

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040248.D
 Acq On : 8 Mar 2023 10:49
 Operator : SY/MD
 Sample : VL0308ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:09:56 2023

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

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

QLast Update : Wed Mar 01 04:21:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	951052	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2424261	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2264431	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1859248 9.985 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.800%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.713	85	1243403m	7.015	ppbv
3) Chlorodifluoromethane	2.658	51	1092895	9.619	ppbv 100
4) Chloromethane	2.796	50	688913	9.654	ppbv 97
5) Vinyl Chloride	2.902	62	602801	10.511	ppbv 100
6) Bromomethane	3.102	94	197867	9.560	ppbv 92
7) Chloroethane	3.179	64	226829	9.974	ppbv 98
8) Dichlorotetrafluoroethane	2.838	85	1471285	9.633	ppbv 100
9) Propene	2.677	41	451048	9.740	ppbv 98
10) Heptane	7.568	43	1137484	10.320	ppbv 100
11) Trichlorofluoromethane	3.546	101	1590842	10.003	ppbv 100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1186452	10.112	ppbv 98
13) Ethanol	3.230	45	32041m	7.515	ppbv
14) Bromoethene	3.346	108	471464	10.479	ppbv 98
15) Acetone	3.449	43	1067889	9.326	ppbv 99
16) 1,3-Butadiene	2.967	39	538066	10.290	ppbv 99
17) tert-Butyl alcohol	3.861	59	1115685	10.684	ppbv 99
18) 1,1-Dichloroethene	3.864	96	528655	10.370	ppbv 99
19) Isopropyl Alcohol	3.555	45	534491	9.820	ppbv 99
20) Methylene Chloride	3.915	84	447695	7.511	ppbv 95
21) Allyl Chloride	3.980	41	753511	10.729	ppbv 98
22) trans-1,2-Dichloroethene	4.426	96	549095	10.402	ppbv 90
23) Vinyl Acetate	4.610	43	350648	10.091	ppbv 98
24) 1,1-Dichloroethane	4.549	63	1102237	10.148	ppbv 99
25) Ethyl Acetate	5.189	43	2080315	9.773	ppbv 99
26) Hexane	5.198	57	872846	9.552	ppbv 100
27) Carbon Disulfide	4.108	76	1310046	11.298	ppbv 99
28) Methyl tert-Butyl Ether	4.568	73	988996	10.101	ppbv 98
29) Chloroform	5.259	83	1534428	9.780	ppbv 98
30) Cyclohexane	6.584	84	741848	10.339	ppbv 99
31) cis-1,2-Dichloroethene	5.063	61	823891	9.490	ppbv 95
32) 1,1,1-Trichloroethane	5.989	97	1527809	10.364	ppbv 99
34) 2-Butanone	4.767	43	1185813	9.916	ppbv 98
35) Carbon Tetrachloride	6.478	117	1595092	11.130	ppbv 98
36) Benzene	6.356	78	1872632	9.926	ppbv 98
37) 1,2-Dichloroethane	5.790	62	1201277	10.181	ppbv 99
38) Trichloroethene	7.275	130	1115296	10.728	ppbv 99
39) 1,2-Dichloropropane	7.060	63	723012	9.851	ppbv 97
40) 1,4-Dioxane	7.272	88	284989	9.707	ppbv 94
41) Tetrahydrofuran	5.542	42	711995	10.274	ppbv 98
42) Bromodichloromethane	7.237	83	1731170m	10.630	ppbv
43) Methyl Methacrylate	7.462	69	744953	10.671	ppbv 100
44) 2,2,4-Trimethylpentane	7.314	57	3146089	9.990	ppbv 99
45) t-1,3-Dichloropropene	8.700	75	722405	11.666	ppbv 99

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Manual Integrations
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 Supervised By :Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:09:56 2023

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

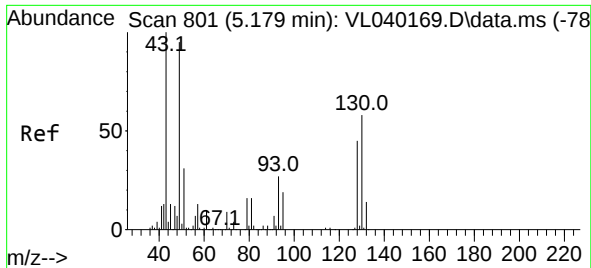
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Wed Mar 01 04:21:39 2023

Response via : Initial Calibration

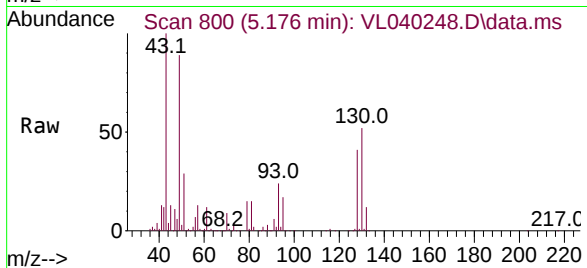
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	971904	11.266	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	778668	9.809	ppbv	98
48) Dibromochloromethane	9.696	129	1359320	10.706	ppbv	99
49) Bromoform	12.400	173	1063864	10.735	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	1973351	10.628	ppbv	100
51) 2-Hexanone	9.539	43	1525763	10.685	ppbv	98
52) Tetrachloroethene	10.603	164	623735	10.588	ppbv	98
53) Toluene	9.208	91	2126282	10.523	ppbv	100
54) 1,2-Dibromoethane	9.999	107	872465	10.564	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.500	131	976515	10.273	ppbv	94
57) Chlorobenzene	11.516	112	1633980	9.877	ppbv	98
58) Ethyl Benzene	12.079	91	2918388	10.607	ppbv	99
59) m/p-Xylene	12.365	91	5065903m	20.789	ppbv	
60) o-Xylene	13.047	91	2431463	10.370	ppbv	99
61) Styrene	12.889	104	1351599	10.979	ppbv	99
62) Isopropylbenzene	14.021	105	3421323	10.166	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	796295	9.424	ppbv	100
64) n-propylbenzene	14.908	120	859701	10.320	ppbv	96
65) tert-Butylbenzene	16.085	119	2964022	10.131	ppbv	99
66) Benzyl Chloride	16.320	91	201903	10.371	ppbv	99
67) sec-Butylbenzene	16.629	105	4207957	10.029	ppbv	100
69) p-Isopropyltoluene	16.989	119	3356977	10.092	ppbv	100
70) n-Butylbenzene	17.879	91	3652563	10.117	ppbv	99
71) 2-Chlorotoluene	14.789	91	2605170	10.121	ppbv	100
72) 4-Ethyltoluene	15.185	105	2731541	10.538	ppbv	100
73) 1,3,5-Trimethylbenzene	15.342	105	2426846	10.062	ppbv	100
74) 1,2,4-Trimethylbenzene	16.098	105	2641269	9.970	ppbv	95
75) 1,3-Dichlorobenzene	16.323	146	1419359	9.790	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1369063	9.636	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1370446	9.516	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	824275	8.331	ppbv	99
79) Naphthalene	21.378	128	1830801	12.301	ppbv	98
80) Naphthalene,2-methyl-	24.374	142	373564	8.826	ppbv	98
81) 1,2,4-Trichlorobenzene	21.133	180	996822	10.703	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 801
Delta R.T. -0.025 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

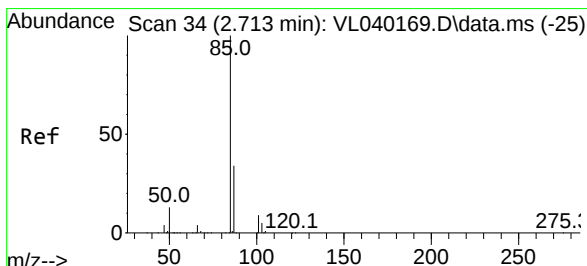
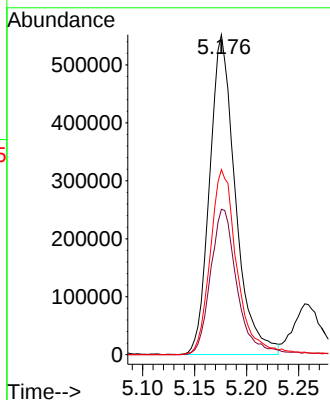
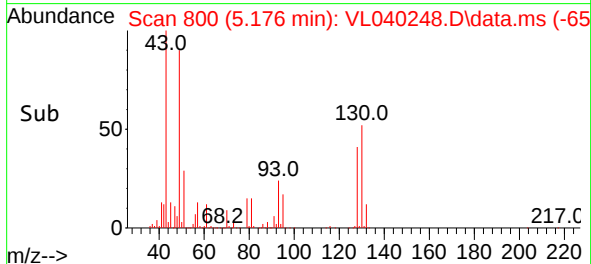
Instrument : MSVOA_L
Client Sample Id : VL0308ABS01



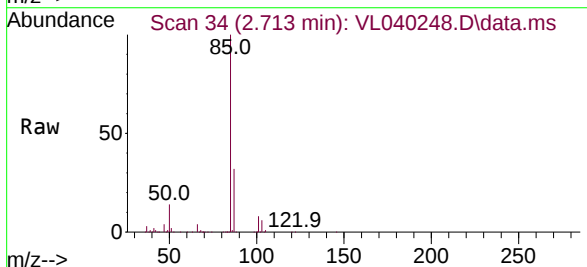
Tgt Ion: 49 Resp: 951052
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.0 30.9 92.8

Manual Integrations
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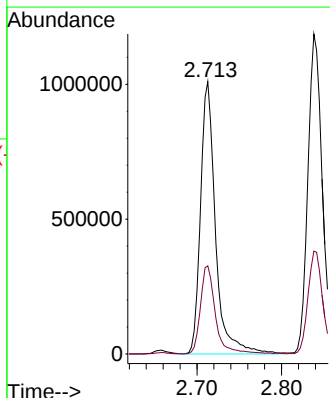
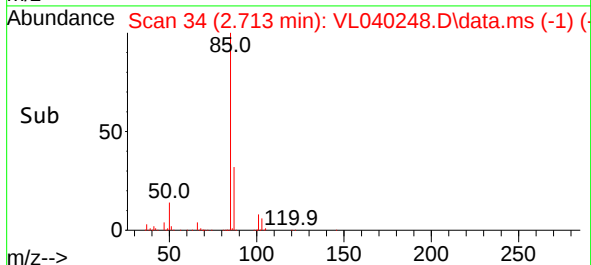
Reviewed By : Semsettin Yesilyurt 03/09/2023
Supervised By : Mahesh Dadoda 03/09/2023

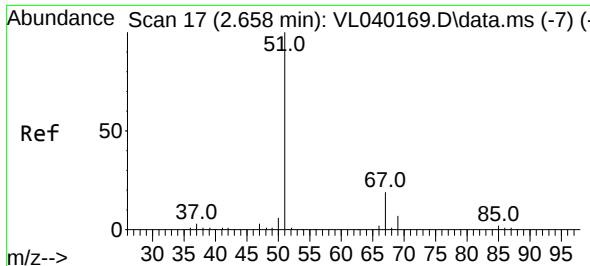


#2
Dichlorodifluoromethane
Concen: 7.015 ppbv m
RT: 2.713 min Scan# 34
Delta R.T. -0.013 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



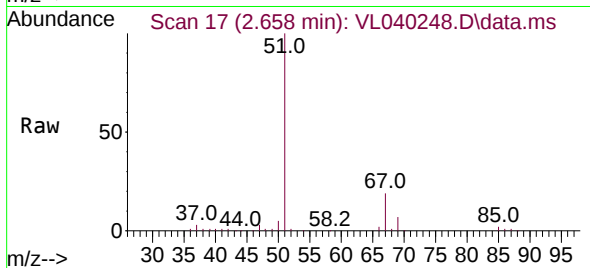
Tgt Ion: 85 Resp: 1243403
Ion Ratio Lower Upper
85 100
87 32.4 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.619 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

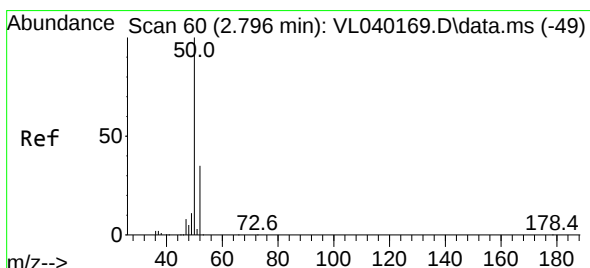
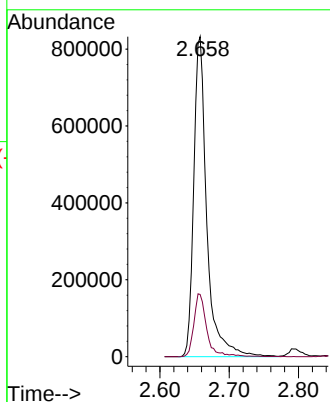
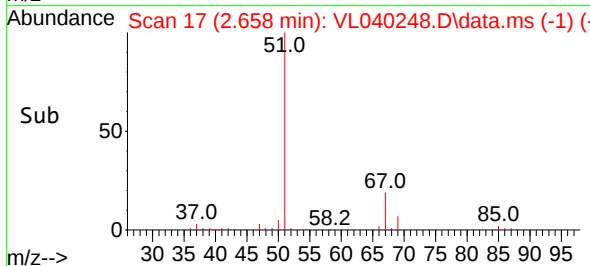
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



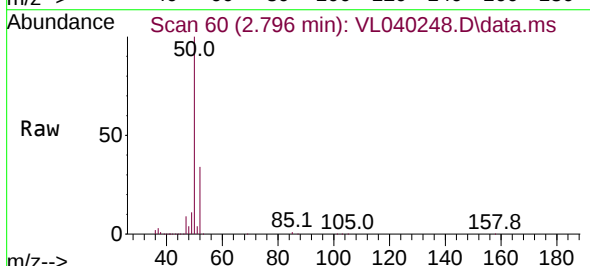
Tgt Ion: 51 Resp: 109289
Ion Ratio Lower Upper
51 100
67 19.5 15.4 23.2

Manual Integrations
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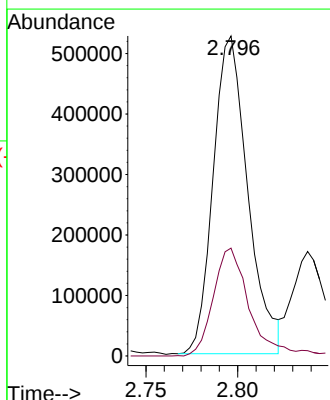
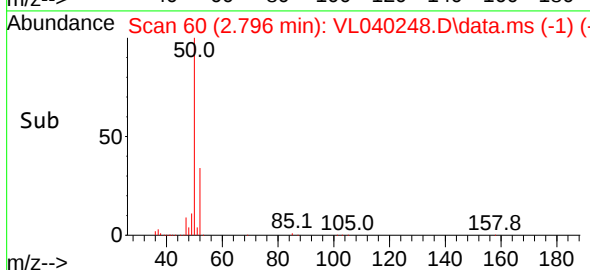
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

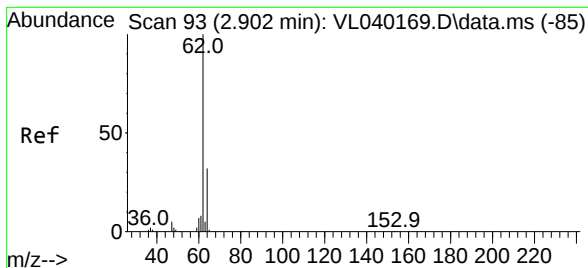


#4
Chloromethane
Concen: 9.654 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



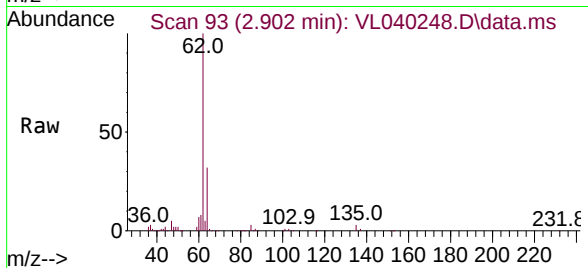
Tgt Ion: 50 Resp: 688913
Ion Ratio Lower Upper
50 100
52 33.9 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.511 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. -0.016 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

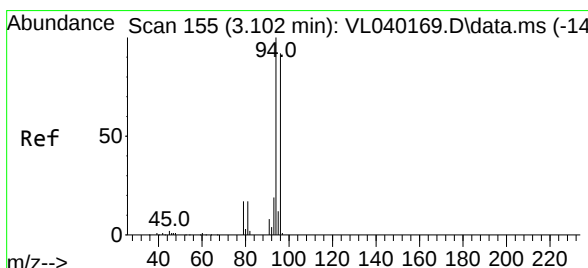
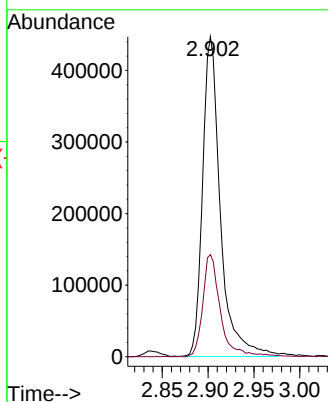
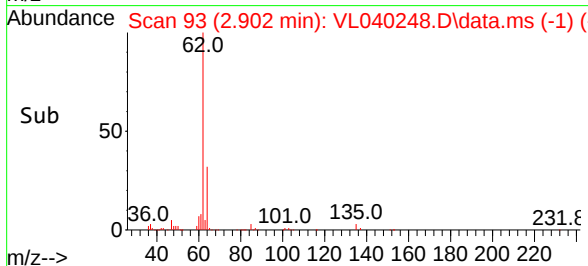
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01



Tgt Ion: 62 Resp: 60280
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.6 38.4

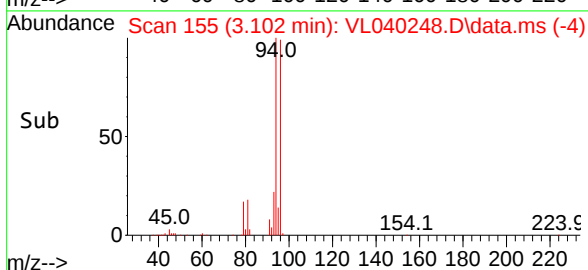
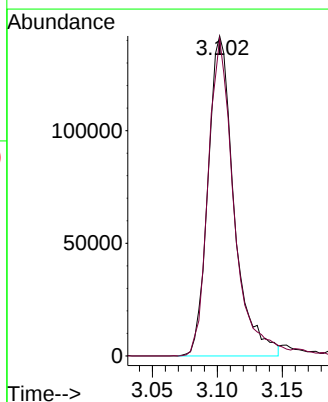
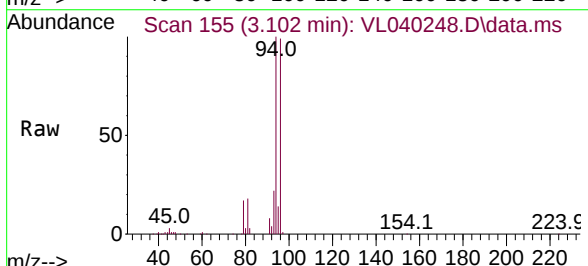
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#6
 Bromomethane
 Concen: 9.560 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.016 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

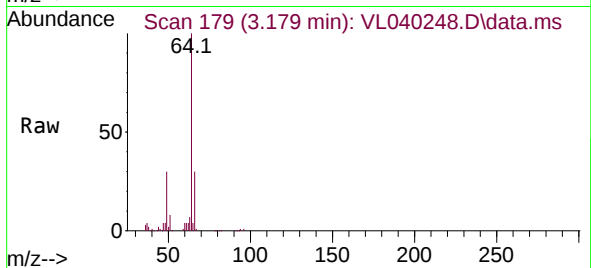
Tgt Ion: 94 Resp: 197867
 Ion Ratio Lower Upper
 94 100
 96 99.2 73.4 110.2





#7
Chloroethane
Concen: 9.974 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

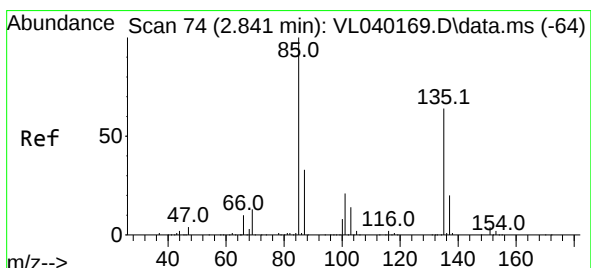
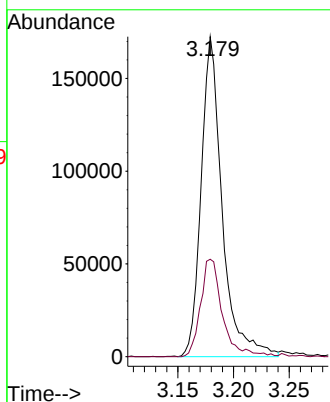
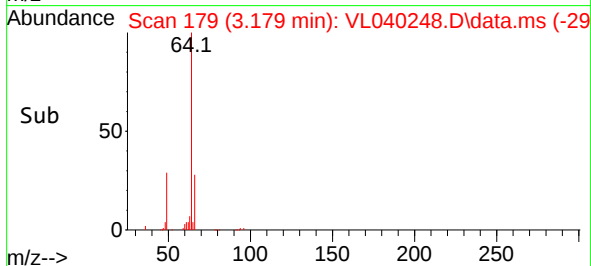
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 64 Resp: 226829
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2

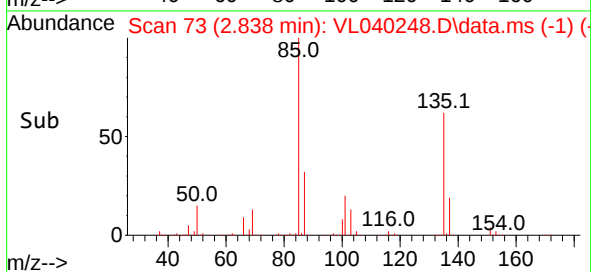
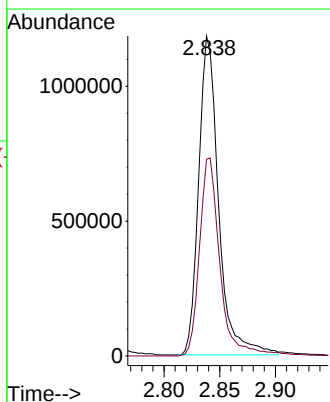
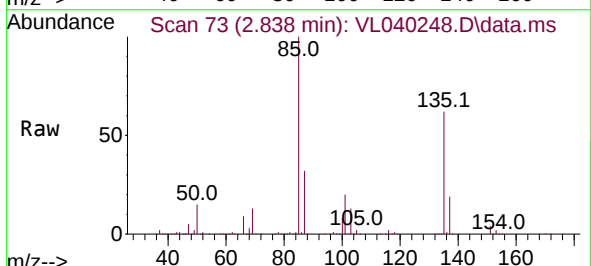
Manual Integrations
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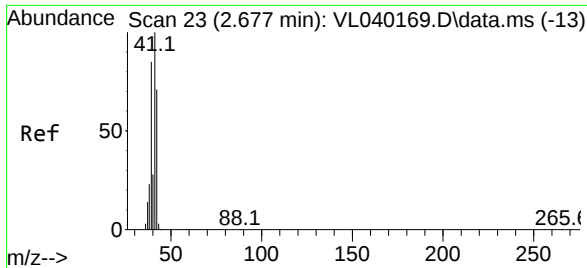
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#8
Dichlorotetrafluoroethane
Concen: 9.633 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

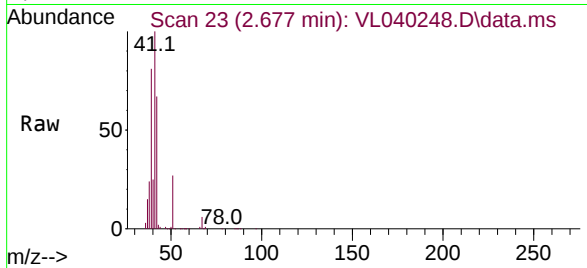
Tgt Ion: 85 Resp: 1471285
Ion Ratio Lower Upper
85 100
135 64.6 51.5 77.3





#9
 Propene
 Concen: 9.740 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

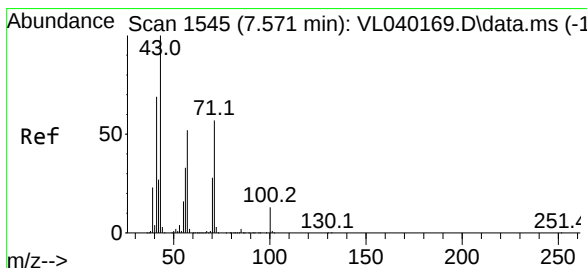
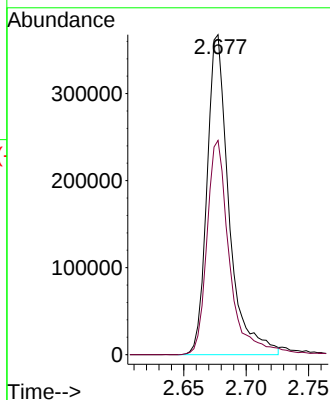
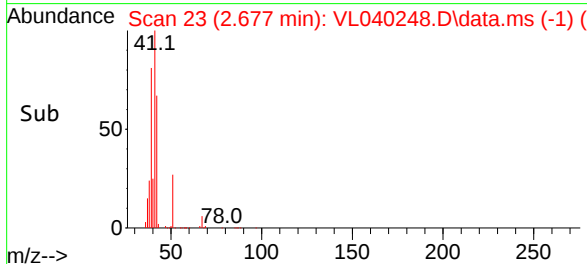
Instrument :
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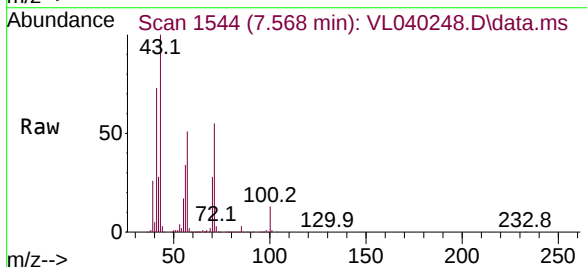
Tgt Ion: 41 Resp: 451048
 Ion Ratio Lower Upper
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 42 69.7 56.9 85.3

Manual Integrations
 APPROVED

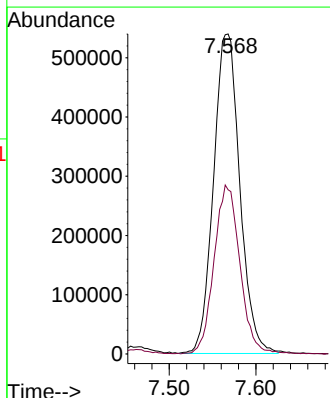
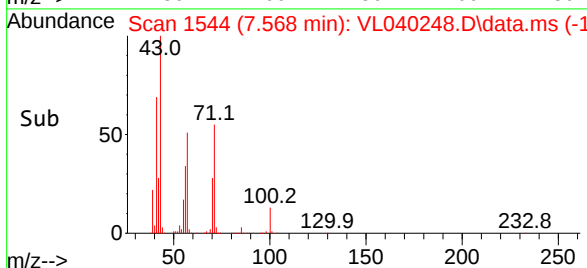
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

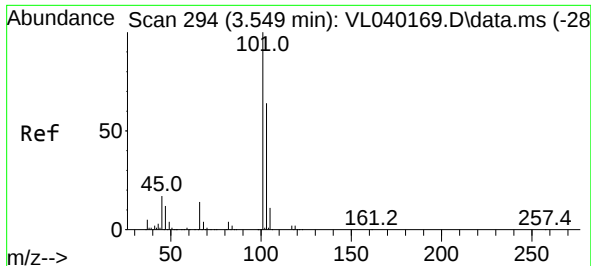


#10
 Heptane
 Concen: 10.320 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.026 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49



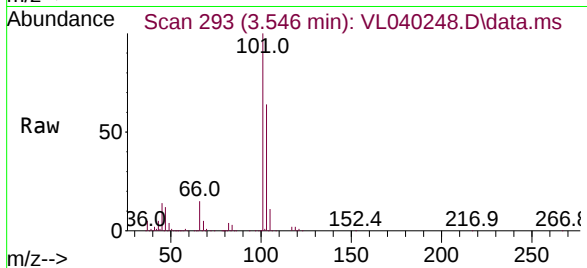
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 Ion Ratio Lower Upper
 43 100
 57 52.1 41.4 62.2





#11
Trichlorofluoromethane
Concen: 10.003 ppbv
RT: 3.546 min Scan# 294
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

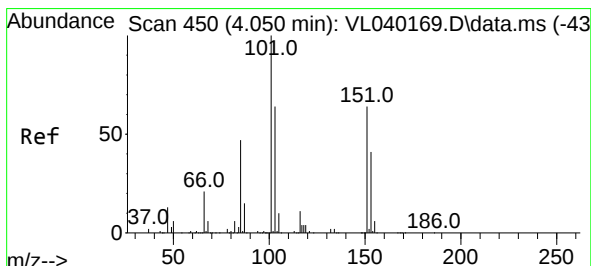
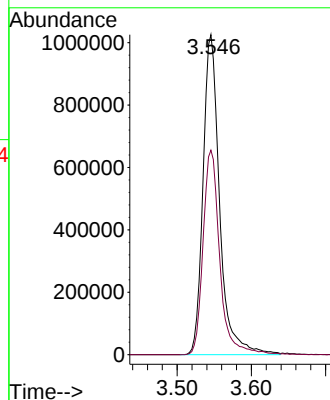
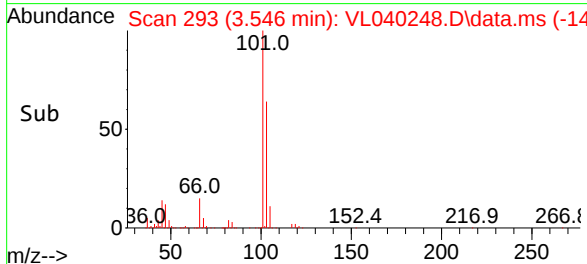
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion:101 Resp: 159084
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6

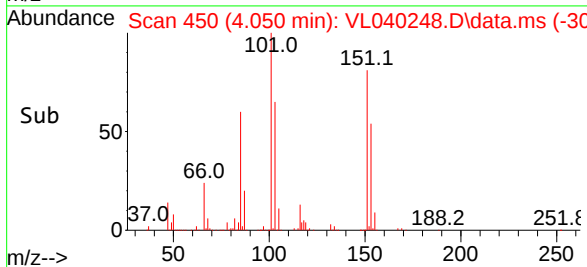
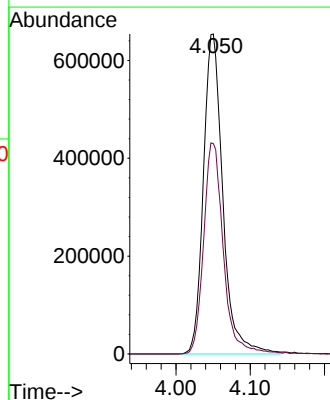
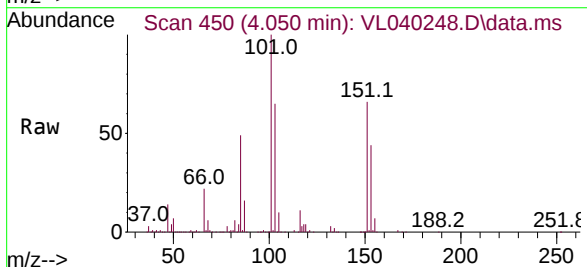
Manual Integrations
APPROVED

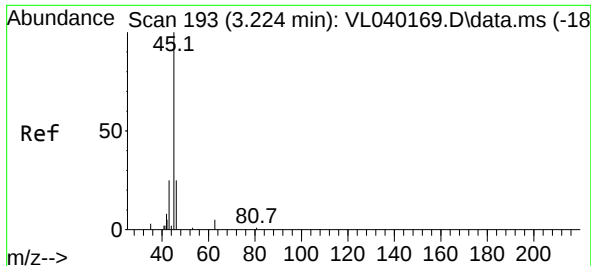
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.112 ppbv
RT: 4.050 min Scan# 450
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

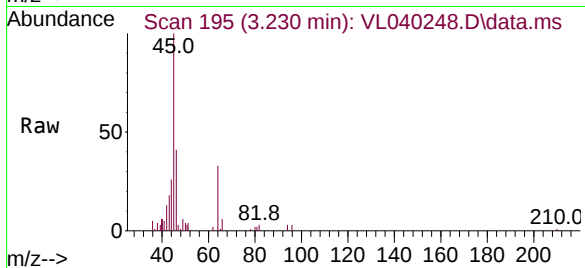
Tgt Ion:101 Resp: 1186452
Ion Ratio Lower Upper
101 100
151 67.0 54.7 82.1





#13
Ethanol
Concen: 7.515 ppbv m
RT: 3.230 min Scan# 193
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

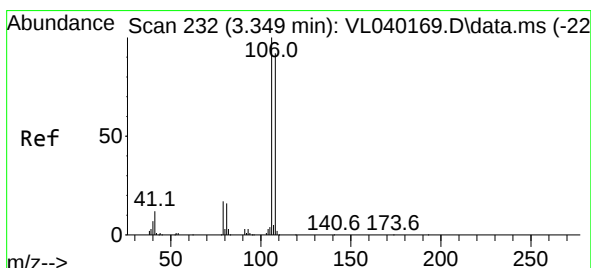
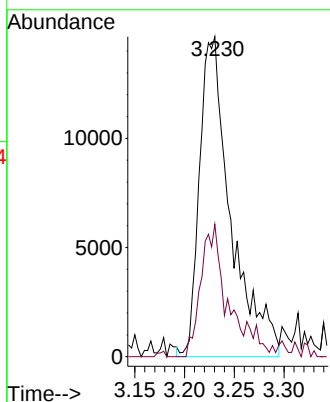
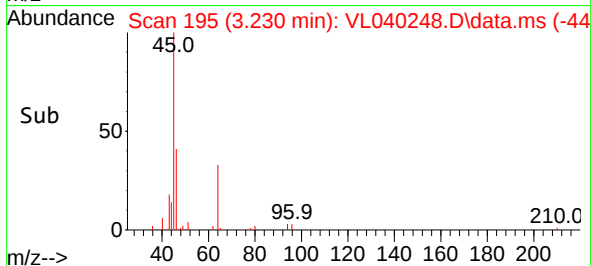
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 45 Resp: 3204
Ion Ratio Lower Upper
45 100
46 36.8 13.3 53.1

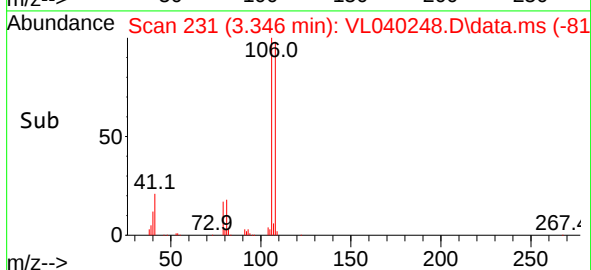
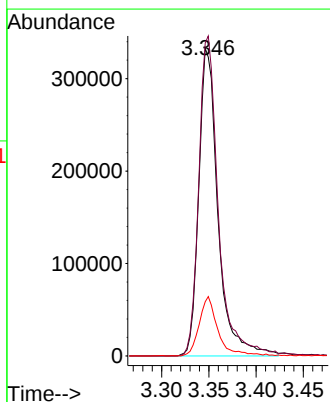
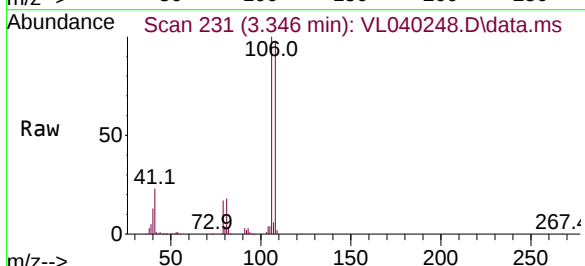
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#14
Bromoethene
Concen: 10.479 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

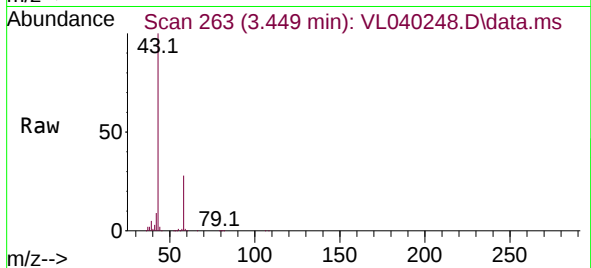
Tgt Ion:108 Resp: 471464
Ion Ratio Lower Upper
108 100
106 106.9 87.1 130.7
79 19.3 15.4 23.2





#15
Acetone
Concen: 9.326 ppbv
RT: 3.449 min Scan# 263
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

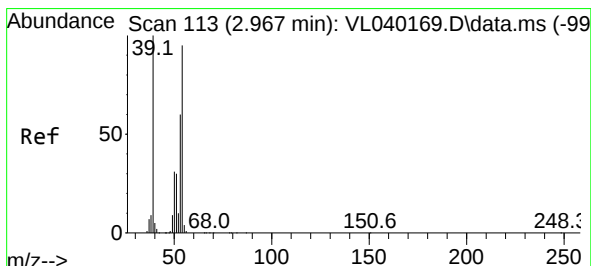
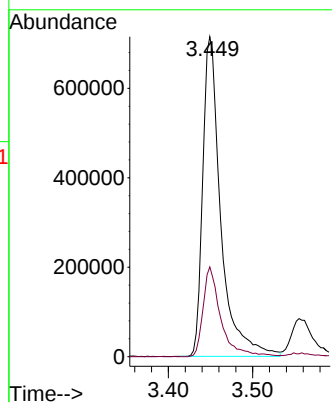
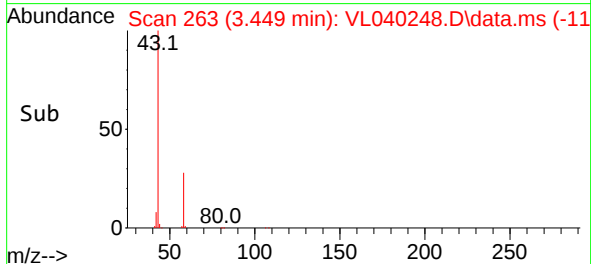
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 43 Resp: 1067889
Ion Ratio Lower Upper
43 100
58 27.7 22.4 33.6

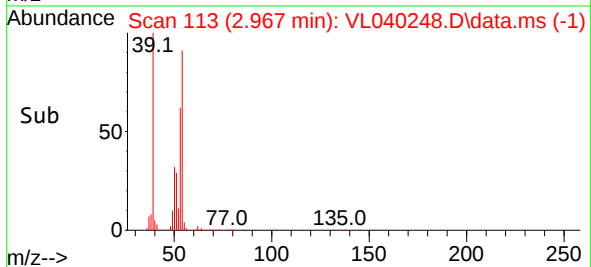
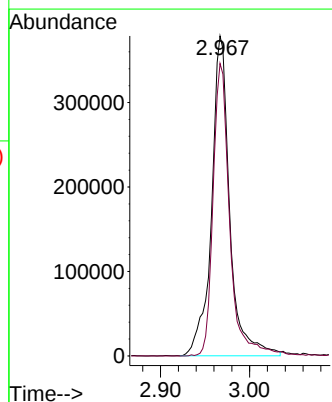
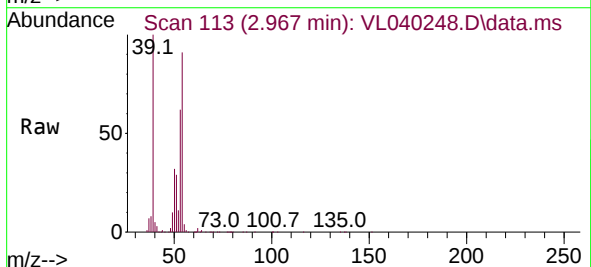
Manual Integrations
APPROVED

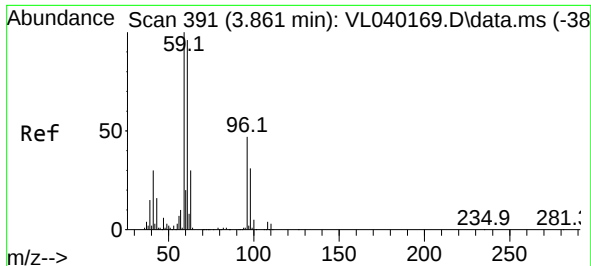
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#16
1,3-Butadiene
Concen: 10.290 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.016 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

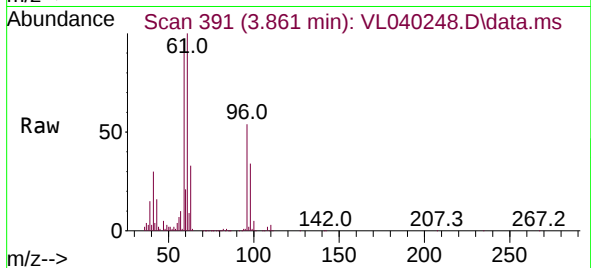
Tgt Ion: 39 Resp: 538066
Ion Ratio Lower Upper
39 100
54 84.2 66.7 100.1





#17
tert-Butyl alcohol
Concen: 10.684 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

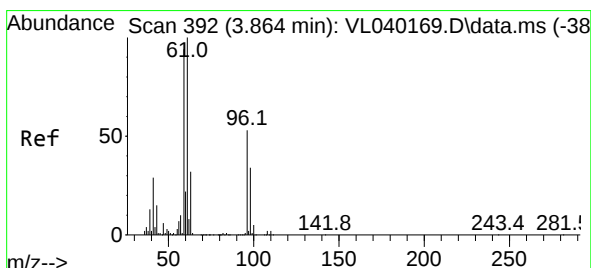
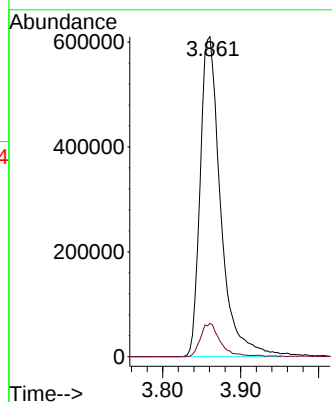
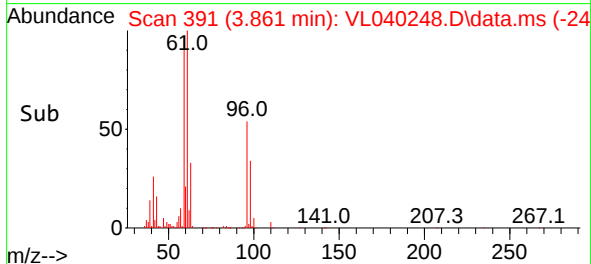
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



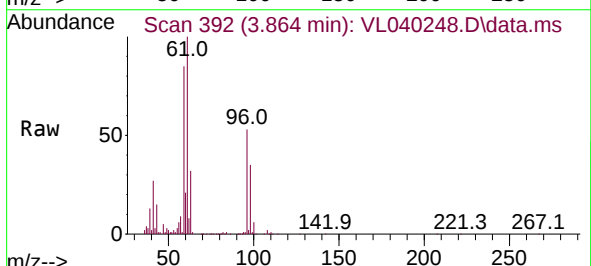
Tgt Ion: 59 Resp: 111568
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

Manual Integrations
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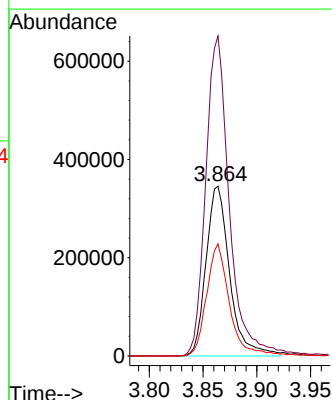
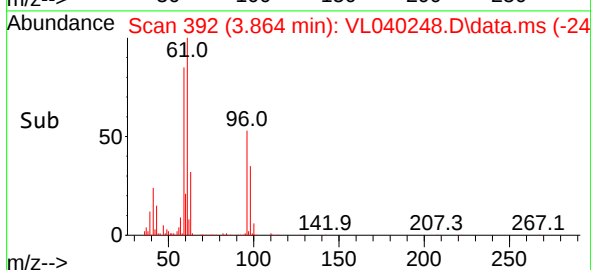
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

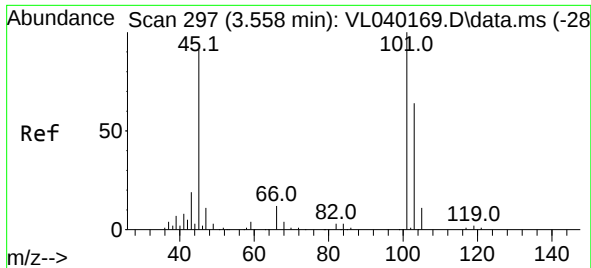


#18
1,1-Dichloroethene
Concen: 10.370 ppbv
RT: 3.864 min Scan# 392
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



Tgt Ion: 96 Resp: 528655
Ion Ratio Lower Upper
96 100
61 188.4 149.6 224.4
98 66.0 51.1 76.7





#19
Isopropyl Alcohol
Concen: 9.820 ppbv
RT: 3.555 min Scan# 297
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

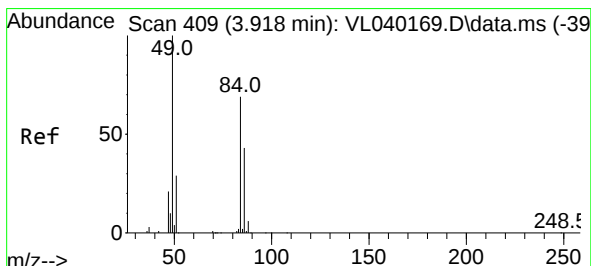
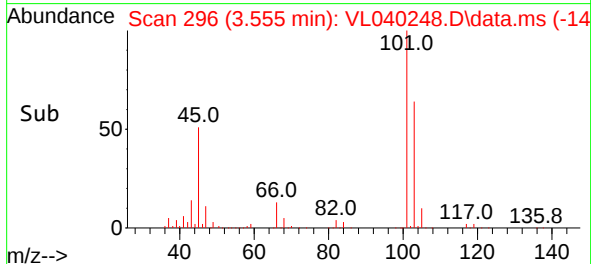
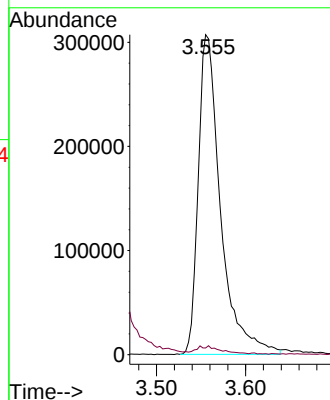
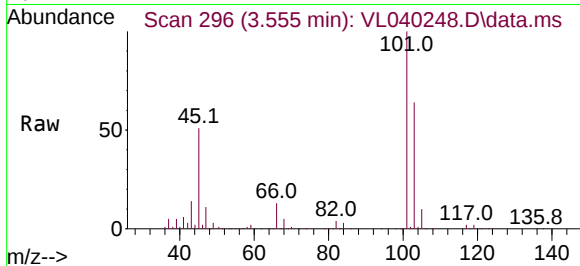
VL0308ABS01

Tgt Ion: 45 Resp: 53449
Ion Ratio Lower Upper
45 100
58 3.0 2.6 3.8

Manual Integrations

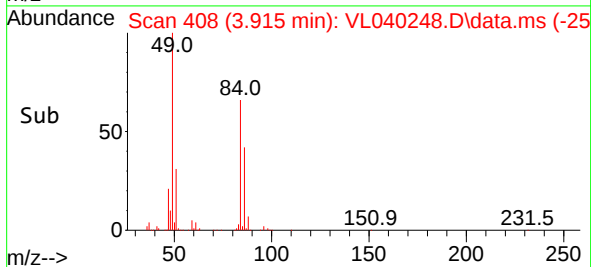
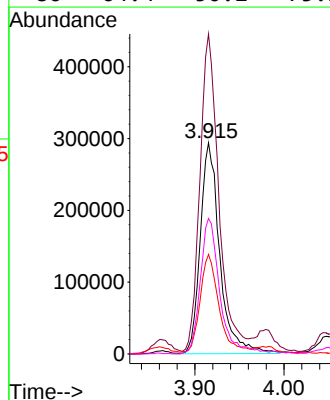
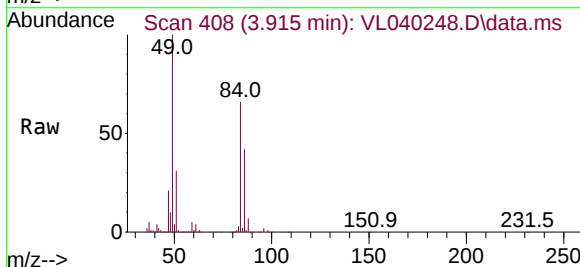
APPROVED

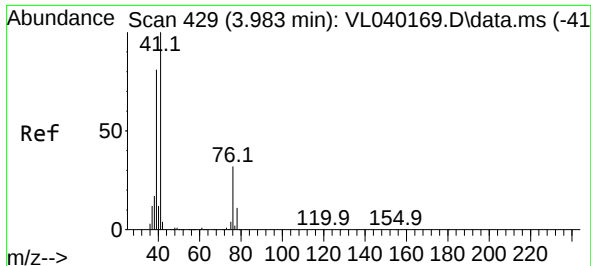
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#20
Methylene Chloride
Concen: 7.511 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

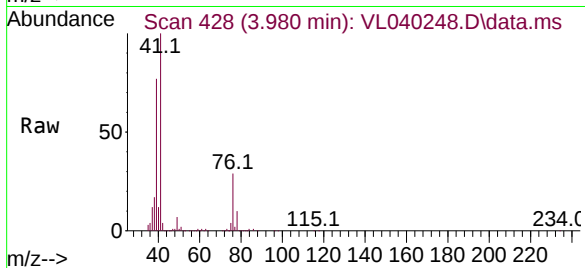
Tgt Ion: 84 Resp: 447695
Ion Ratio Lower Upper
84 100
49 150.4 115.5 173.3
51 46.4 33.1 49.7
86 64.4 50.2 75.2





#21
 Allyl Chloride
 Concen: 10.729 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

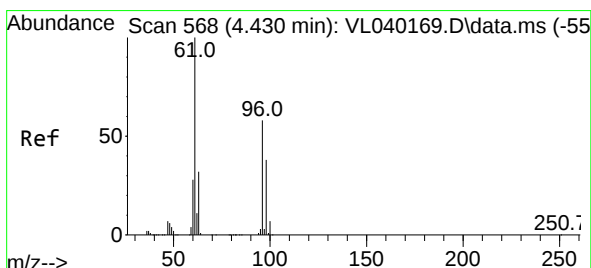
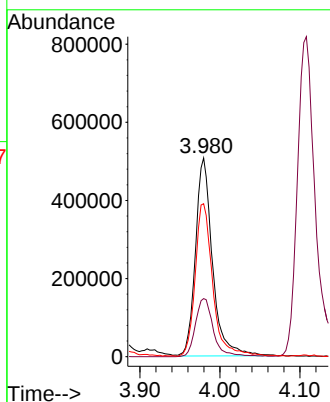
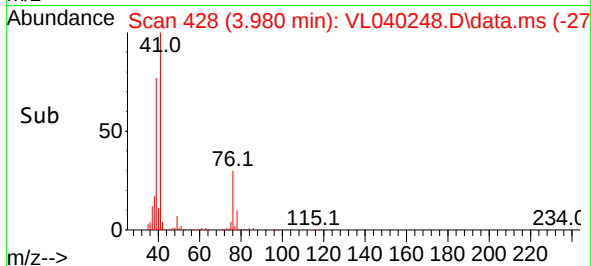
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01



Tgt Ion: 41 Resp: 75351
 Ion Ratio Lower Upper
 41 100
 76 30.9 25.5 38.3
 39 79.1 64.5 96.7

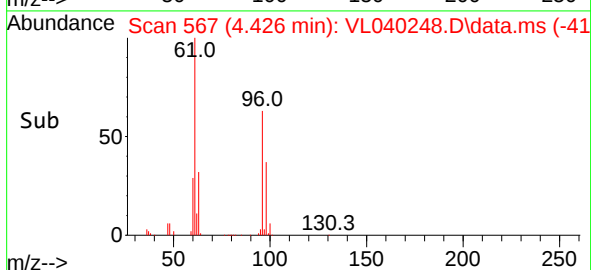
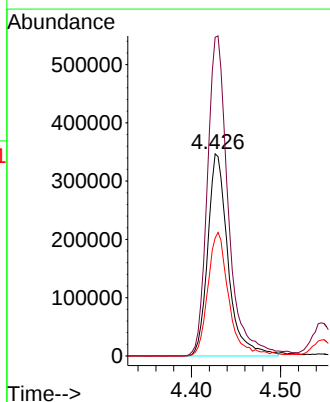
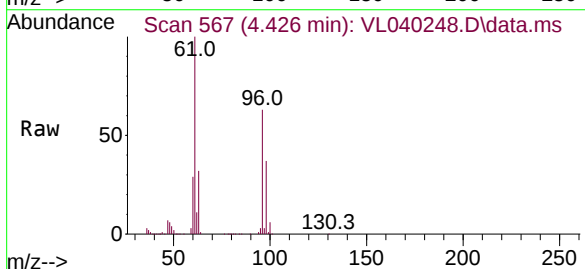
Manual Integrations
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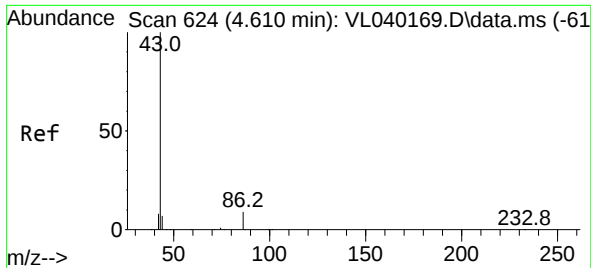
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.402 ppbv
 RT: 4.426 min Scan# 567
 Delta R.T. -0.026 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion: 96 Resp: 549095
 Ion Ratio Lower Upper
 96 100
 61 157.7 137.5 206.3
 98 58.3 52.8 79.2





#23
 Vinyl Acetate
 Concen: 10.091 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. -0.022 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

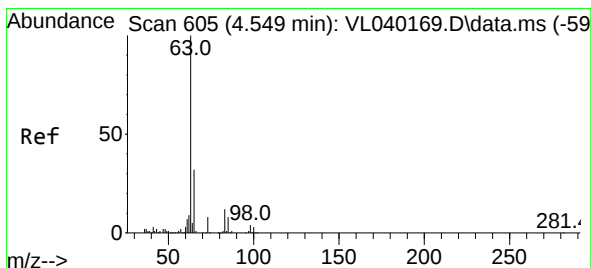
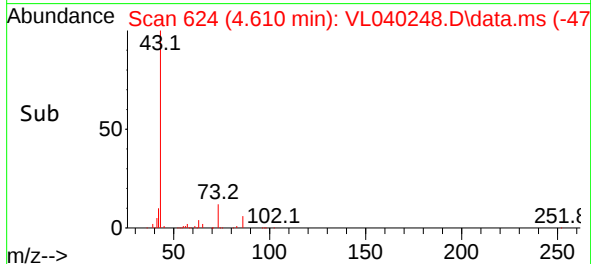
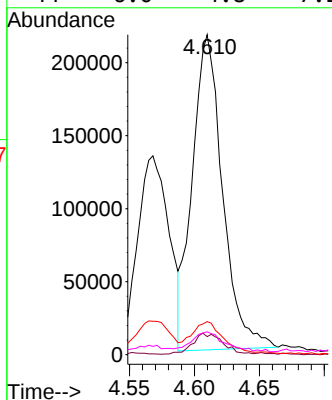
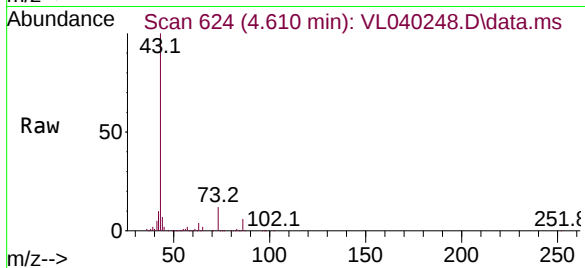
ClientSampleId :

VL0308ABS01

Tgt Ion: 43 Resp: 350648
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.6 8.4
 42 10.1 7.6 11.4
 44 6.0 4.8 7.2

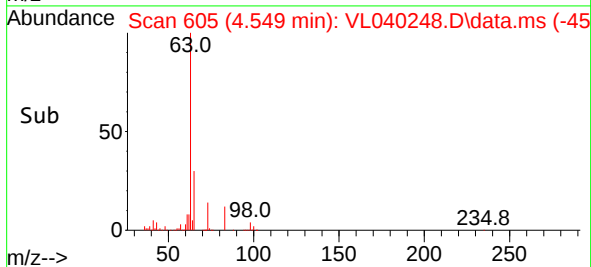
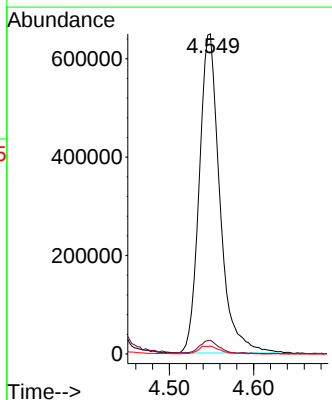
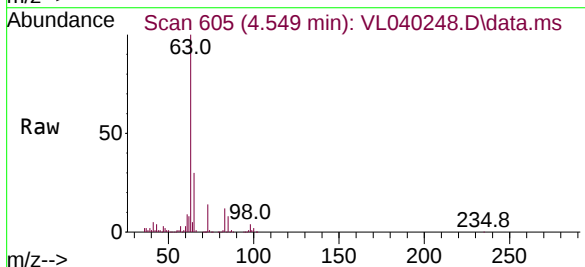
Manual Integrations
 APPROVED

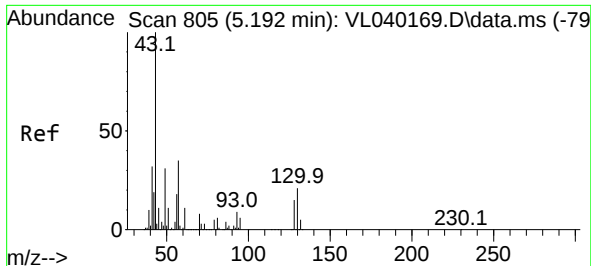
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#24
 1,1-Dichloroethane
 Concen: 10.148 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.022 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

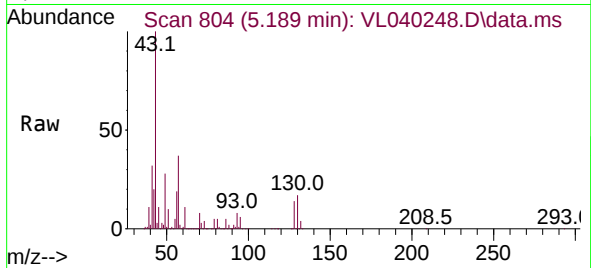
Tgt Ion: 63 Resp: 1102237
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 9.773 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.022 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

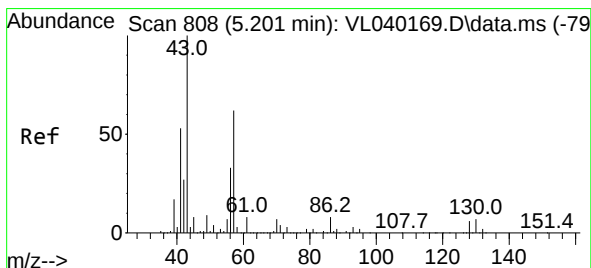
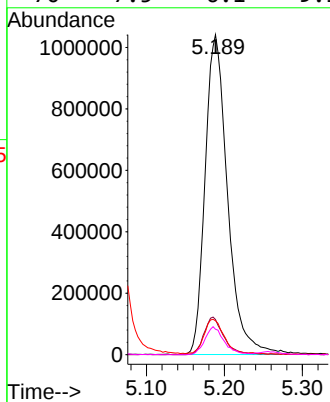
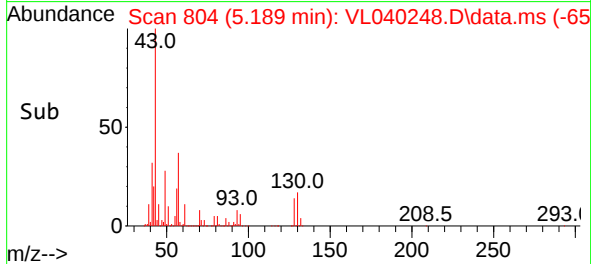
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 43 Resp: 2080315
Ion Ratio Lower Upper
43 100
45 10.6 8.3 12.5
61 9.9 8.4 12.6
70 7.5 6.1 9.1

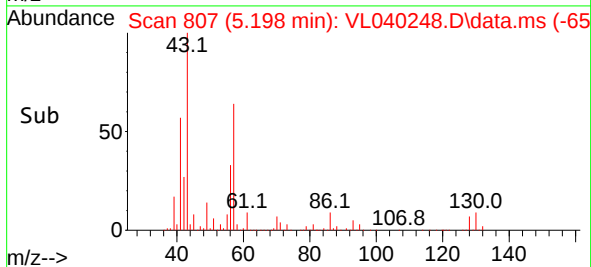
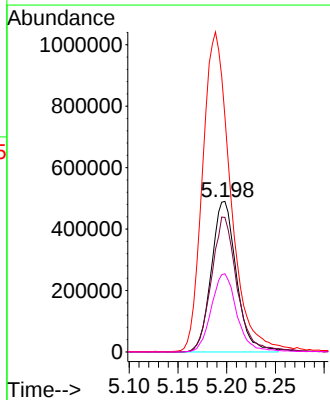
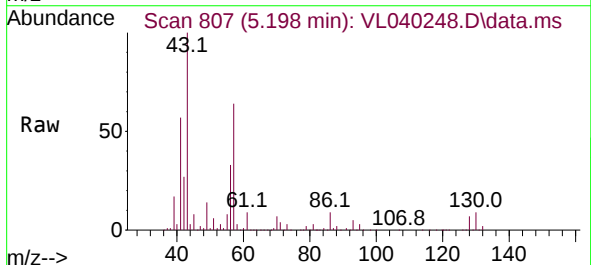
Manual Integrations
APPROVED

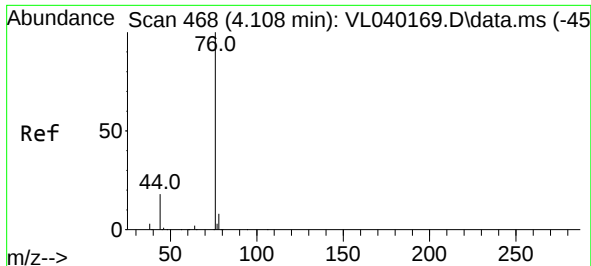
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#26
Hexane
Concen: 9.552 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.026 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

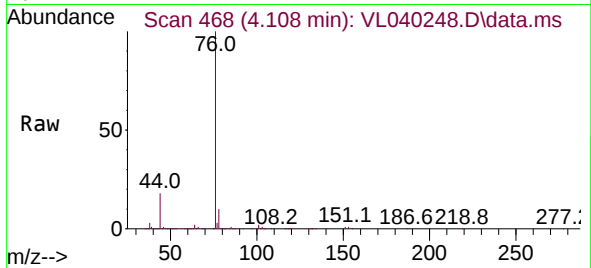
Tgt Ion: 57 Resp: 872846
Ion Ratio Lower Upper
57 100
41 93.1 74.3 111.5
43 241.2 193.0 289.4
56 53.7 42.6 64.0





#27
Carbon Disulfide
Concen: 11.298 ppbv
RT: 4.108 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

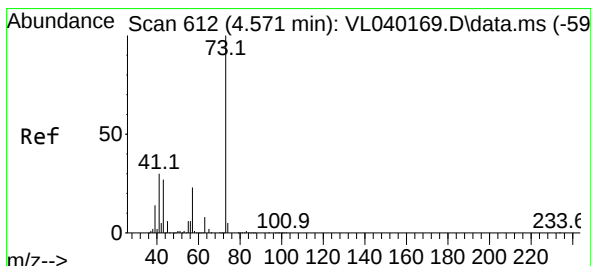
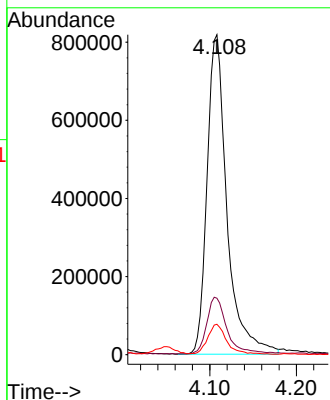
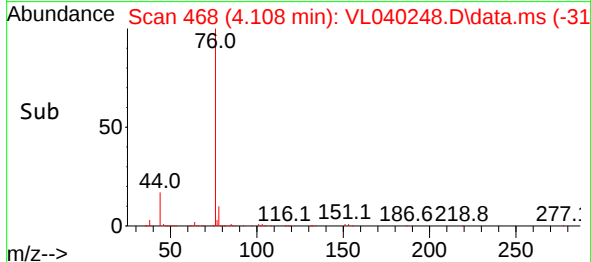
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



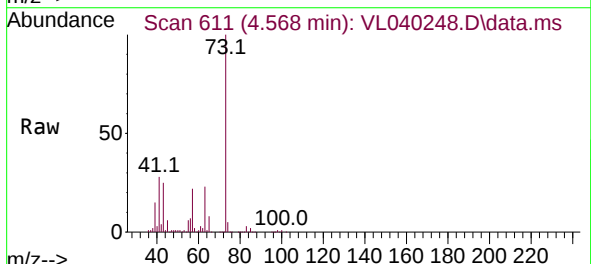
Tgt Ion: 76 Resp: 1310040
Ion Ratio Lower Upper
76 100
44 18.4 15.3 22.9
78 9.5 7.7 11.5

Manual Integrations
APPROVED

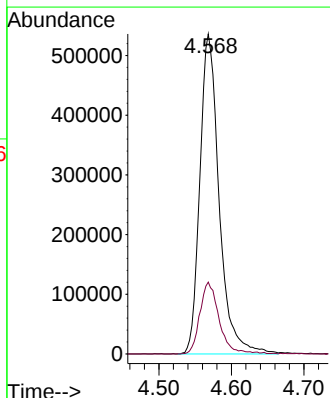
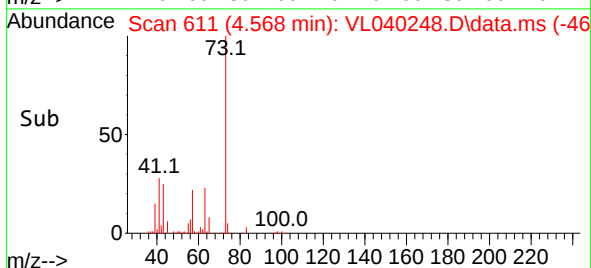
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

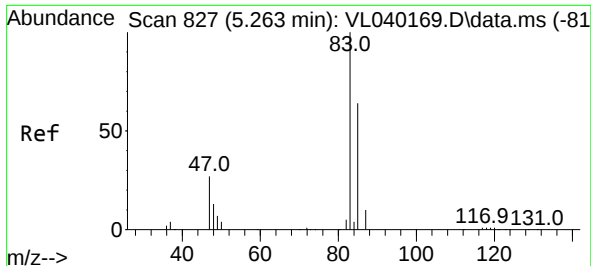


#28
Methyl tert-Butyl Ether
Concen: 10.101 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.022 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



Tgt Ion: 73 Resp: 988996
Ion Ratio Lower Upper
73 100
57 22.7 18.8 28.2





#29

Chloroform

Concen: 9.780 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

Tgt Ion: 83 Resp: 1534428

Ion Ratio Lower Upper

83 100

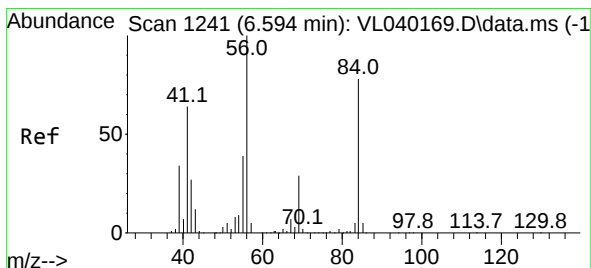
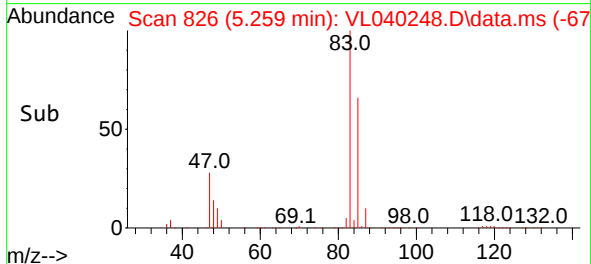
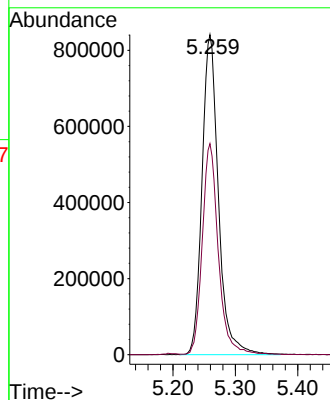
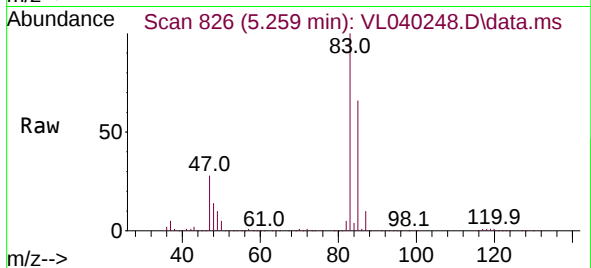
85 65.8 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#30

Cyclohexane

Concen: 10.339 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.032 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

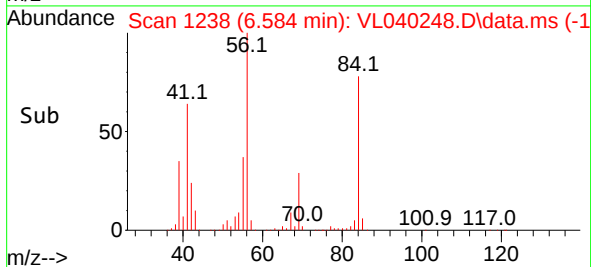
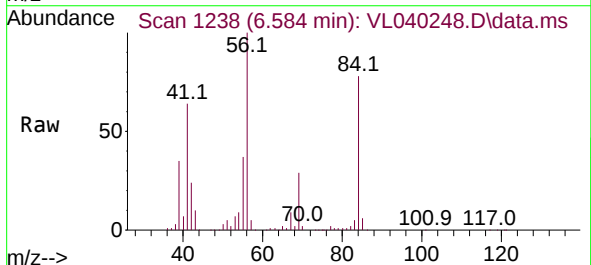
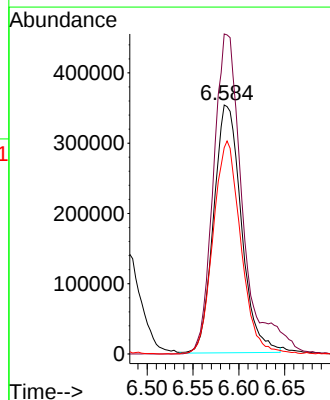
Tgt Ion: 84 Resp: 741848

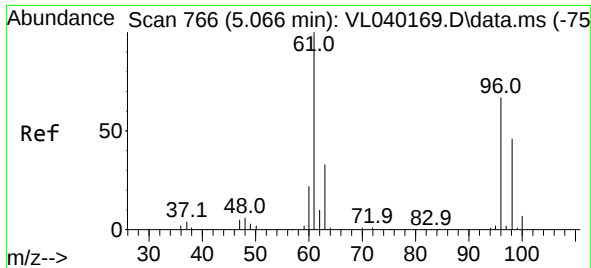
Ion Ratio Lower Upper

84 100

56 137.2 109.9 164.9

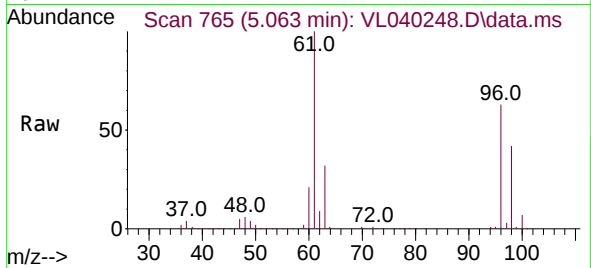
41 85.8 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.490 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.022 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

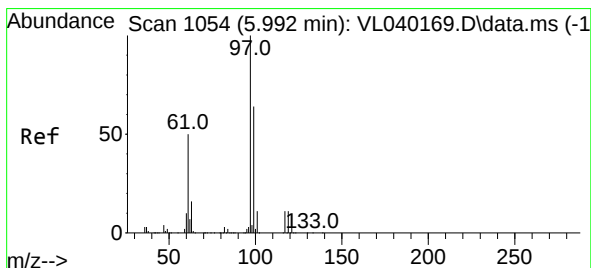
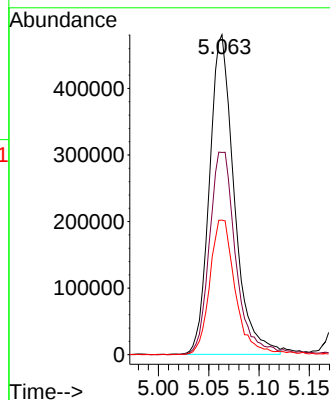
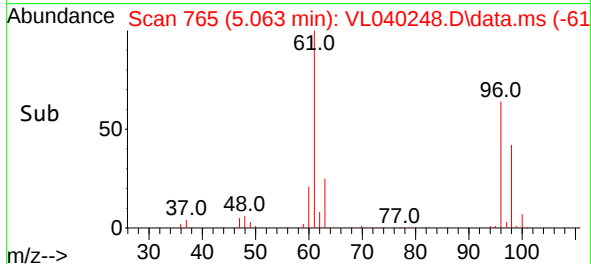
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01



Tgt Ion: 61 Resp: 82389
 Ion Ratio Lower Upper
 61 100
 96 63.1 53.7 80.5
 98 42.0 36.4 54.6

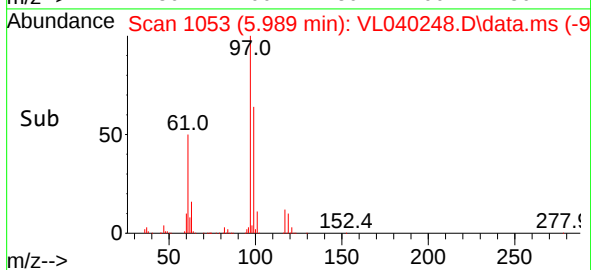
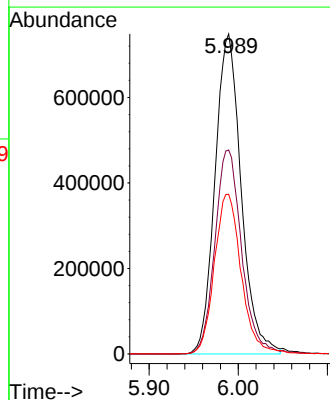
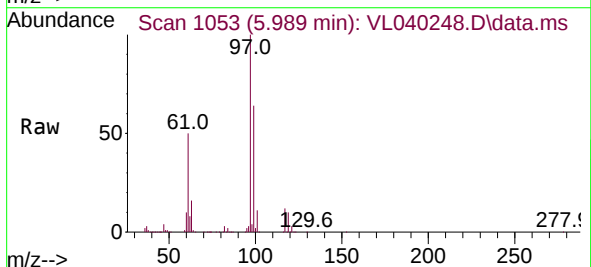
Manual Integrations
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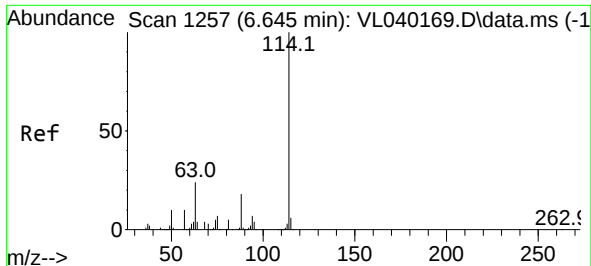
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.364 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.026 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Tgt Ion: 97 Resp: 1527809
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.5 77.3
 61 51.5 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

Tgt Ion:114 Resp: 242426

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

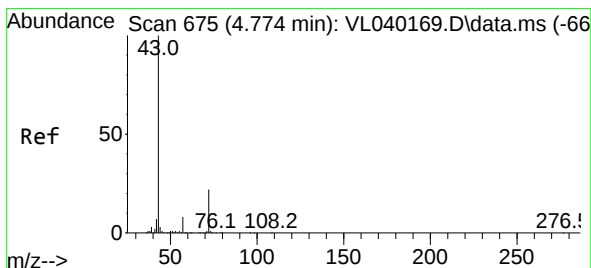
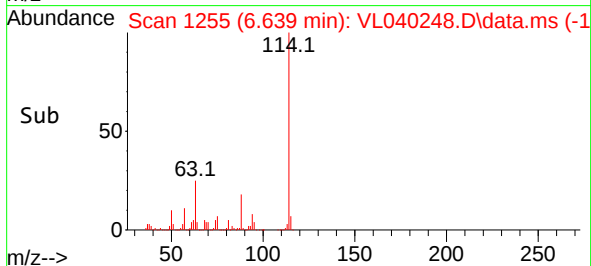
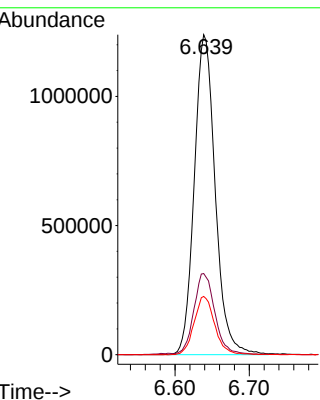
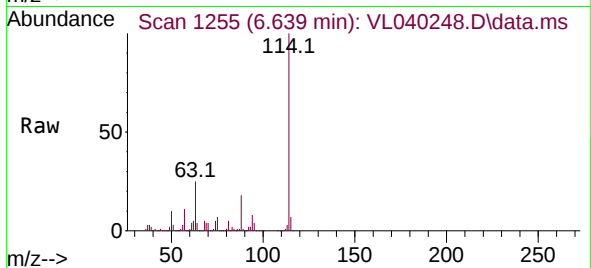
88 18.0 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#34

2-Butanone

Concen: 9.916 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.026 min

Lab File: VL040248.D

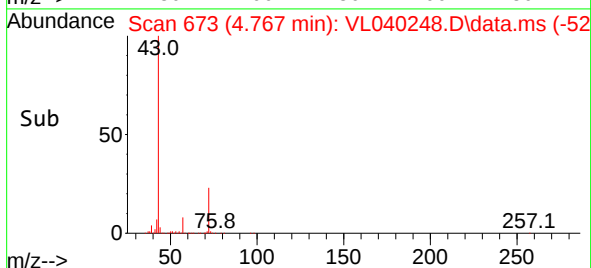
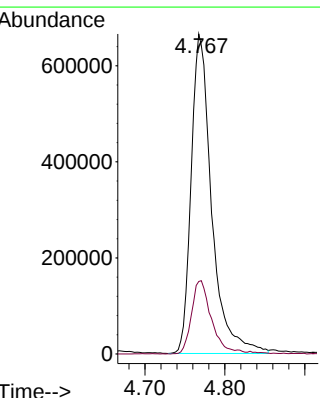
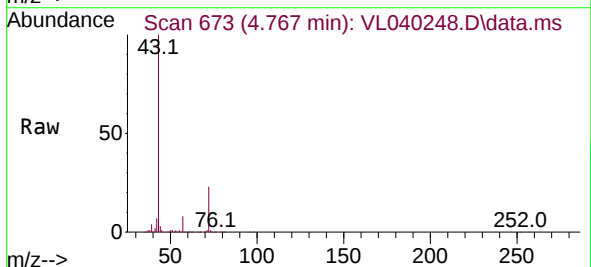
Acq: 8 Mar 2023 10:49

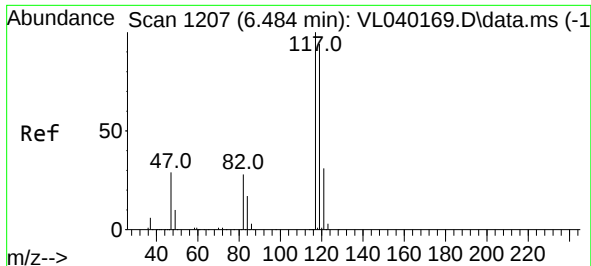
Tgt Ion: 43 Resp: 1185813

Ion Ratio Lower Upper

43 100

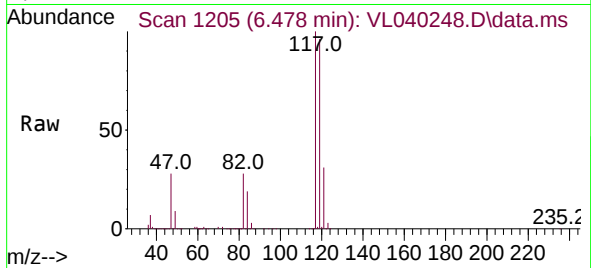
72 23.1 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.130 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

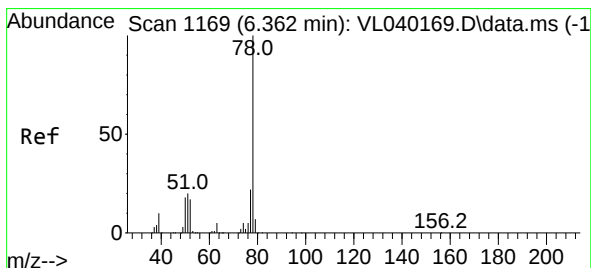
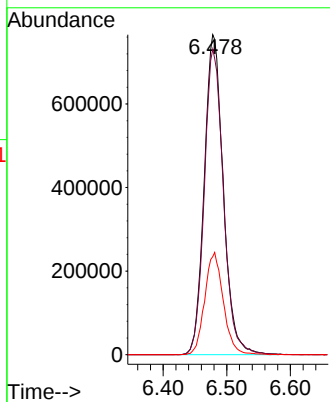
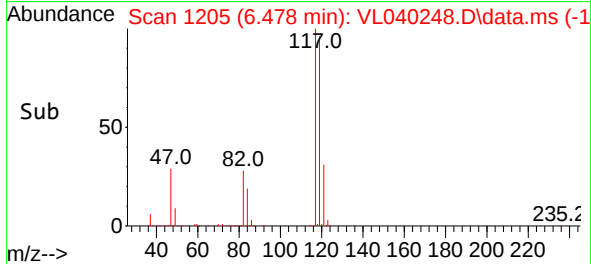
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 117 Resp: 1595092
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
121 30.7 25.0 37.4

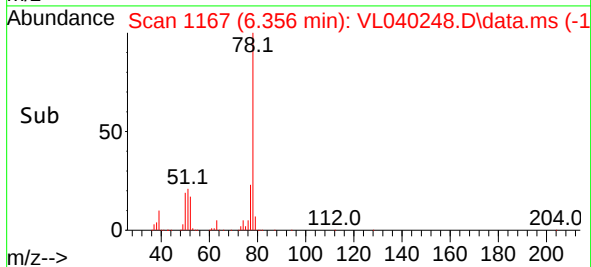
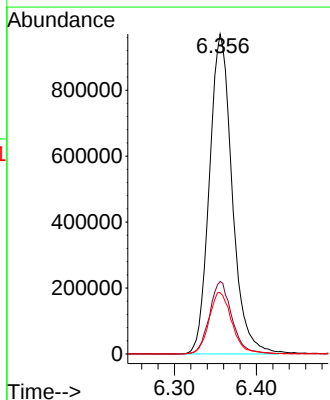
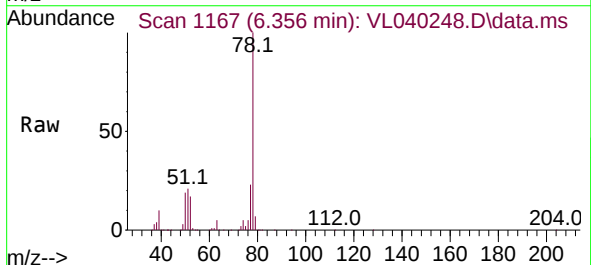
Manual Integrations
APPROVED

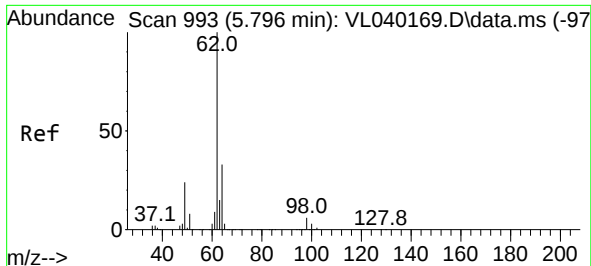
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#36
Benzene
Concen: 9.926 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

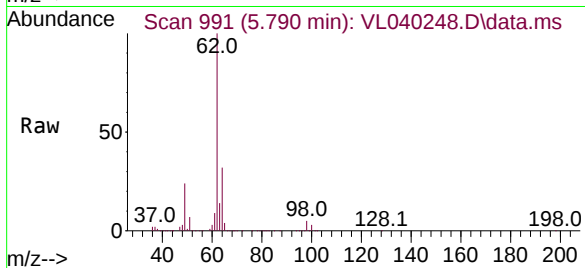
Tgt Ion: 78 Resp: 1872632
Ion Ratio Lower Upper
78 100
77 22.7 17.5 26.3
50 19.2 14.6 22.0





#37
1,2-Dichloroethane
Concen: 10.181 ppbv
RT: 5.790 min Scan# 991
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

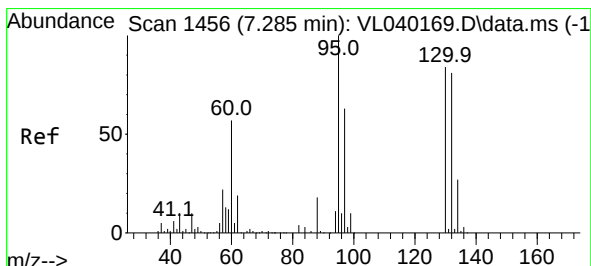
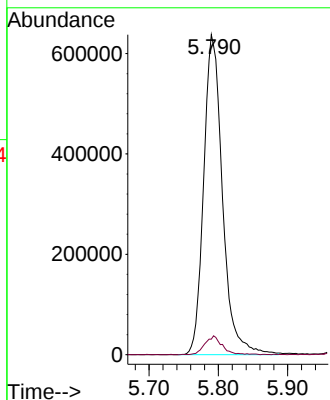
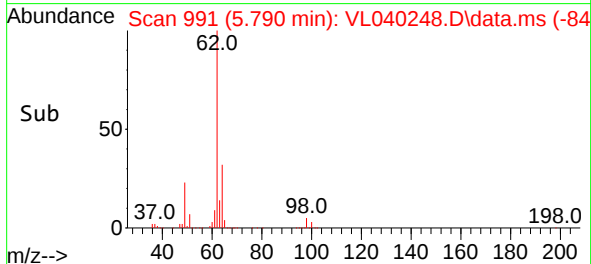
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 62 Resp: 120127
Ion Ratio Lower Upper
62 100
98 5.5 4.7 7.1

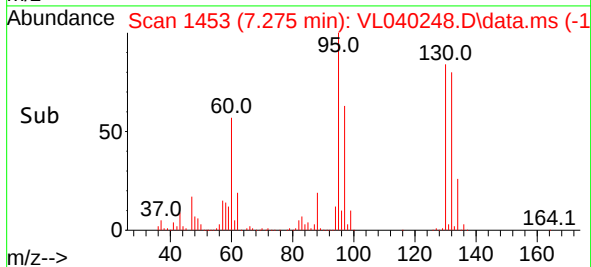
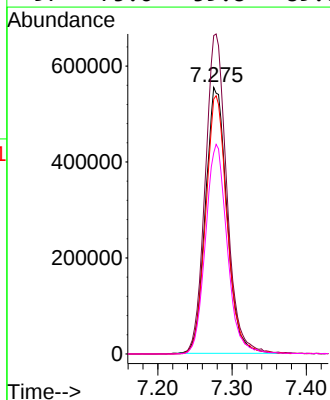
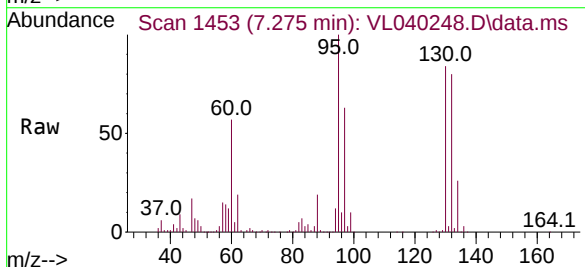
Manual Integrations
APPROVED

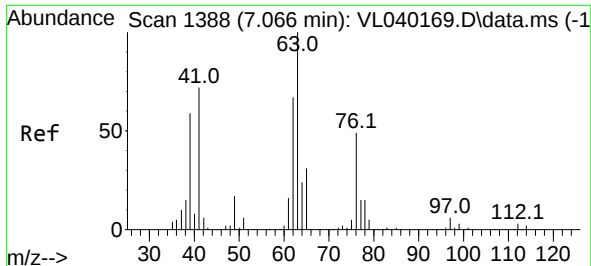
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#38
Trichloroethene
Concen: 10.728 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

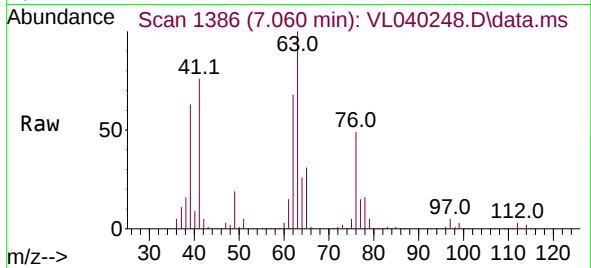
Tgt Ion:130 Resp: 1115296
Ion Ratio Lower Upper
130 100
95 119.7 94.7 142.1
132 95.8 76.4 114.6
97 75.6 59.8 89.6





#39
1,2-Dichloropropane
Concen: 9.851 ppbv
RT: 7.060 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

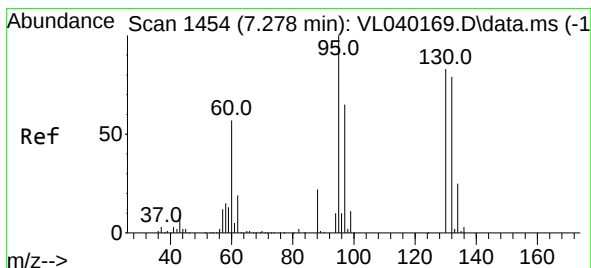
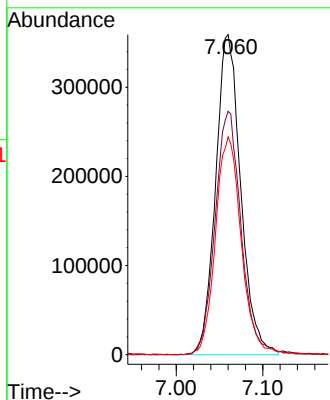
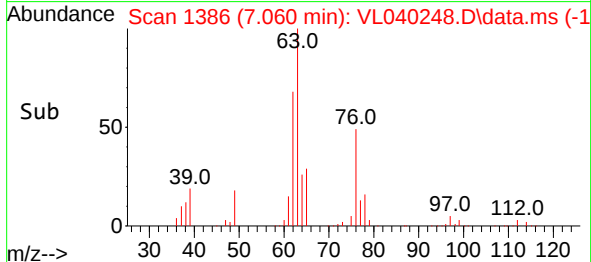
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 63 Resp: 723012
Ion Ratio Lower Upper
63 100
41 75.9 57.6 86.4
62 68.1 54.0 81.0

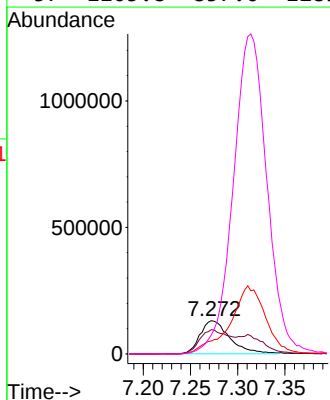
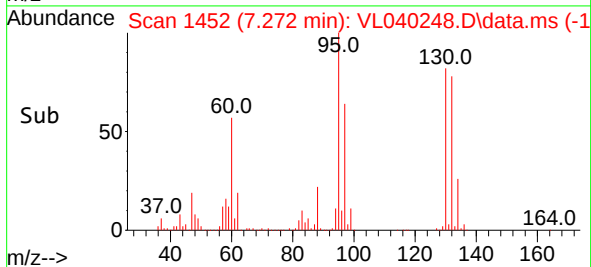
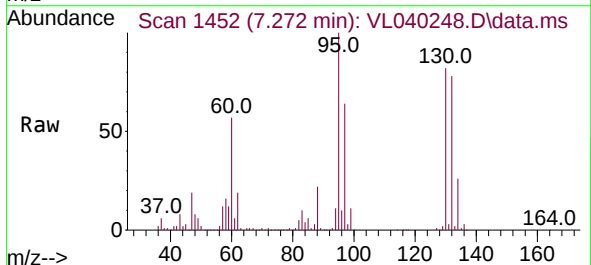
Manual Integrations
APPROVED

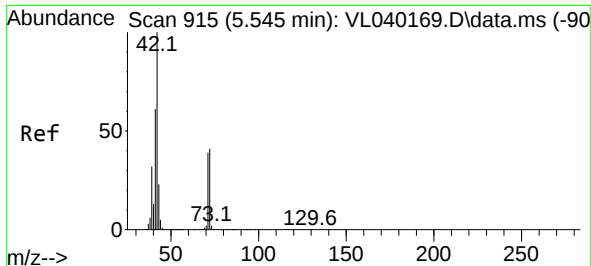
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#40
1,4-Dioxane
Concen: 9.707 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 88 Resp: 284989
Ion Ratio Lower Upper
88 100
58 123.9 97.4 146.0
43 250.3 193.5 290.3
57 1105.8 857.0 1285.6





#41

Tetrahydrofuran

Concen: 10.274 ppbv

RT: 5.542 min Scan# 915

Delta R.T. -0.026 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

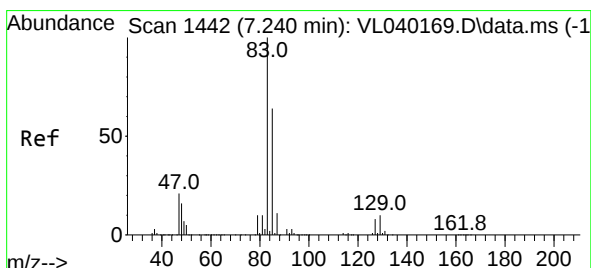
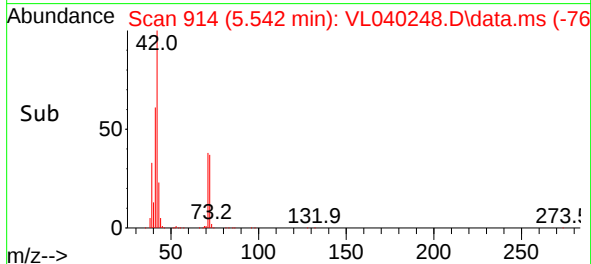
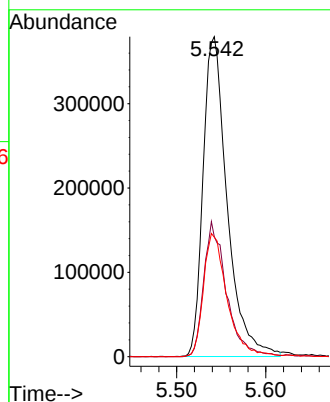
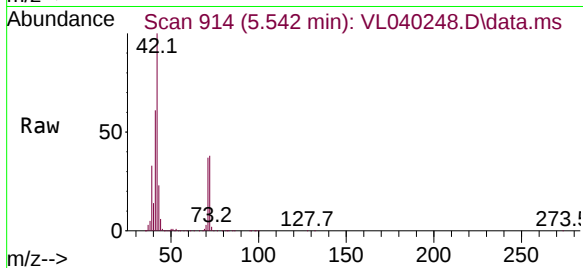
Tgt Ion: 42 Resp: 71199

Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.0	49.4
71	38.2	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#42

Bromodichloromethane

Concen: 10.630 ppbv m

RT: 7.237 min Scan# 1441

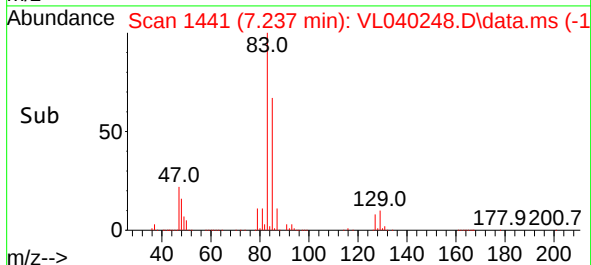
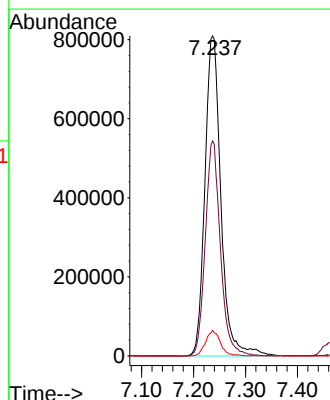
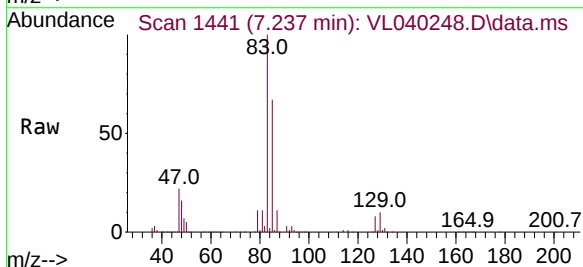
Delta R.T. -0.026 min

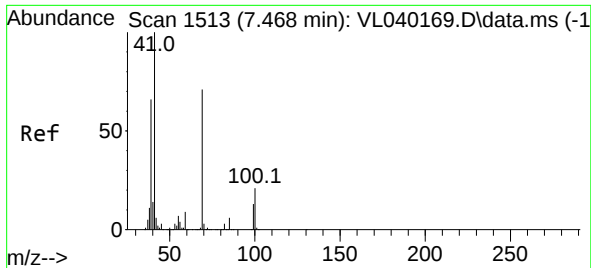
Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Tgt Ion: 83 Resp: 1731170

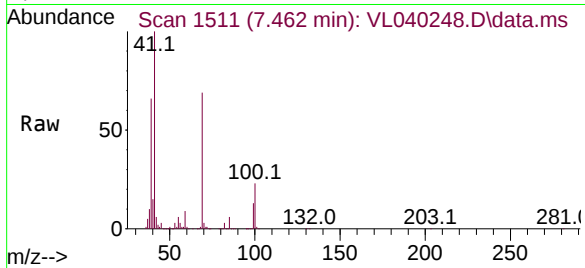
Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.9	76.3
127	8.0	6.2	9.2





#43
Methyl Methacrylate
Concen: 10.671 ppbv
RT: 7.462 min Scan# 1511
Delta R.T. -0.026 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

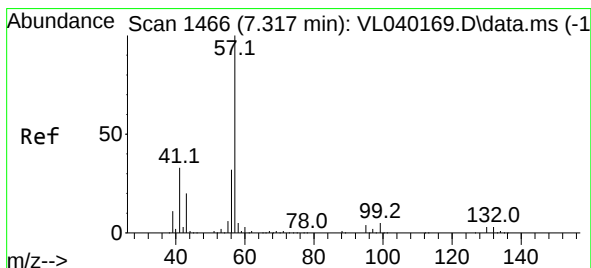
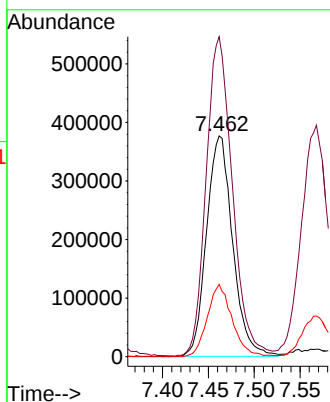
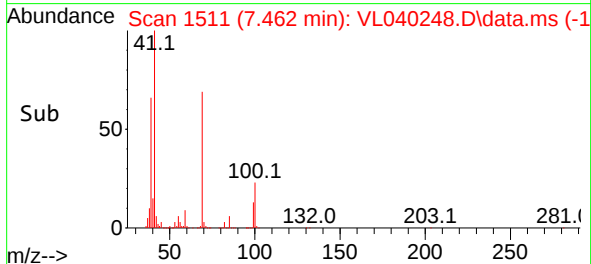
Instrument : MSVOA_L
ClientSampleId : VL0308ABS01



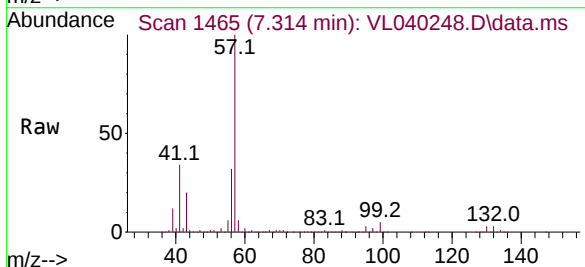
Tgt Ion: 69 Resp: 74495
Ion Ratio Lower Upper
69 100
41 145.6 116.6 174.8
100 31.0 25.6 38.4

Manual Integrations
APPROVED

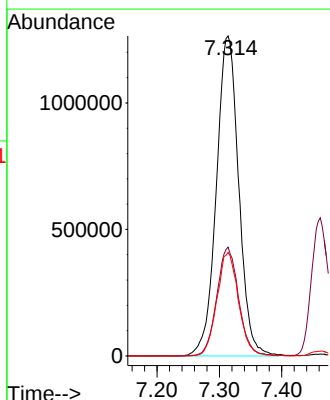
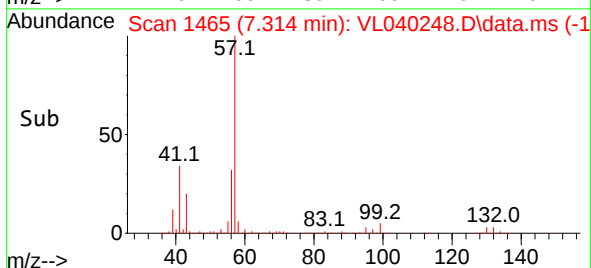
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

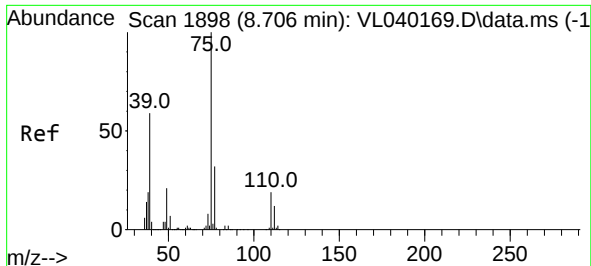


#44
2,2,4-Trimethylpentane
Concen: 9.990 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



Tgt Ion: 57 Resp: 3146089
Ion Ratio Lower Upper
57 100
41 33.2 26.2 39.4
56 31.4 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 11.666 ppbv

RT: 8.700 min Scan# 1719

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

Tgt Ion: 75 Resp: 72240

Ion Ratio Lower Upper

75 100

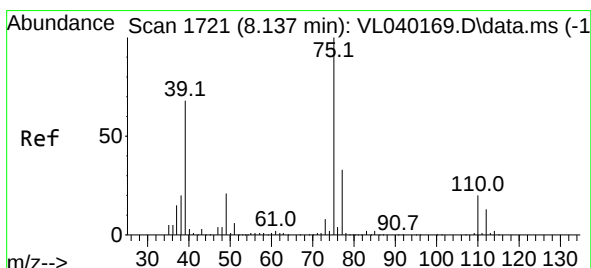
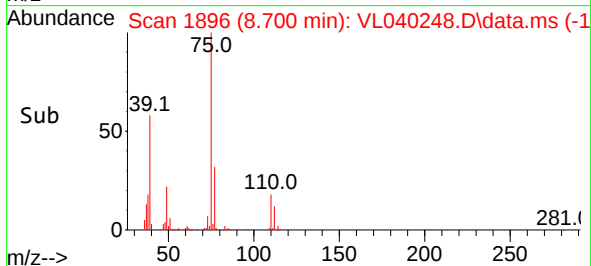
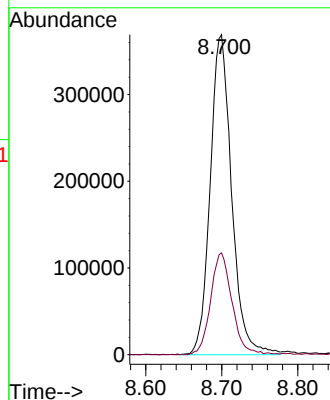
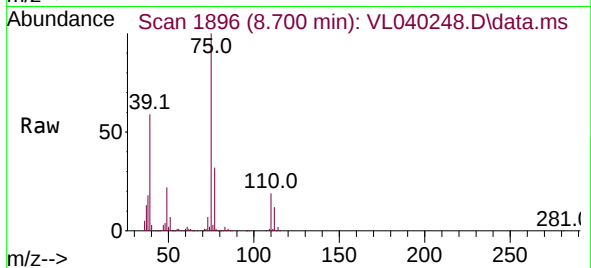
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#46

cis-1,3-Dichloropropene

Concen: 11.266 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

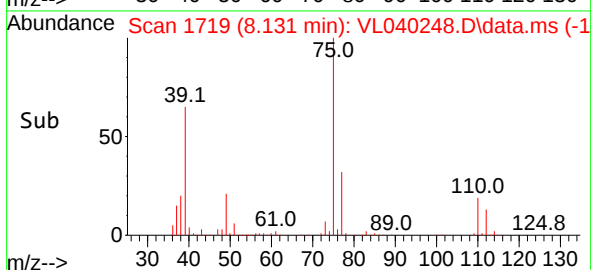
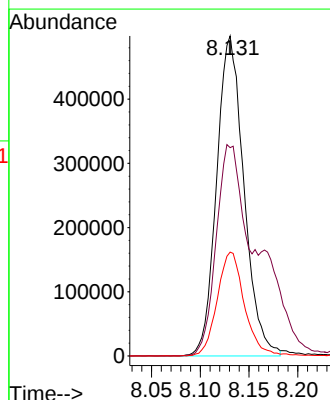
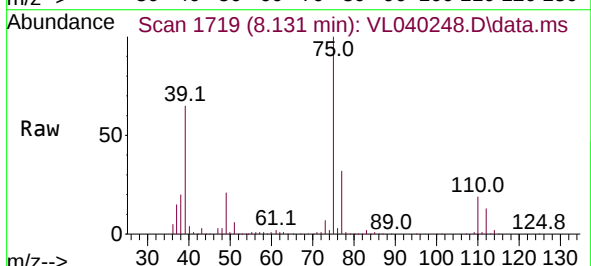
Tgt Ion: 75 Resp: 971904

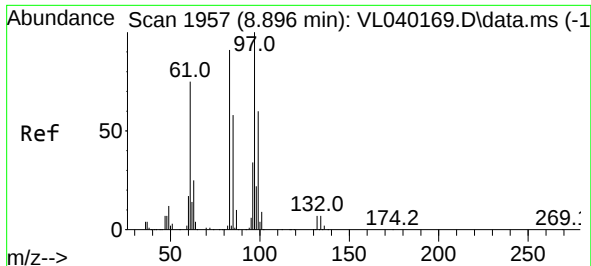
Ion Ratio Lower Upper

75 100

39 65.1 54.2 81.2

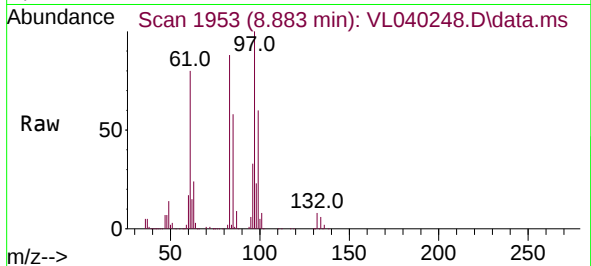
77 32.5 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 9.809 ppbv
RT: 8.883 min Scan# 1953
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

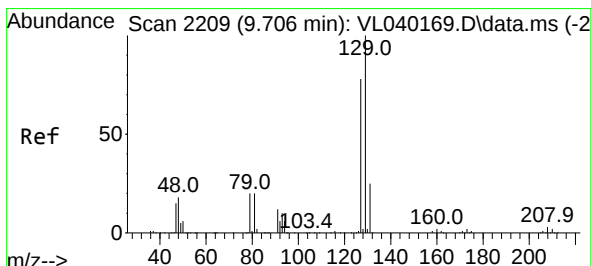
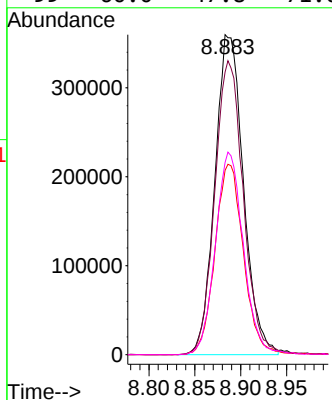
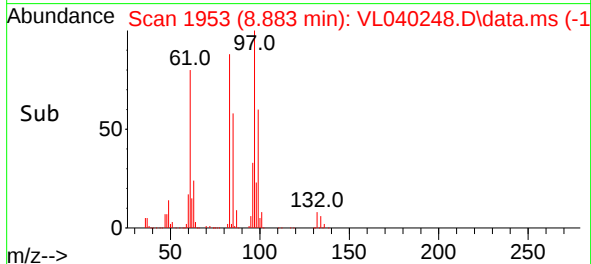
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 97 Resp: 77866
Ion Ratio Lower Upper
97 100
83 88.3 72.8 109.2
85 57.6 46.6 69.8
99 60.0 47.8 71.6

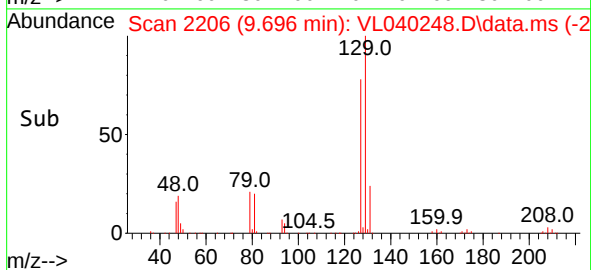
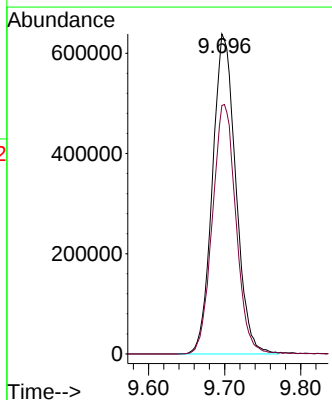
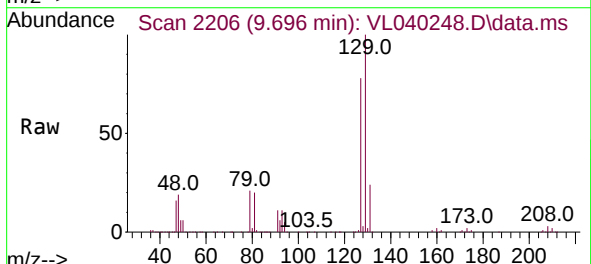
Manual Integrations
APPROVED

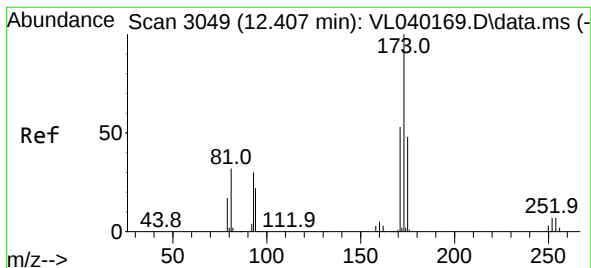
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#48
Dibromochloromethane
Concen: 10.706 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:129 Resp: 1359320
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





#49

Bromoform

Concen: 10.735 ppbv

RT: 12.400 min Scan# 3049

Delta R.T. -0.029 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

Tgt Ion:173 Resp: 1063864

Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

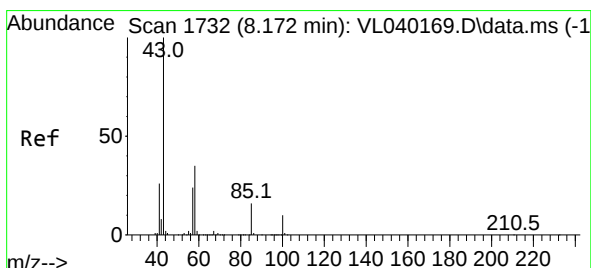
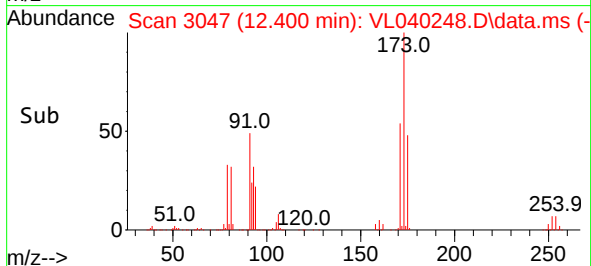
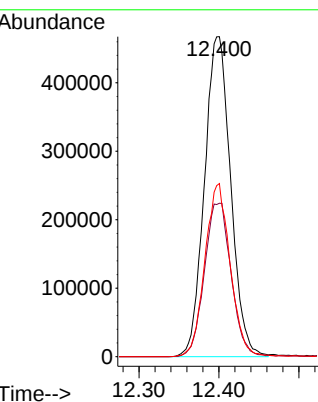
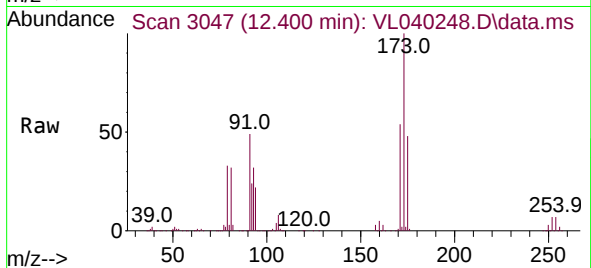
171 52.2 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#50

4-Methyl-2-Pentanone

Concen: 10.628 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.026 min

Lab File: VL040248.D

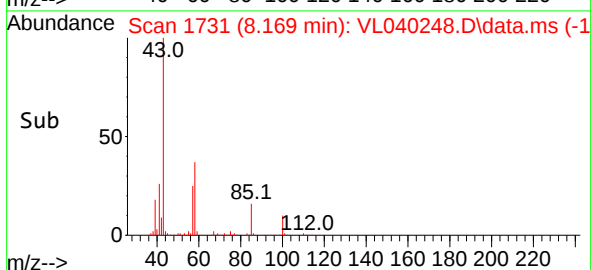
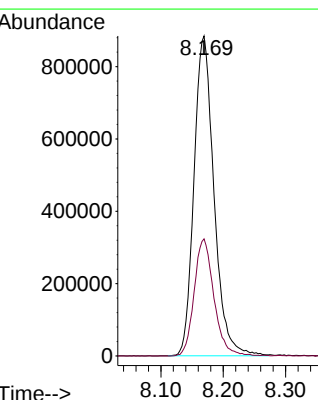
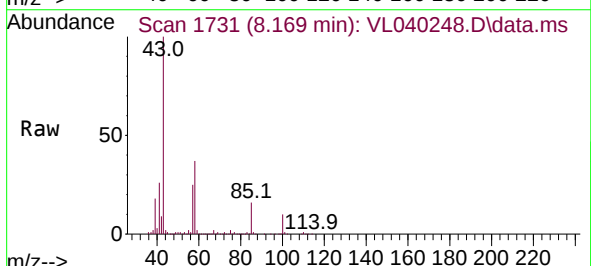
Acq: 8 Mar 2023 10:49

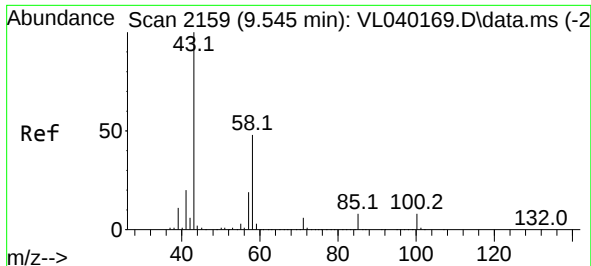
Tgt Ion: 43 Resp: 1973351

Ion Ratio Lower Upper

43 100

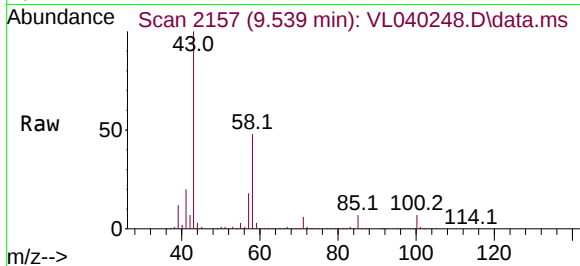
58 36.3 29.2 43.8





#51
2-Hexanone
Concen: 10.685 ppbv
RT: 9.539 min Scan# 2159
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

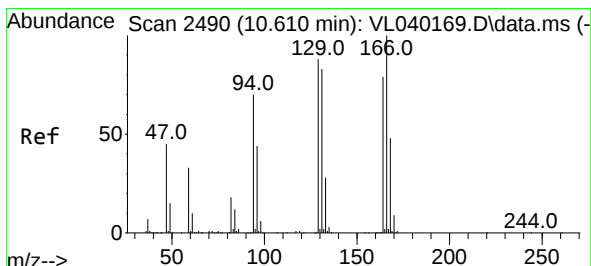
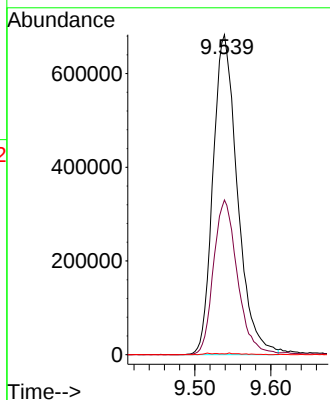
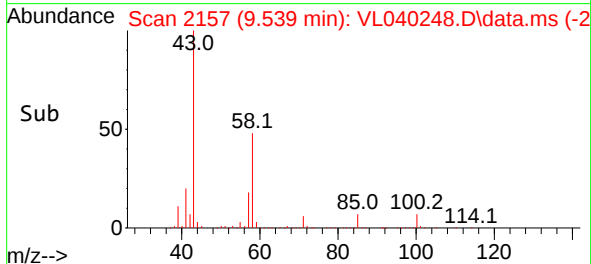
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion: 43 Resp: 152576
Ion Ratio Lower Upper
43 100
58 47.7 39.1 58.7
98 0.3 0.2 0.4

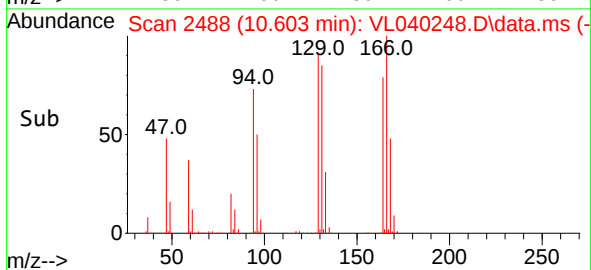
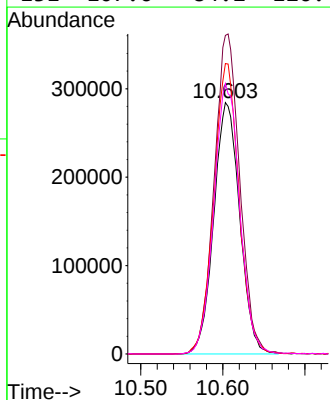
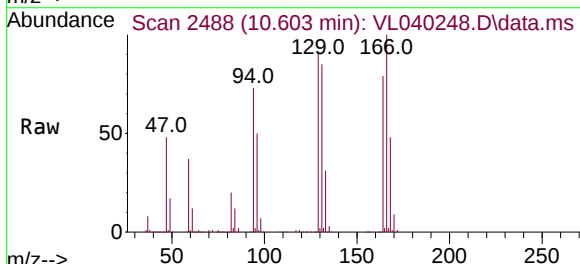
Manual Integrations
APPROVED

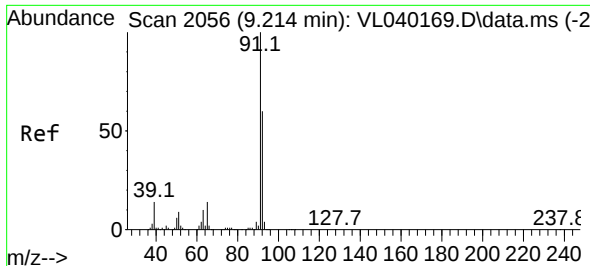
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
Tetrachloroethene
Concen: 10.588 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

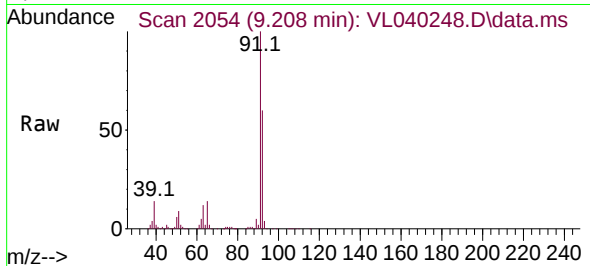
Tgt Ion:164 Resp: 623735
Ion Ratio Lower Upper
164 100
166 126.6 101.5 152.3
129 115.5 89.0 133.4
131 107.6 84.2 126.4





#53
Toluene
Concen: 10.523 ppbv
RT: 9.208 min Scan# 2056
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

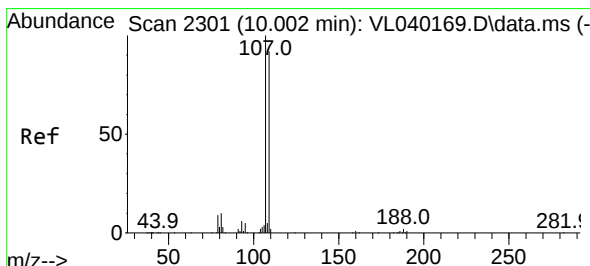
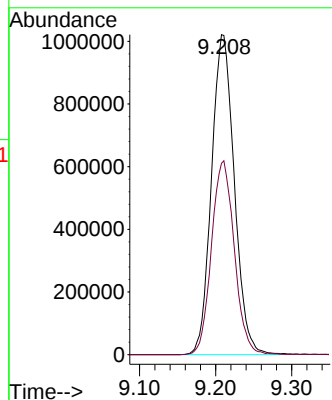
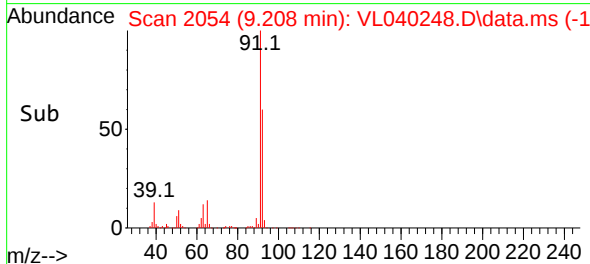
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



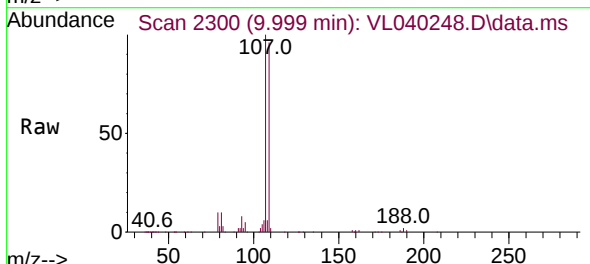
Tgt Ion: 91 Resp: 212628
Ion Ratio Lower Upper
91 100
92 60.8 48.9 73.3

Manual Integrations
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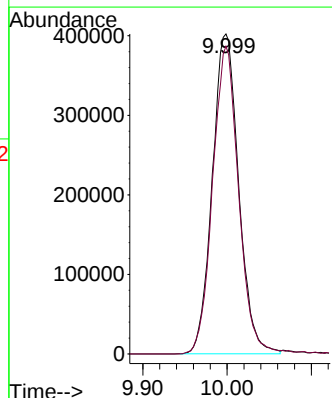
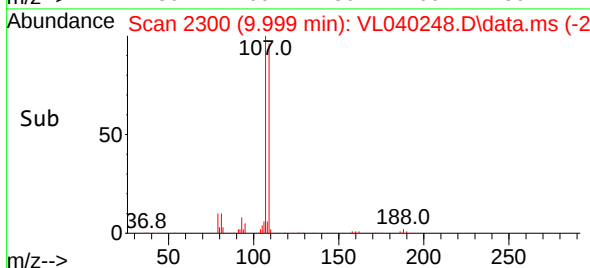
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

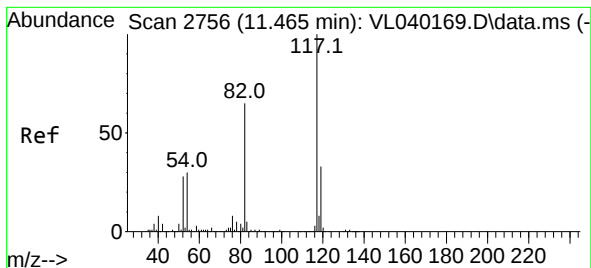


#54
1,2-Dibromoethane
Concen: 10.564 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



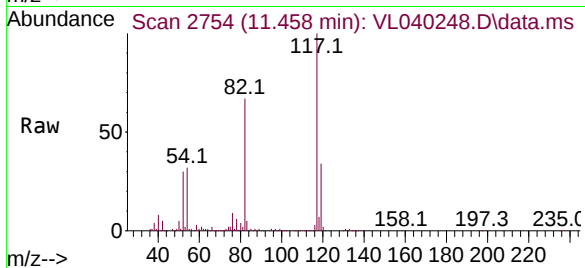
Tgt Ion:107 Resp: 872465
Ion Ratio Lower Upper
107 100
109 96.1 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2756
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

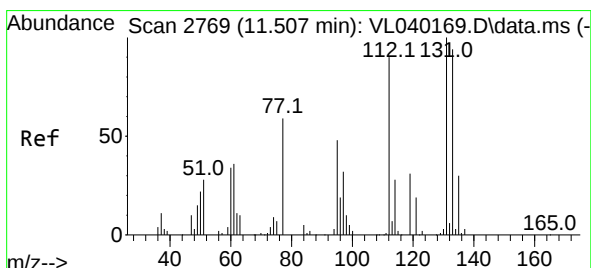
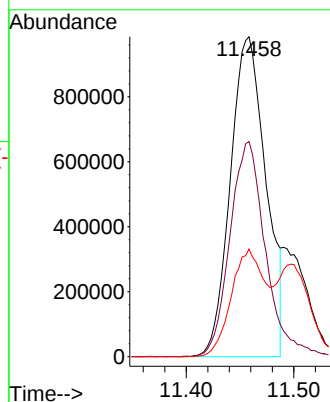
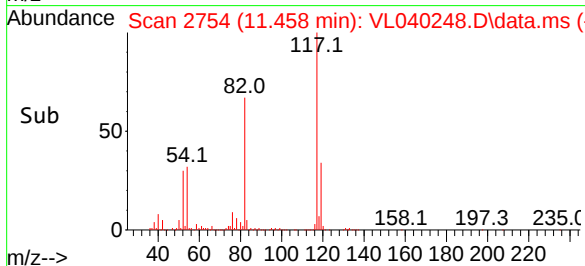
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion:117 Resp: 226443
Ion Ratio Lower Upper
117 100
82 67.7 53.3 79.9
119 29.4 24.6 37.0

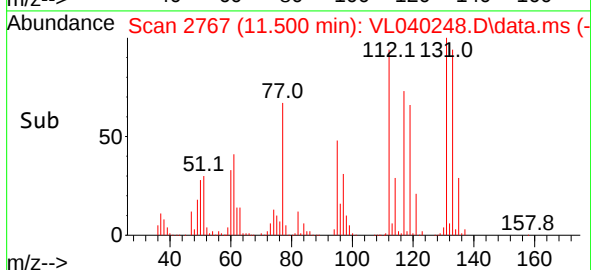
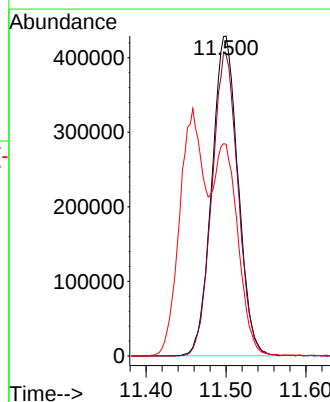
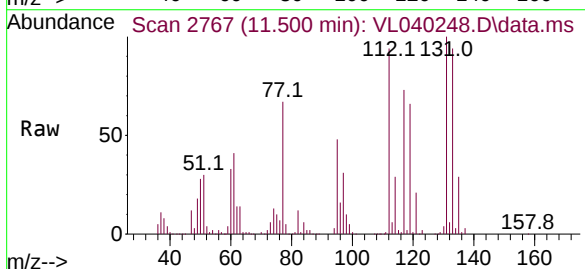
Manual Integrations
APPROVED

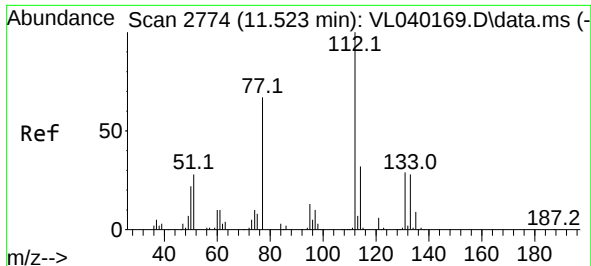
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.273 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

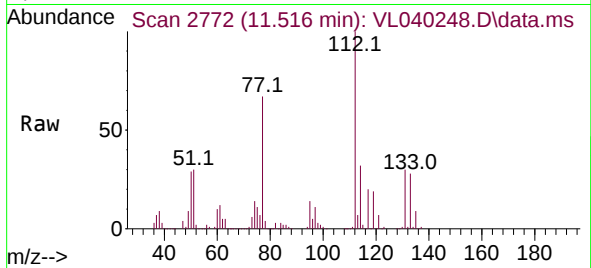
Tgt Ion:131 Resp: 976515
Ion Ratio Lower Upper
131 100
133 94.6 76.2 114.2
119 68.0 45.4 68.0





#57
Chlorobenzene
Concen: 9.877 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

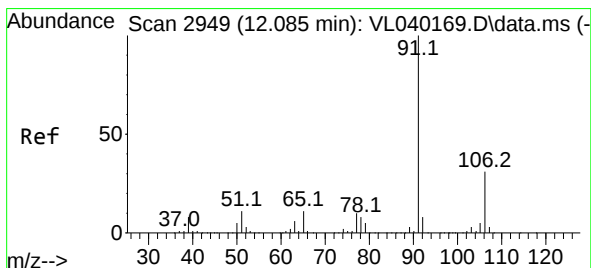
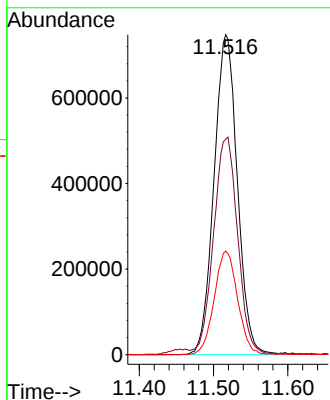
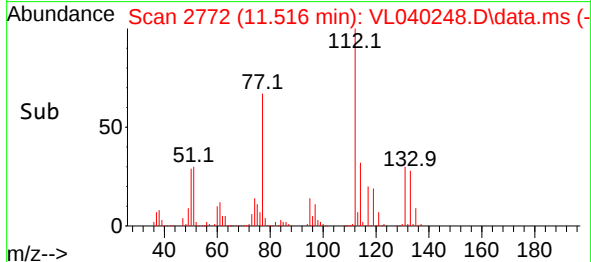
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion:112 Resp: 1633980
Ion Ratio Lower Upper
112 100
77 67.0 55.0 82.4
114 32.4 29.0 35.4

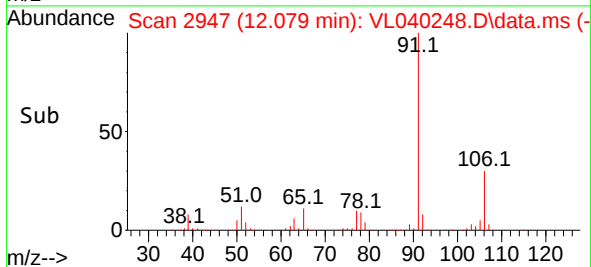
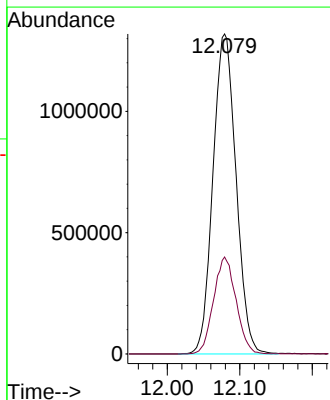
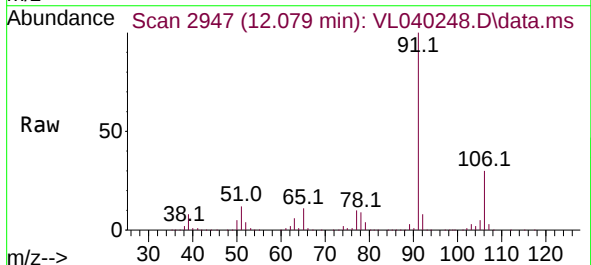
Manual Integrations
APPROVED

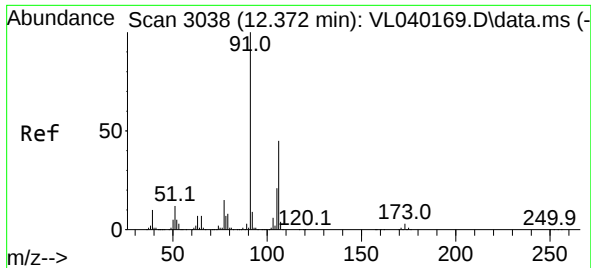
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#58
Ethyl Benzene
Concen: 10.607 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion: 91 Resp: 2918388
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3





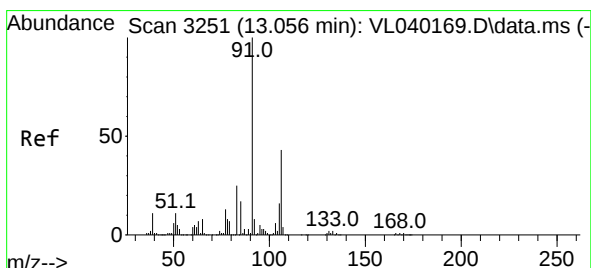
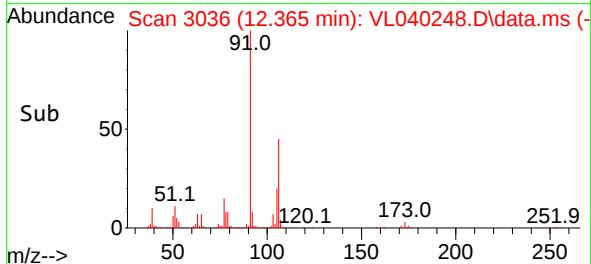
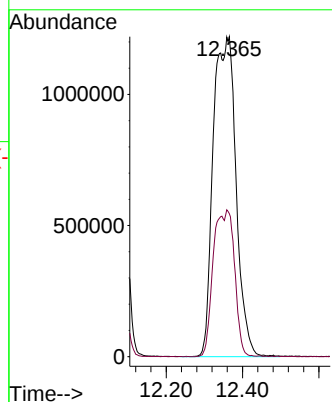
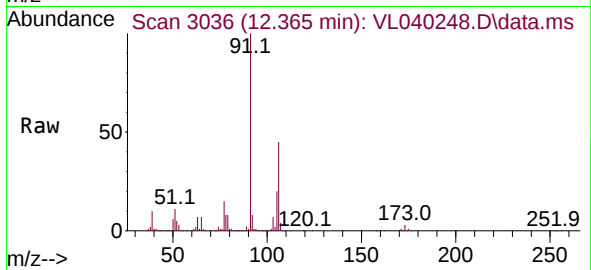
#59
m/p-Xylene
Concen: 20.789 ppbv m
RT: 12.365 min Scan# 3038
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

Tgt Ion: 91 Resp: 506590
Ion Ratio Lower Upper
91 100
106 42.8 34.6 51.8

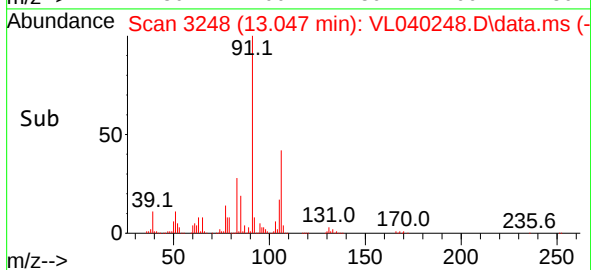
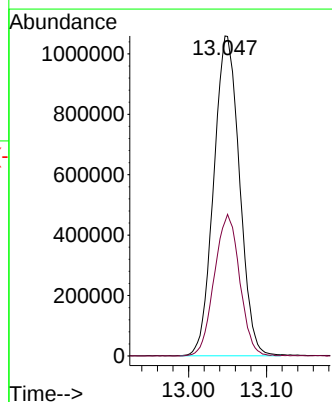
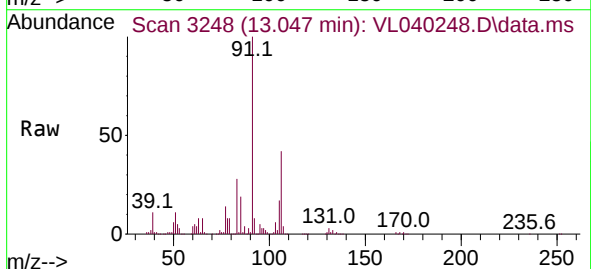
Manual Integrations
APPROVED

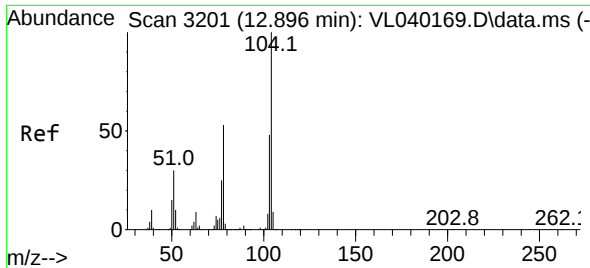
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#60
o-Xylene
Concen: 10.370 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

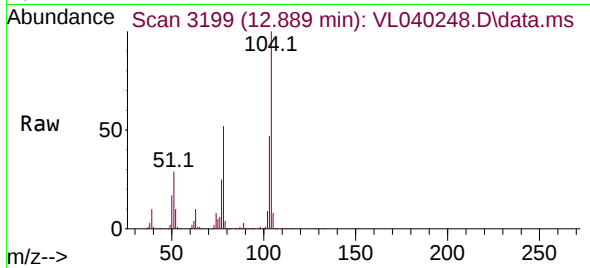
Tgt Ion: 91 Resp: 2431463
Ion Ratio Lower Upper
91 100
106 43.6 21.6 65.0





#61
Styrene
Concen: 10.979 ppbv
RT: 12.889 min Scan# 3199
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

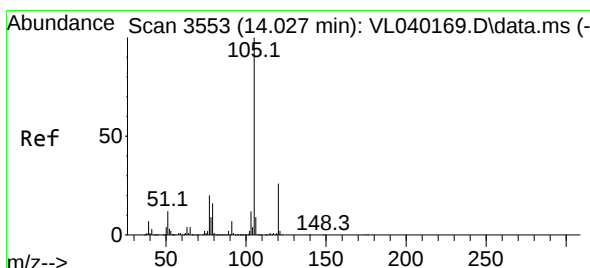
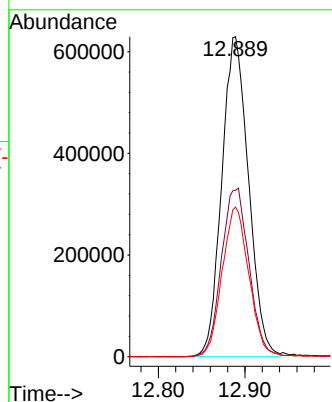
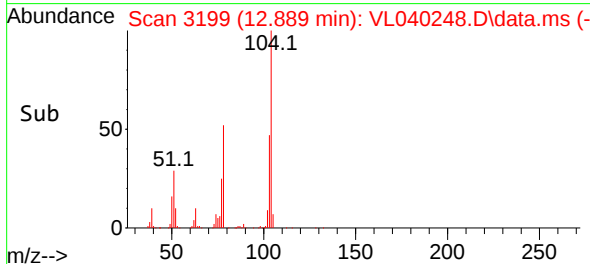
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



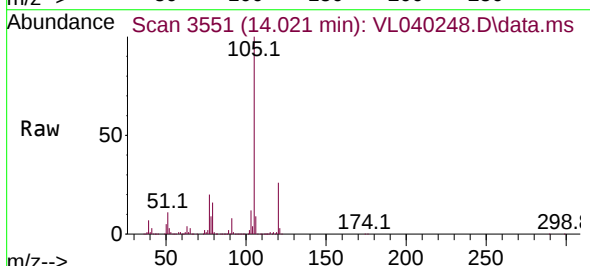
Tgt Ion:104 Resp: 1351599
Ion Ratio Lower Upper
104 100
78 54.6 42.3 63.5
103 46.9 37.5 56.3

Manual Integrations
APPROVED

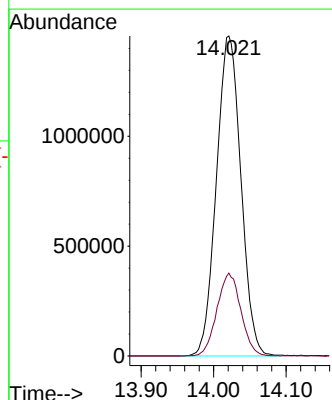
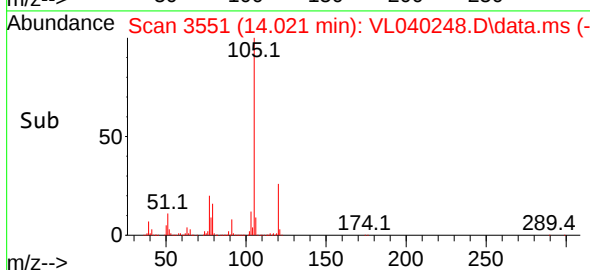
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

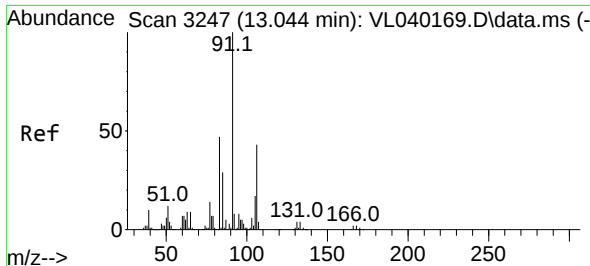


#62
Isopropylbenzene
Concen: 10.166 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



Tgt Ion:105 Resp: 3421323
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5





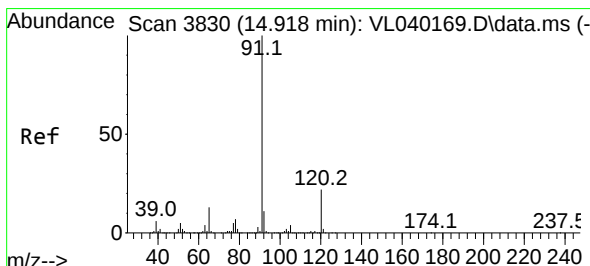
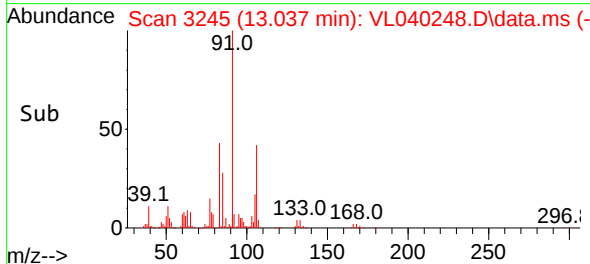
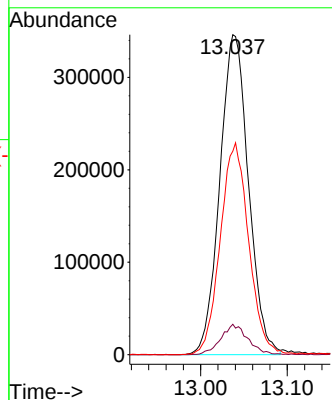
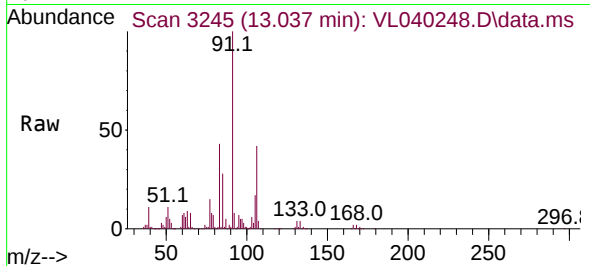
#63
1,1,2,2-Tetrachloroethane
Concen: 9.424 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01

Tgt Ion: 83 Resp: 79629
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 65.8 33.0 99.0

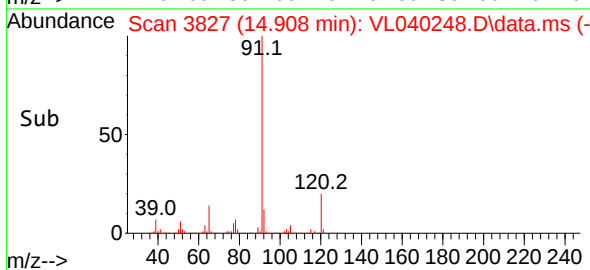
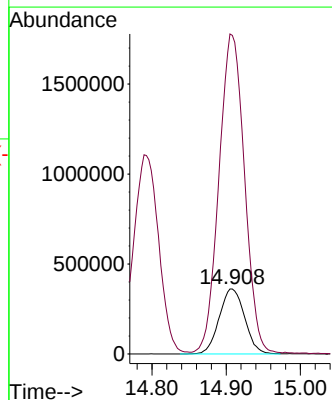
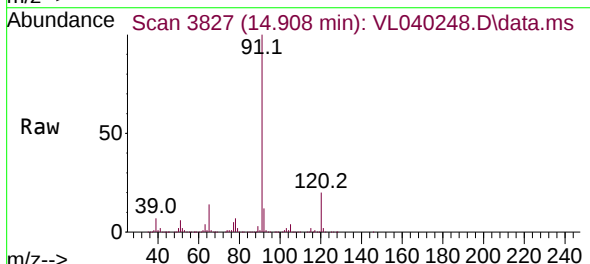
Manual Integrations
APPROVED

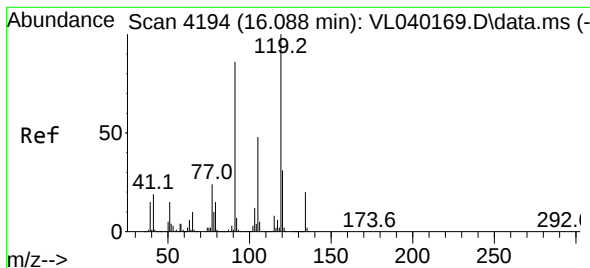
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
n-propylbenzene
Concen: 10.320 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

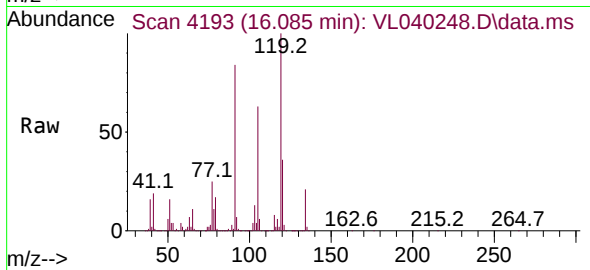
Tgt Ion:120 Resp: 859701
Ion Ratio Lower Upper
120 100
91 498.0 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.131 ppbv
RT: 16.085 min Scan# 4194
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

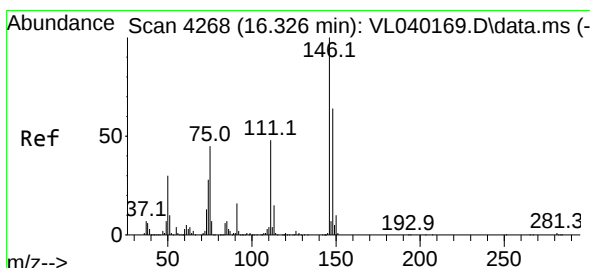
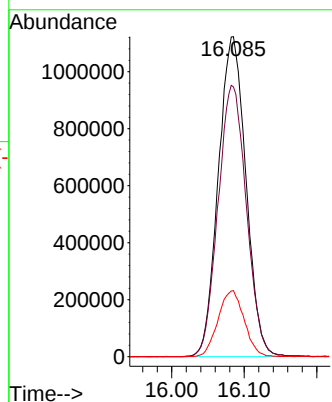
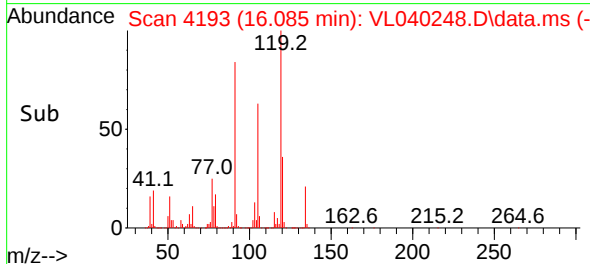
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



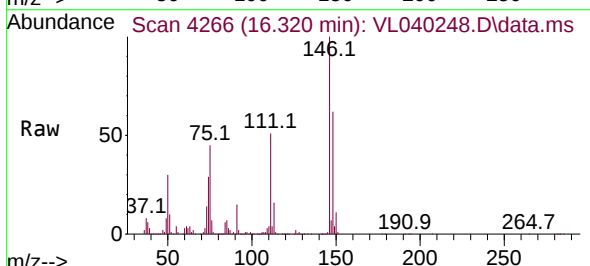
Tgt Ion:119 Resp: 296402
Ion Ratio Lower Upper
119 100
91 87.2 68.6 102.8
134 19.6 15.9 23.9

Manual Integrations
APPROVED

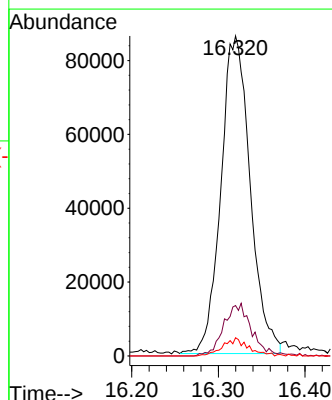
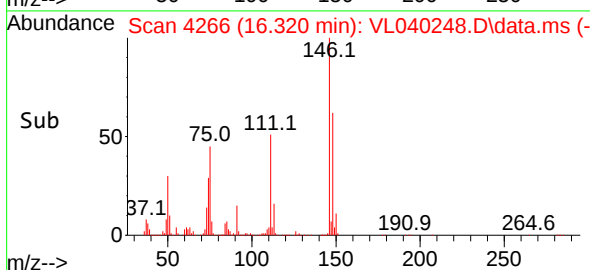
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

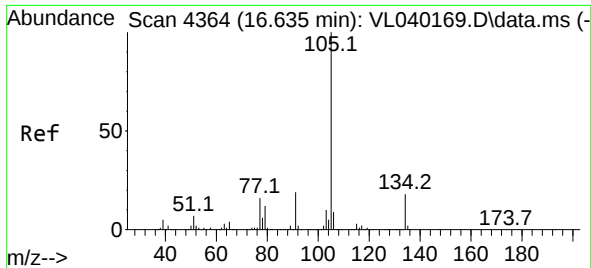


#66
Benzyl Chloride
Concen: 10.371 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



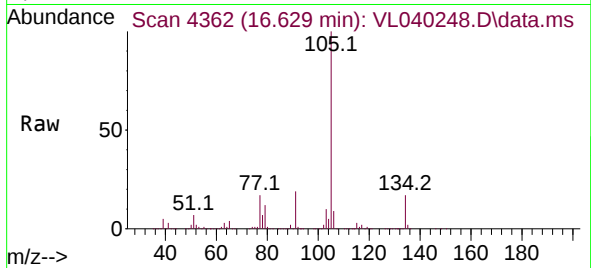
Tgt Ion: 91 Resp: 201903
Ion Ratio Lower Upper
91 100
126 16.0 13.1 19.7
128 5.1 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.029 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

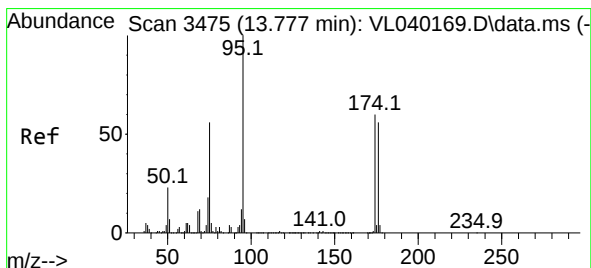
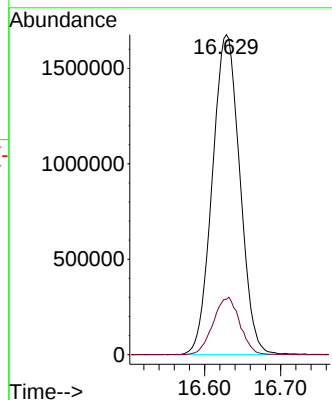
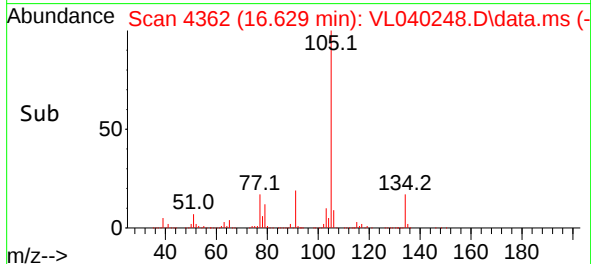
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01



Tgt Ion:105 Resp: 420795
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.1 21.1

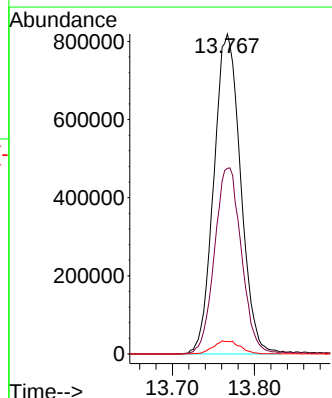
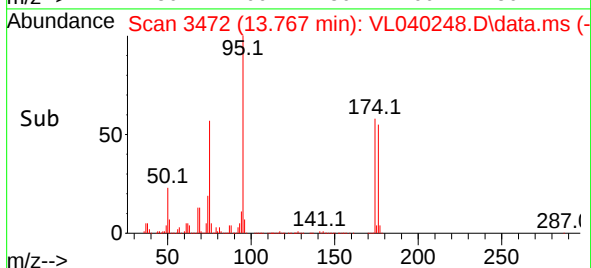
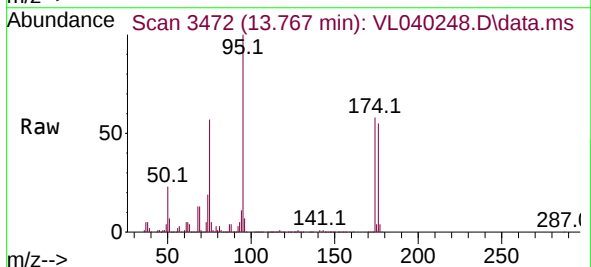
Manual Integrations
 APPROVED

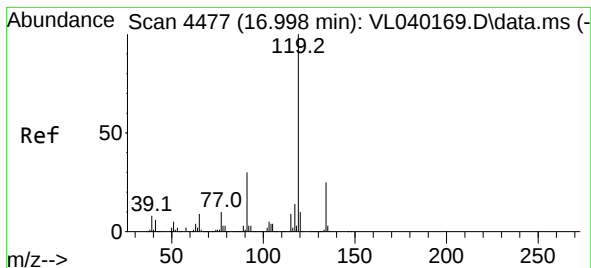
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.985 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.029 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

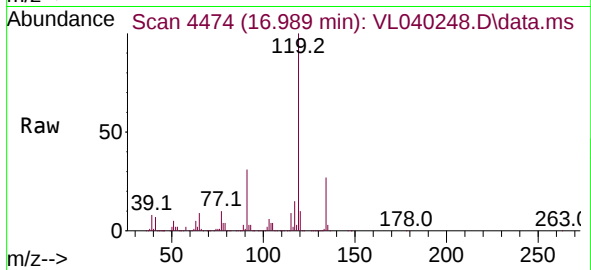
Tgt Ion: 95 Resp: 1859248
 Ion Ratio Lower Upper
 95 100
 174 58.7 48.2 72.2
 175 4.1 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.092 ppbv
RT: 16.989 min Scan# 4477
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

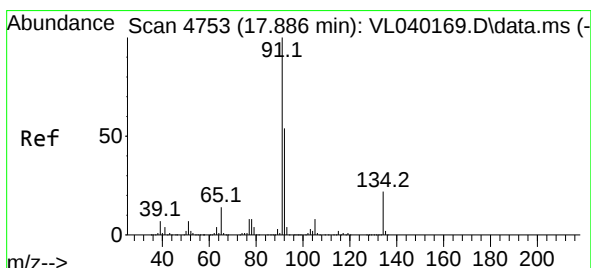
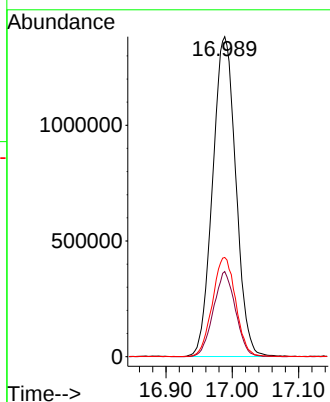
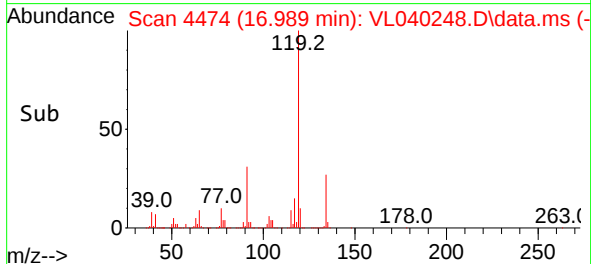
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



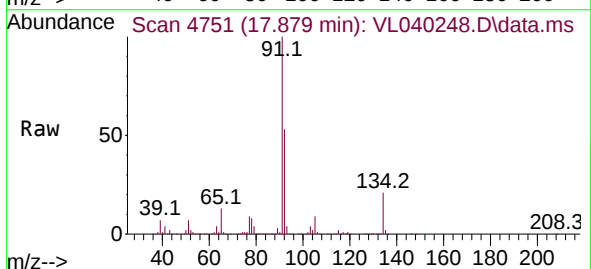
Tgt Ion:119 Resp: 335697
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.1 24.7 37.1

Manual Integrations
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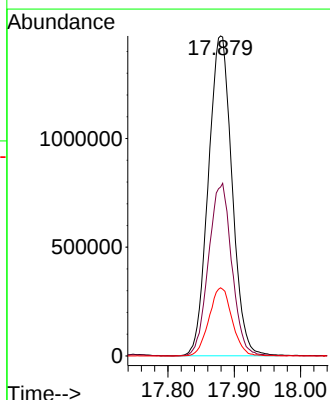
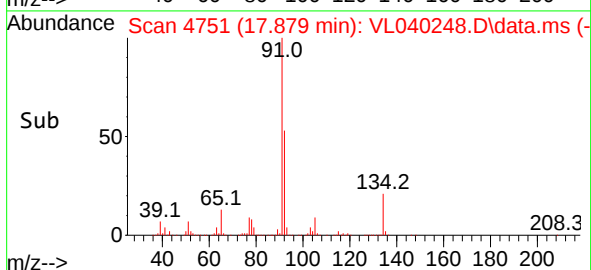
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

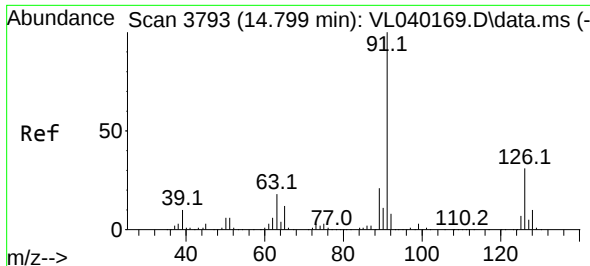


#70
n-Butylbenzene
Concen: 10.117 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



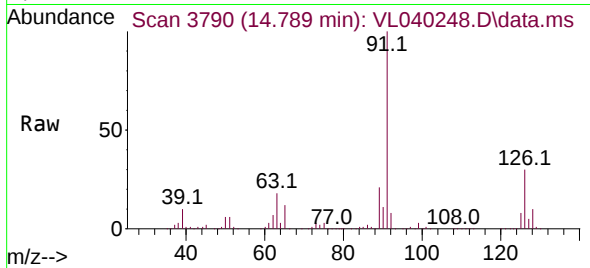
Tgt Ion: 91 Resp: 3652563
Ion Ratio Lower Upper
91 100
92 53.1 43.0 64.6
134 20.8 16.9 25.3





#71
2-Chlorotoluene
Concen: 10.121 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

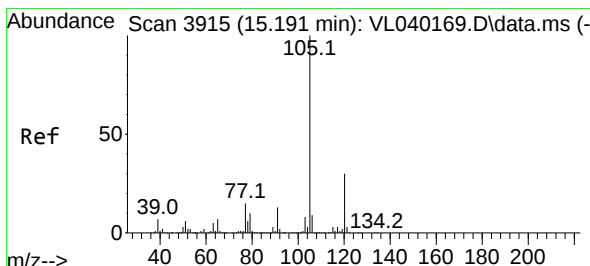
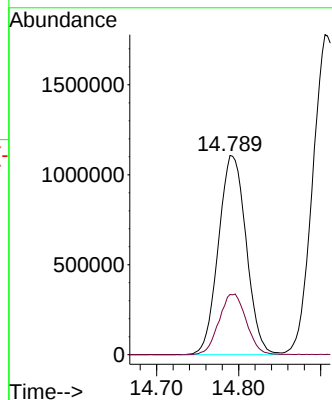
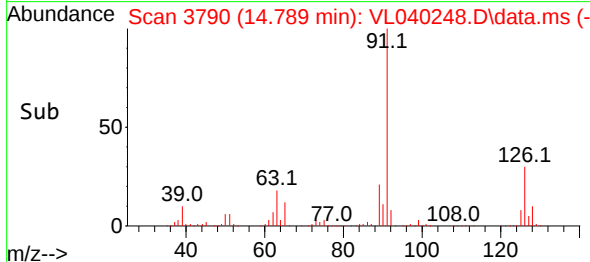
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



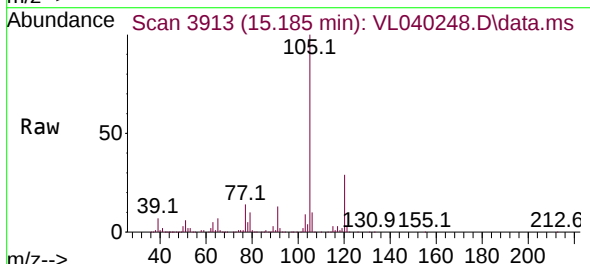
Tgt Ion: 91 Resp: 2605170
Ion Ratio Lower Upper
91 100
126 30.0 12.0 48.2

Manual Integrations
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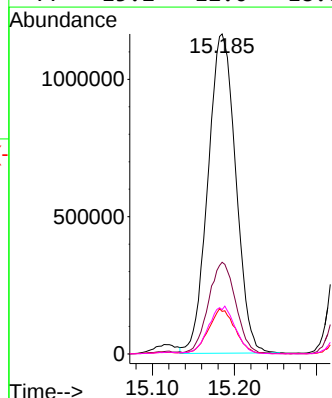
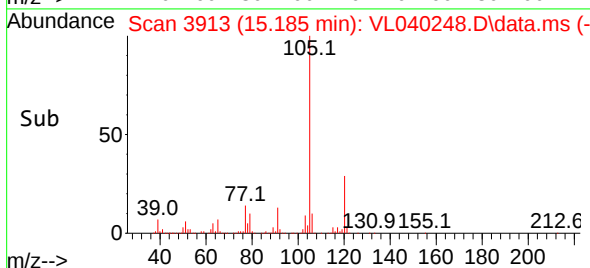
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

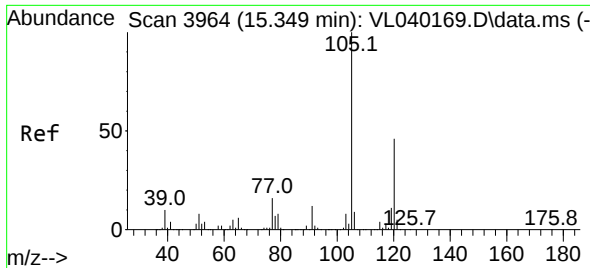


#72
4-Ethyltoluene
Concen: 10.538 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



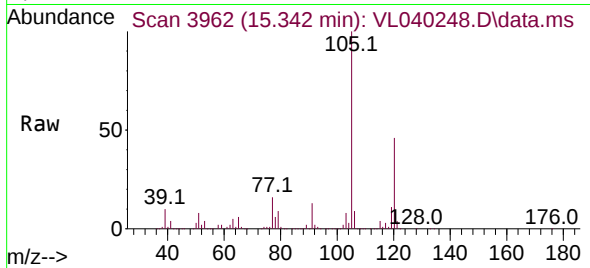
Tgt Ion:105 Resp: 2731541
Ion Ratio Lower Upper
105 100
120 29.2 23.2 34.8
91 14.0 11.3 16.9
77 15.2 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 10.062 ppbv
RT: 15.342 min Scan# 3964
Delta R.T. -0.035 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

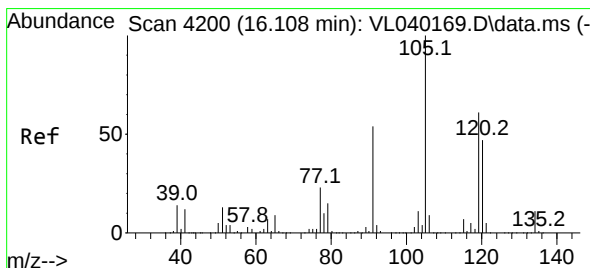
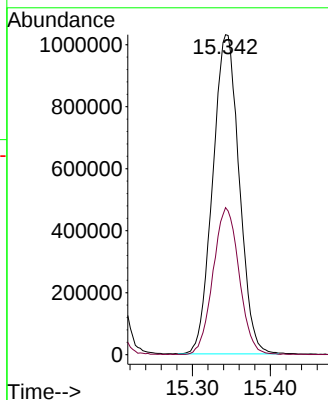
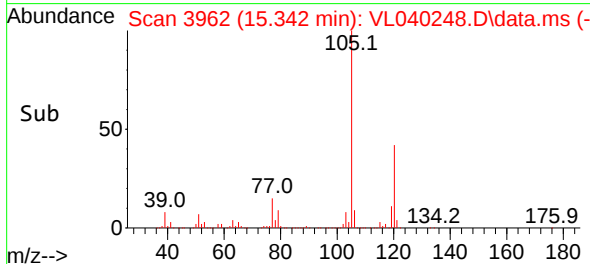
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



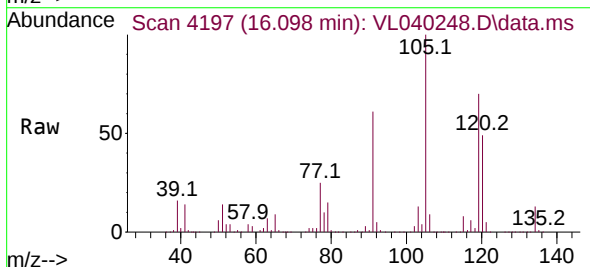
Tgt Ion:105 Resp: 242684
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2

Manual Integrations
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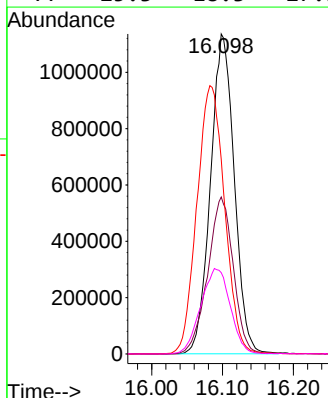
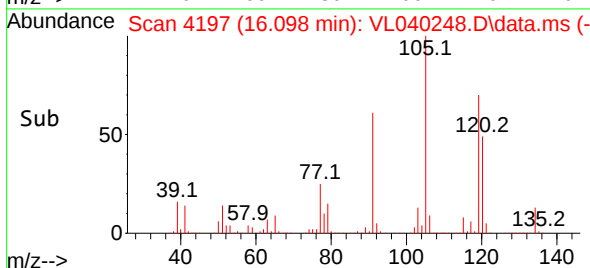
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

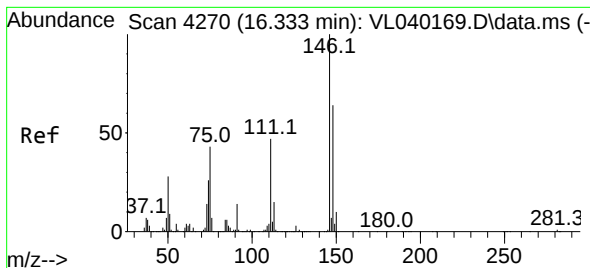


#74
1,2,4-Trimethylbenzene
Concen: 9.970 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



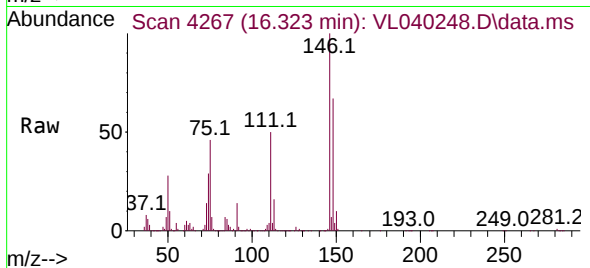
Tgt Ion:105 Resp: 2641269
Ion Ratio Lower Upper
105 100
120 49.0 37.9 56.9
91 60.6 43.7 65.5
77 25.3 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.790 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

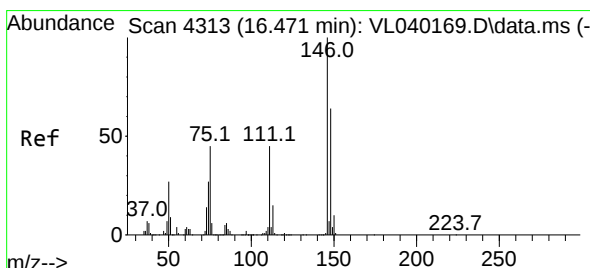
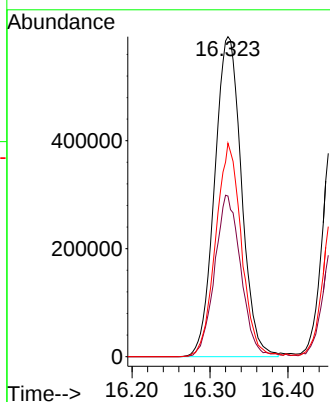
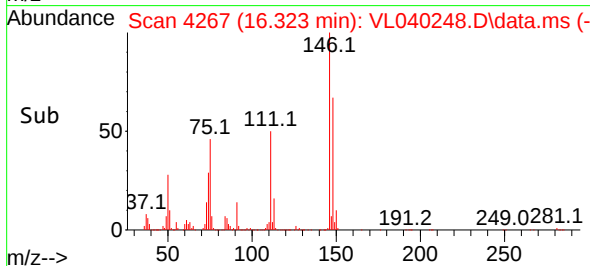
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



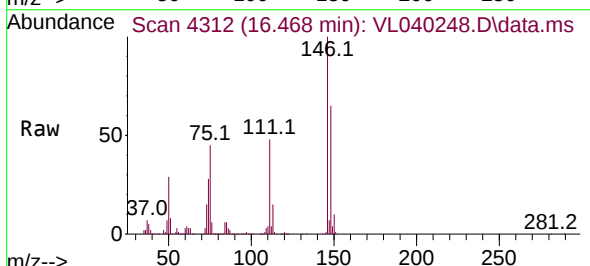
Tgt Ion:146 Resp: 1419359
Ion Ratio Lower Upper
146 100
111 49.4 23.9 71.8
148 63.9 32.1 96.5

Manual Integrations
APPROVED

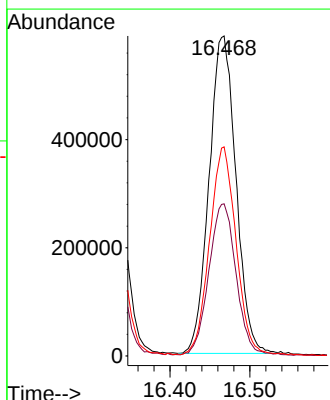
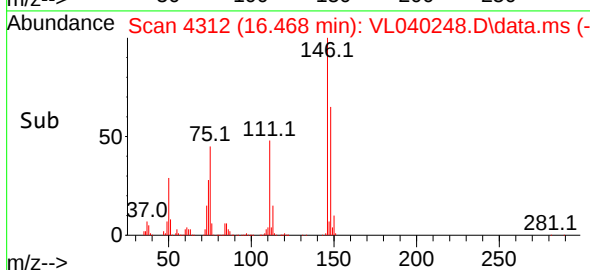
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,4-Dichlorobenzene
Concen: 9.636 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49



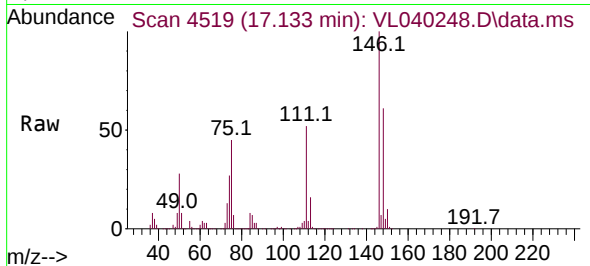
Tgt Ion:146 Resp: 1369063
Ion Ratio Lower Upper
146 100
111 49.4 23.5 70.5
148 65.4 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 9.516 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.032 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

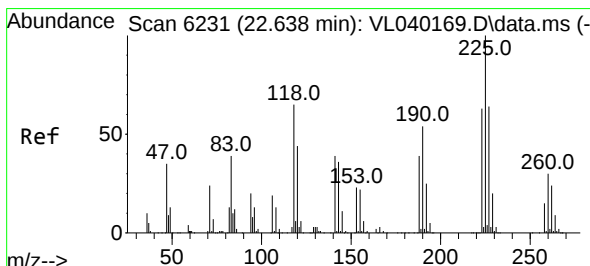
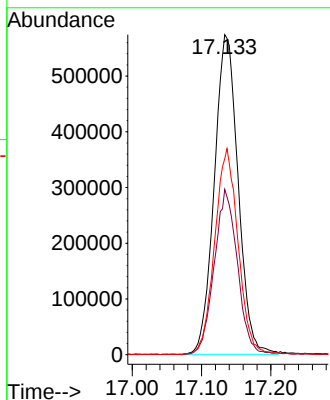
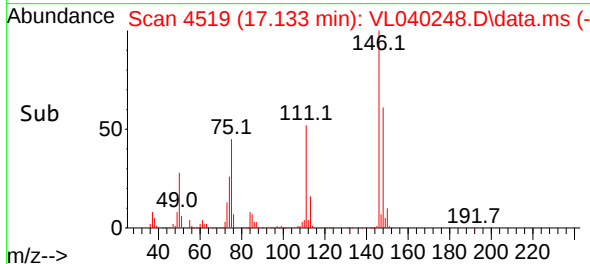
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABS01



Tgt Ion:146 Resp: 1370440
Ion Ratio Lower Upper
146 100
111 50.5 25.3 75.8
148 63.4 32.0 96.2

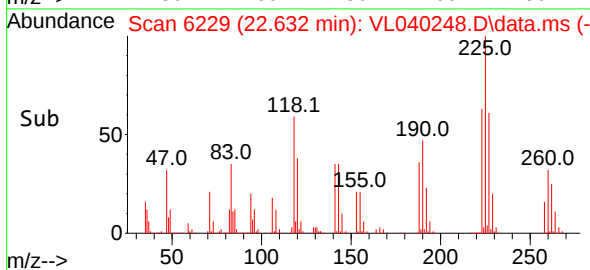
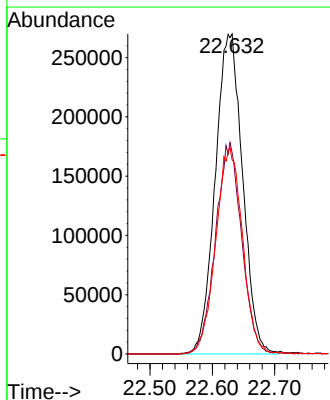
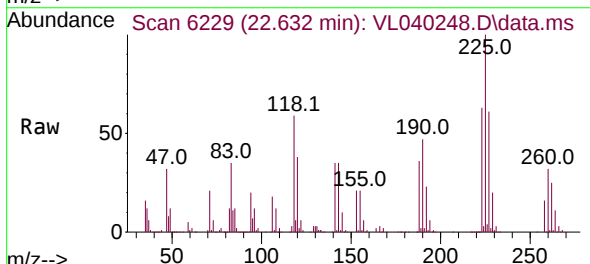
Manual Integrations
APPROVED

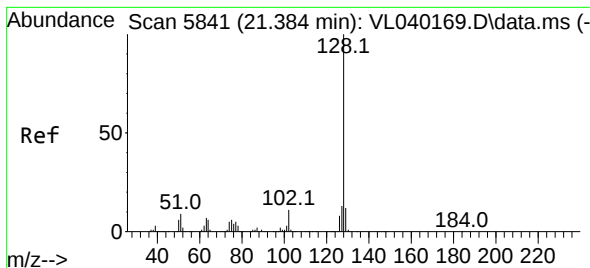
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.331 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.029 min
Lab File: VL040248.D
Acq: 8 Mar 2023 10:49

Tgt Ion:225 Resp: 824275
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 63.3 51.2 76.8





#79

Naphthalene

Concen: 12.301 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.032 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABS01

Tgt Ion:128 Resp: 183080

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

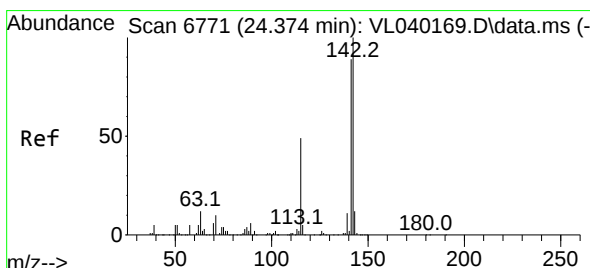
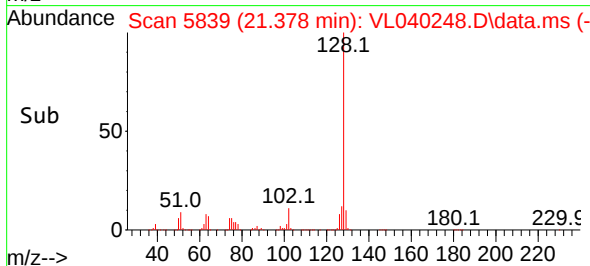
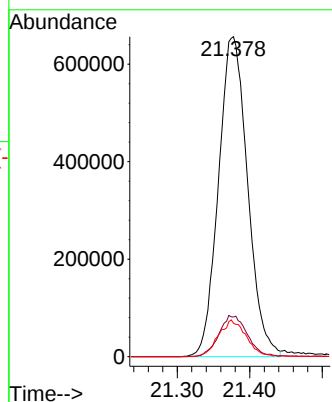
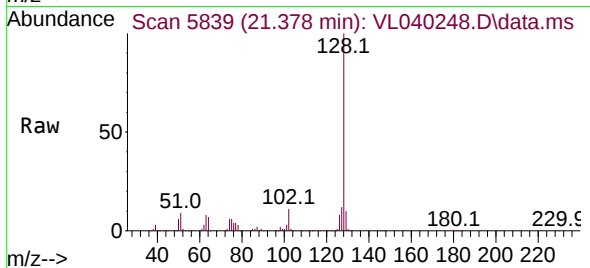
129 10.4 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#80

Naphthalene,2-methyl-

Concen: 8.826 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. -0.022 min

Lab File: VL040248.D

Acq: 8 Mar 2023 10:49

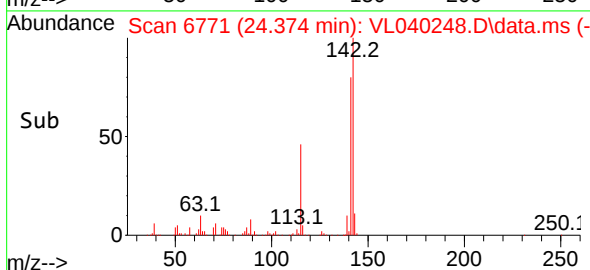
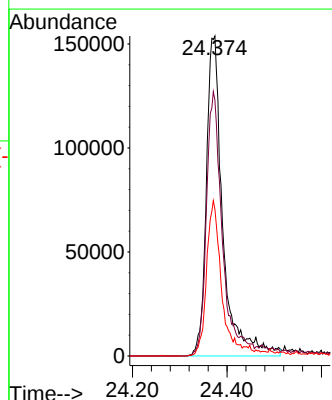
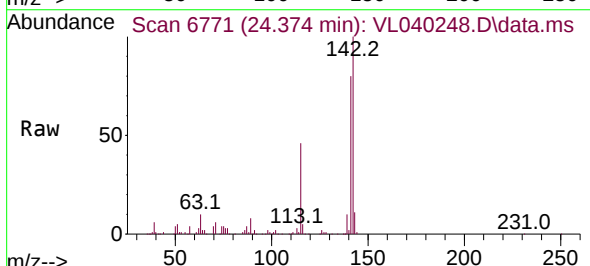
Tgt Ion:142 Resp: 373564

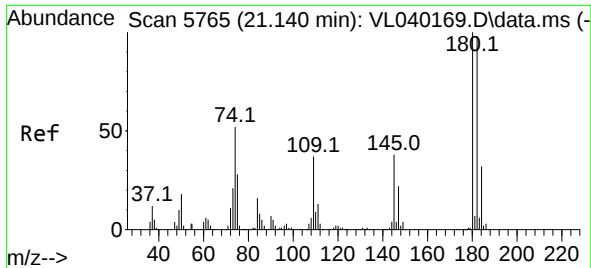
Ion Ratio Lower Upper

142 100

141 82.6 67.3 100.9

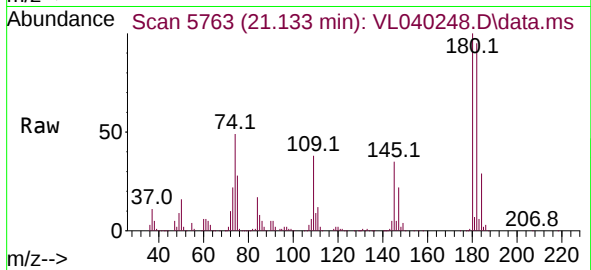
115 47.7 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.703 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. -0.035 min
 Lab File: VL040248.D
 Acq: 8 Mar 2023 10:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01



Tgt Ion:180 Resp: 996822
 Ion Ratio Lower Upper
 180 100
 182 97.0 79.0 118.6
 184 29.8 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

