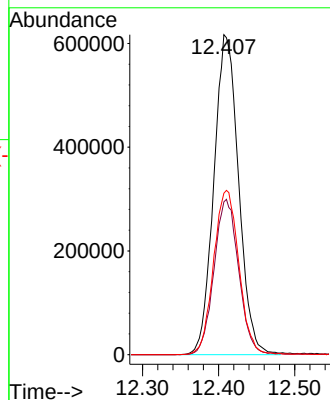
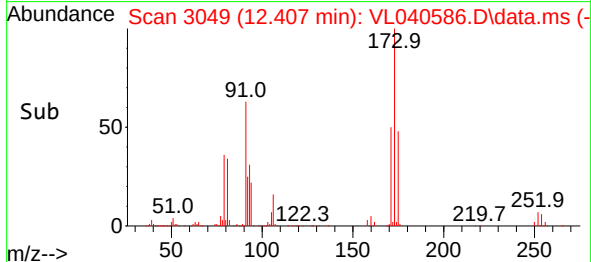
Instrument : MSVOA_L
ClientSampleId : VL0804ABS01



Tgt Ion:173 Resp: 1394470
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
171 52.6 42.2 63.4

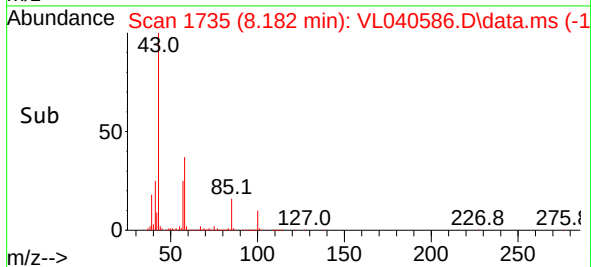
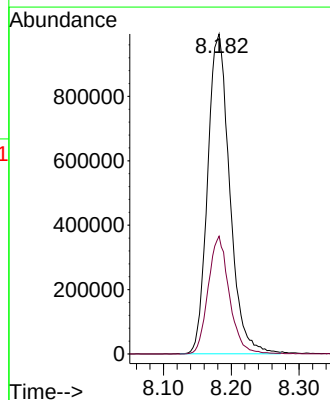
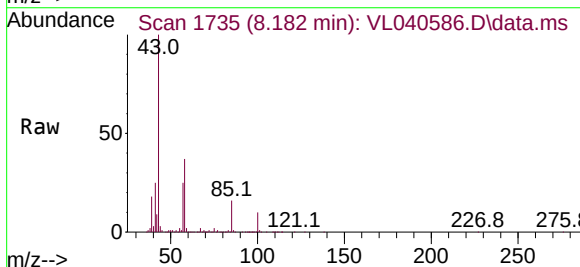
Manual Integrations
APPROVED

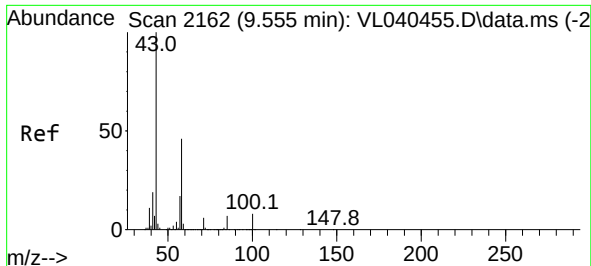
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#50
4-Methyl-2-Pentanone
Concen: 10.466 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

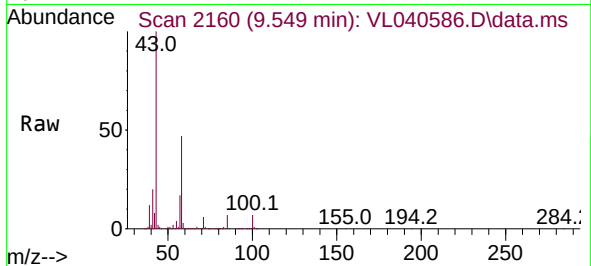
Tgt Ion: 43 Resp: 2249305
Ion Ratio Lower Upper
43 100
58 35.3 30.2 45.2





#51
2-Hexanone
Concen: 10.493 ppbv
RT: 9.549 min Scan# 2162
Delta R.T. -0.012 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

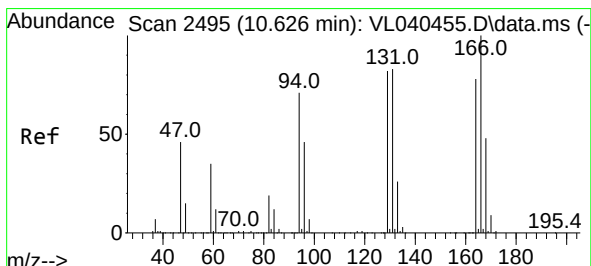
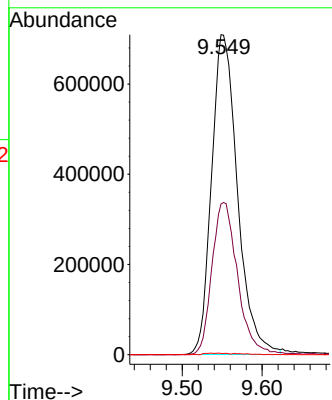
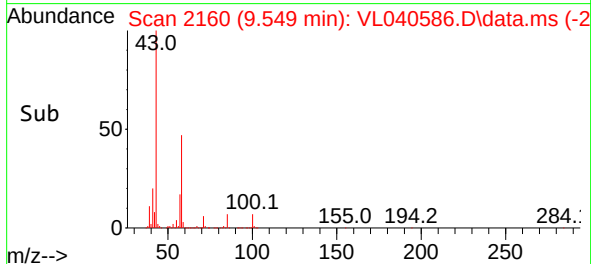
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion: 43 Resp: 159466
Ion Ratio Lower Upper
43 100
58 47.5 39.7 59.5
98 0.7 0.3 0.5

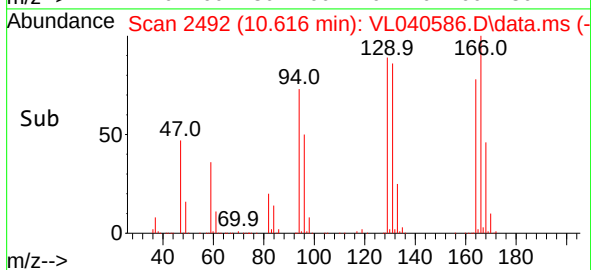
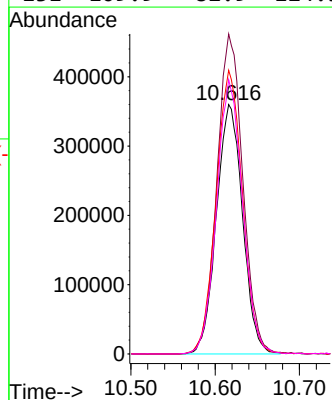
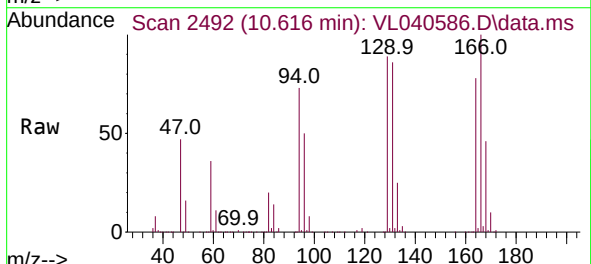
Manual Integrations
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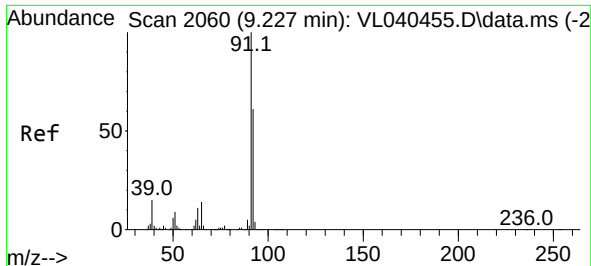
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#52
Tetrachloroethene
Concen: 9.931 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

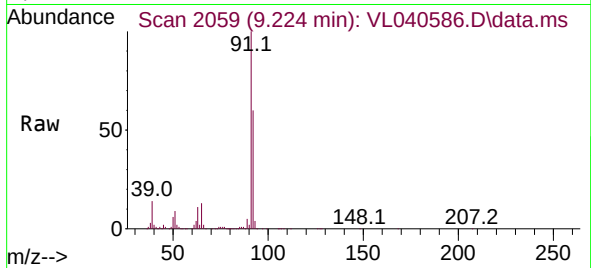
Tgt Ion:164 Resp: 774576
Ion Ratio Lower Upper
164 100
166 128.2 103.9 155.9
129 113.7 84.6 126.8
131 109.9 82.9 124.3





#53
Toluene
Concen: 10.004 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

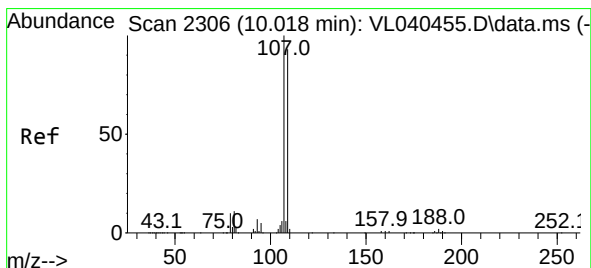
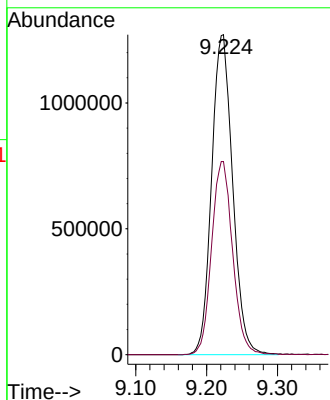
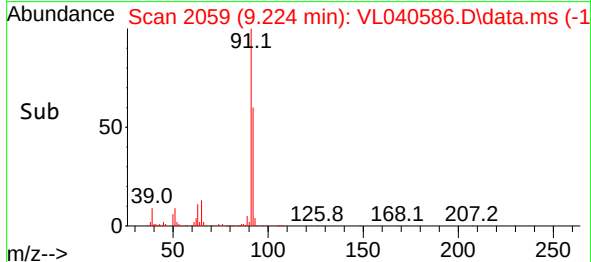
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



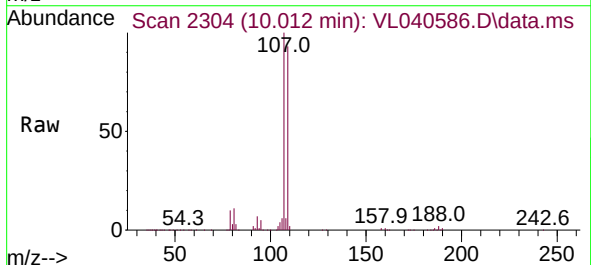
Tgt Ion: 91 Resp: 2617320
Ion Ratio Lower Upper
91 100
92 60.6 49.1 73.7

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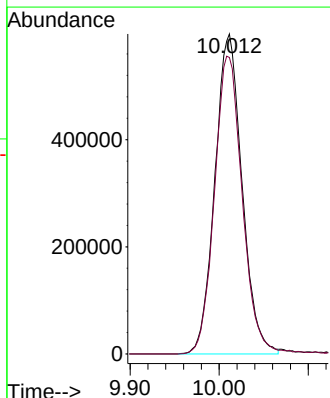
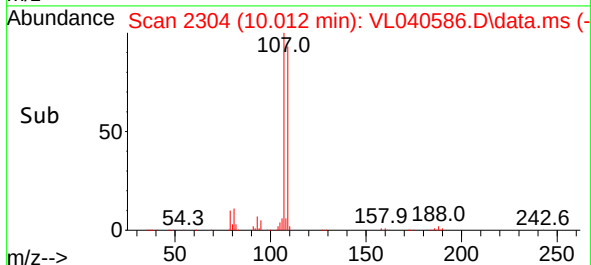
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

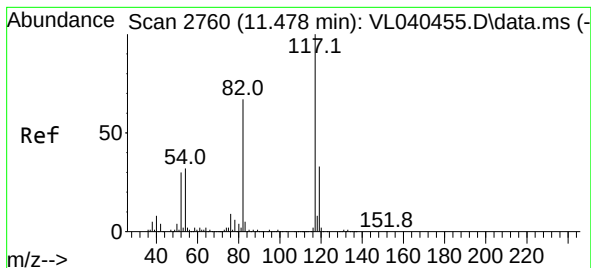


#54
1,2-Dibromoethane
Concen: 9.956 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



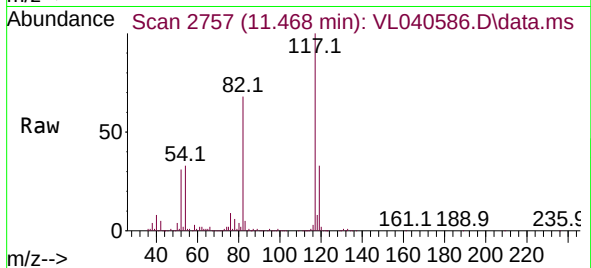
Tgt Ion:107 Resp: 1265896
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 2760
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

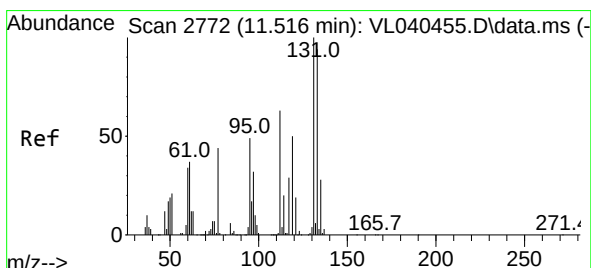
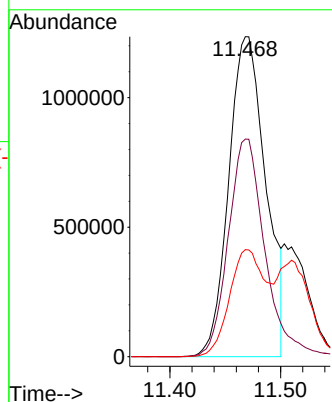
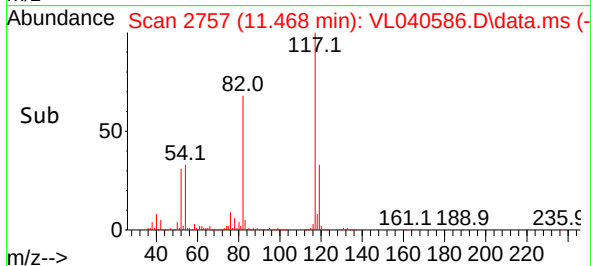
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



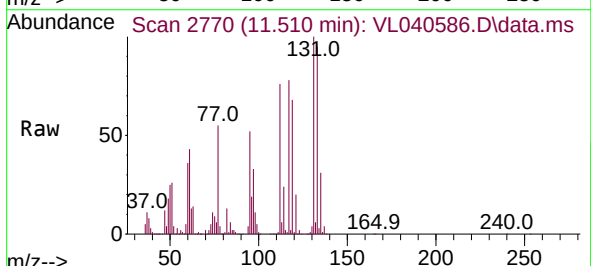
Tgt Ion:117 Resp: 2867689
Ion Ratio Lower Upper
117 100
82 67.7 50.2 75.4
119 29.9 26.9 40.3

Manual Integrations
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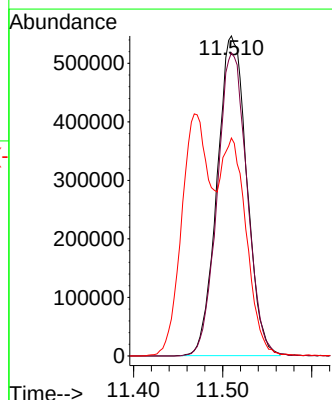
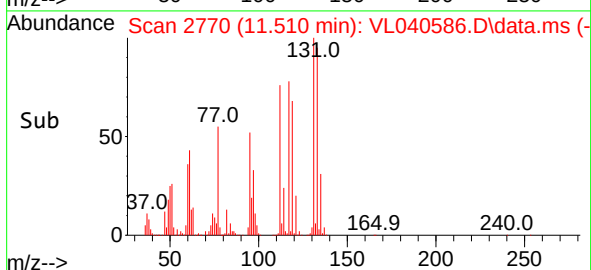
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

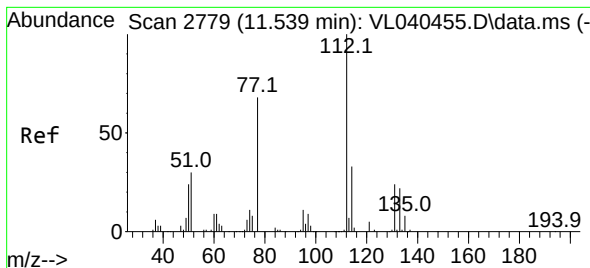


#56
1,1,1,2-Tetrachloroethane
Concen: 9.844 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



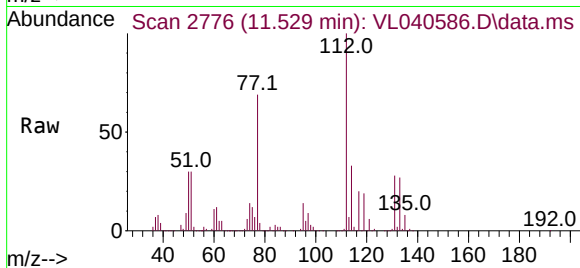
Tgt Ion:131 Resp: 1264244
Ion Ratio Lower Upper
131 100
133 95.3 76.3 114.5
119 58.5 51.1 76.7





#57
Chlorobenzene
Concen: 9.316 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

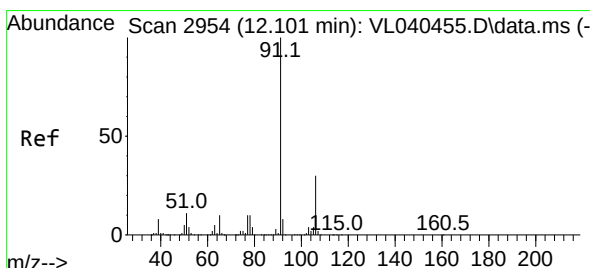
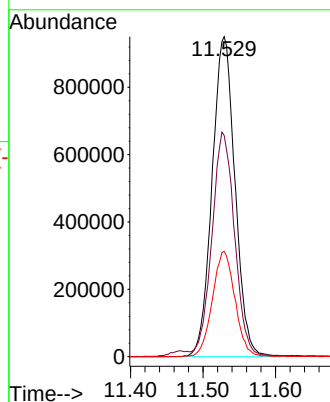
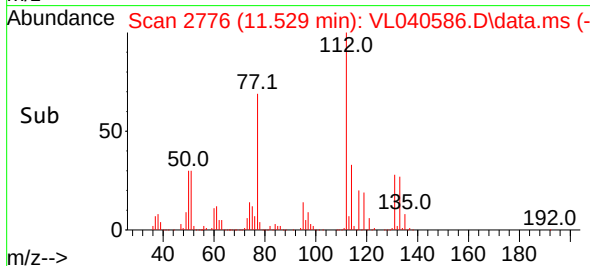
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion: 112 Resp: 208336
Ion Ratio Lower Upper
112 100
77 68.9 51.0 76.6
114 32.8 28.3 34.5

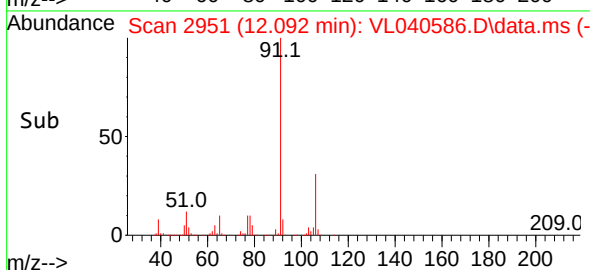
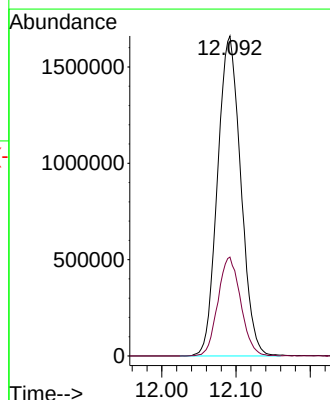
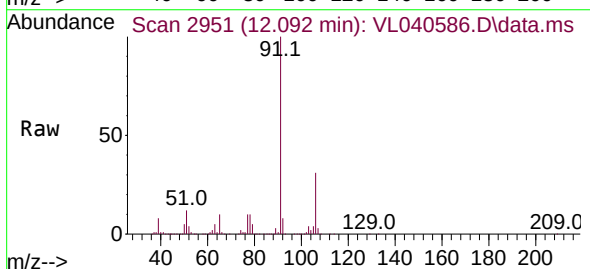
Manual Integrations
APPROVED

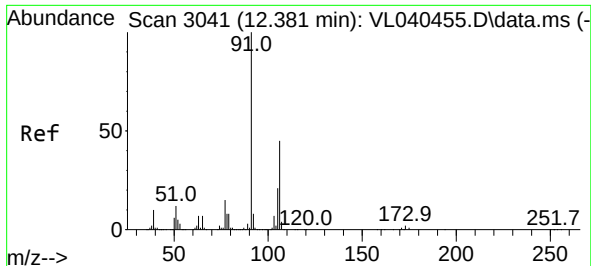
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#58
Ethyl Benzene
Concen: 10.035 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 91 Resp: 3611315
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0





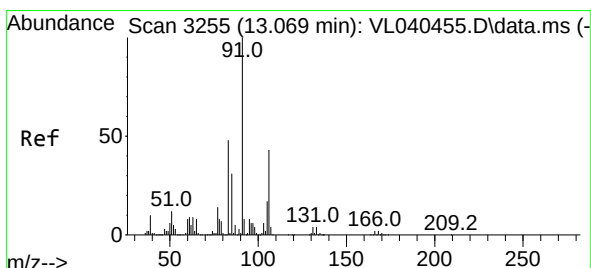
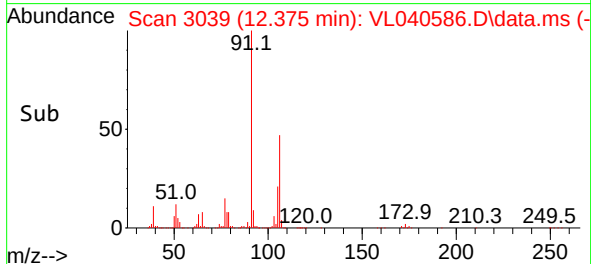
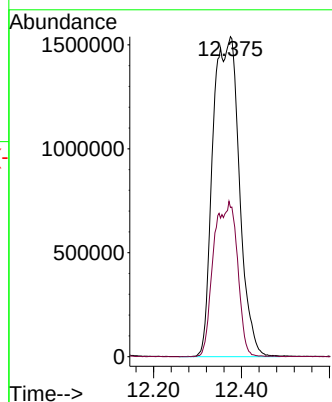
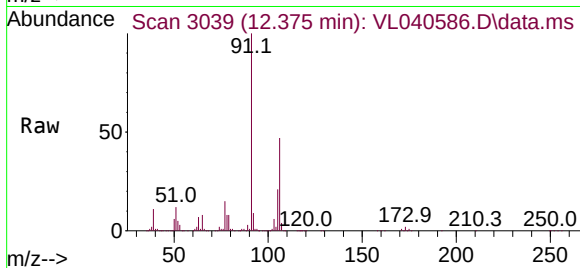
#59
m/p-Xylene
Concen: 19.925 ppbv m
RT: 12.375 min Scan# 3041
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

Tgt Ion: 91 Resp: 639984
Ion Ratio Lower Upper
91 100
106 43.8 35.9 53.9

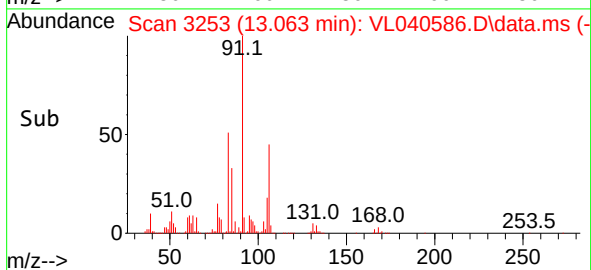
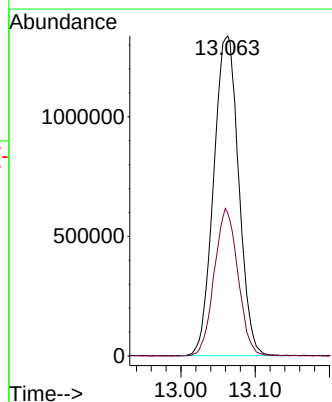
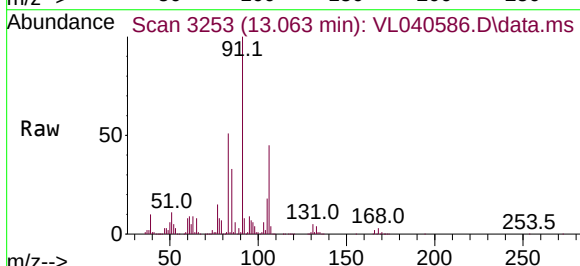
Manual Integrations
APPROVED

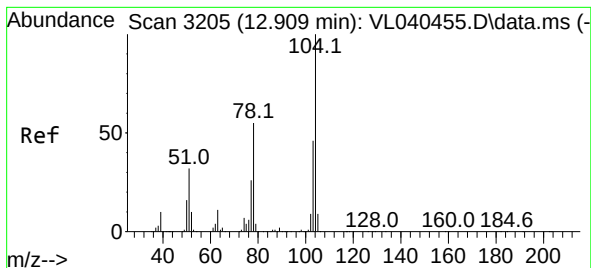
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#60
o-Xylene
Concen: 10.228 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 91 Resp: 3129561
Ion Ratio Lower Upper
91 100
106 43.8 22.7 68.0





#61

Styrene

Concen: 10.672 ppbv

RT: 12.899 min Scan# 3205

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

Tgt Ion:104 Resp: 1506278

Ion Ratio Lower Upper

104 100

78 53.6 40.1 60.1

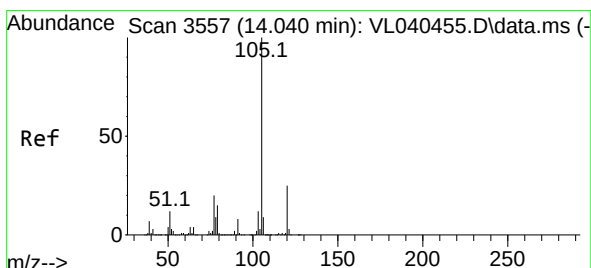
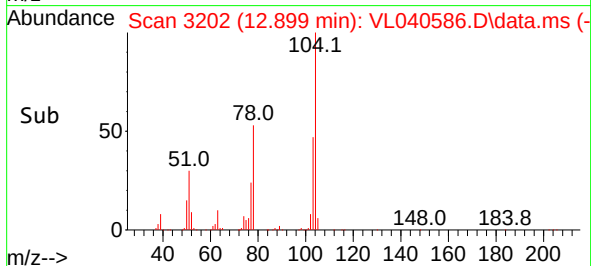
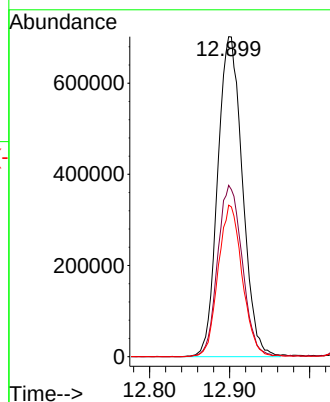
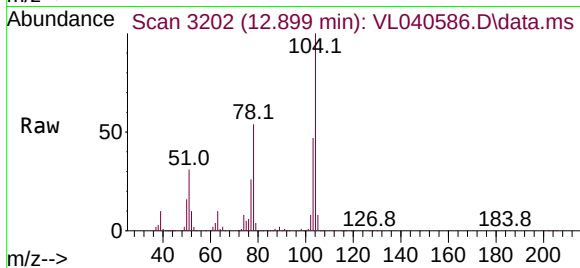
103 46.1 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023

Supervised By :Mahesh Dadoda 08/07/2023



#62

Isopropylbenzene

Concen: 9.763 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. -0.006 min

Lab File: VL040586.D

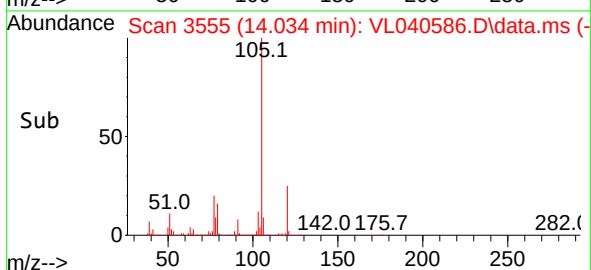
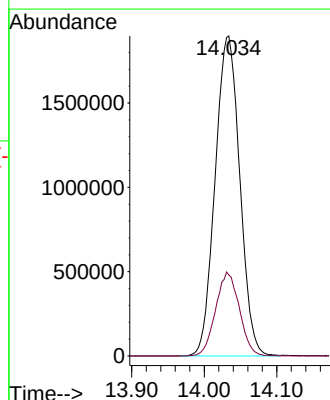
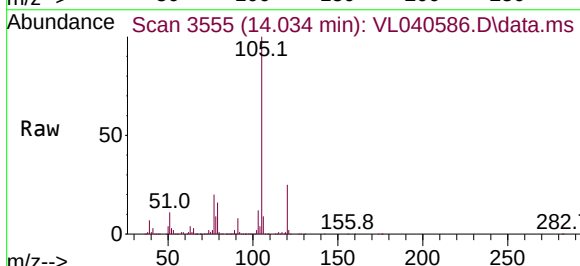
Acq: 4 Aug 2023 10:02

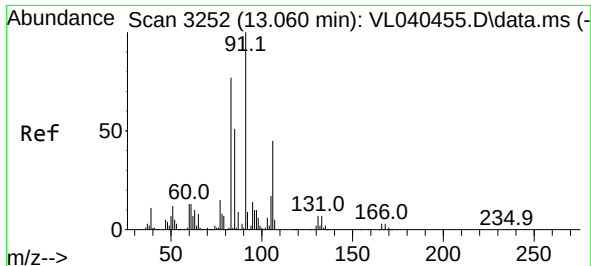
Tgt Ion:105 Resp: 4477694

Ion Ratio Lower Upper

105 100

120 25.2 20.8 31.2





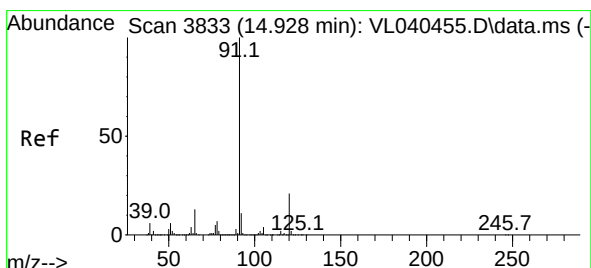
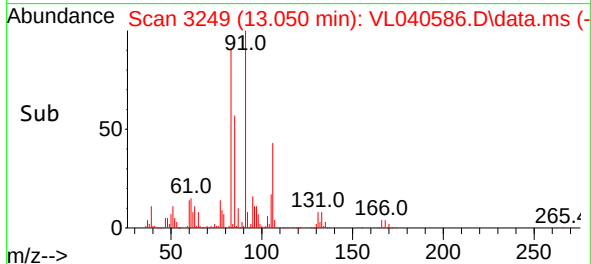
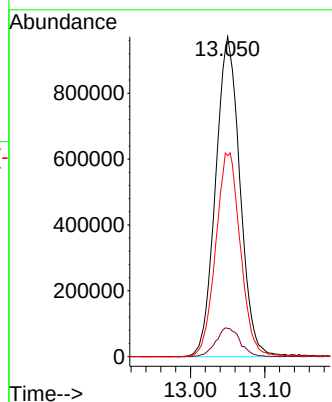
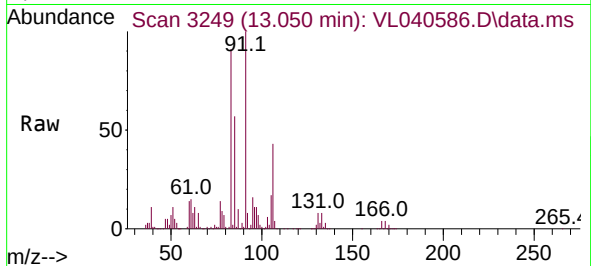
#63
1,1,2,2-Tetrachloroethane
Concen: 10.335 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

Tgt Ion: 83 Resp: 221466
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.0 32.8 98.3

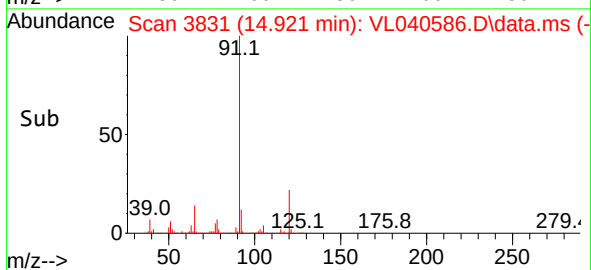
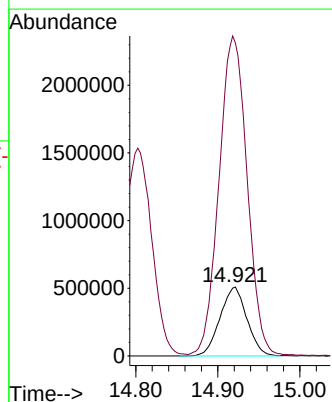
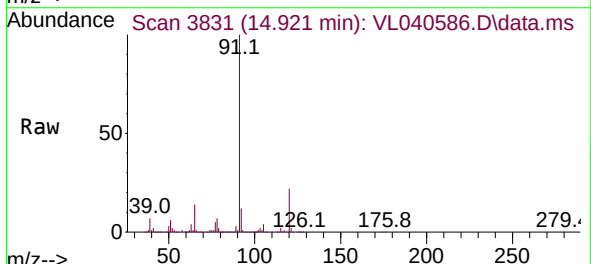
Manual Integrations
APPROVED

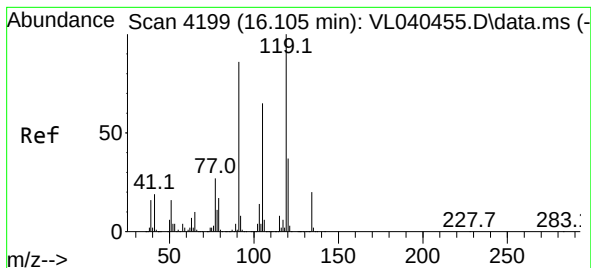
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#64
n-propylbenzene
Concen: 9.752 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

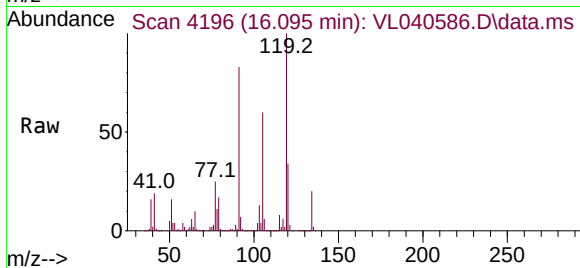
Tgt Ion:120 Resp: 1157143
Ion Ratio Lower Upper
120 100
91 489.1 374.3 561.5





#65
tert-Butylbenzene
Concen: 9.813 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

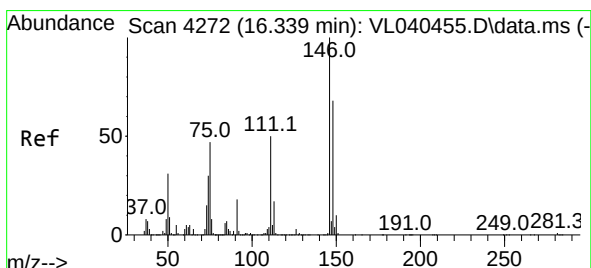
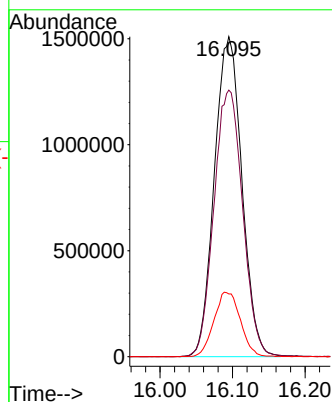
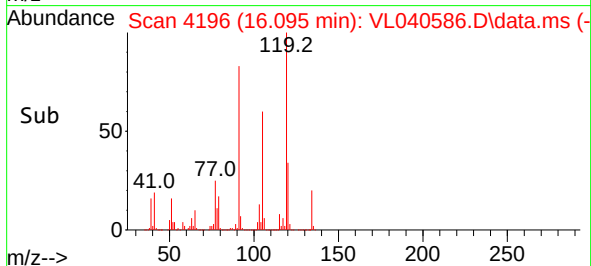
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion:119 Resp: 3984409
Ion Ratio Lower Upper
119 100
91 87.0 66.1 99.1
134 19.5 15.7 23.5

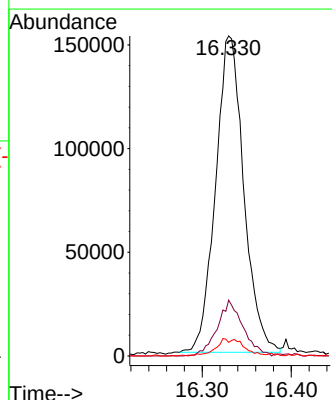
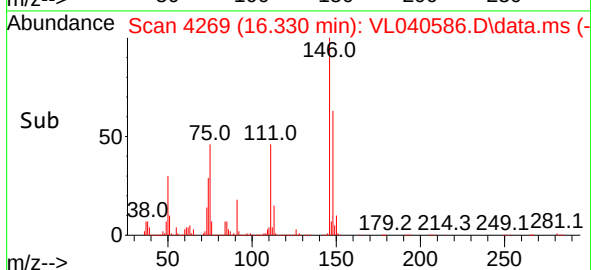
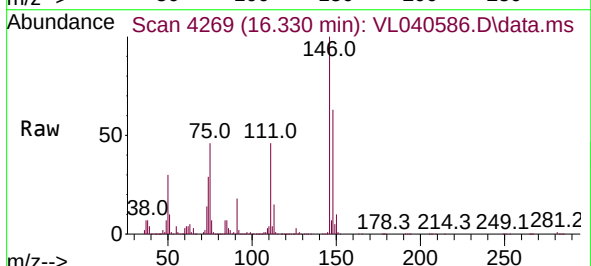
Manual Integrations
APPROVED

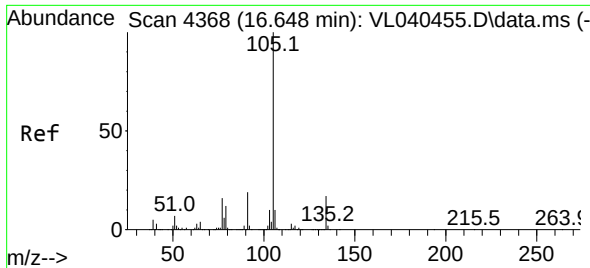
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#66
Benzyl Chloride
Concen: 11.686 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

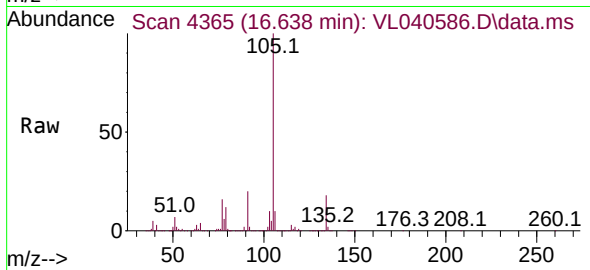
Tgt Ion: 91 Resp: 335664
Ion Ratio Lower Upper
91 100
126 16.7 15.4 23.2
128 5.6 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 9.601 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

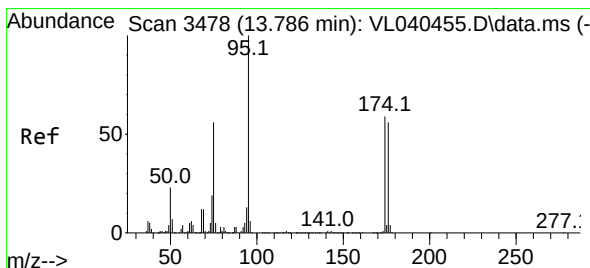
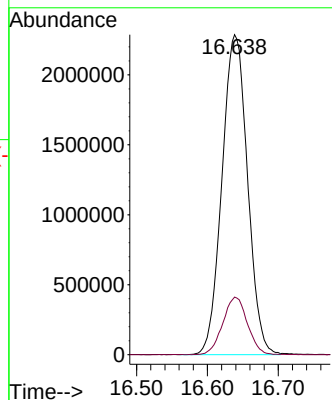
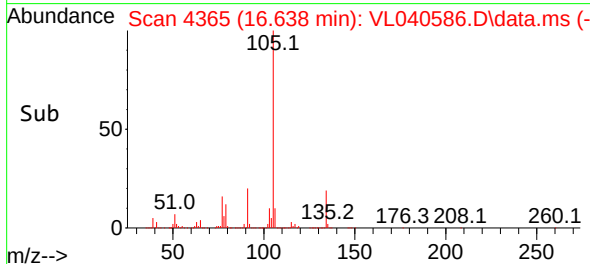
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01



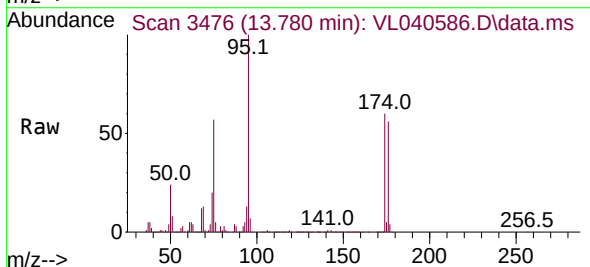
Tgt Ion:105 Resp: 572784
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.4 21.6

Manual Integrations
 APPROVED

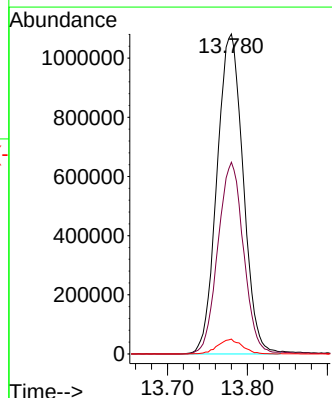
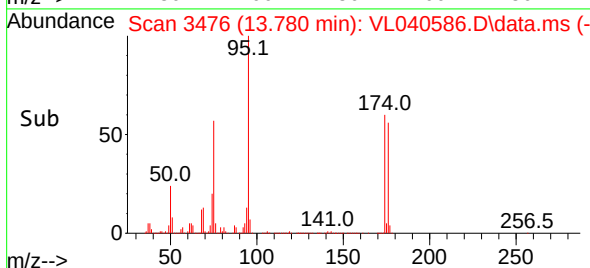
Reviewed By :Semsettin Yesilyurt 08/07/2023
 Supervised By :Mahesh Dadoda 08/07/2023

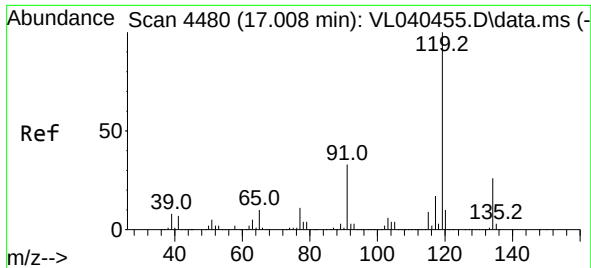


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.816 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02



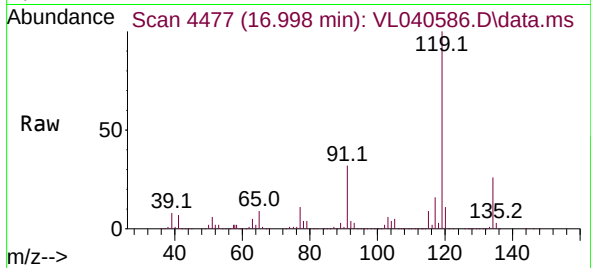
Tgt Ion: 95 Resp: 2454882
 Ion Ratio Lower Upper
 95 100
 174 59.2 50.6 75.8
 175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.440 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

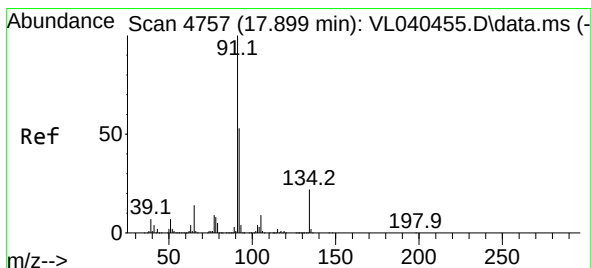
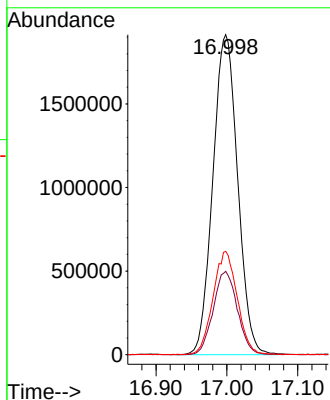
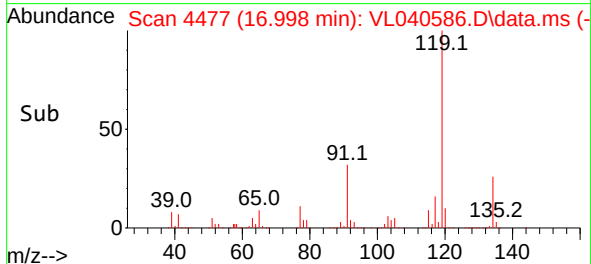
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion:119 Resp: 4653710
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 31.6 23.8 35.8

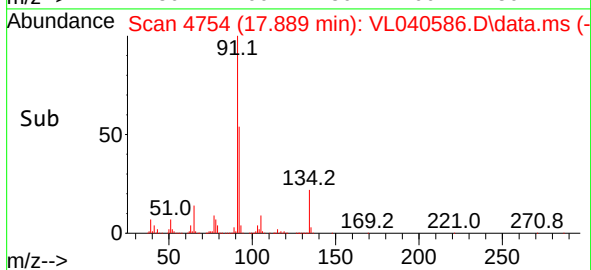
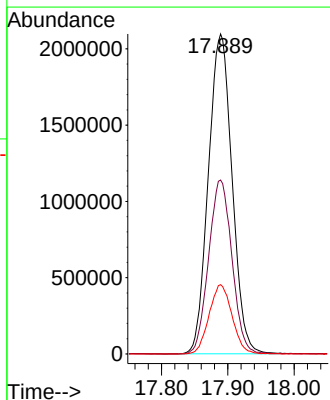
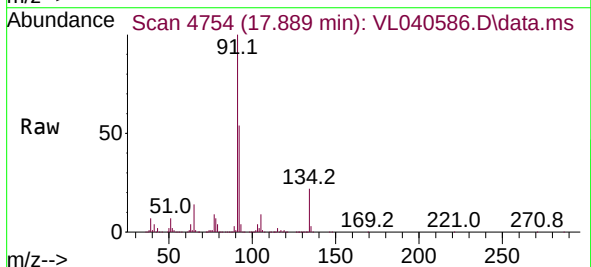
Manual Integrations
APPROVED

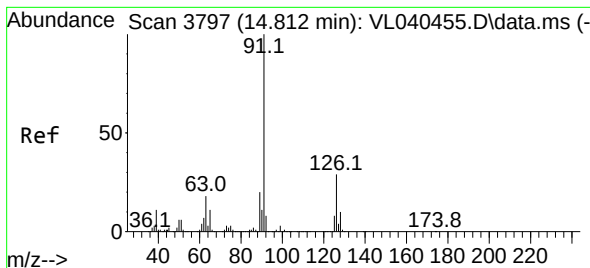
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#70
n-Butylbenzene
Concen: 9.475 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 91 Resp: 5209287
Ion Ratio Lower Upper
91 100
92 53.7 43.4 65.0
134 21.1 18.1 27.1





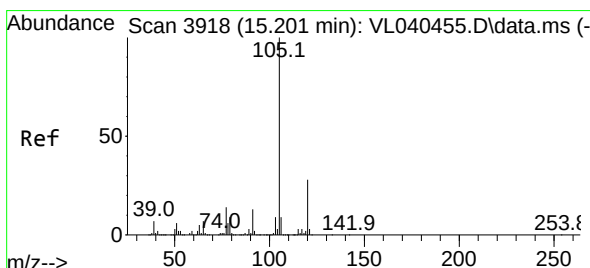
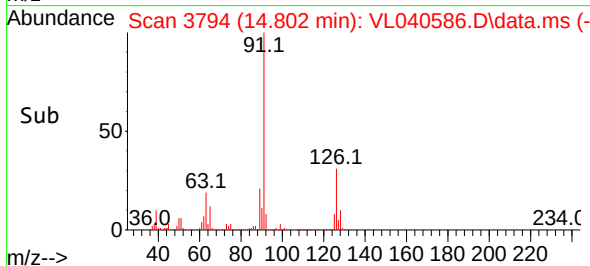
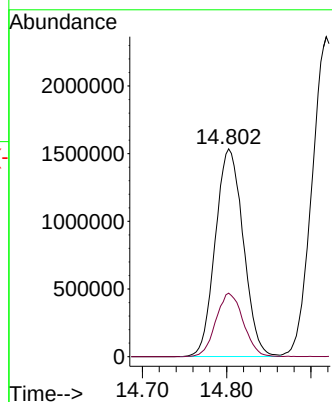
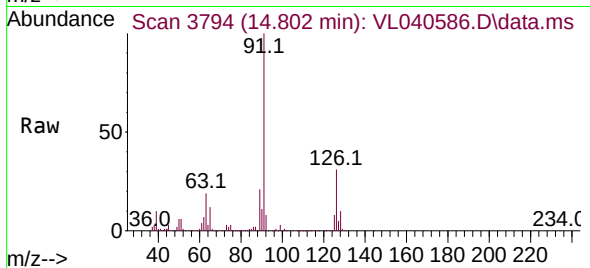
#71
2-Chlorotoluene
Concen: 9.993 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

Tgt Ion: 91 Resp: 3532010
Ion Ratio Lower Upper
91 100
126 30.1 12.4 49.8

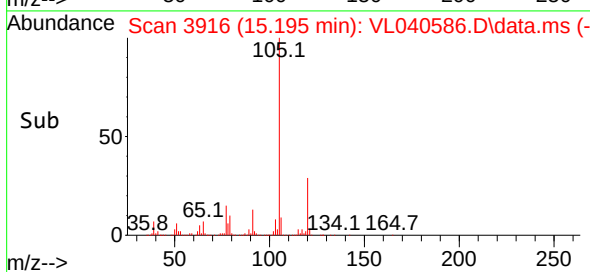
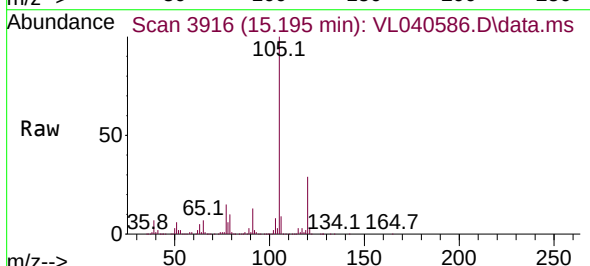
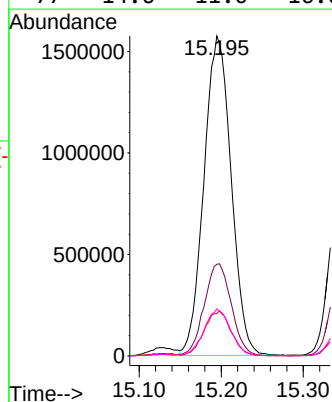
Manual Integrations
APPROVED

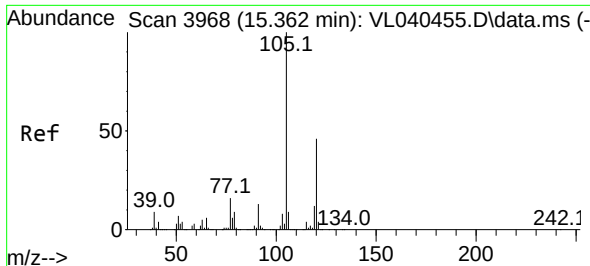
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023



#72
4-Ethyltoluene
Concen: 10.125 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

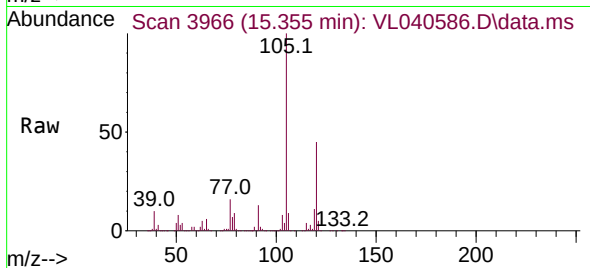
Tgt Ion:105 Resp: 3631736
Ion Ratio Lower Upper
105 100
120 28.8 24.6 37.0
91 14.6 10.7 16.1
77 14.6 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 10.019 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

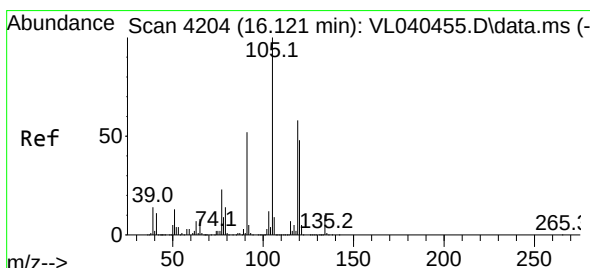
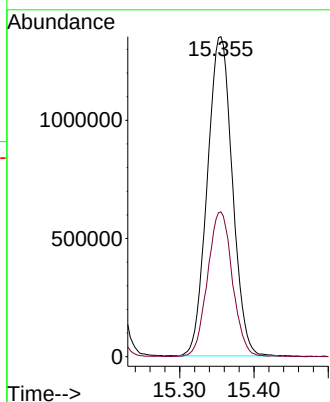
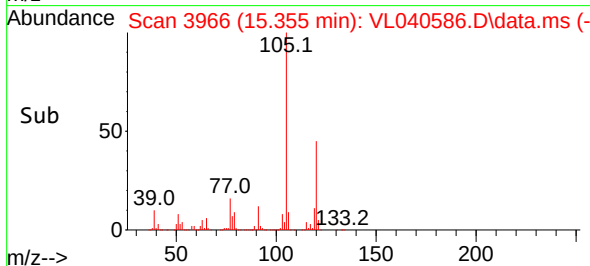
Instrument : MSVOA_L
ClientSampleId : VL0804ABS01



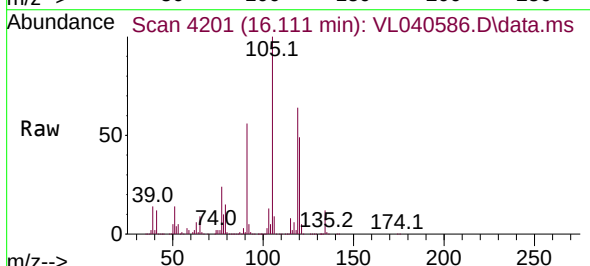
Tgt Ion:105 Resp: 3167572
Ion Ratio Lower Upper
105 100
120 45.2 38.2 57.2

Manual Integrations
APPROVED

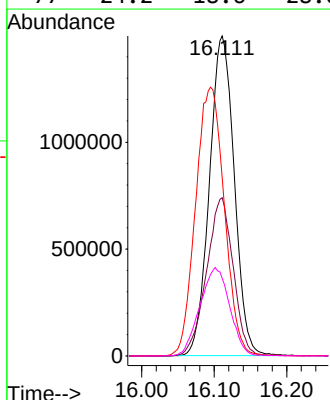
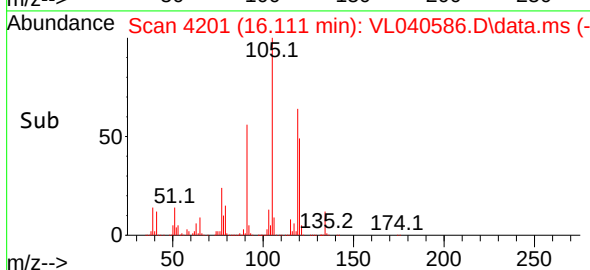
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

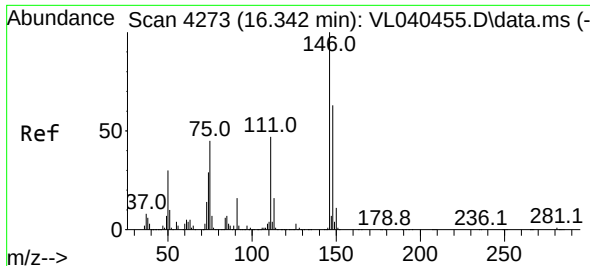


#74
1,2,4-Trimethylbenzene
Concen: 9.681 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



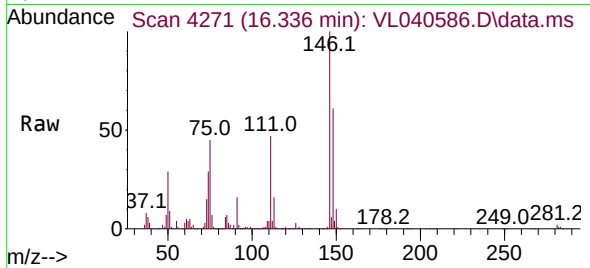
Tgt Ion:105 Resp: 3568577
Ion Ratio Lower Upper
105 100
120 49.3 40.3 60.5
91 55.5 46.8 70.2
77 24.2 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.110 ppbv
RT: 16.336 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

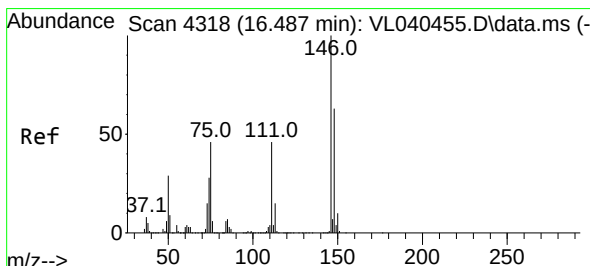
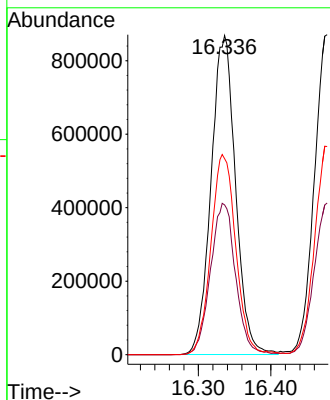
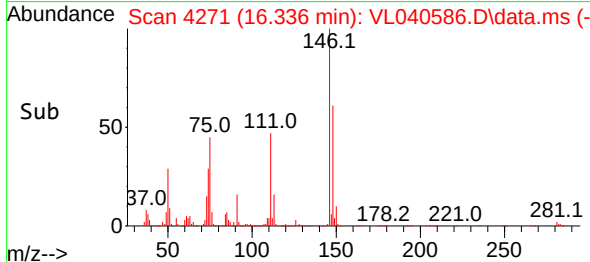
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



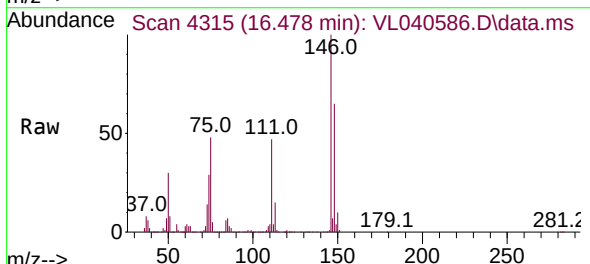
Tgt Ion:146 Resp: 203595
Ion Ratio Lower Upper
146 100
111 48.6 23.6 71.0
148 63.9 32.2 96.6

Manual Integrations
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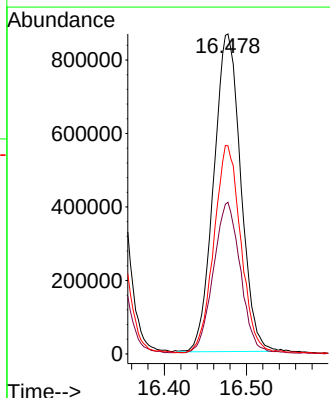
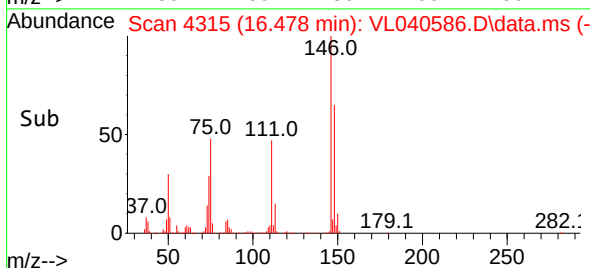
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

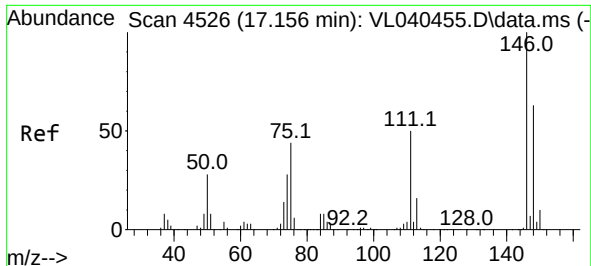


#76
1,4-Dichlorobenzene
Concen: 9.043 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



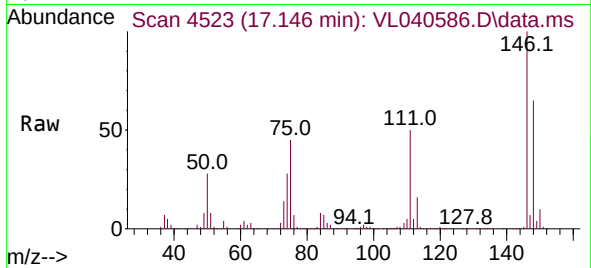
Tgt Ion:146 Resp: 1981727
Ion Ratio Lower Upper
146 100
111 48.7 22.8 68.3
148 66.5 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 9.107 ppbv
RT: 17.146 min Scan# 4526
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

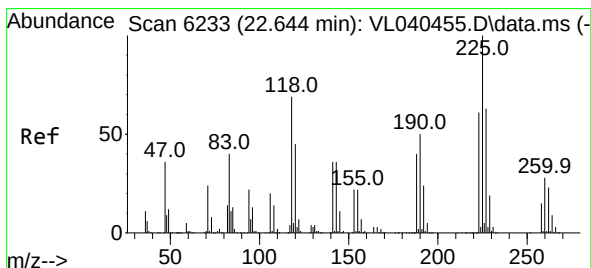
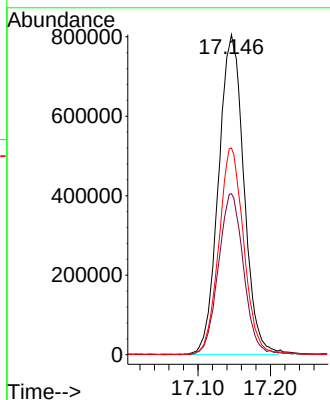
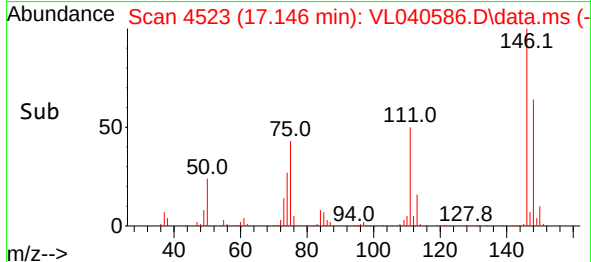
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



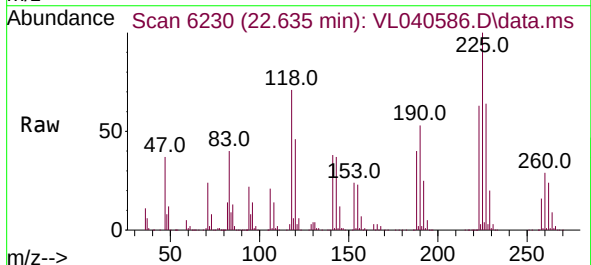
Tgt Ion:146 Resp: 1946254
Ion Ratio Lower Upper
146 100
111 50.4 24.3 72.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

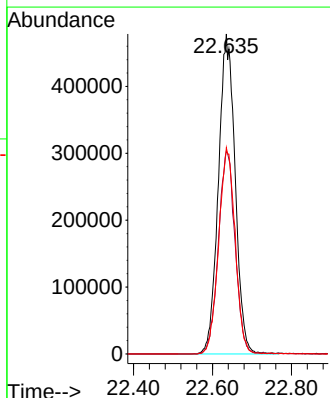
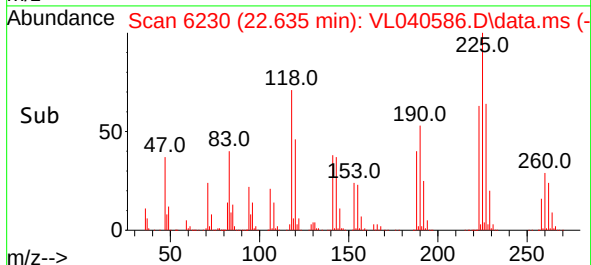
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

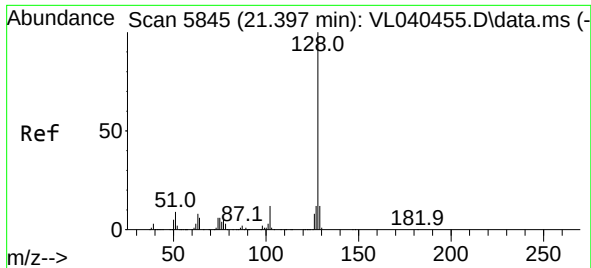


#78
Hexachloro-1,3-Butadiene
Concen: 7.000 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



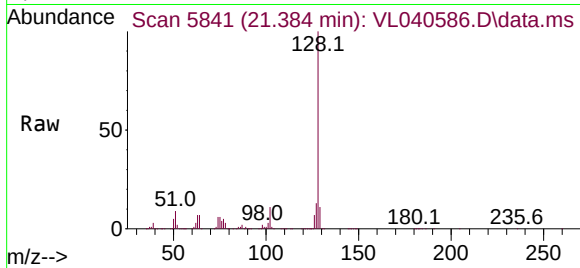
Tgt Ion:225 Resp: 1404879
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 63.6 51.0 76.6





#79
Naphthalene
Concen: 9.162 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

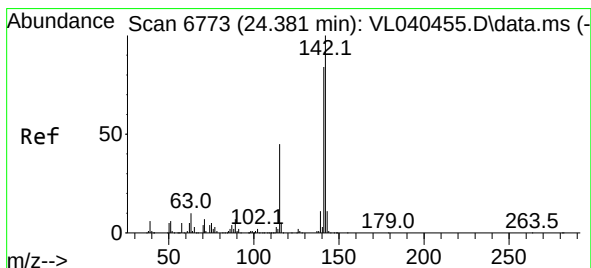
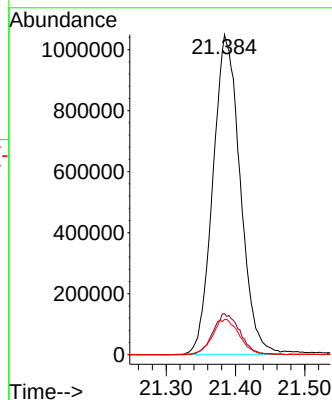
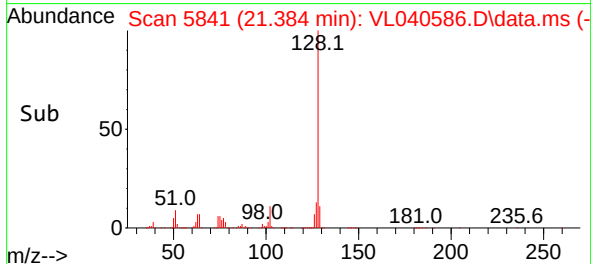
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



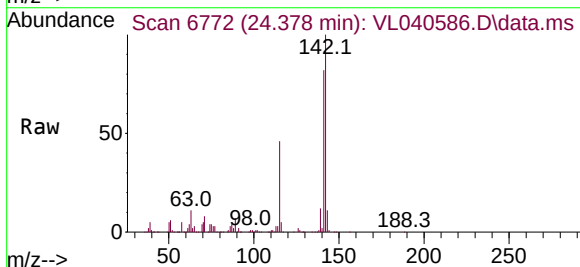
Tgt Ion:128 Resp: 285762
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 9.2 13.8

Manual Integrations
APPROVED

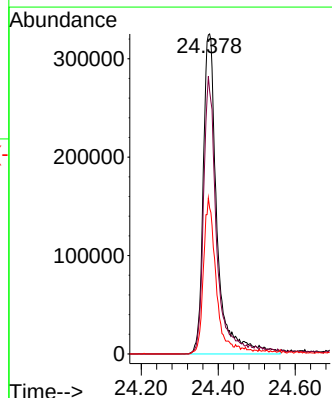
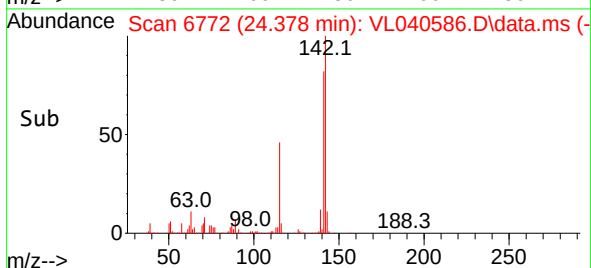
Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

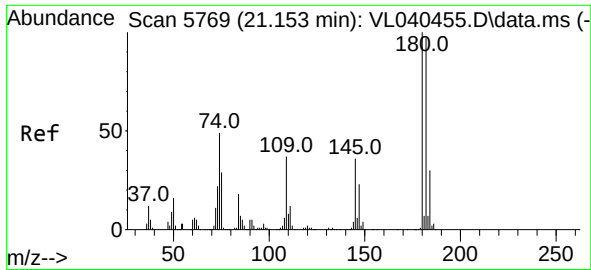


#80
Naphthalene,2-methyl-
Concen: 6.316 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02



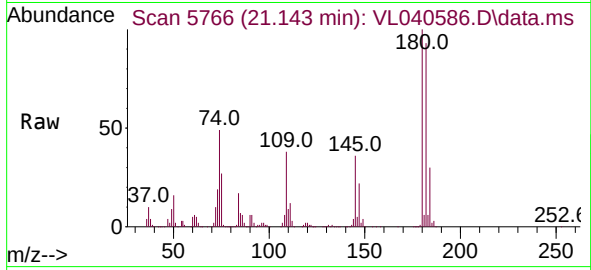
Tgt Ion:142 Resp: 812261
Ion Ratio Lower Upper
142 100
141 83.5 66.7 100.1
115 46.3 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 7.830 ppbv
RT: 21.143 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01



Tgt Ion:180 Resp: 168286
Ion Ratio Lower Upper
180 100
182 96.7 77.5 116.3
184 30.8 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2023
Supervised By :Mahesh Dadoda 08/07/2023

