

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041307.D
 Acq On : 4 Jun 2024 16:01
 Operator : SY/MD
 Sample : VL0604ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 05:27:28 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	965801	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2561967	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2516085	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1934373 9.957 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1606047	10.413	ppbv	100
3) Chlorodifluoromethane	2.700	51	1416549	9.281	ppbv	99
4) Chloromethane	2.838	50	531485	9.252	ppbv	97
5) Vinyl Chloride	2.944	62	550673	9.516	ppbv	96
6) Bromomethane	3.140	94	169114	8.219	ppbv	86
7) Chloroethane	3.218	64	187256	9.398	ppbv	94
8) Dichlorotetrafluoroethane	2.880	85	1331092	9.385	ppbv	97
9) Propene	2.719	41	505077	9.291	ppbv	99
10) Heptane	7.584	43	1224922	9.506	ppbv	99
11) Trichlorofluoromethane	3.581	101	1365711	9.633	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.079	101	917129	9.158	ppbv	97
13) Ethanol	3.259	45	99081m	7.005	ppbv	
14) Bromoethene	3.388	108	396565	9.784	ppbv	99
15) Acetone	3.488	43	990572	8.983	ppbv	100
16) 1,3-Butadiene	3.009	39	537634	9.699	ppbv	99
17) tert-Butyl alcohol	3.893	59	937017	9.230	ppbv	100
18) 1,1-Dichloroethene	3.896	96	420886	9.852	ppbv	95
19) Isopropyl Alcohol	3.594	45	628698	9.075	ppbv #	99
20) Methylene Chloride	3.947	84	340922	8.506	ppbv	97
21) Allyl Chloride	4.012	41	660291	9.452	ppbv	100
22) trans-1,2-Dichloroethene	4.459	96	435977	9.793	ppbv	93
23) Vinyl Acetate	4.639	43	1219255	10.811	ppbv	99
24) 1,1-Dichloroethane	4.578	63	933945	9.414	ppbv	100
25) Ethyl Acetate	5.214	43	2061034	9.448	ppbv	100
26) Hexane	5.224	57	907546	9.251	ppbv	98
27) Carbon Disulfide	4.140	76	1126506	10.367	ppbv	99
28) Methyl tert-Butyl Ether	4.600	73	665483	9.153	ppbv	99
29) Chloroform	5.285	83	1433373	9.523	ppbv	99
30) Cyclohexane	6.610	84	771861	9.707	ppbv	97
31) cis-1,2-Dichloroethene	5.092	61	922931	9.956	ppbv	99
32) 1,1,1-Trichloroethane	6.012	97	1440898	10.107	ppbv	98
34) 2-Butanone	4.796	43	1238210	10.088	ppbv	100
35) Carbon Tetrachloride	6.504	117	1481096	10.172	ppbv	96
36) Benzene	6.378	78	1905633	9.597	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1126076	9.727	ppbv	99
38) Trichloroethene	7.295	130	750129	9.321	ppbv	99
39) 1,2-Dichloropropane	7.082	63	735429	9.301	ppbv	98
40) 1,4-Dioxane	7.295	88	215116	7.428	ppbv #	1
41) Tetrahydrofuran	5.568	42	784014	9.817	ppbv	99
42) Bromodichloromethane	7.253	83	1612568	9.698	ppbv	100
43) Methyl Methacrylate	7.481	69	772043	10.204	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3177090	9.303	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	484390	9.488	ppbv	98

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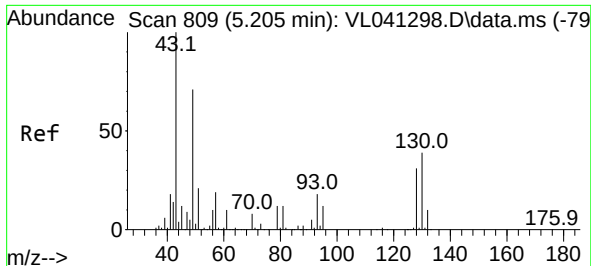
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

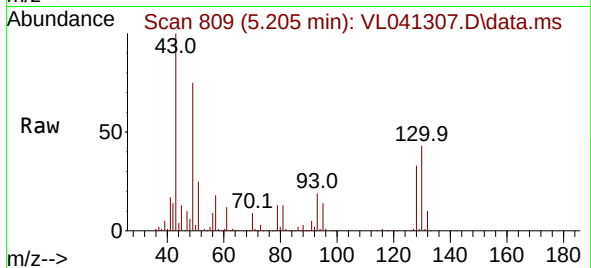
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	616567	9.382	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	792333	9.589	ppbv	98
48) Dibromochloromethane	9.712	129	1386073	10.178	ppbv	100
49) Bromoform	12.404	173	1153881	10.515	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	1989975	9.795	ppbv	100
51) 2-Hexanone	9.552	43	1459365	10.106	ppbv	100
52) Tetrachloroethene	10.616	164	683713	9.441	ppbv	95
53) Toluene	9.224	91	2250193	9.851	ppbv	99
54) 1,2-Dibromoethane	10.011	107	1044366	9.695	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	996134	9.360	ppbv	94
57) Chlorobenzene	11.526	112	1694942	9.069	ppbv	99
58) Ethyl Benzene	12.089	91	3035730	9.413	ppbv	99
59) m/p-Xylene	12.371	91	5152862m	18.648	ppbv	
60) o-Xylene	13.056	91	2446828	9.288	ppbv	99
61) Styrene	12.892	104	1311105	10.152	ppbv	100
62) Isopropylbenzene	14.027	105	3675651	9.226	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1751916	9.347	ppbv	99
64) n-propylbenzene	14.915	120	967409	9.421	ppbv	98
65) tert-Butylbenzene	16.085	119	3245412	9.163	ppbv	99
66) Benzyl Chloride	16.323	91	173836m	7.460	ppbv	
67) sec-Butylbenzene	16.632	105	4617503	9.228	ppbv	100
69) p-Isopropyltoluene	16.992	119	3873254	9.393	ppbv	100
70) n-Butylbenzene	17.883	91	4072153	9.519	ppbv	100
71) 2-Chlorotoluene	14.799	91	2837007	9.304	ppbv	100
72) 4-Ethyltoluene	15.191	105	2991820	9.749	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2594739	9.741	ppbv	98
74) 1,2,4-Trimethylbenzene	16.104	105	2839068	9.425	ppbv	93
75) 1,3-Dichlorobenzene	16.326	146	1712320	9.683	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1657286	9.379	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1666375	9.413	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1211353	8.350	ppbv	99
79) Naphthalene	21.378	128	2916888	11.159	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	851013	9.641	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1406257	9.648	ppbv #	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

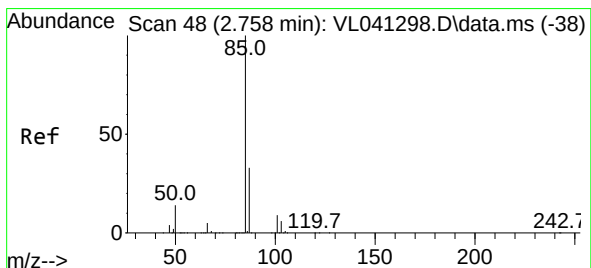
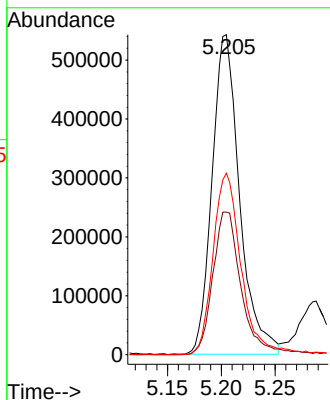
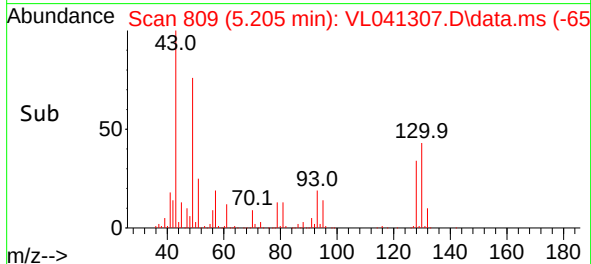
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



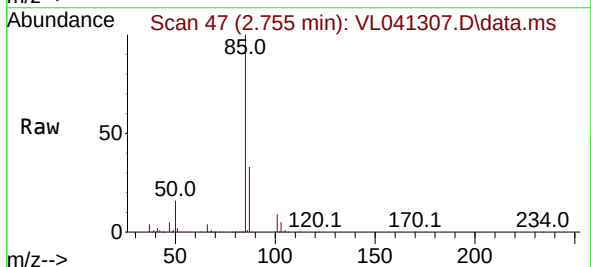
Tgt Ion: 49 Resp: 96580
Ion Ratio Lower Upper
49 100
128 46.7 22.8 68.3
130 59.1 28.4 85.3

Manual Integrations
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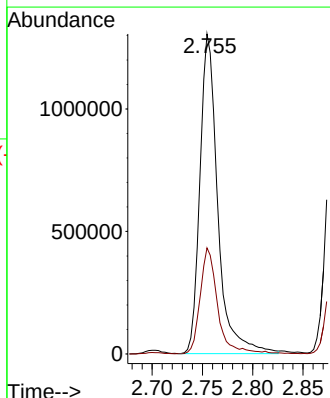
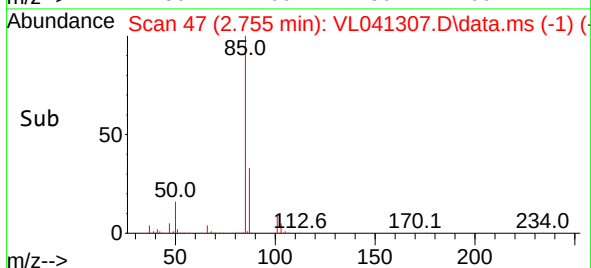
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

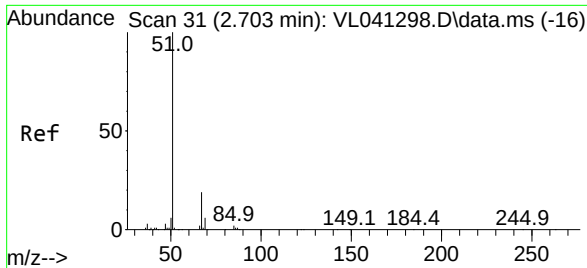


#2
Dichlorodifluoromethane
Concen: 10.413 ppbv
RT: 2.755 min Scan# 47
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion: 85 Resp: 1606047
Ion Ratio Lower Upper
85 100
87 33.1 26.5 39.7





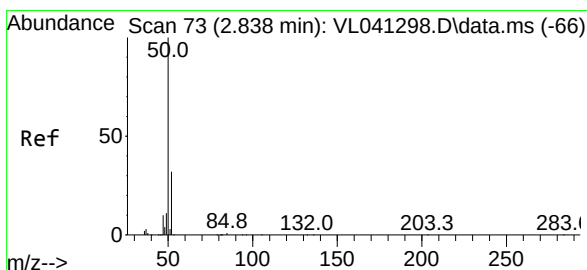
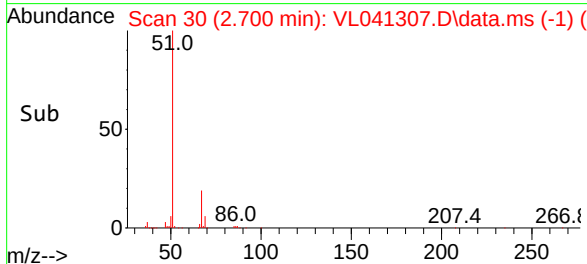
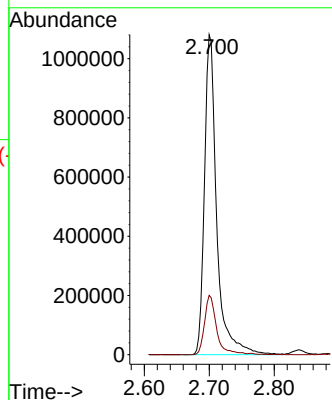
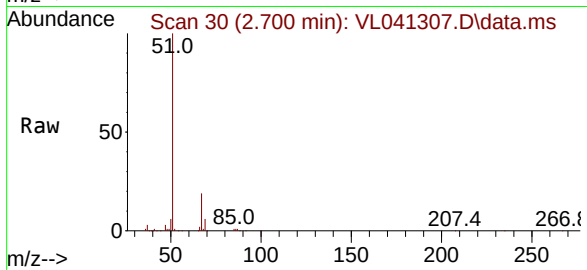
#3
Chlorodifluoromethane
Concen: 9.281 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 51 Resp: 1416549
Ion Ratio Lower Upper
51 100
67 18.6 14.7 22.1

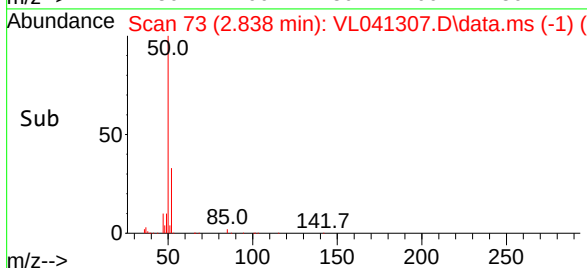
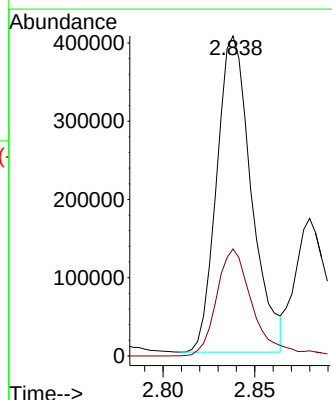
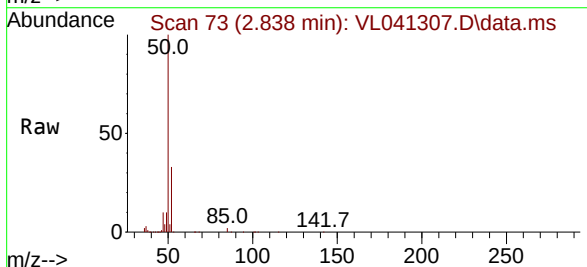
Manual Integrations
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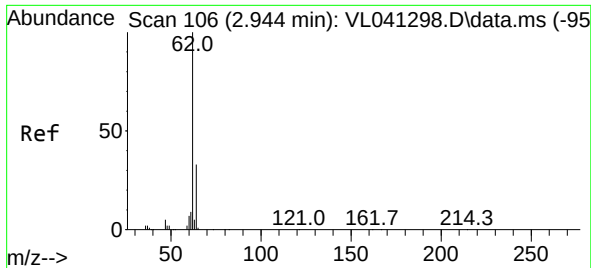
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#4
Chloromethane
Concen: 9.252 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 50 Resp: 531485
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4





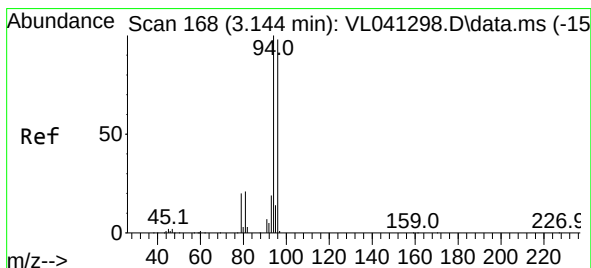
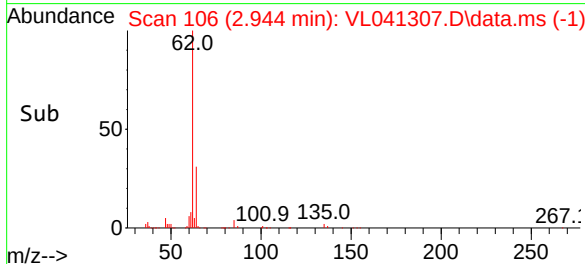
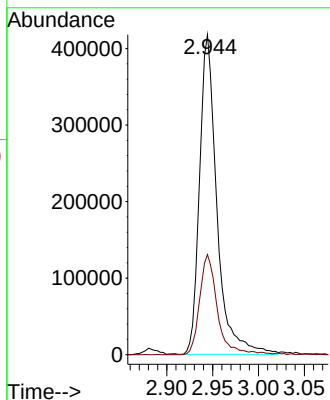
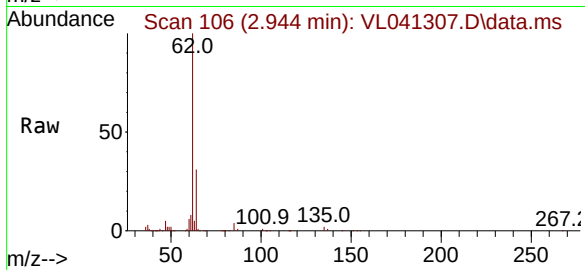
#5
 Vinyl Chloride
 Concen: 9.516 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. -0.000 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABS01

Tgt Ion: 62 Resp: 55067
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.6 40.0

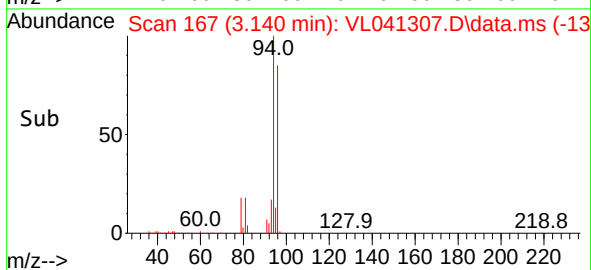
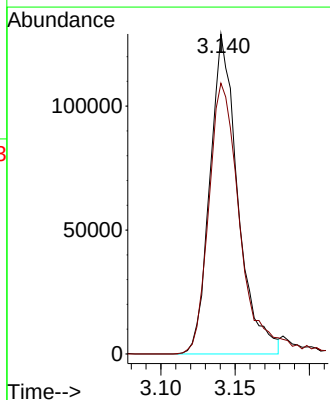
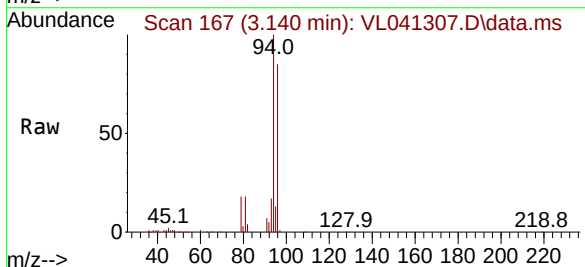
Manual Integrations
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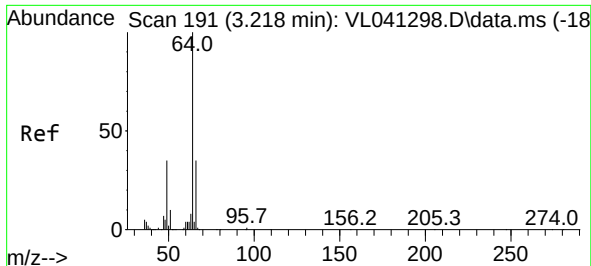
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#6
 Bromomethane
 Concen: 8.219 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. -0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

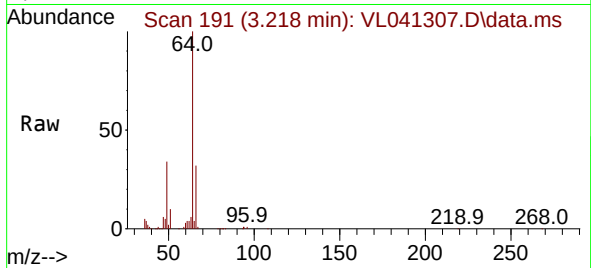
Tgt Ion: 94 Resp: 169114
 Ion Ratio Lower Upper
 94 100
 96 84.5 78.6 117.8





#7
Chloroethane
Concen: 9.398 ppbv
RT: 3.218 min Scan# 191
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

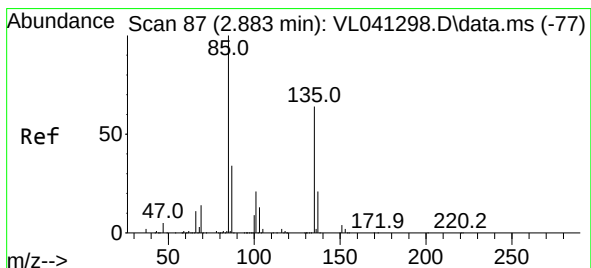
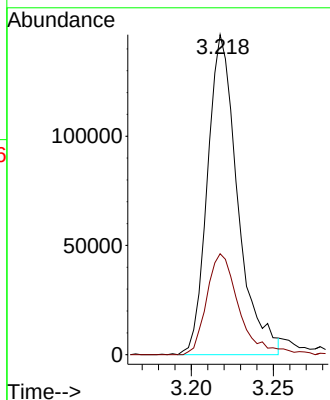
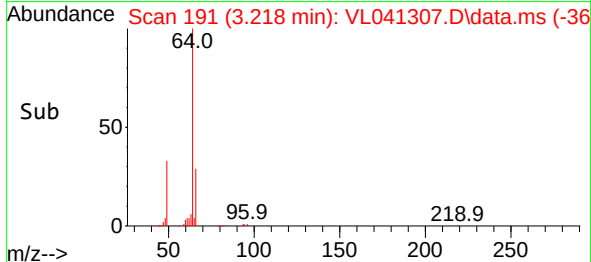
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



Tgt Ion: 64 Resp: 187250
Ion Ratio Lower Upper
64 100
66 31.6 28.1 42.1

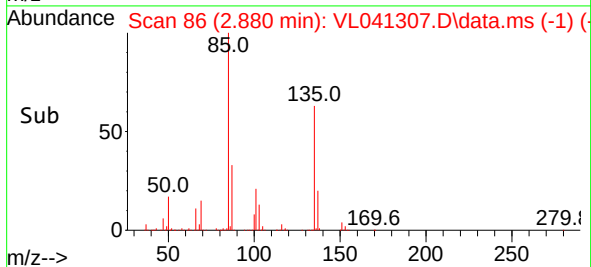
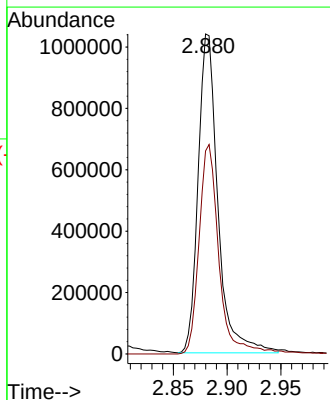
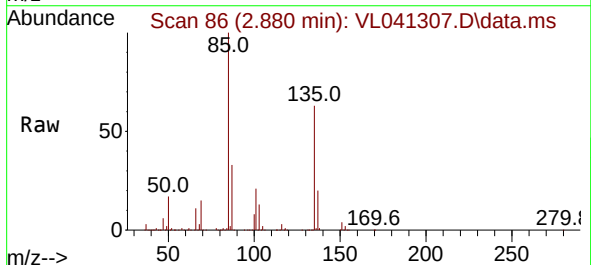
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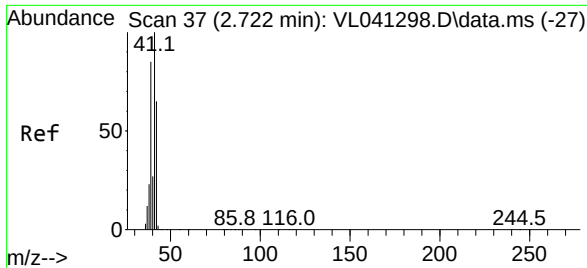
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#8
Dichlorotetrafluoroethane
Concen: 9.385 ppbv
RT: 2.880 min Scan# 86
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 85 Resp: 1331092
Ion Ratio Lower Upper
85 100
135 66.7 51.7 77.5





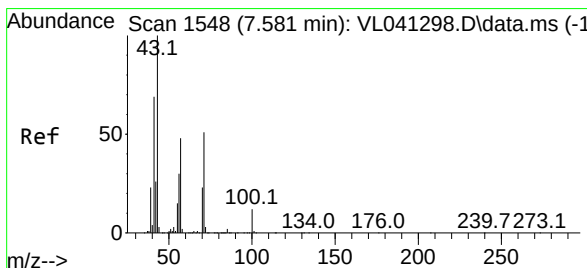
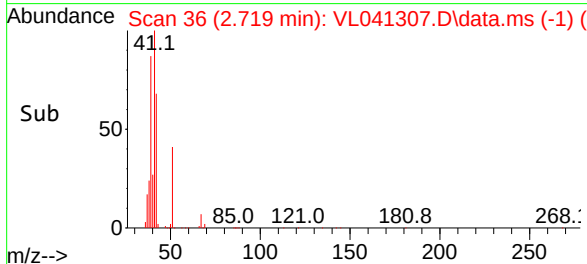
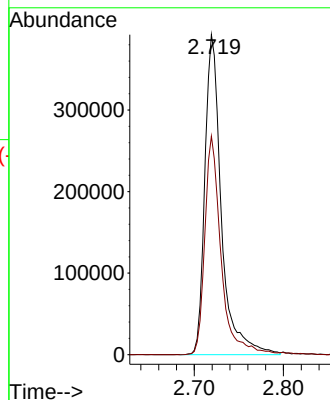
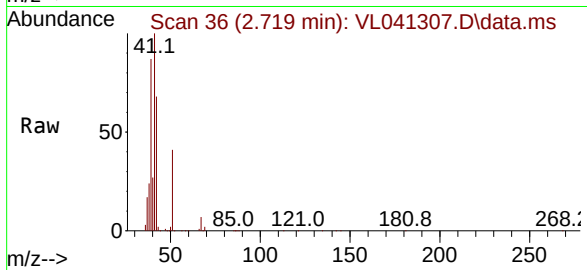
#9
 Propene
 Concen: 9.291 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABS01

Tgt Ion: 41 Resp: 50507
 Ion Ratio Lower Upper
 41 100
 42 67.9 55.2 82.8

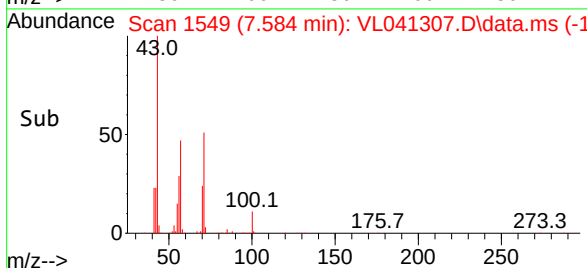
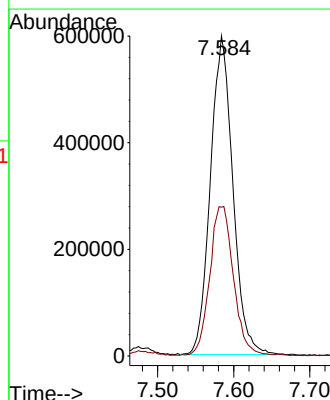
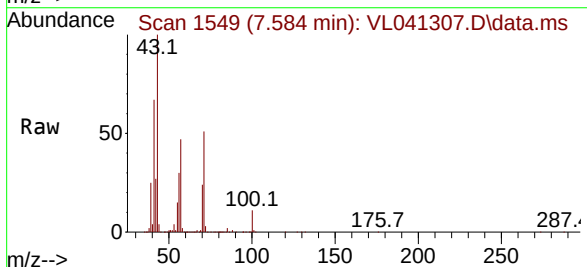
Manual Integrations
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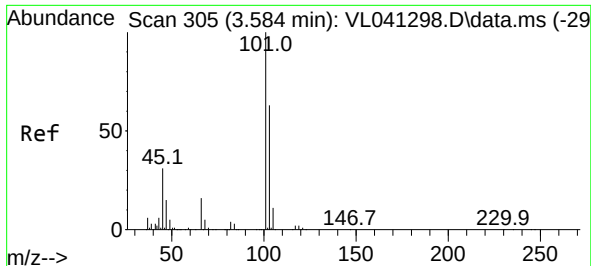
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#10
 Heptane
 Concen: 9.506 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

Tgt Ion: 43 Resp: 1224922
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.0 58.4





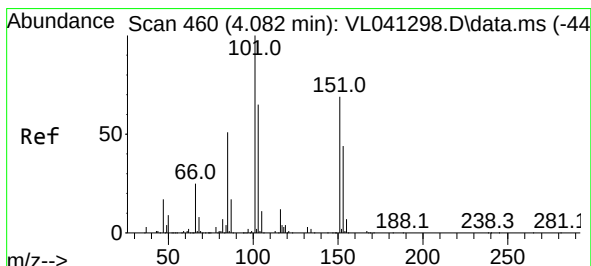
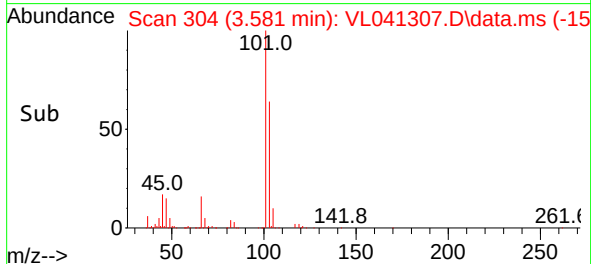
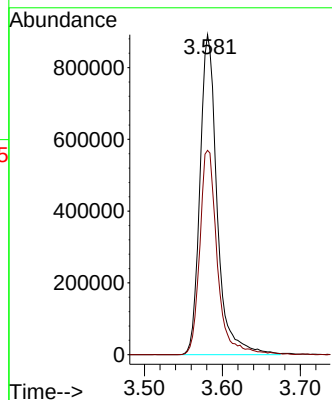
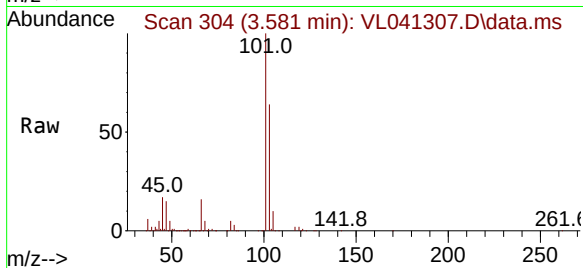
#11
Trichlorofluoromethane
Concen: 9.633 ppbv
RT: 3.581 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument : MSVOA_L
ClientSampleId : VL0604ABS01

Tgt Ion:101 Resp: 136571
Ion Ratio Lower Upper
101 100
103 63.8 50.6 76.0

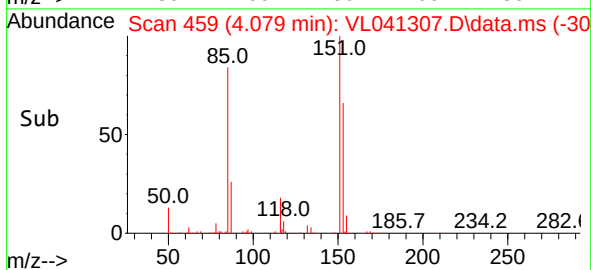
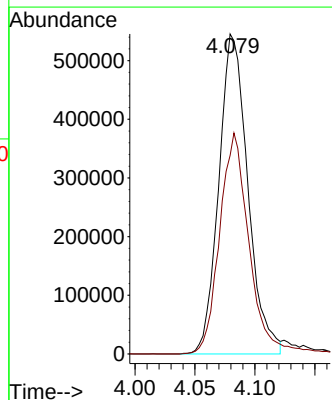
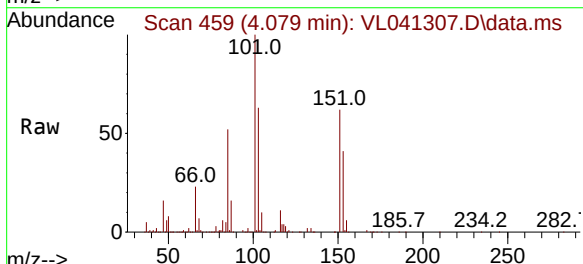
Manual Integrations
APPROVED

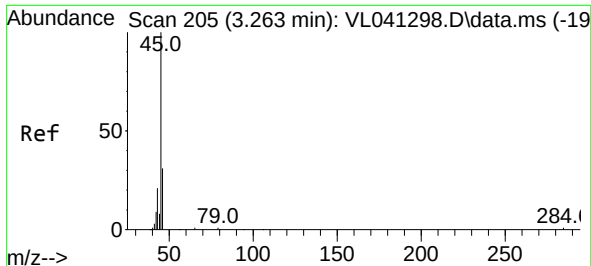
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.158 ppbv
RT: 4.079 min Scan# 459
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

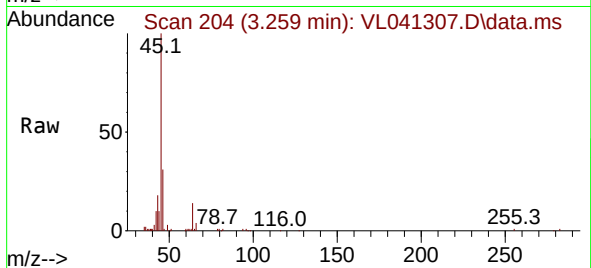
Tgt Ion:101 Resp: 917129
Ion Ratio Lower Upper
101 100
151 70.9 54.8 82.2





#13
Ethanol
Concen: 7.005 ppbv m
RT: 3.259 min Scan# 205
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

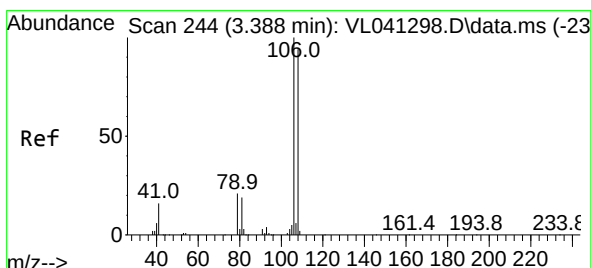
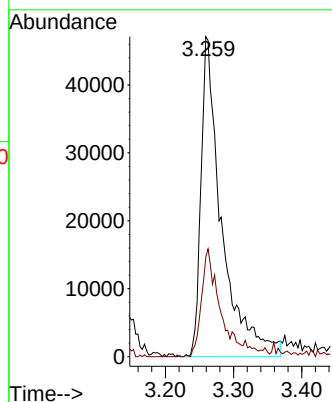
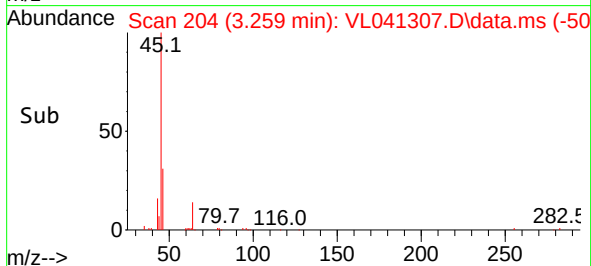
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



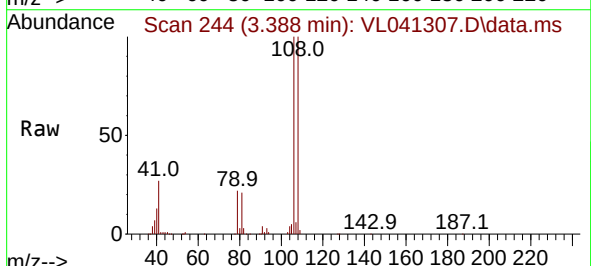
Tgt Ion: 45 Resp: 9908
Ion Ratio Lower Upper
45 100
46 32.2 14.2 56.6

Manual Integrations
APPROVED

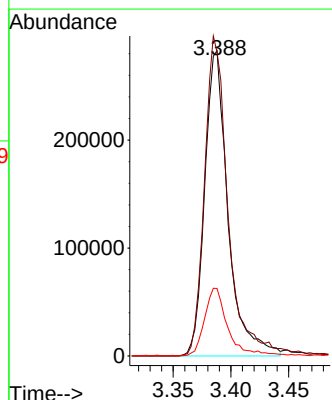
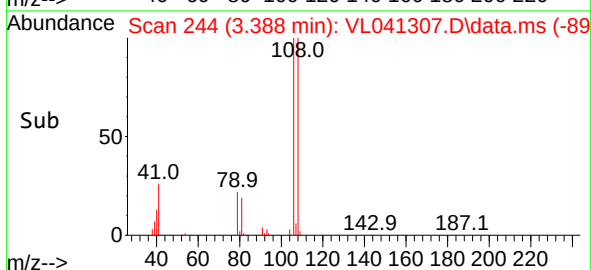
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

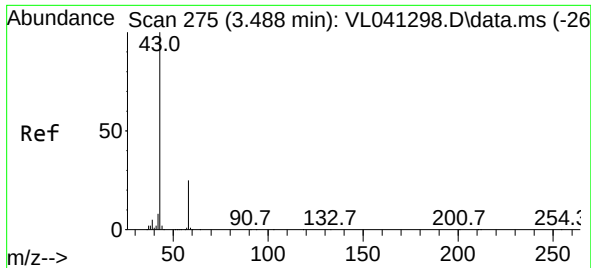


#14
Bromoethene
Concen: 9.784 ppbv
RT: 3.388 min Scan# 244
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



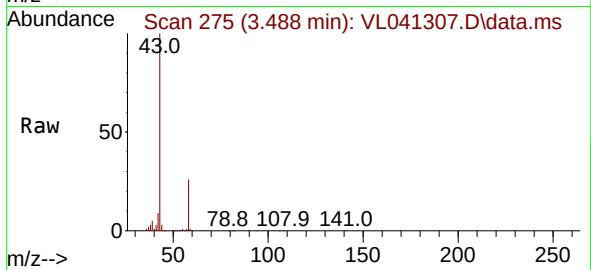
Tgt Ion:108 Resp: 396565
Ion Ratio Lower Upper
108 100
106 108.1 85.4 128.0
79 23.0 17.8 26.8





#15
Acetone
Concen: 8.983 ppbv
RT: 3.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

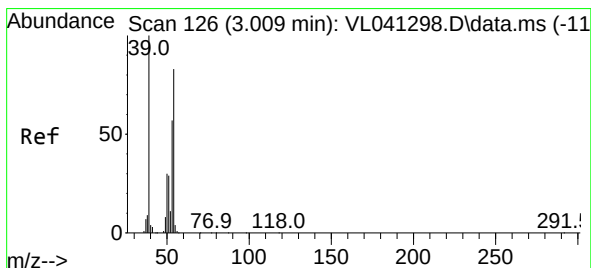
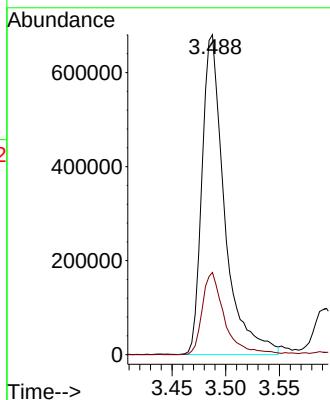
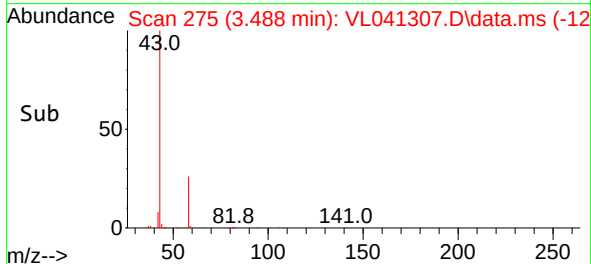
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



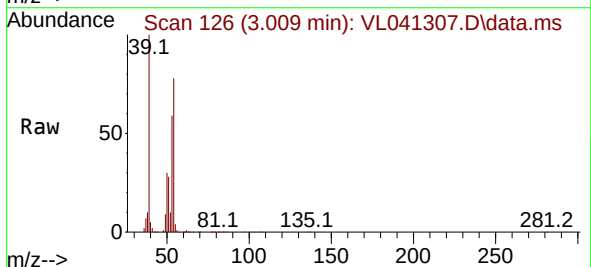
Tgt Ion: 43 Resp: 990572
Ion Ratio Lower Upper
43 100
58 25.8 20.6 31.0

Manual Integrations
APPROVED

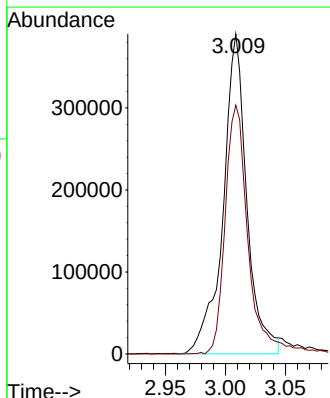
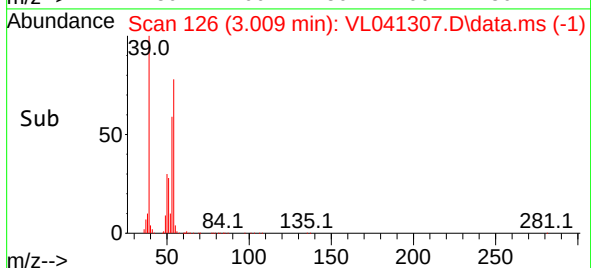
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

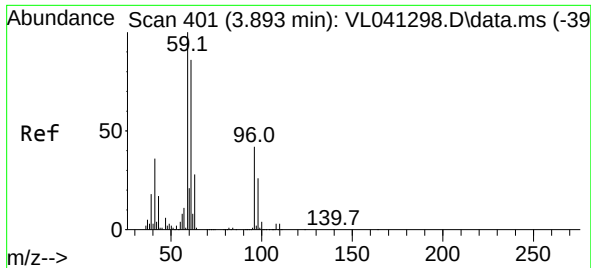


#16
1,3-Butadiene
Concen: 9.699 ppbv
RT: 3.009 min Scan# 126
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion: 39 Resp: 537634
Ion Ratio Lower Upper
39 100
54 76.6 60.5 90.7





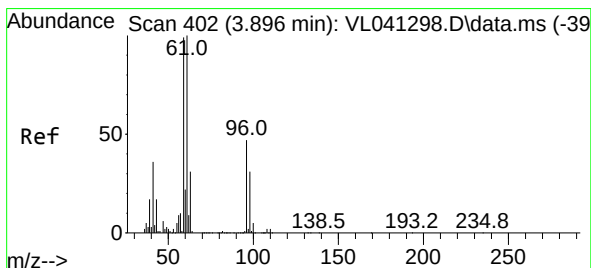
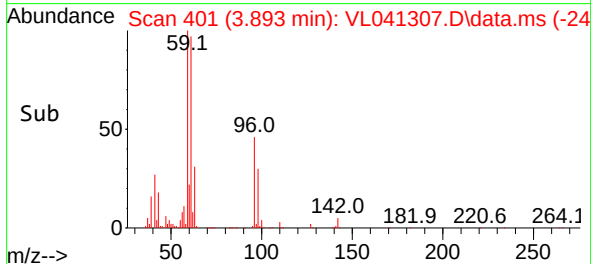
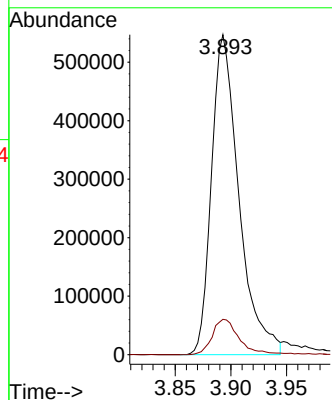
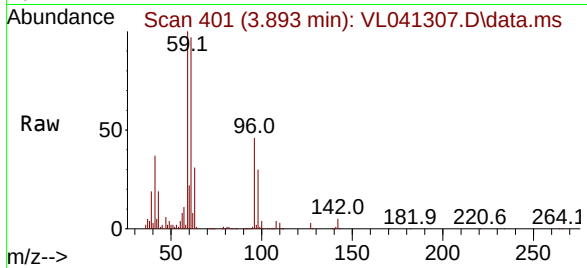
#17
tert-Butyl alcohol
Concen: 9.230 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 59 Resp: 93701
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4

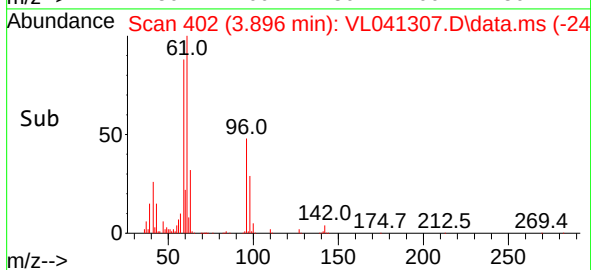
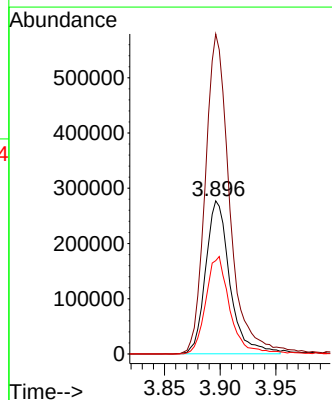
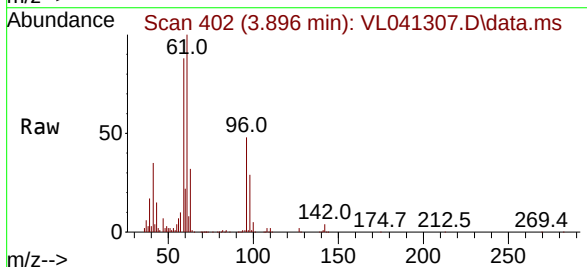
Manual Integrations
APPROVED

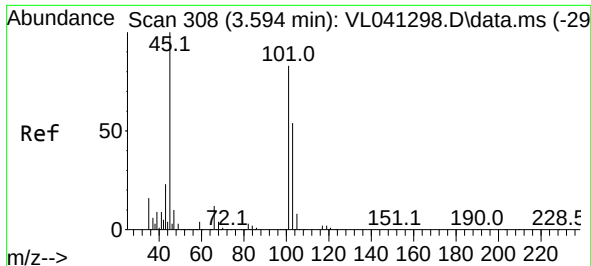
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#18
1,1-Dichloroethene
Concen: 9.852 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

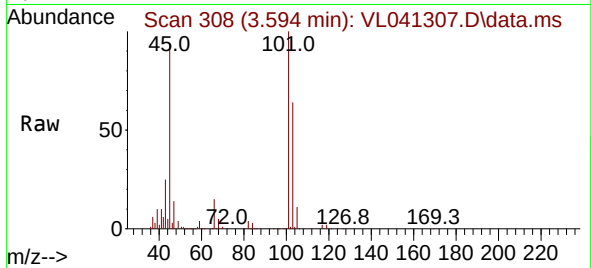
Tgt Ion: 96 Resp: 420886
Ion Ratio Lower Upper
96 100
61 208.9 171.8 257.8
98 60.8 53.1 79.7





#19
Isopropyl Alcohol
Concen: 9.075 ppbv
RT: 3.594 min Scan# 308
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

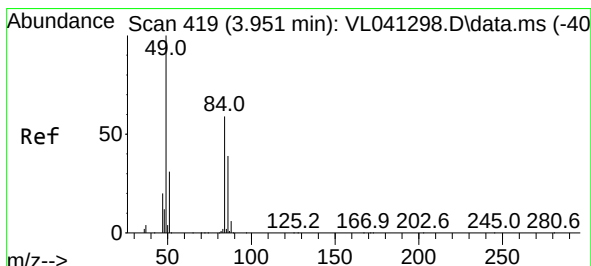
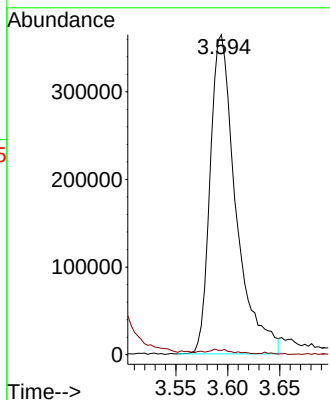
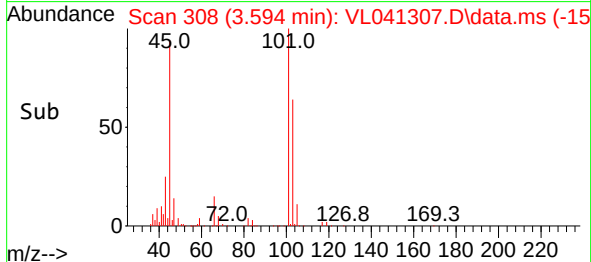
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



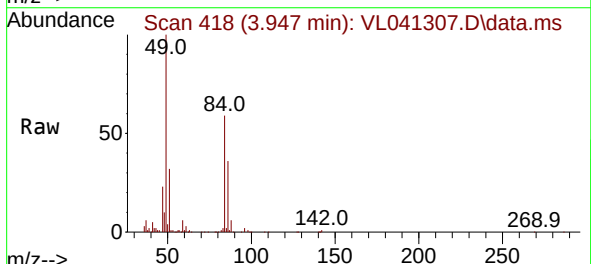
Tgt Ion: 45 Resp: 628698
Ion Ratio Lower Upper
45 100
58 2.2 1.4 2.2

Manual Integrations
APPROVED

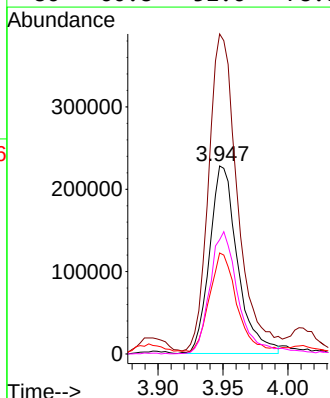
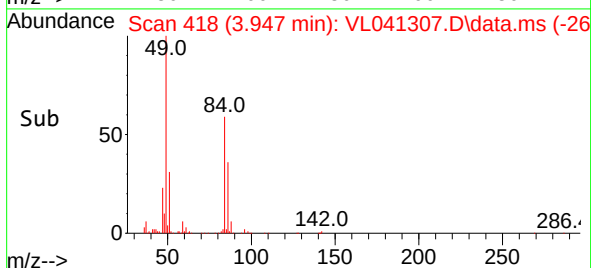
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

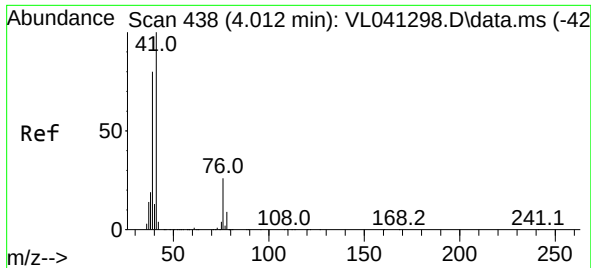


#20
Methylene Chloride
Concen: 8.506 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



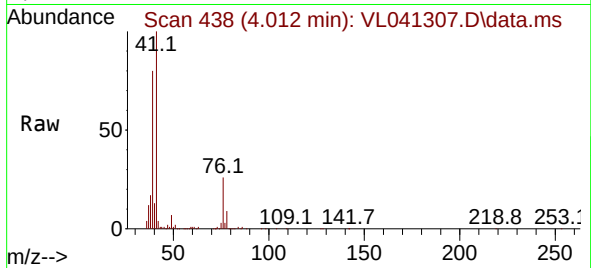
Tgt Ion: 84 Resp: 340922
Ion Ratio Lower Upper
84 100
49 167.6 136.2 204.2
51 52.2 41.9 62.9
86 60.8 52.6 78.8





#21
 Allyl Chloride
 Concen: 9.452 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

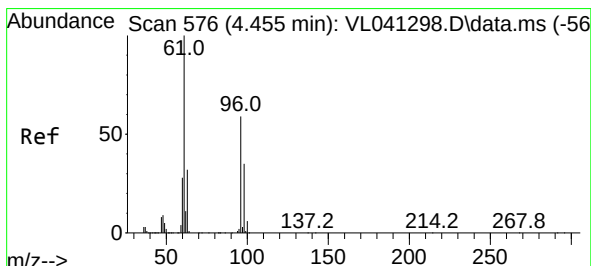
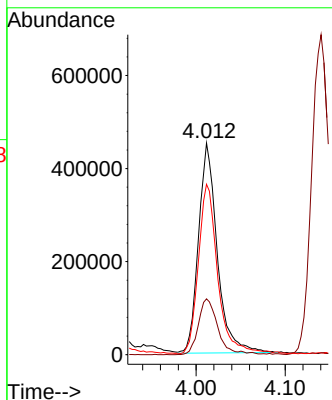
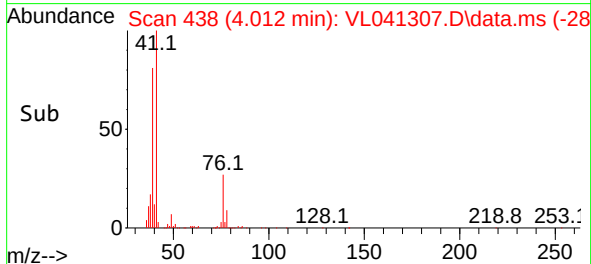
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABS01



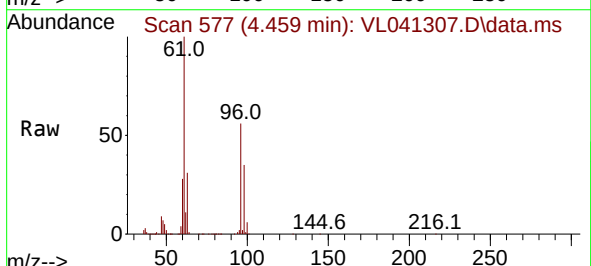
Tgt Ion: 41 Resp: 66029
 Ion Ratio Lower Upper
 41 100
 76 28.0 22.3 33.5
 39 83.1 66.3 99.5

Manual Integrations
 APPROVED

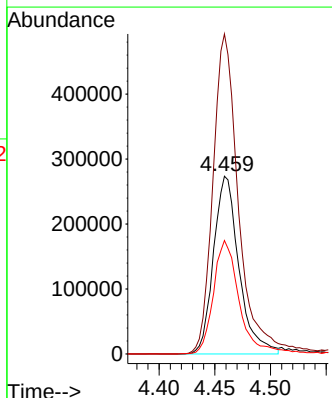
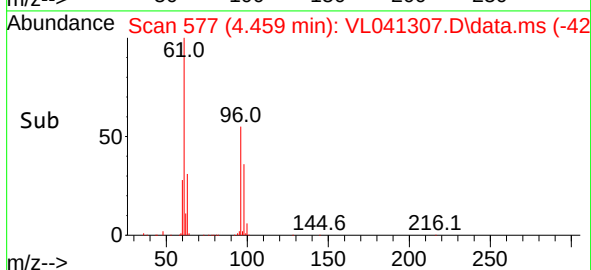
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

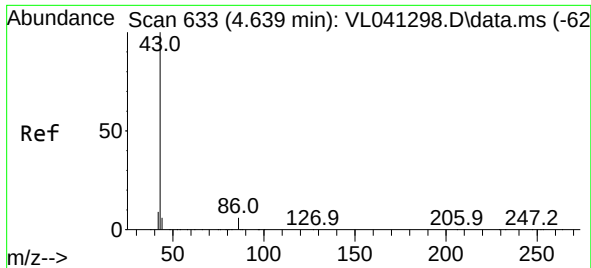


#22
 trans-1,2-Dichloroethene
 Concen: 9.793 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01



Tgt Ion: 96 Resp: 435977
 Ion Ratio Lower Upper
 96 100
 61 180.1 135.5 203.3
 98 63.9 47.6 71.4





#23
Vinyl Acetate
Concen: 10.811 ppbv
RT: 4.639 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

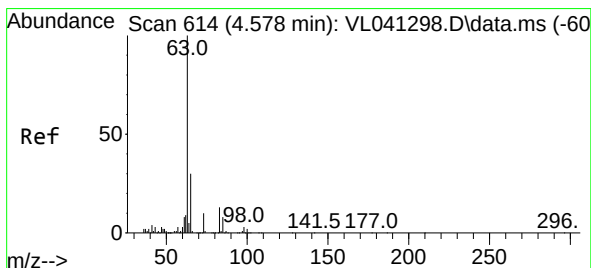
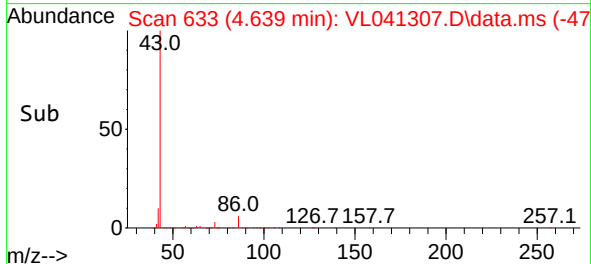
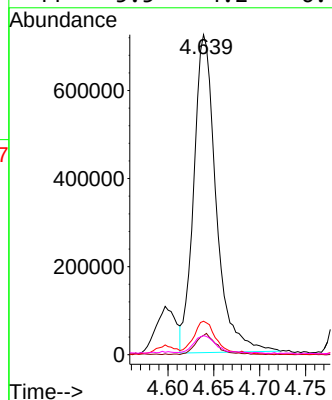
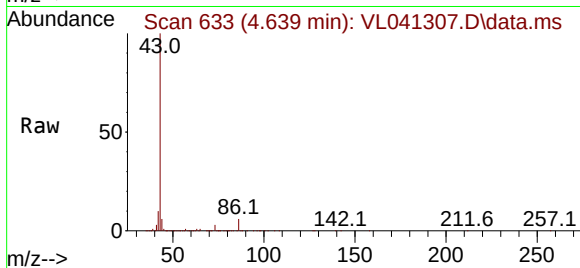
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 43 Resp: 121925

Ion	Ratio	Lower	Upper
43	100		
86	6.0	4.7	7.1
42	10.3	8.0	12.0
44	5.5	4.2	6.4

Manual Integrations
APPROVED

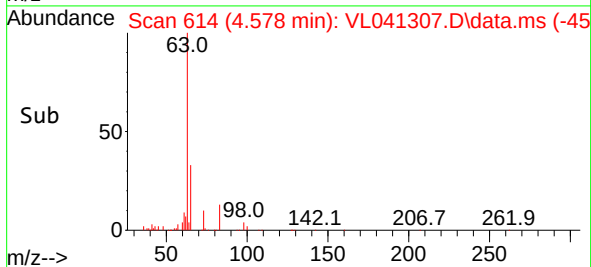
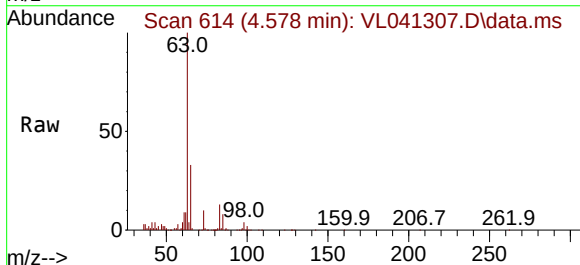
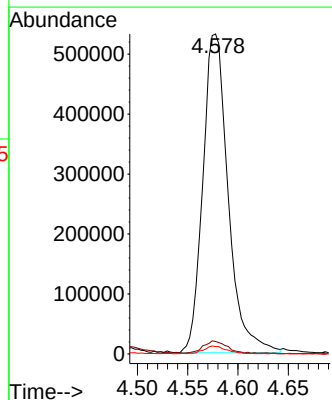
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

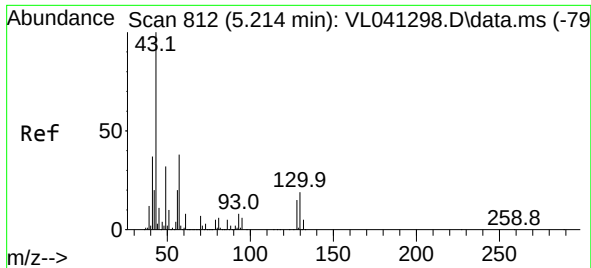


#24
1,1-Dichloroethane
Concen: 9.414 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 63 Resp: 933945

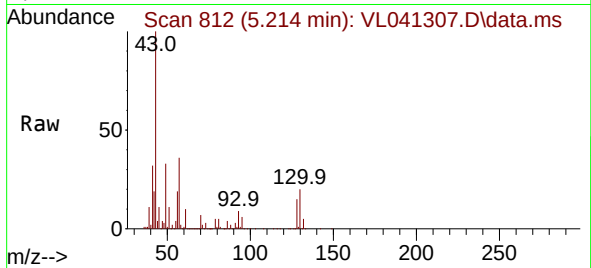
Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.9	5.7
100	2.3	1.1	3.5





#25
Ethyl Acetate
Concen: 9.448 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

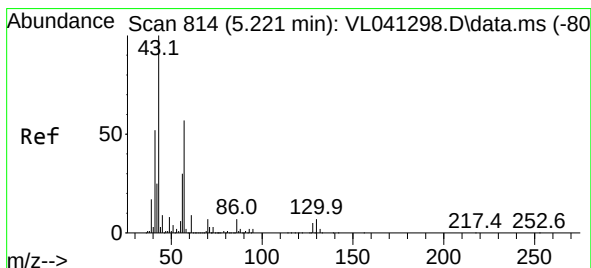
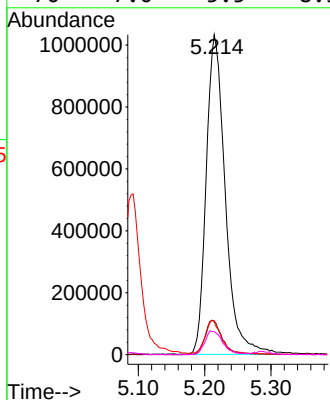
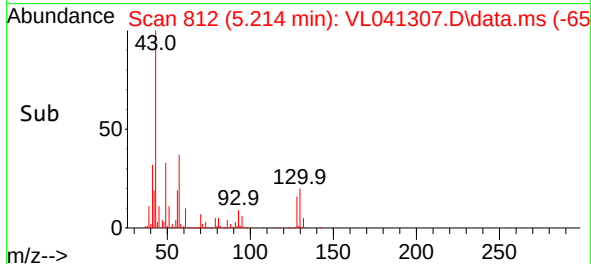


Tgt Ion: 43 Resp: 2061034

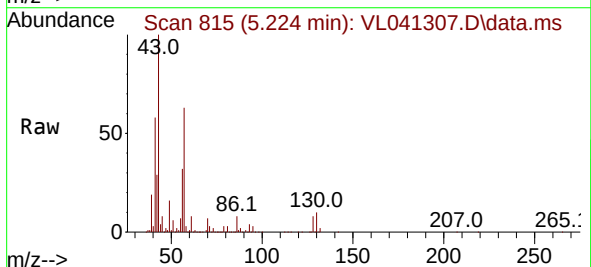
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	9.3	7.4	11.0
70	7.0	5.5	8.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

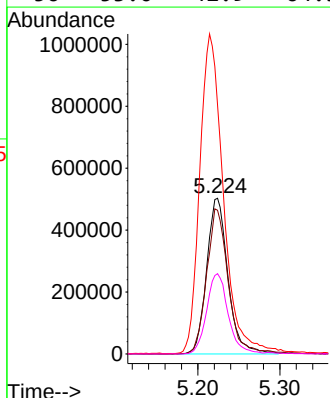
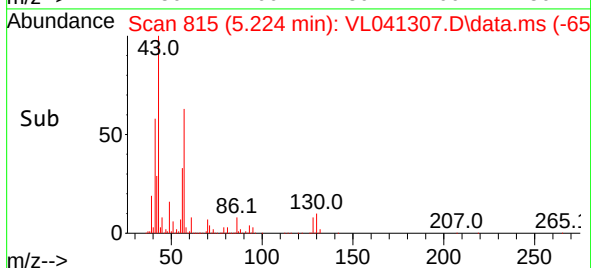


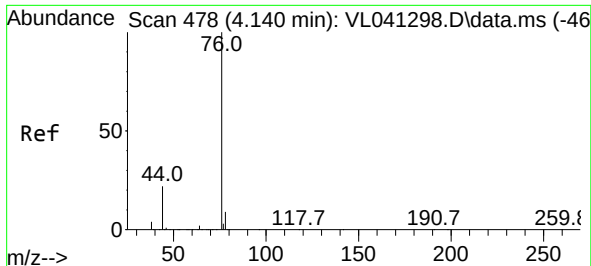
#26
Hexane
Concen: 9.251 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion: 57 Resp: 907546

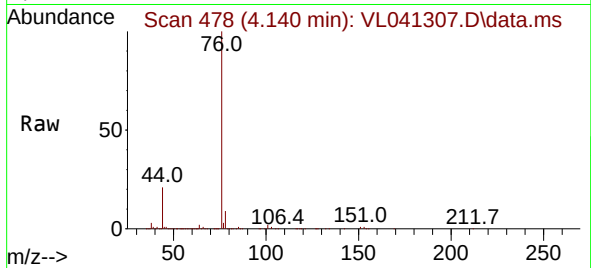
Ion	Ratio	Lower	Upper
57	100		
41	95.4	77.1	115.7
43	228.6	186.1	279.1
56	53.0	42.9	64.3





#27
Carbon Disulfide
Concen: 10.367 ppbv
RT: 4.140 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

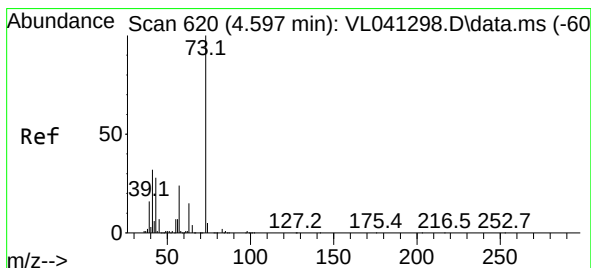
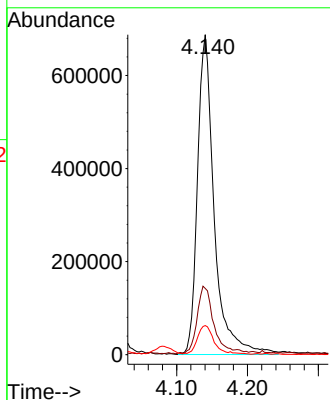
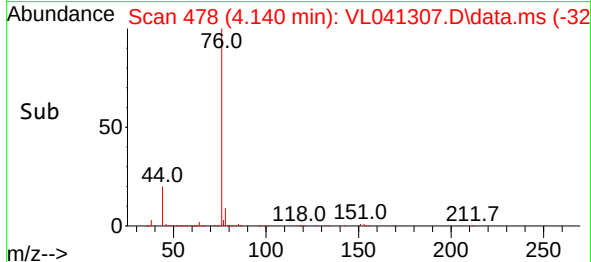
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



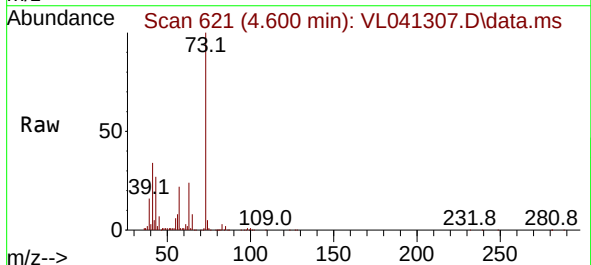
Tgt Ion: 76 Resp: 1126500
Ion Ratio Lower Upper
76 100
44 21.5 17.7 26.5
78 9.3 7.8 11.6

Manual Integrations
APPROVED

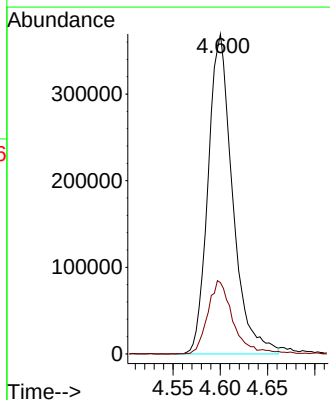
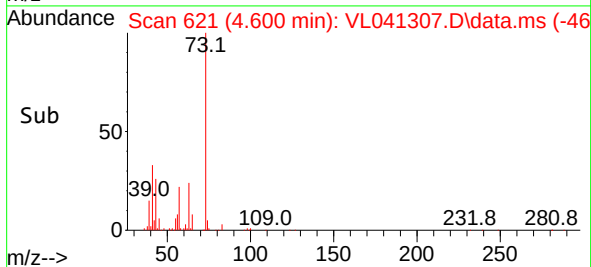
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

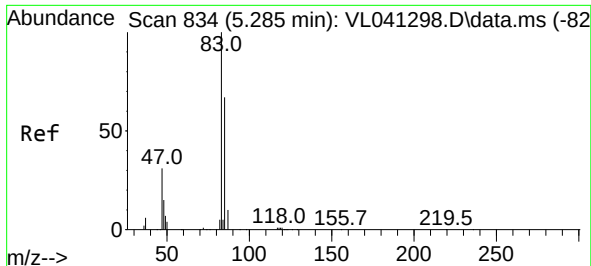


#28
Methyl tert-Butyl Ether
Concen: 9.153 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion: 73 Resp: 665483
Ion Ratio Lower Upper
73 100
57 23.7 19.2 28.8





#29

Chloroform

Concen: 9.523 ppbv

RT: 5.285 min Scan# 834

Delta R.T. -0.000 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion: 83 Resp: 143337

Ion Ratio Lower Upper

83 100

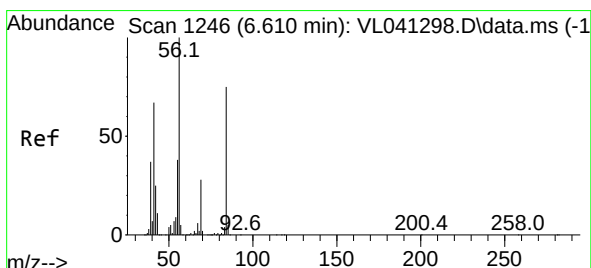
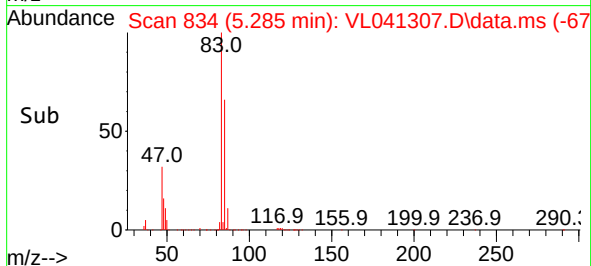
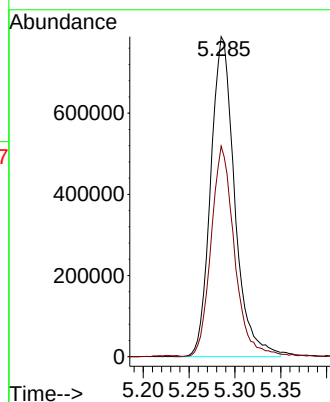
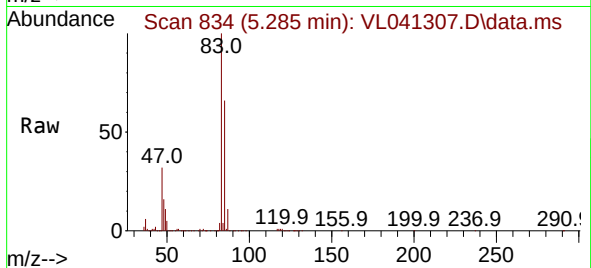
85 65.6 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#30

Cyclohexane

Concen: 9.707 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

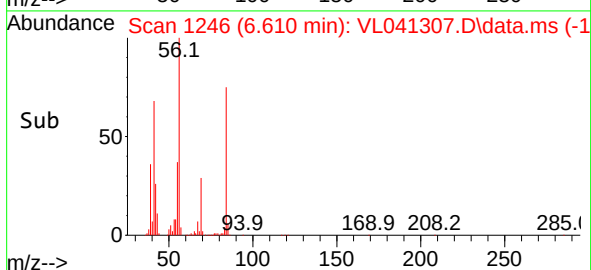
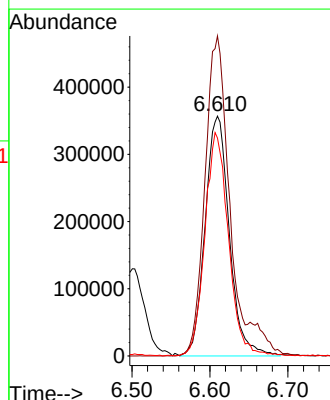
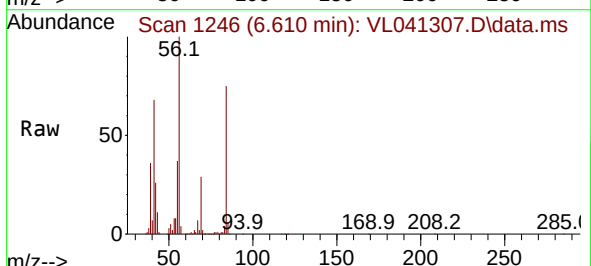
Tgt Ion: 84 Resp: 771861

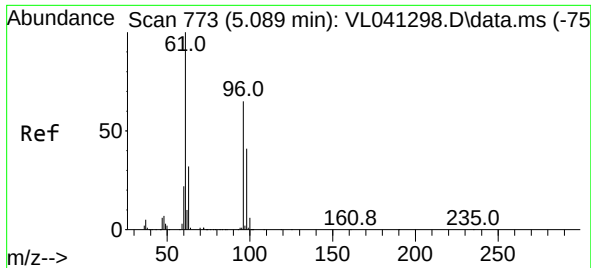
Ion Ratio Lower Upper

84 100

56 139.6 114.9 172.3

41 90.5 74.4 111.6





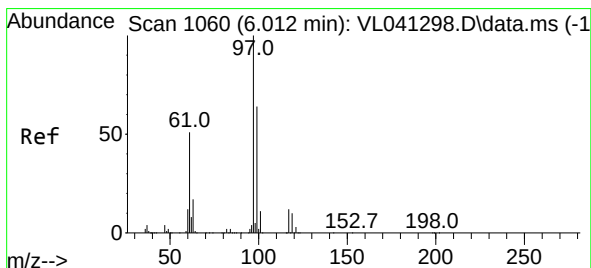
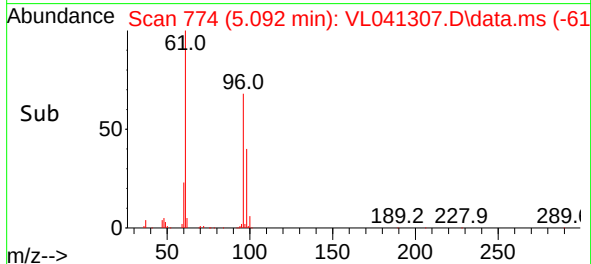
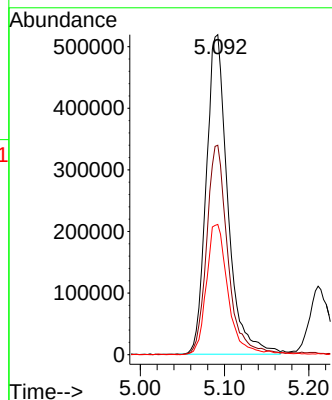
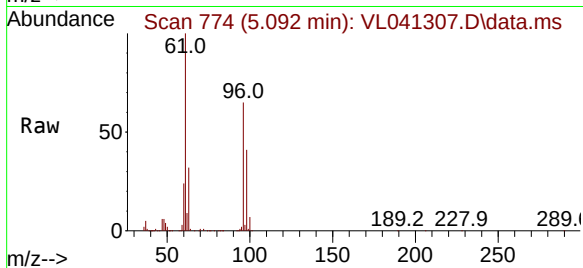
#31
cis-1,2-Dichloroethene
Concen: 9.956 ppbv
RT: 5.092 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 61 Resp: 92293
Ion Ratio Lower Upper
61 100
96 65.5 52.1 78.1
98 40.7 33.1 49.7

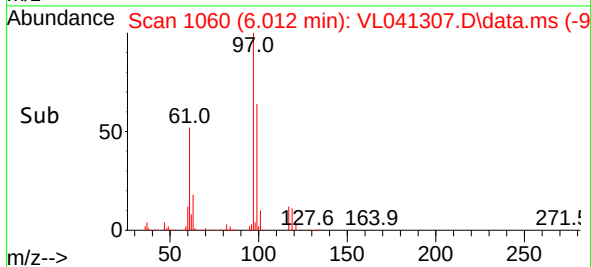
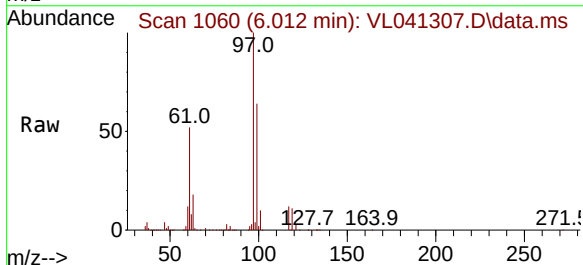
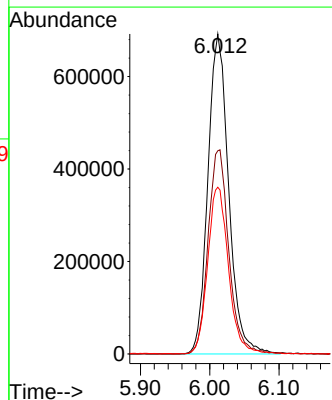
Manual Integrations
APPROVED

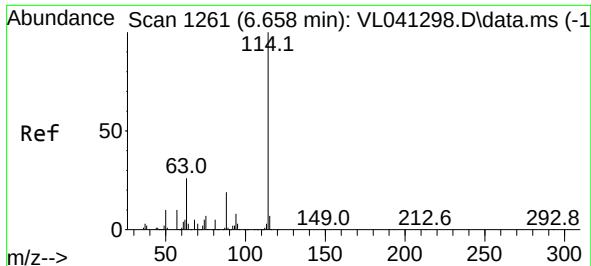
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#32
1,1,1-Trichloroethane
Concen: 10.107 ppbv
RT: 6.012 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 97 Resp: 1440898
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 52.2 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion:114 Resp: 256196

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

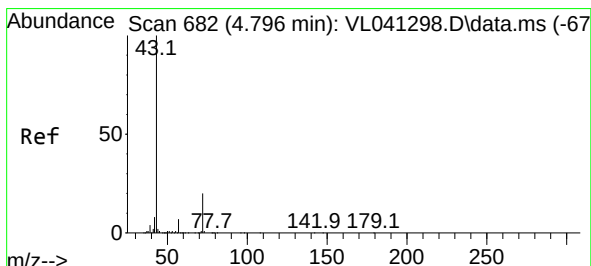
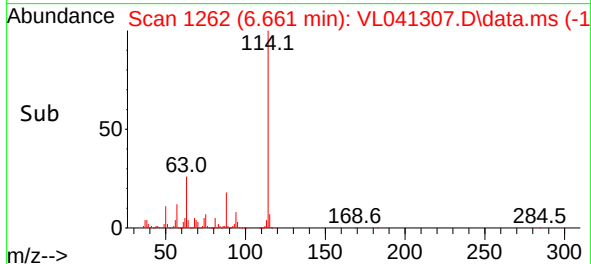
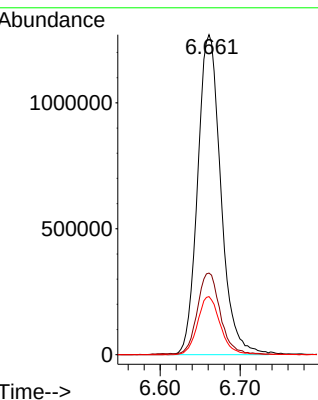
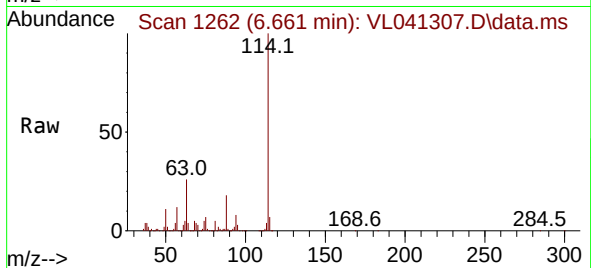
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

2-Butanone

Concen: 10.088 ppbv

RT: 4.796 min Scan# 682

Delta R.T. -0.000 min

Lab File: VL041307.D

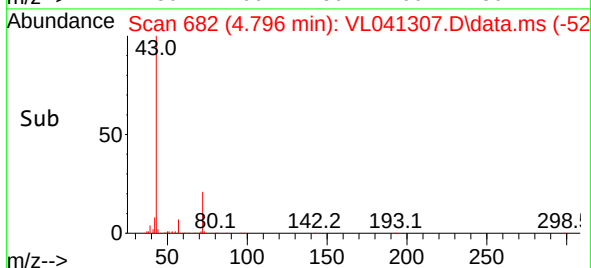
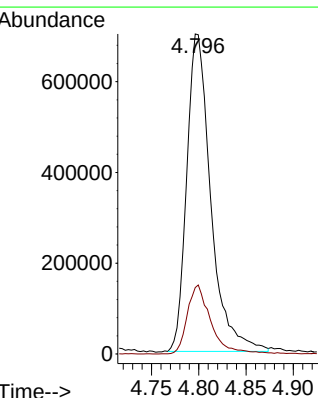
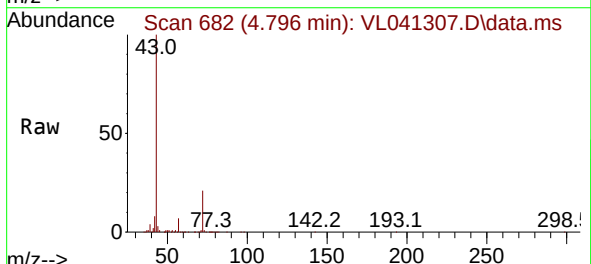
Acq: 4 Jun 2024 16:01

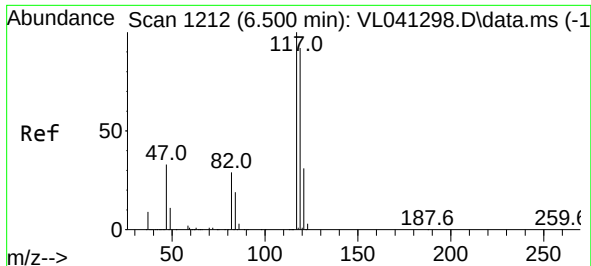
Tgt Ion: 43 Resp: 1238210

Ion Ratio Lower Upper

43 100

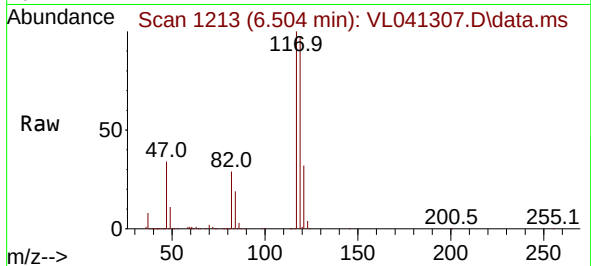
72 21.7 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.172 ppbv
RT: 6.504 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

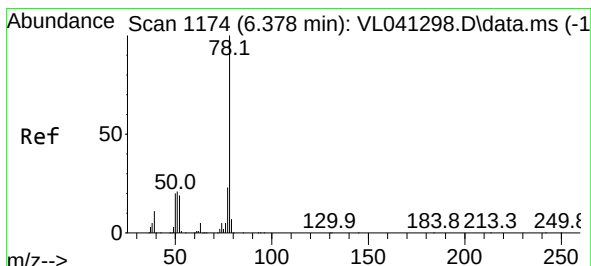
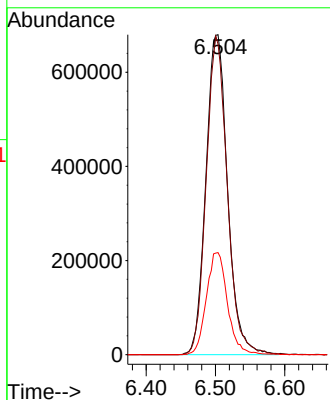
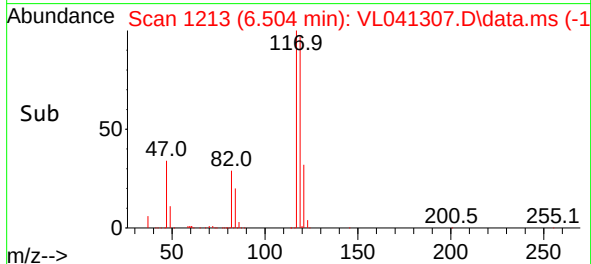
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



Tgt Ion: 117 Resp: 1481090
Ion Ratio Lower Upper
117 100
119 97.0 74.0 111.0
121 31.9 24.8 37.2

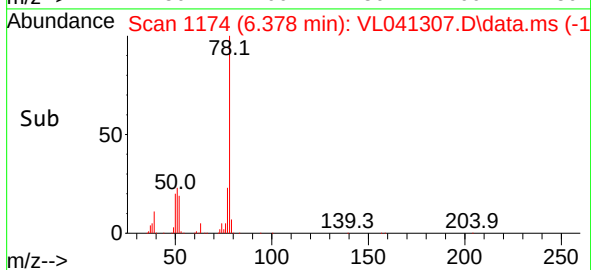
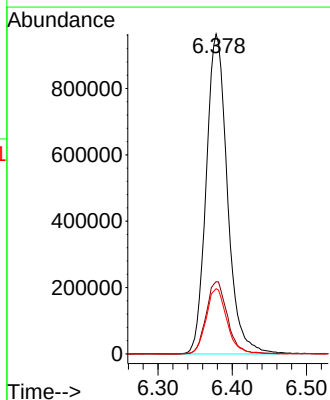
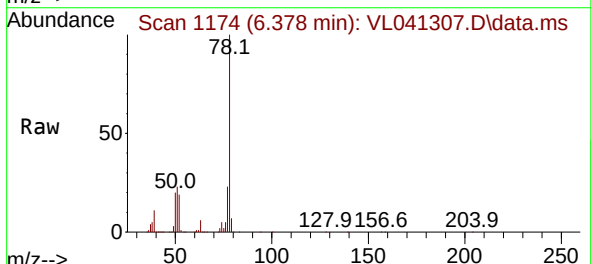
Manual Integrations
APPROVED

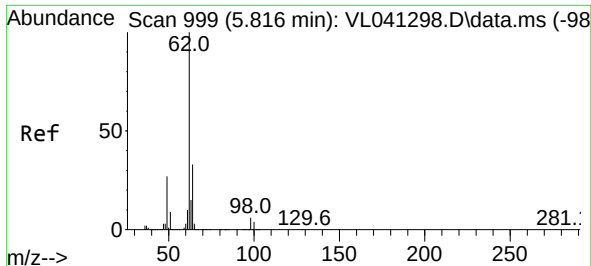
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#36
Benzene
Concen: 9.597 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

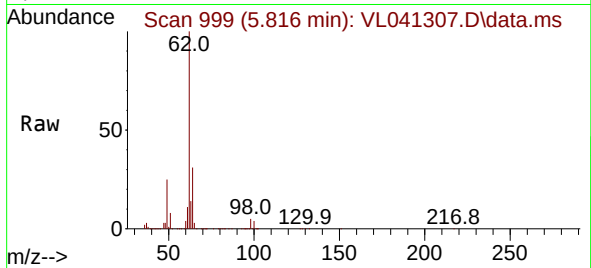
Tgt Ion: 78 Resp: 1905633
Ion Ratio Lower Upper
78 100
77 22.6 18.6 28.0
50 20.4 16.0 24.0





#37
1,2-Dichloroethane
Concen: 9.727 ppbv
RT: 5.816 min Scan# 999
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

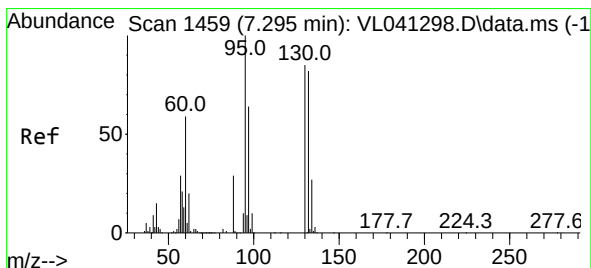
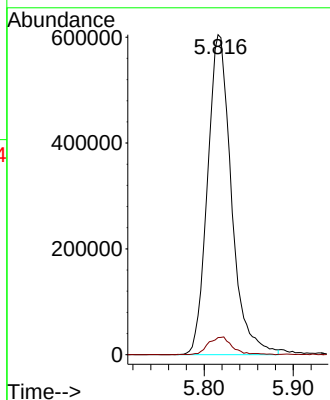
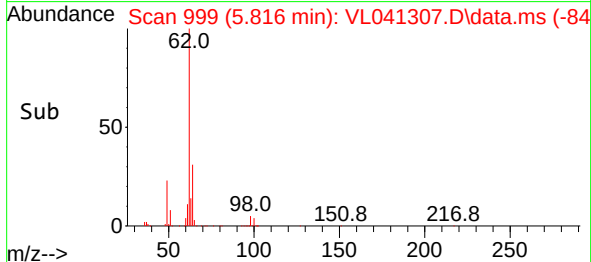
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



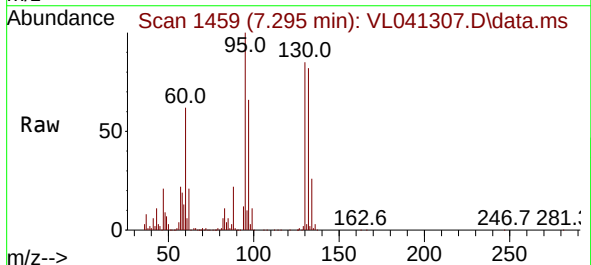
Tgt Ion: 62 Resp: 1126070
Ion Ratio Lower Upper
62 100
98 5.8 4.8 7.2

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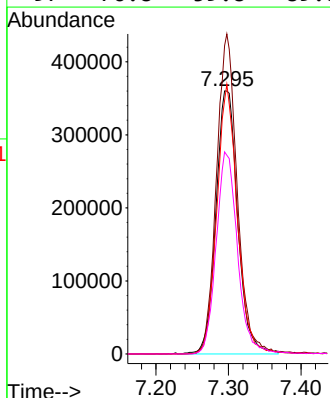
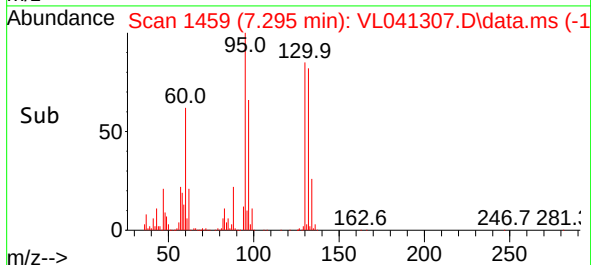
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

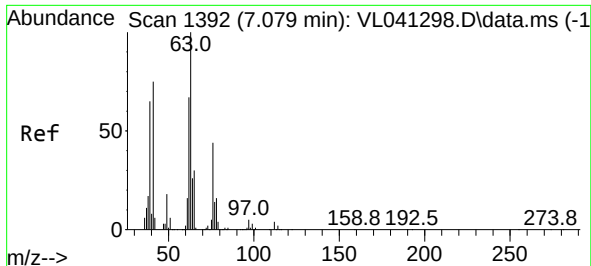


#38
Trichloroethene
Concen: 9.321 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion:130 Resp: 750129
Ion Ratio Lower Upper
130 100
95 117.1 94.0 141.0
132 96.4 76.7 115.1
97 76.8 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.301 ppbv

RT: 7.082 min Scan# 1393

Delta R.T. 0.003 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion: 63 Resp: 735429

Ion Ratio Lower Upper

63 100

41 75.7 59.9 89.9

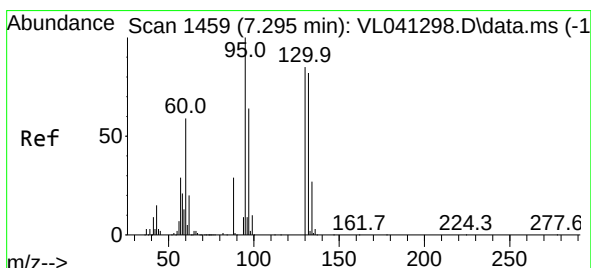
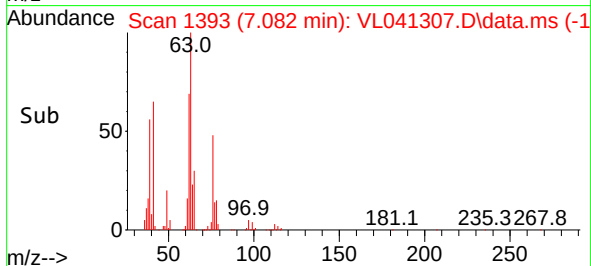
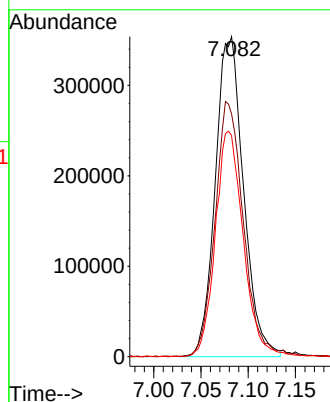
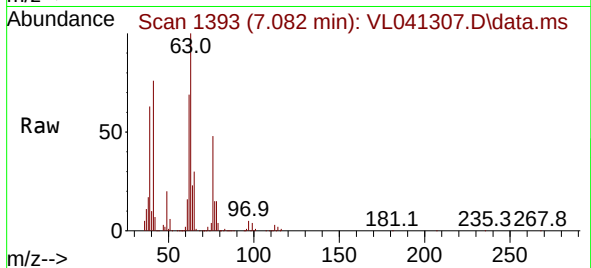
62 69.0 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#40

1,4-Dioxane

Concen: 7.428 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Tgt Ion: 88 Resp: 215116

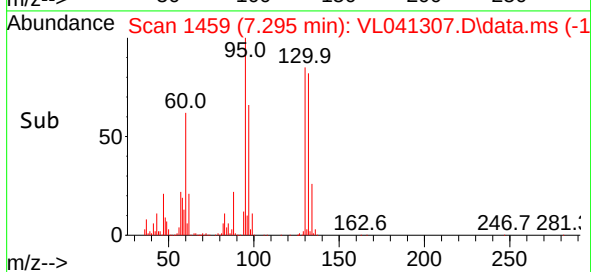
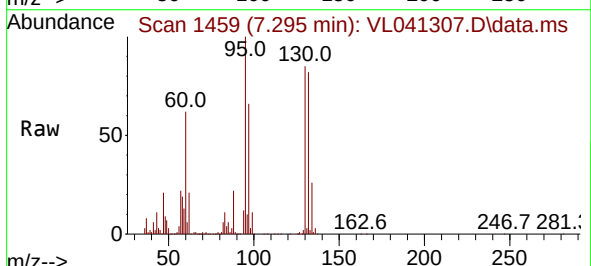
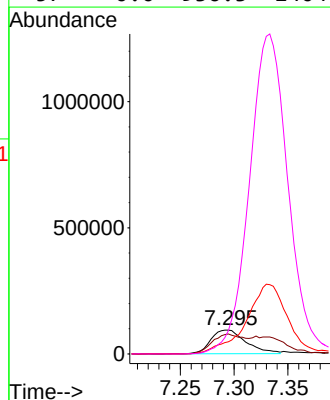
Ion Ratio Lower Upper

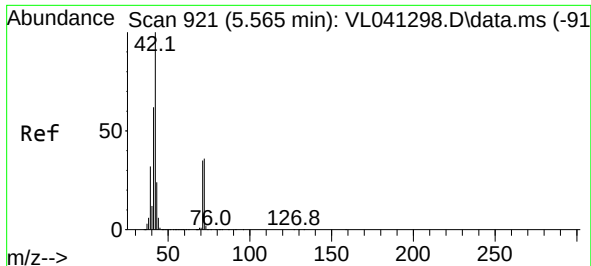
88 100

58 72.0 107.5 161.3#

43 0.0 221.8 332.6#

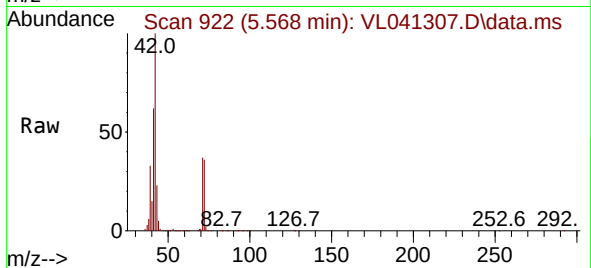
57 0.0 936.3 1404.5#





#41
Tetrahydrofuran
Concen: 9.817 ppbv
RT: 5.568 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

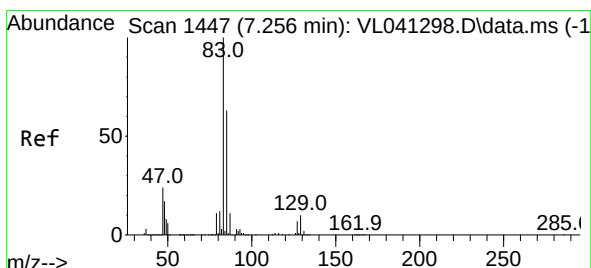
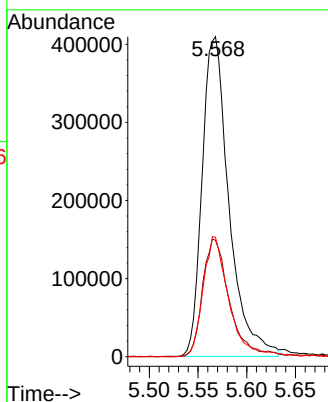
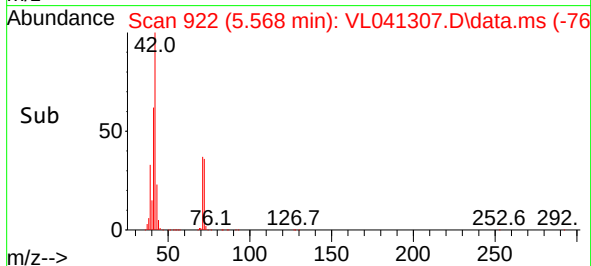
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



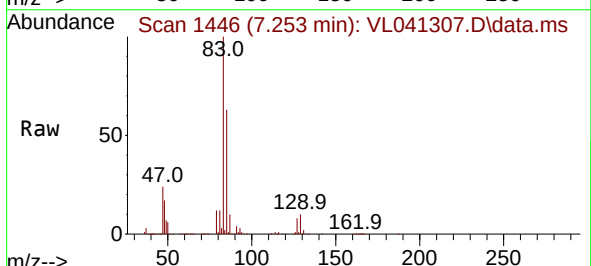
Tgt Ion: 42 Resp: 784014
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.4
71 36.4 30.3 45.5

Manual Integrations
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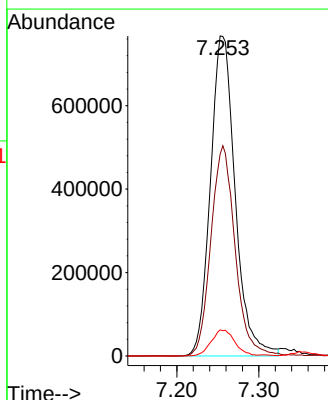
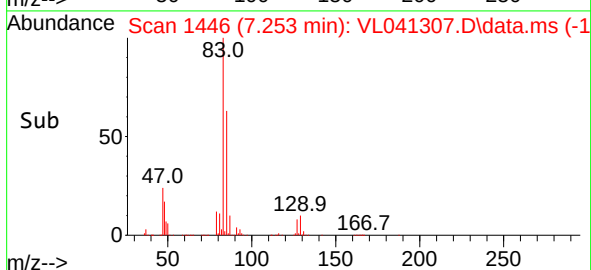
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

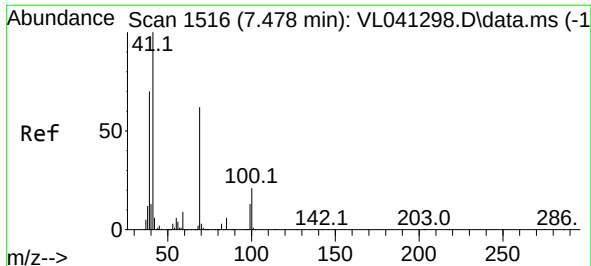


#42
Bromodichloromethane
Concen: 9.698 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



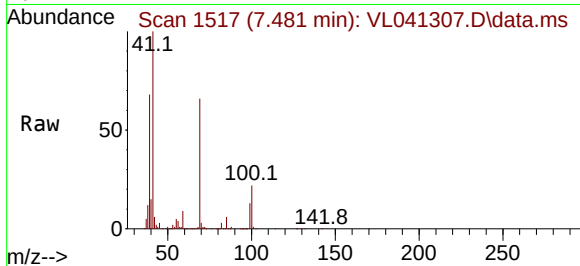
Tgt Ion: 83 Resp: 1612568
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8
127 8.1 5.6 8.4





#43
Methyl Methacrylate
Concen: 10.204 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

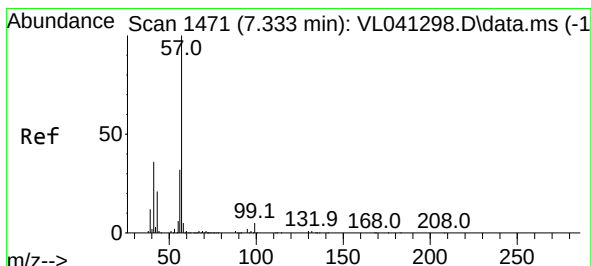
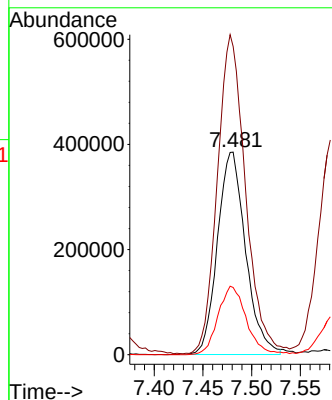
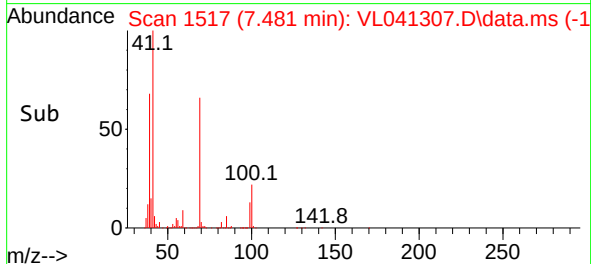
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



Tgt Ion: 69 Resp: 77204
Ion Ratio Lower Upper
69 100
41 158.3 125.8 188.6
100 34.0 27.0 40.6

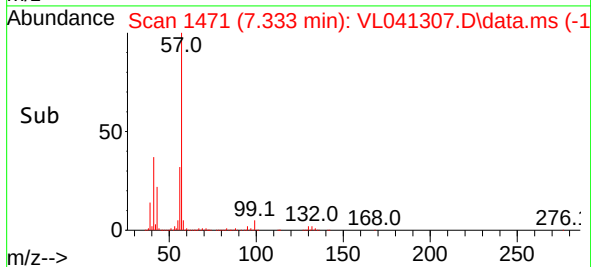
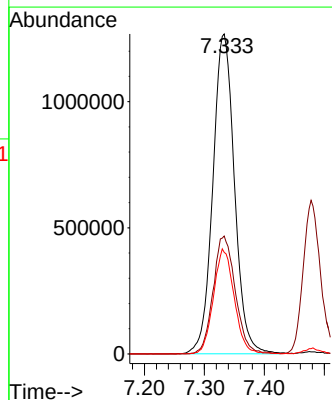
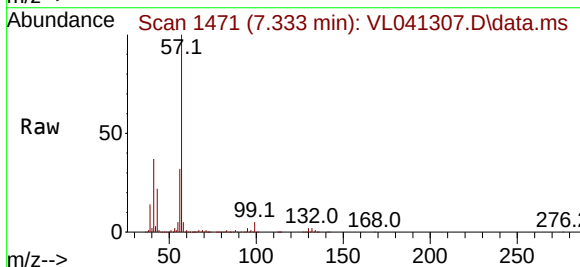
Manual Integrations
APPROVED

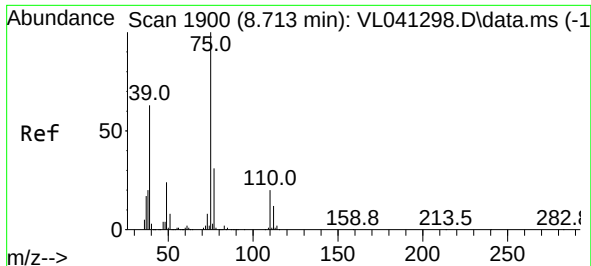
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#44
2,2,4-Trimethylpentane
Concen: 9.303 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 57 Resp: 3177090
Ion Ratio Lower Upper
57 100
41 37.7 29.4 44.2
56 31.5 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 9.488 ppbv

RT: 8.712 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion: 75 Resp: 484390

Ion Ratio Lower Upper

75 100

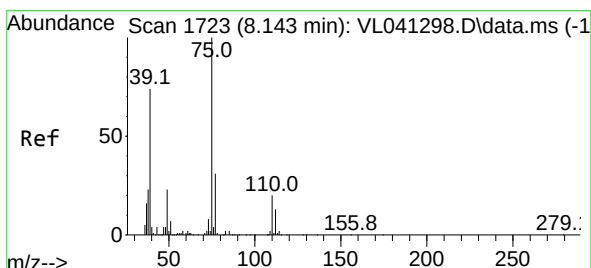
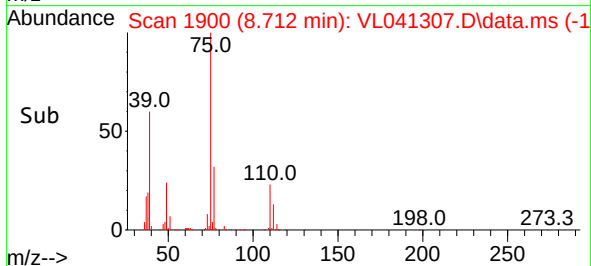
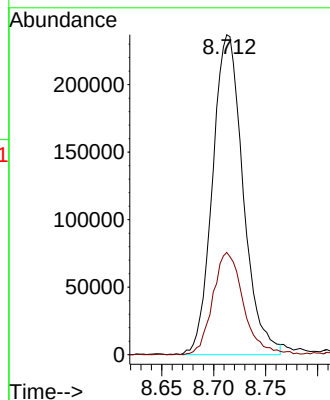
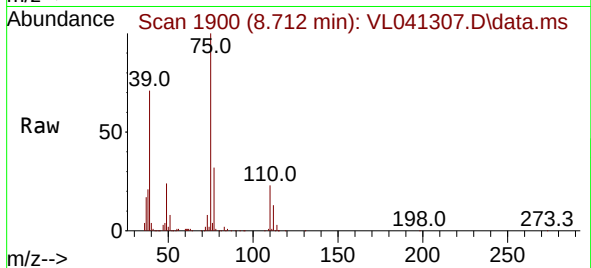
77 32.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#46

cis-1,3-Dichloropropene

Concen: 9.382 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.003 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

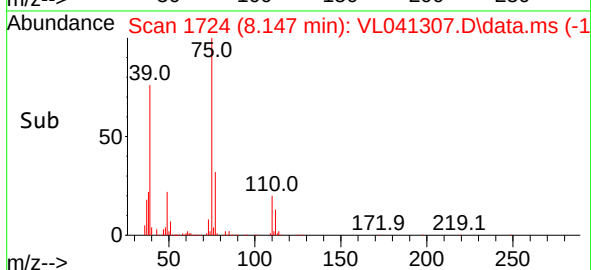
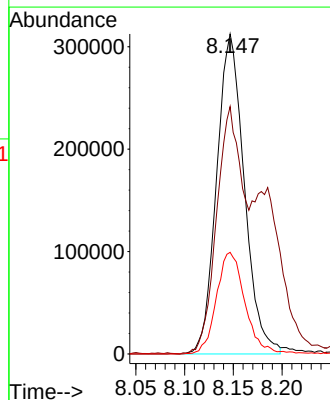
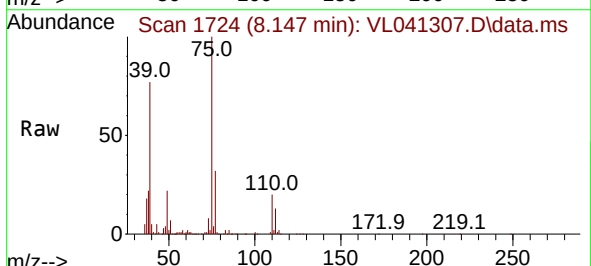
Tgt Ion: 75 Resp: 616567

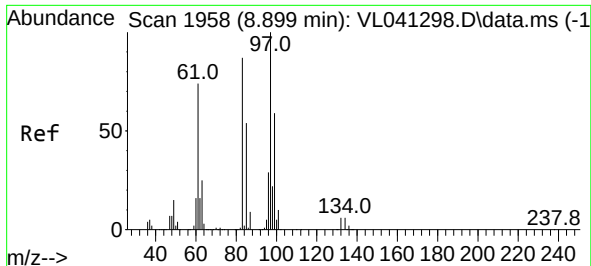
Ion Ratio Lower Upper

75 100

39 77.3 59.2 88.8

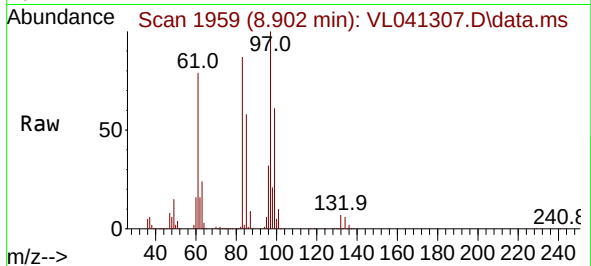
77 31.7 25.0 37.6





#47
1,1,2-Trichloroethane
Concen: 9.589 ppbv
RT: 8.902 min Scan# 1959
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

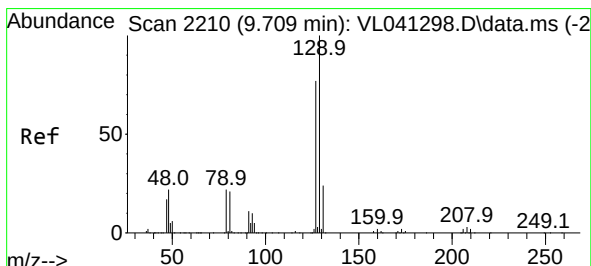
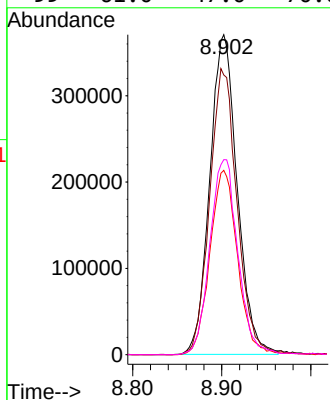
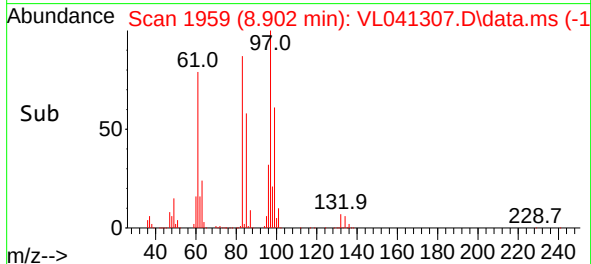
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



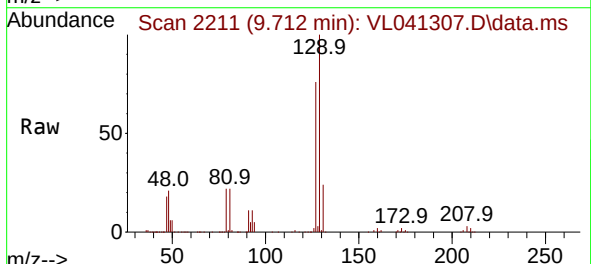
Tgt Ion: 97 Resp: 79233
Ion Ratio Lower Upper
97 100
83 87.4 69.7 104.5
85 57.7 43.1 64.7
99 61.0 47.0 70.6

Manual Integrations
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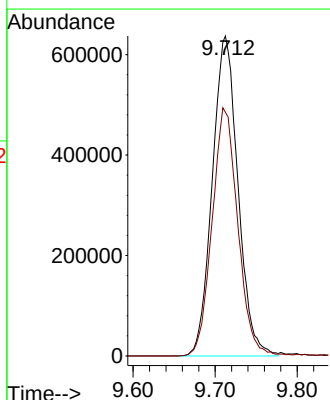
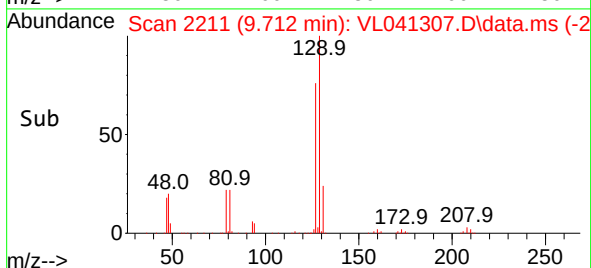
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

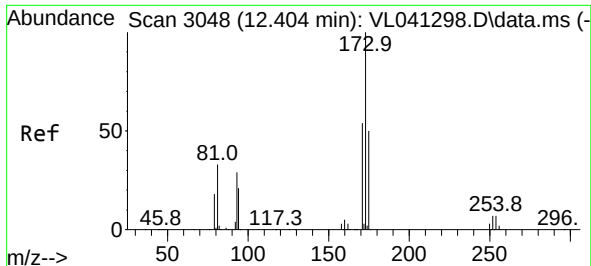


#48
Dibromochloromethane
Concen: 10.178 ppbv
RT: 9.712 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



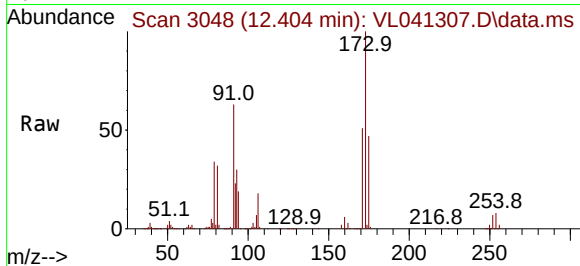
Tgt Ion:129 Resp: 1386073
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





#49
Bromoform
Concen: 10.515 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

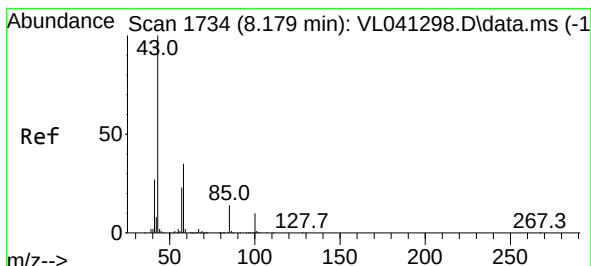
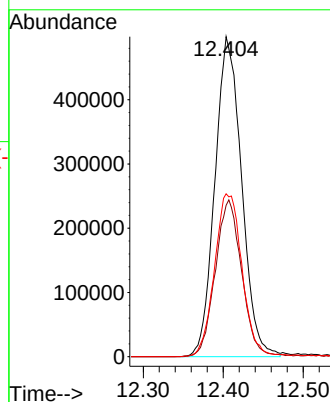
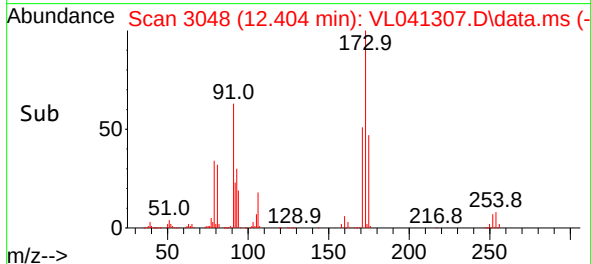
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



Tgt Ion:173 Resp: 115388
Ion Ratio Lower Upper
173 100
175 48.6 39.9 59.9
171 53.2 42.6 63.8

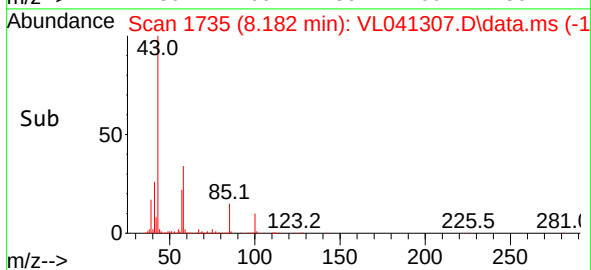
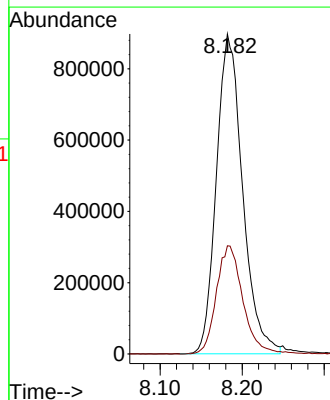
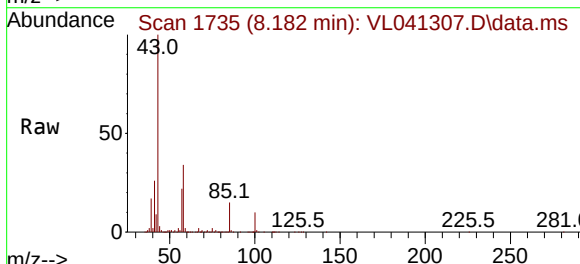
Manual Integrations
APPROVED

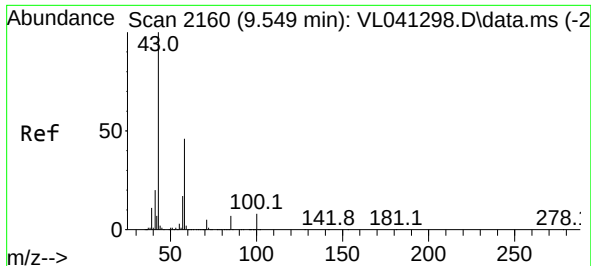
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#50
4-Methyl-2-Pentanone
Concen: 9.795 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

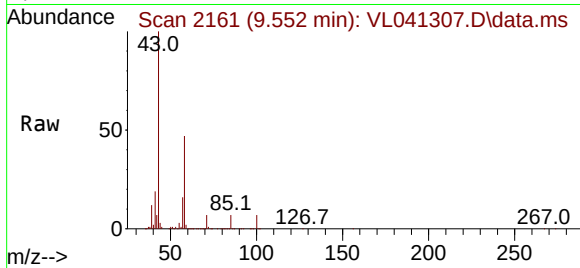
Tgt Ion: 43 Resp: 1989975
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5





#51
2-Hexanone
Concen: 10.106 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

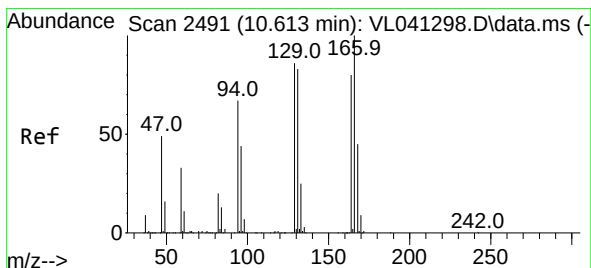
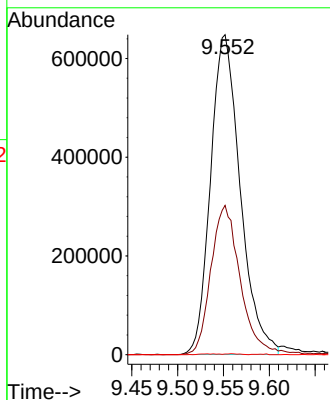
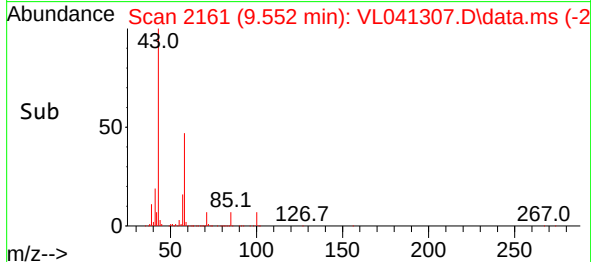
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



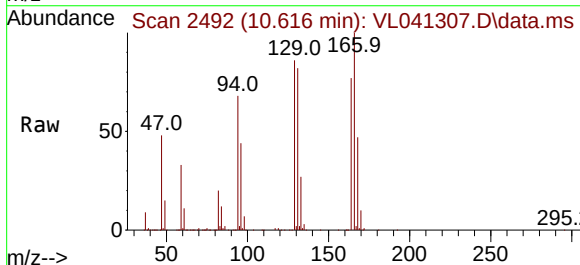
Tgt Ion: 43 Resp: 145936
Ion Ratio Lower Upper
43 100
58 46.8 37.4 56.0
98 0.4 0.2 0.4

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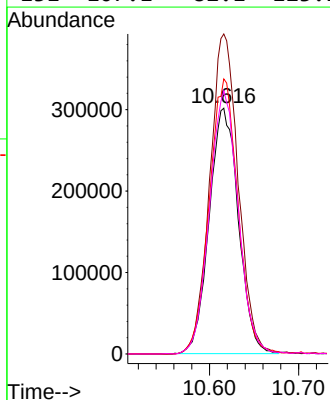
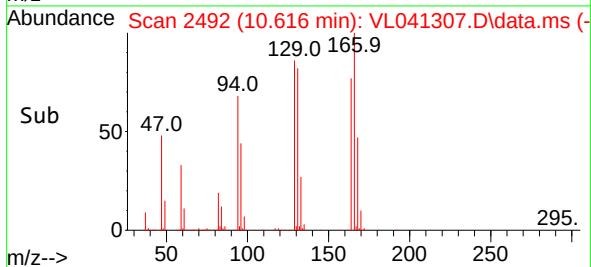
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

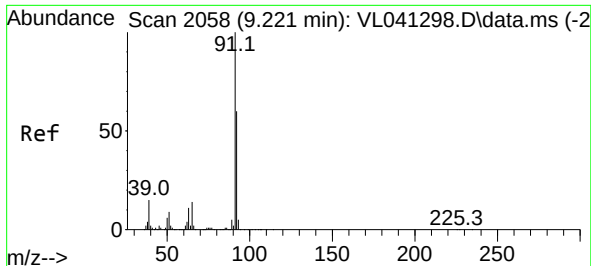


#52
Tetrachloroethene
Concen: 9.441 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion:164 Resp: 683713
Ion Ratio Lower Upper
164 100
166 130.1 99.4 149.0
129 111.8 85.4 128.2
131 107.1 82.1 123.1





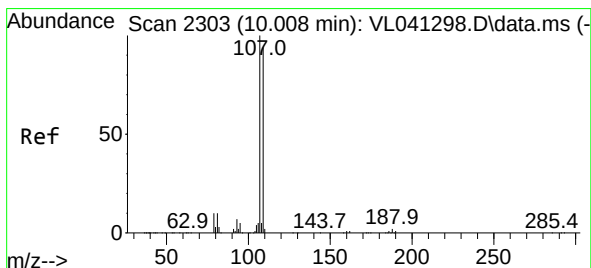
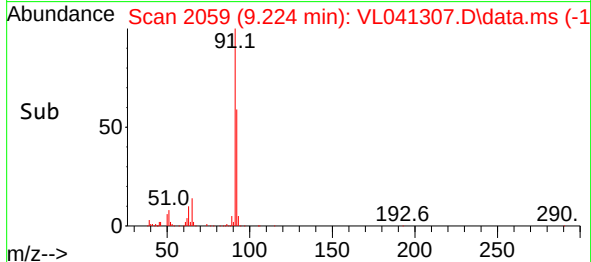
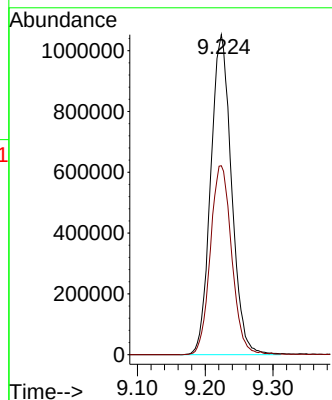
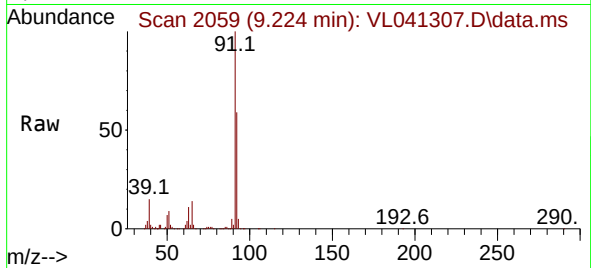
#53
Toluene
Concen: 9.851 ppbv
RT: 9.224 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 91 Resp: 225019
Ion Ratio Lower Upper
91 100
92 60.7 49.2 73.8

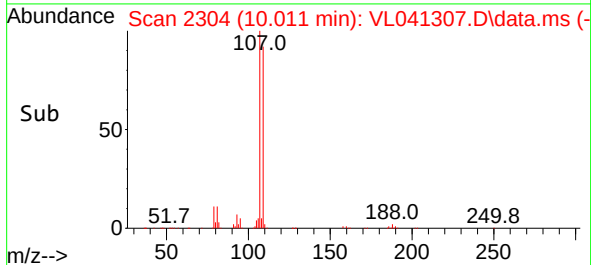
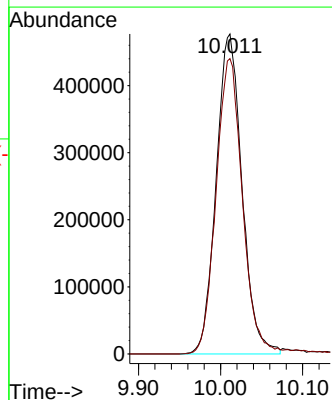
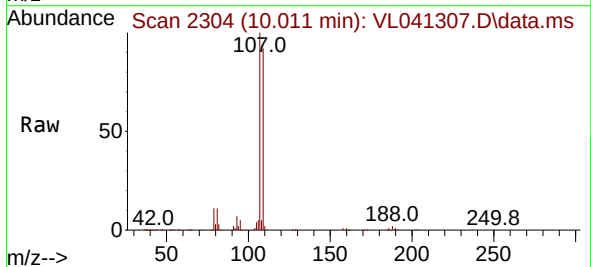
Manual Integrations
APPROVED

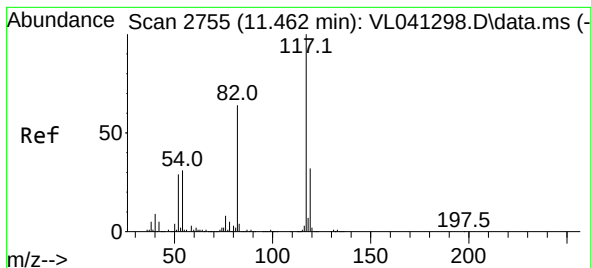
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#54
1,2-Dibromoethane
Concen: 9.695 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion:107 Resp: 1044366
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6





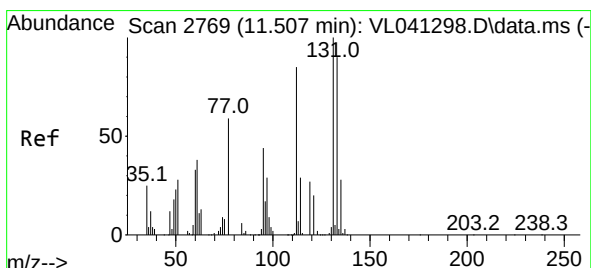
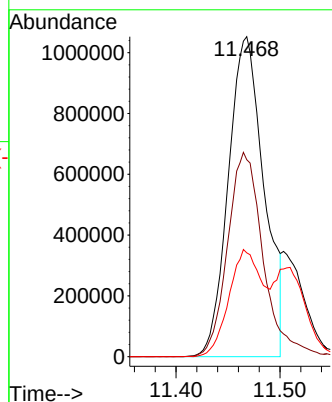
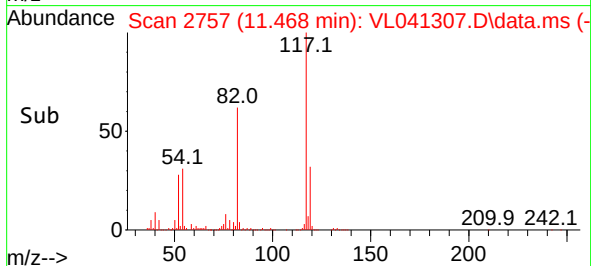
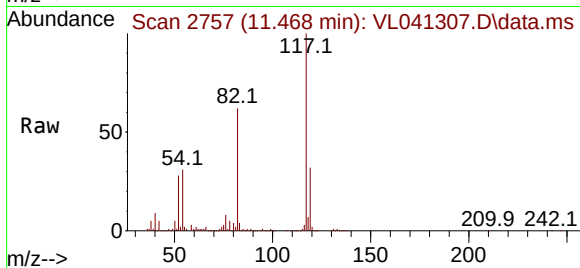
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2755
Delta R.T. 0.006 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion:117 Resp: 251608
Ion Ratio Lower Upper
117 100
82 64.5 52.3 78.5
119 30.3 26.2 39.2

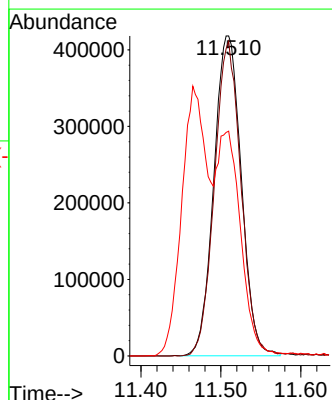
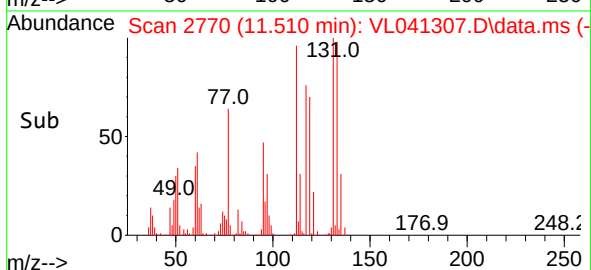
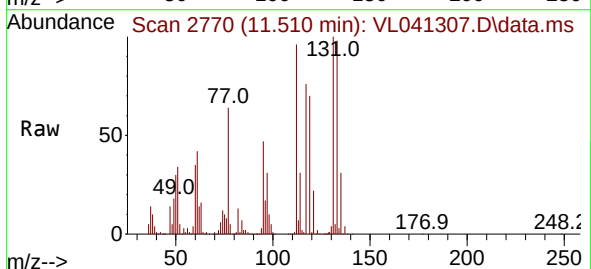
Manual Integrations
APPROVED

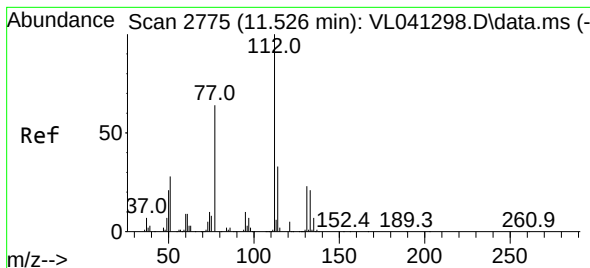
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.360 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

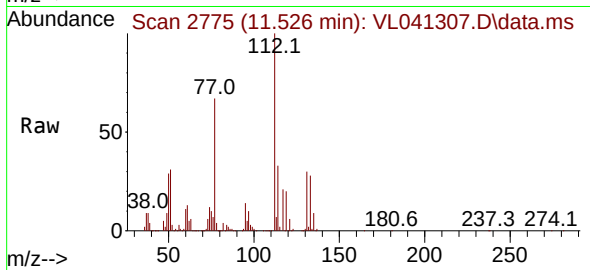
Tgt Ion:131 Resp: 996134
Ion Ratio Lower Upper
131 100
133 95.7 75.8 113.6
119 70.5 48.3 72.5





#57
Chlorobenzene
Concen: 9.069 ppbv
RT: 11.526 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

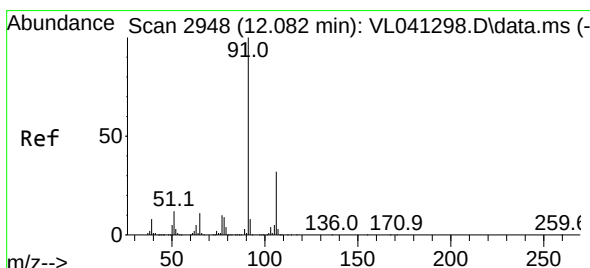
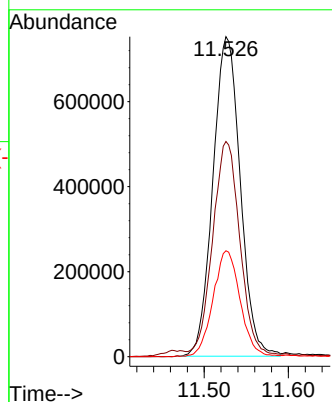
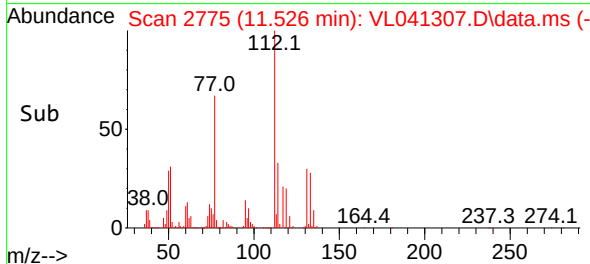
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



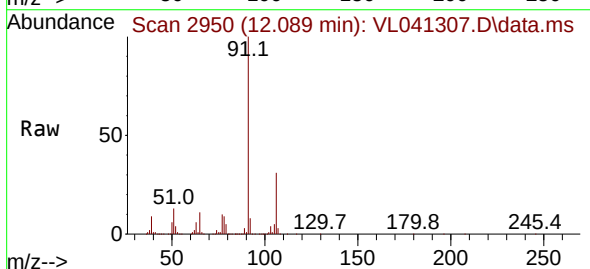
Tgt Ion:112 Resp: 169494
Ion Ratio Lower Upper
112 100
77 66.6 52.0 78.0
114 33.0 29.8 36.4

Manual Integrations
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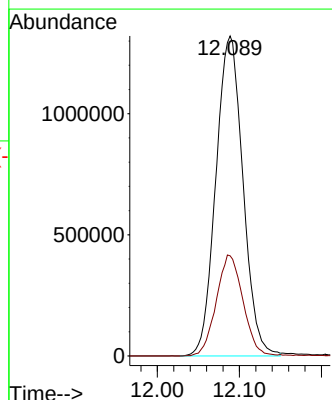
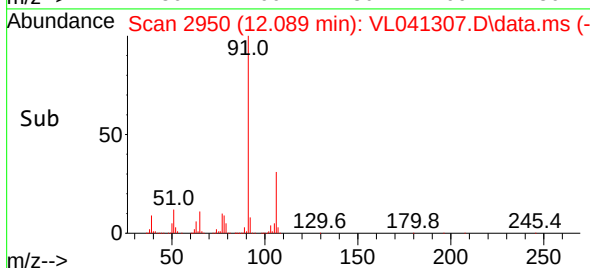
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

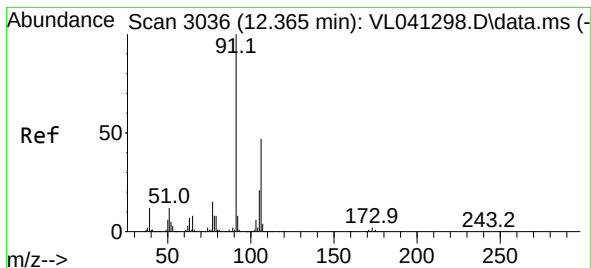


#58
Ethyl Benzene
Concen: 9.413 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.006 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion: 91 Resp: 3035730
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3





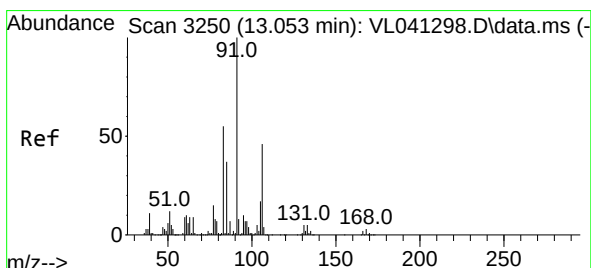
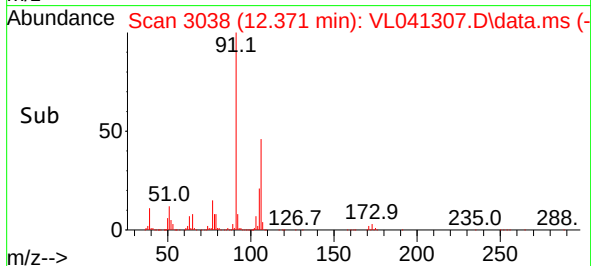
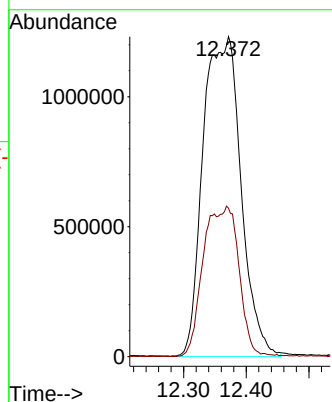
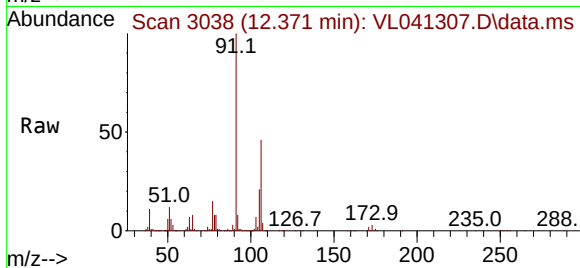
#59
m/p-Xylene
Concen: 18.648 ppbv m
RT: 12.371 min Scan# 3036
Delta R.T. 0.006 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 91 Resp: 515286
Ion Ratio Lower Upper
91 100
106 44.6 35.7 53.5

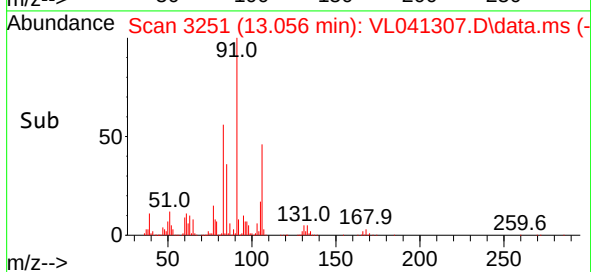
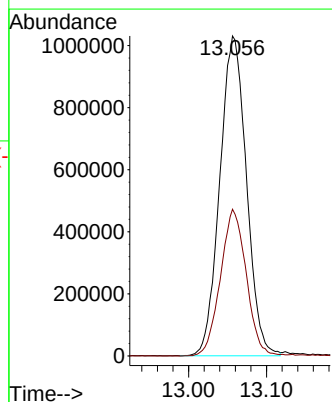
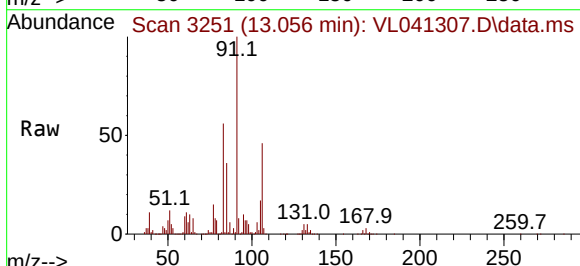
Manual Integrations
APPROVED

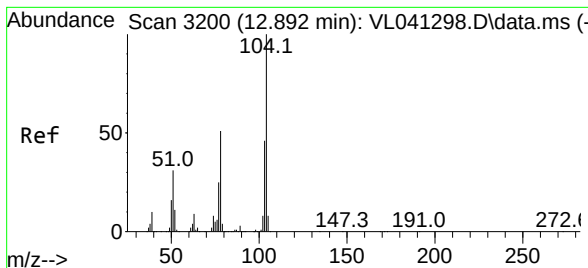
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#60
o-Xylene
Concen: 9.288 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 91 Resp: 2446828
Ion Ratio Lower Upper
91 100
106 45.0 22.8 68.4





#61

Styrene

Concen: 10.152 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion:104 Resp: 131110

Ion Ratio Lower Upper

104 100

78 52.6 42.2 63.4

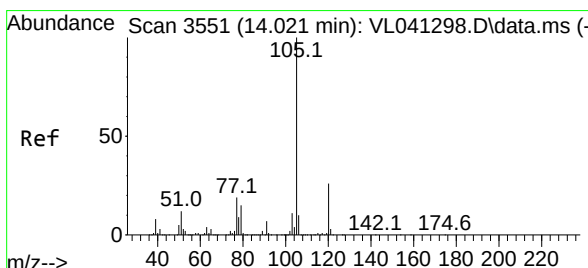
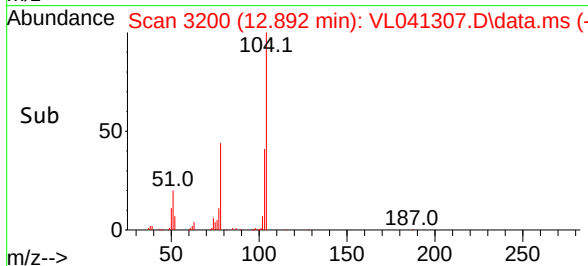
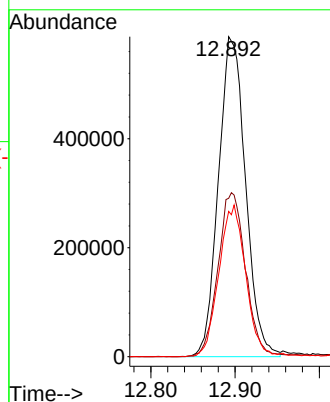
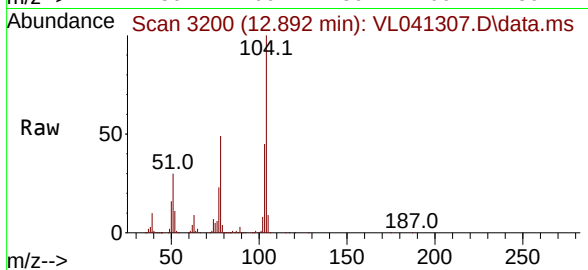
103 47.3 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#62

Isopropylbenzene

Concen: 9.226 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.006 min

Lab File: VL041307.D

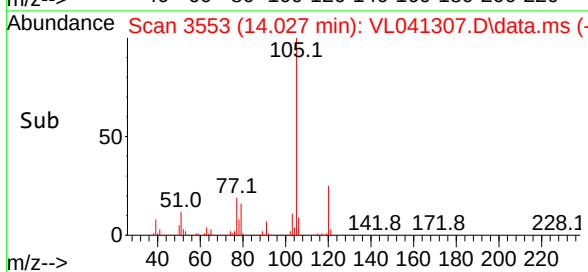
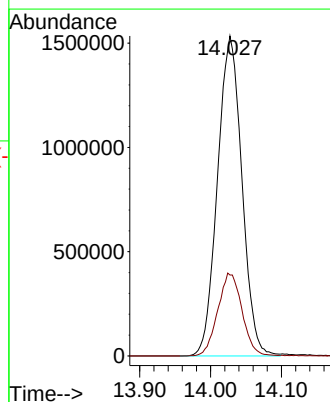
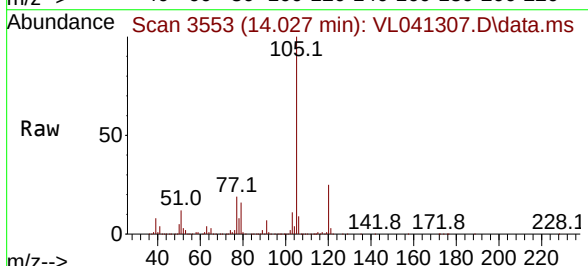
Acq: 4 Jun 2024 16:01

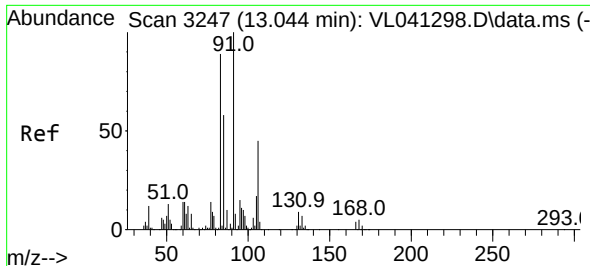
Tgt Ion:105 Resp: 3675651

Ion Ratio Lower Upper

105 100

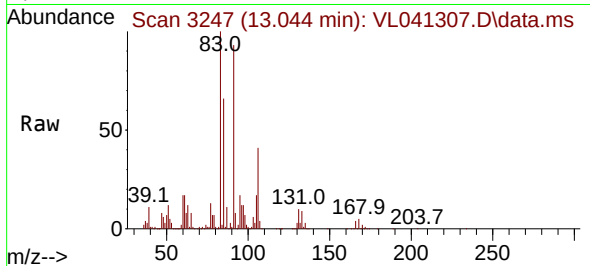
120 25.8 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 9.347 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

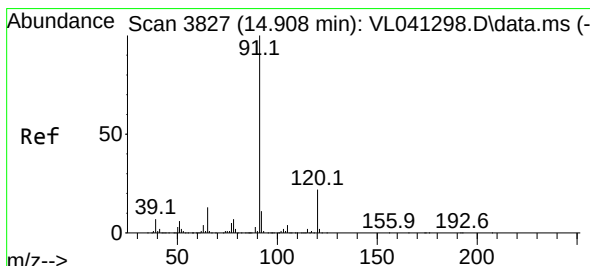
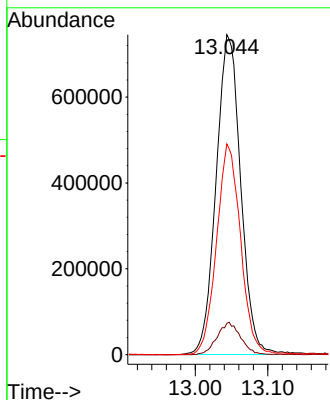
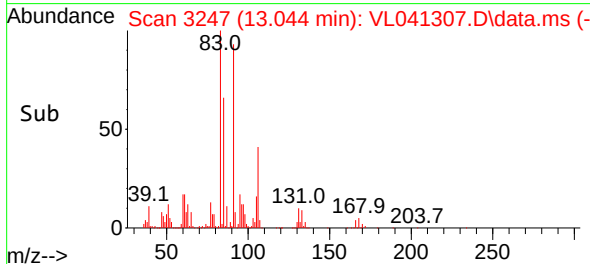
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



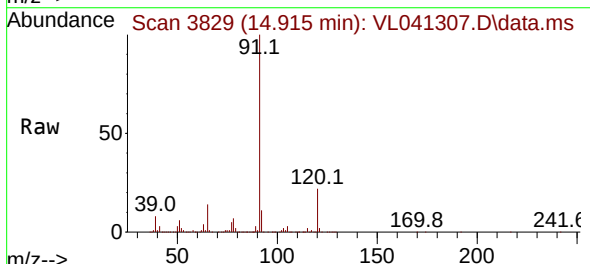
Tgt Ion: 83 Resp: 1751910
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.6 32.6 97.7

Manual Integrations
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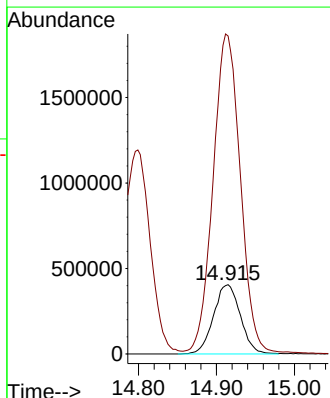
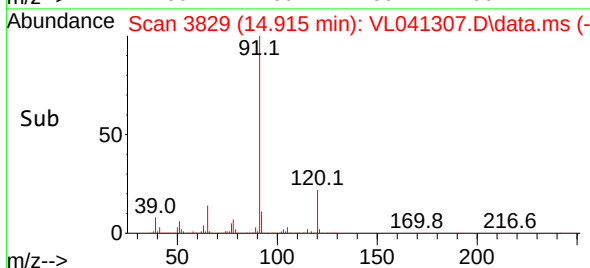
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

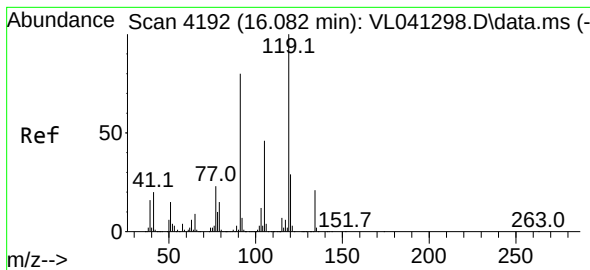


#64
n-propylbenzene
Concen: 9.421 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.007 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion:120 Resp: 967409
Ion Ratio Lower Upper
120 100
91 472.2 374.2 561.2





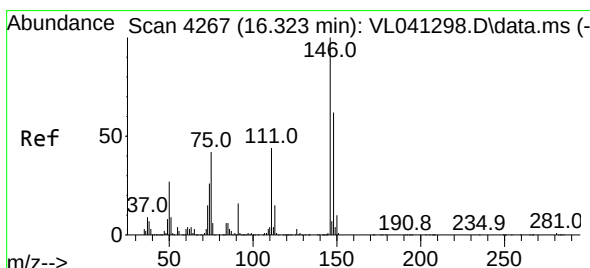
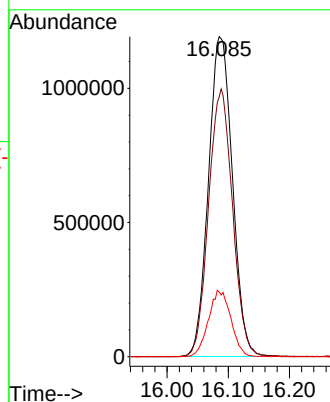
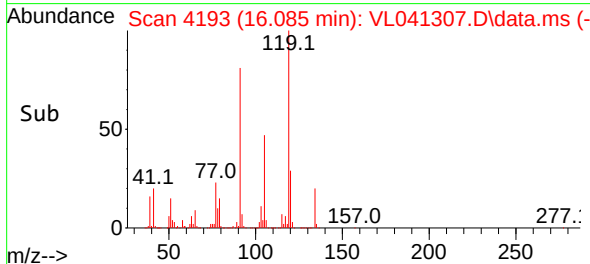
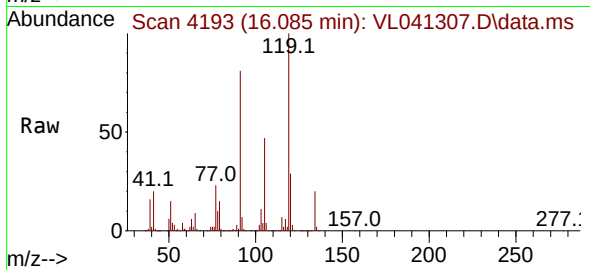
#65
tert-Butylbenzene
Concen: 9.163 ppbv
RT: 16.085 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion:119 Resp: 324541
Ion Ratio Lower Upper
119 100
91 83.8 66.5 99.7
134 19.5 15.7 23.5

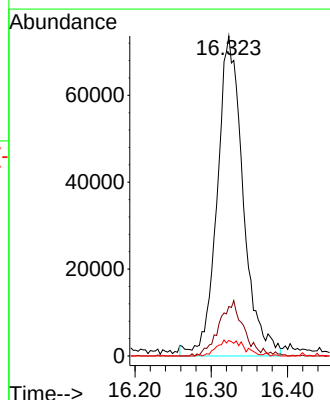
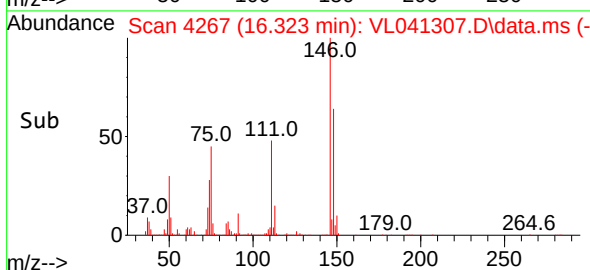
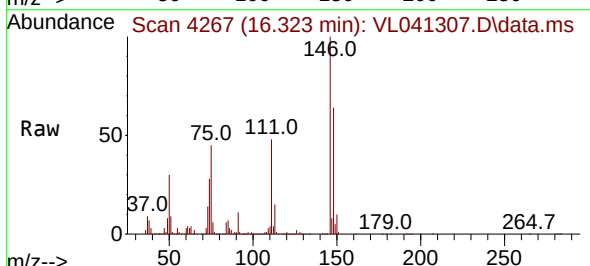
Manual Integrations
APPROVED

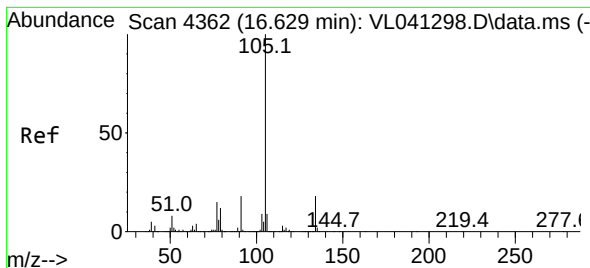
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#66
Benzyl Chloride
Concen: 7.460 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. -0.000 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

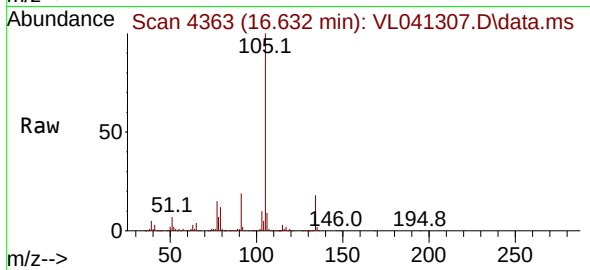
Tgt Ion: 91 Resp: 173836
Ion Ratio Lower Upper
91 100
126 16.7 13.4 20.2
128 5.3 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.228 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

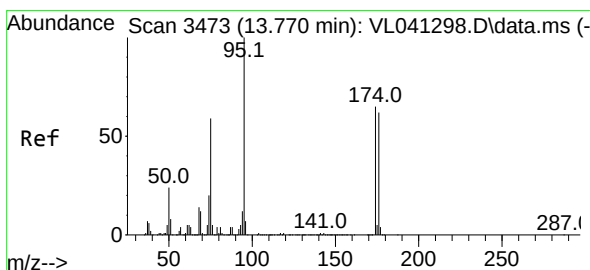
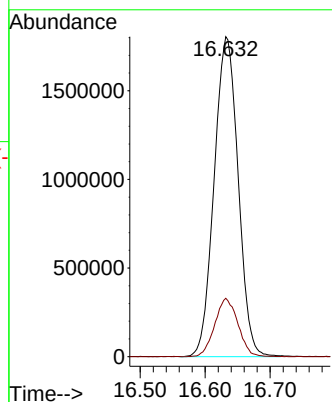
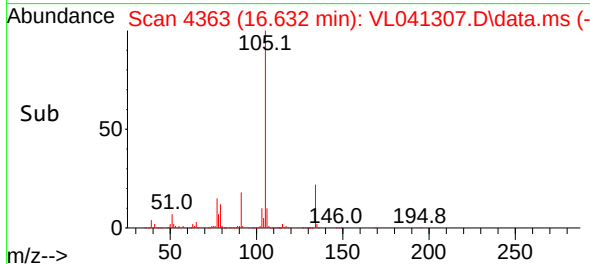
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABS01



Tgt Ion:105 Resp: 461750
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

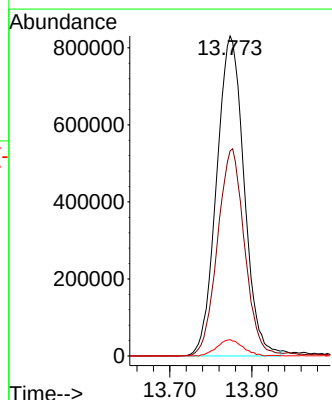
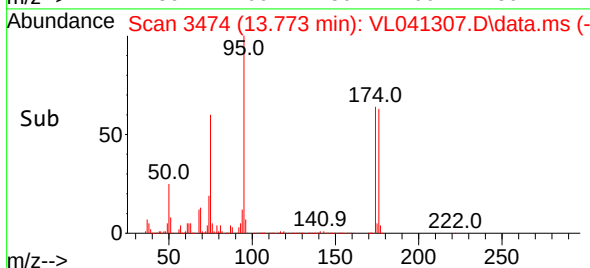
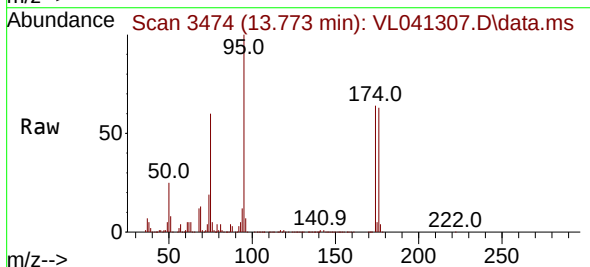
Manual Integrations
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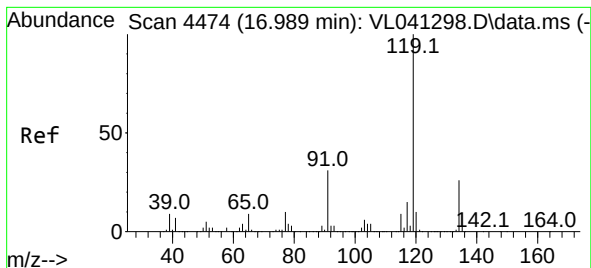
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.957 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

Tgt Ion: 95 Resp: 1934373
 Ion Ratio Lower Upper
 95 100
 174 65.0 52.2 78.2
 175 4.9 4.1 6.1





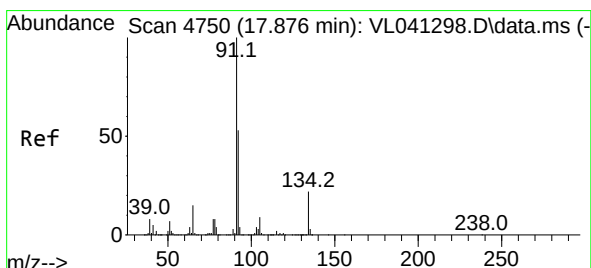
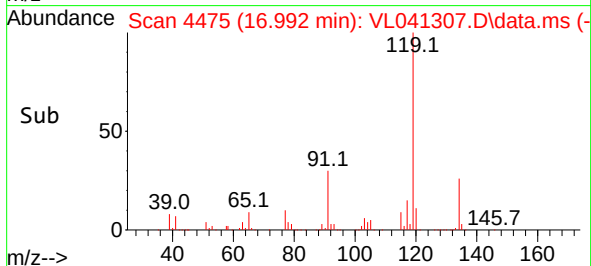
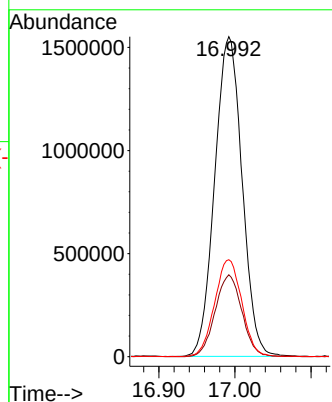
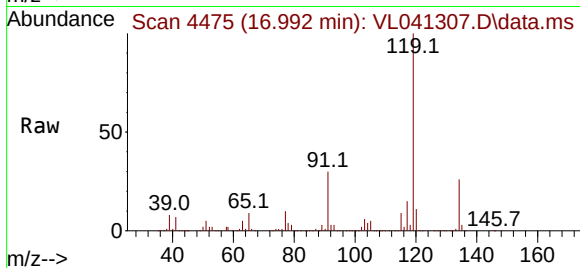
#69
p-Isopropyltoluene
Concen: 9.393 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion:119 Resp: 3873254
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 30.2 24.1 36.1

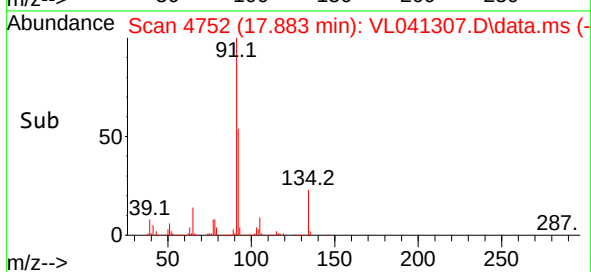
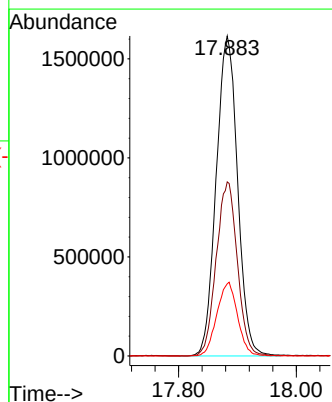
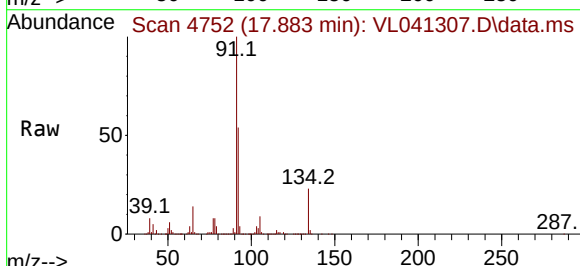
Manual Integrations
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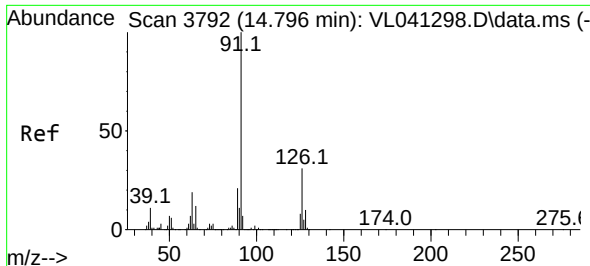
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#70
n-Butylbenzene
Concen: 9.519 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.006 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion: 91 Resp: 4072153
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 22.4 17.9 26.9





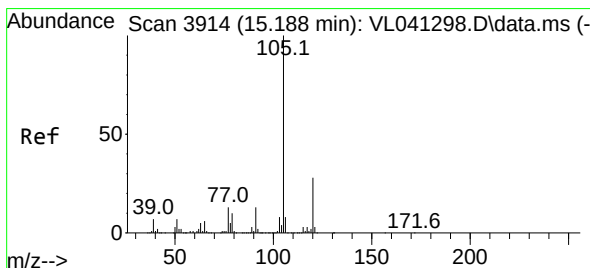
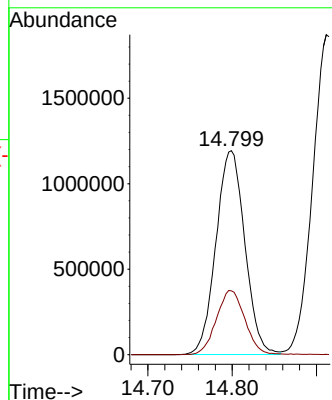
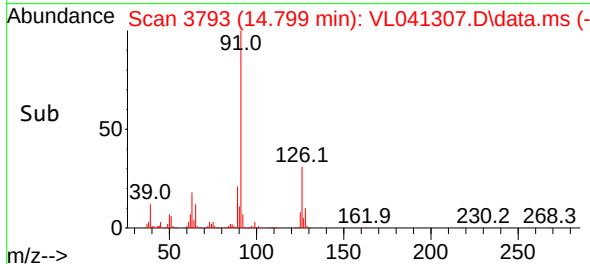
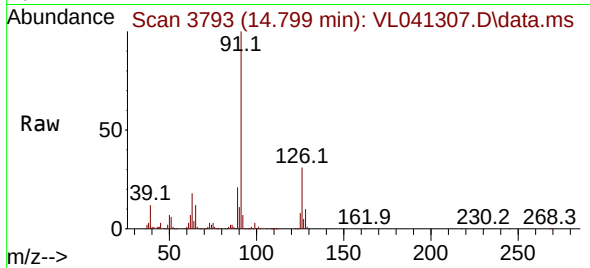
#71
2-Chlorotoluene
Concen: 9.304 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01

Tgt Ion: 91 Resp: 283700
Ion Ratio Lower Upper
91 100
126 31.1 12.4 49.8

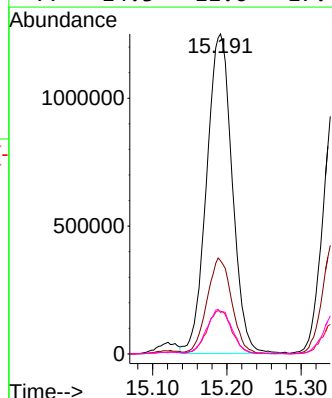
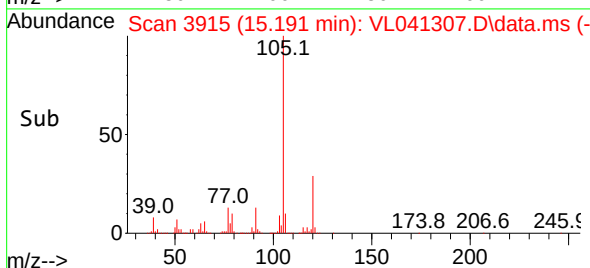
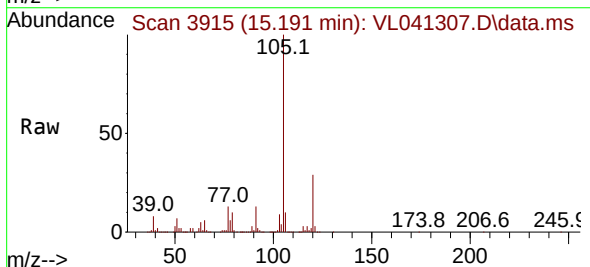
Manual Integrations
APPROVED

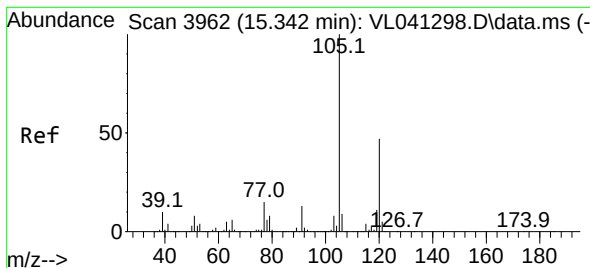
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#72
4-Ethyltoluene
Concen: 9.749 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

Tgt Ion:105 Resp: 2991820
Ion Ratio Lower Upper
105 100
120 29.2 23.7 35.5
91 13.2 10.6 16.0
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.741 ppbv

RT: 15.346 min Scan# 3962

Delta R.T. 0.003 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion:105 Resp: 2594739

Ion Ratio Lower Upper

105 100

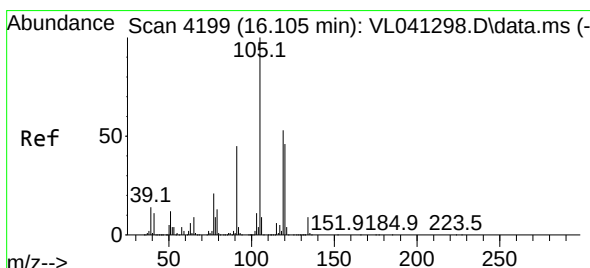
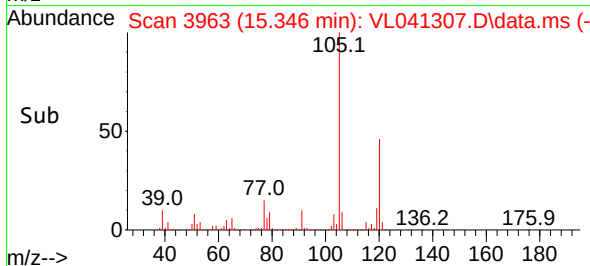
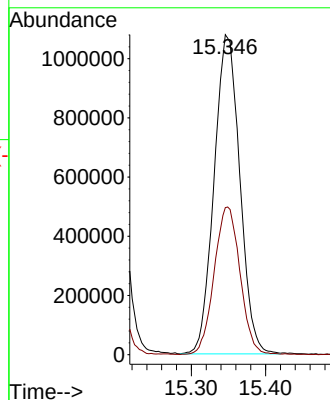
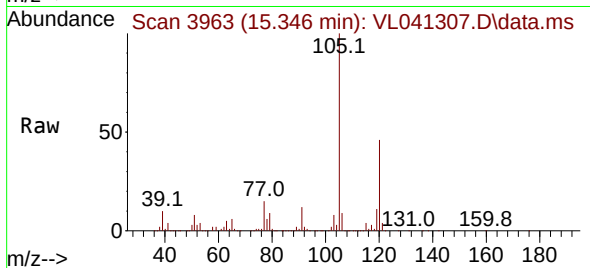
120 46.0 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.425 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. -0.000 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Tgt Ion:105 Resp: 2839068

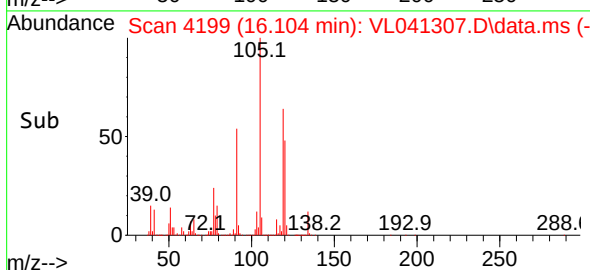
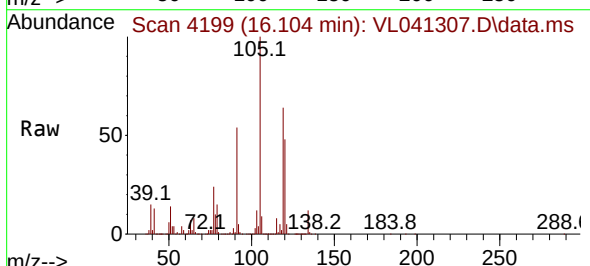
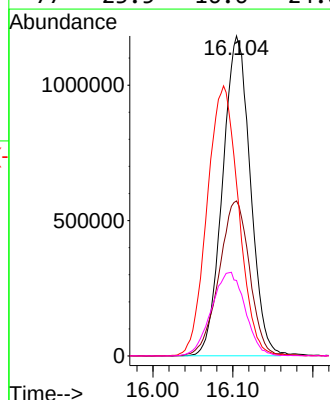
Ion Ratio Lower Upper

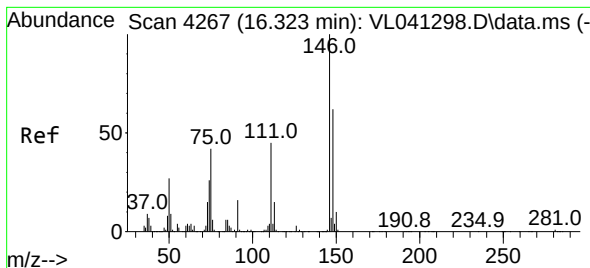
105 100

120 48.3 37.0 55.6

91 53.4 36.2 54.4

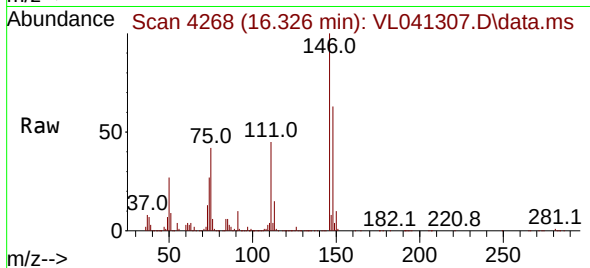
77 23.5 16.6 24.8





#75
1,3-Dichlorobenzene
Concen: 9.683 ppbv
RT: 16.326 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01

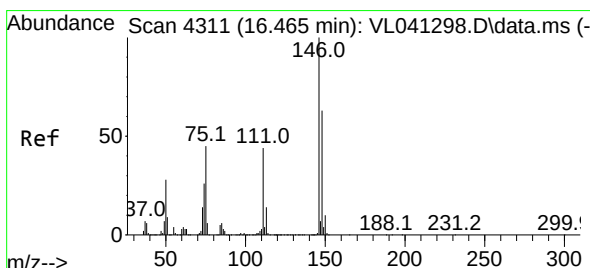
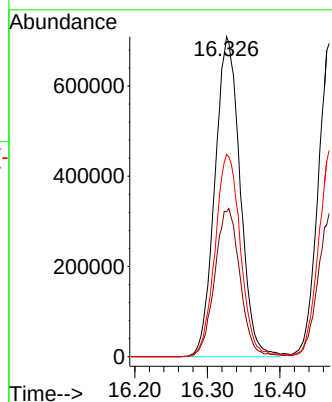
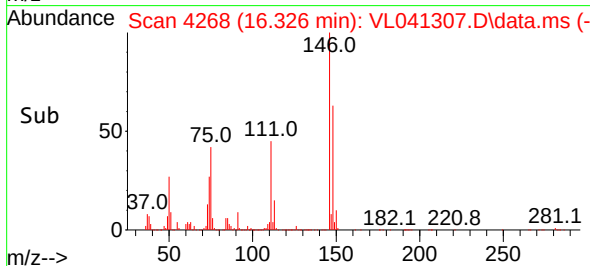
Instrument :
MSVOA_L
ClientSampleId :
VL0604ABS01



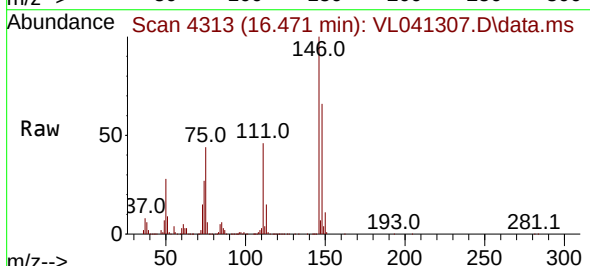
Tgt Ion:146 Resp: 1712320
Ion Ratio Lower Upper
146 100
111 46.4 23.3 69.8
148 63.8 32.2 96.6

Manual Integrations
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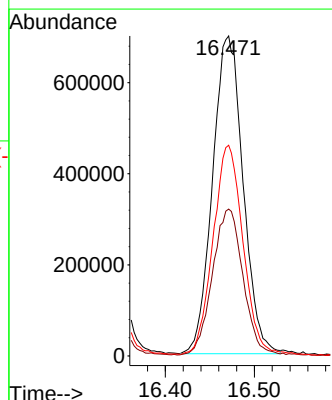
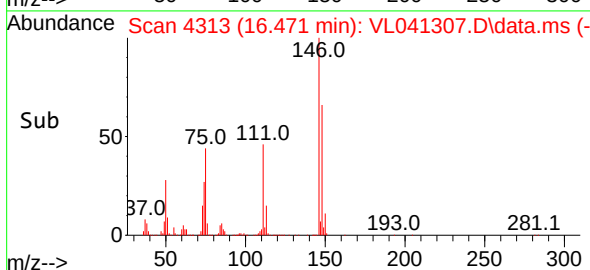
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

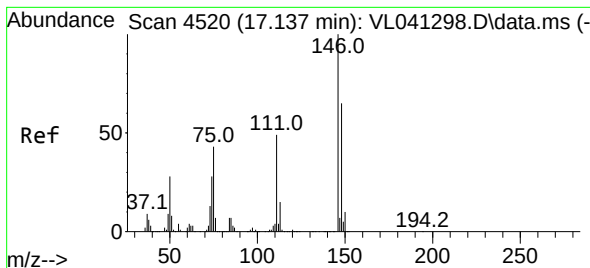


#76
1,4-Dichlorobenzene
Concen: 9.379 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.006 min
Lab File: VL041307.D
Acq: 4 Jun 2024 16:01



Tgt Ion:146 Resp: 1657286
Ion Ratio Lower Upper
146 100
111 46.9 23.3 69.9
148 66.1 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.413 ppbv

RT: 17.140 min Scan# 4520

Delta R.T. 0.003 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion:146 Resp: 166637

Ion Ratio Lower Upper

146 100

111 48.9 24.3 72.9

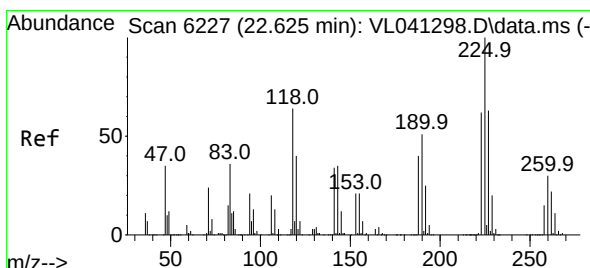
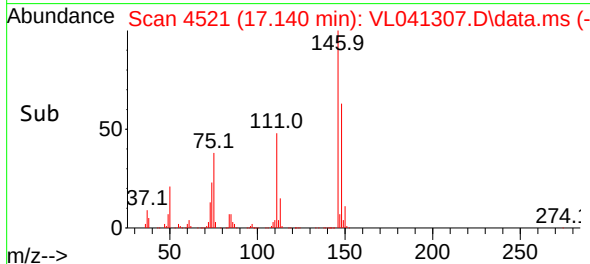
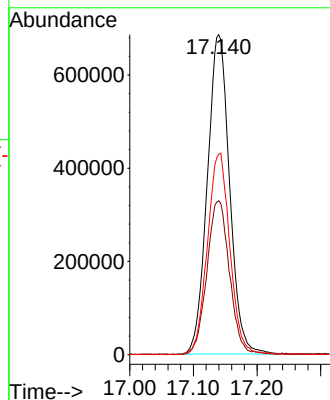
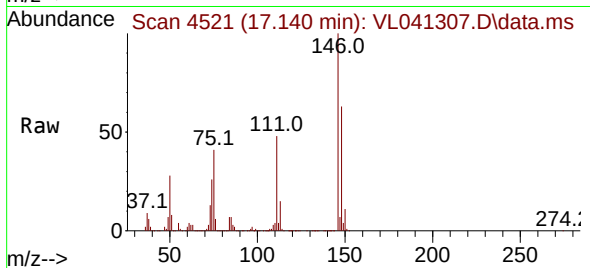
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.350 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. 0.003 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

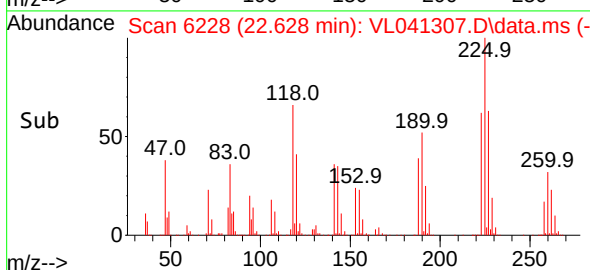
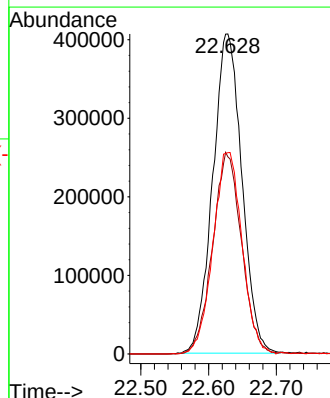
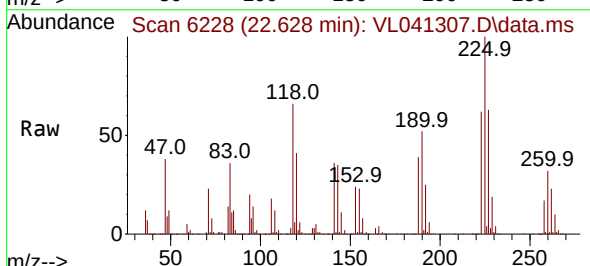
Tgt Ion:225 Resp: 1211353

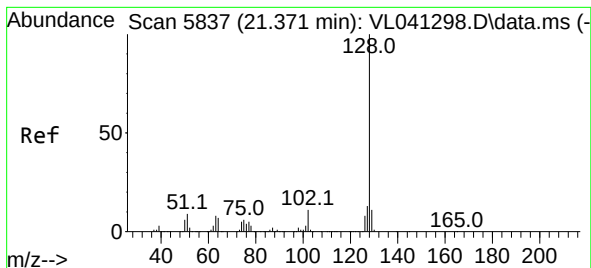
Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

227 63.6 51.1 76.7





#79

Naphthalene

Concen: 11.159 ppbv

RT: 21.378 min Scan# 5837

Delta R.T. 0.006 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

Instrument :

MSVOA_L

ClientSampleId :

VL0604ABS01

Tgt Ion:128 Resp: 291688

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

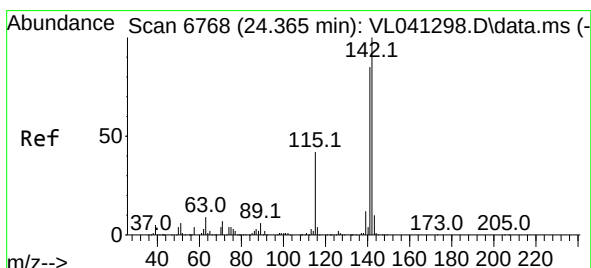
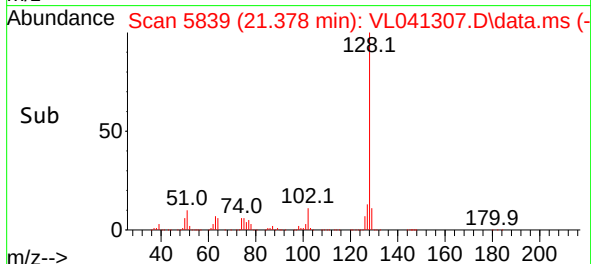
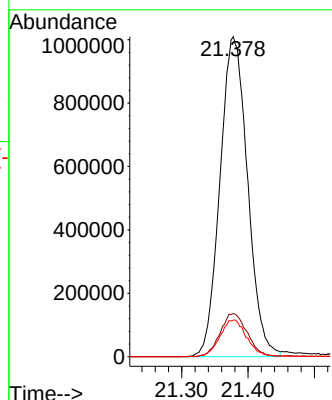
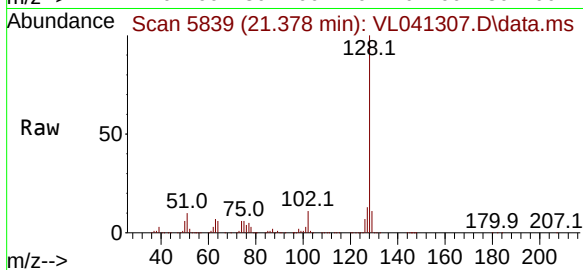
129 11.5 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#80

Naphthalene,2-methyl-

Concen: 9.641 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.006 min

Lab File: VL041307.D

Acq: 4 Jun 2024 16:01

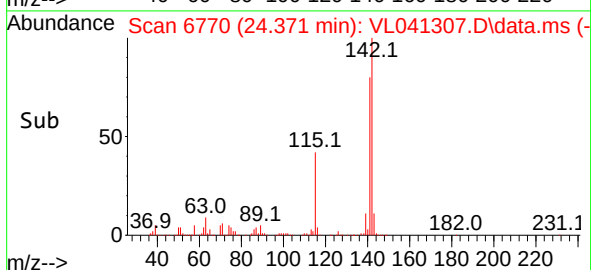
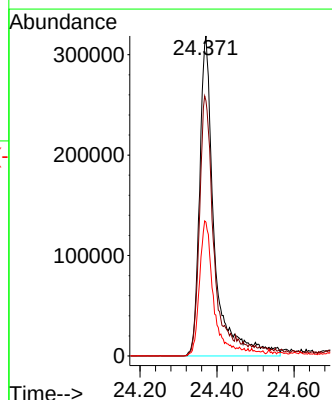
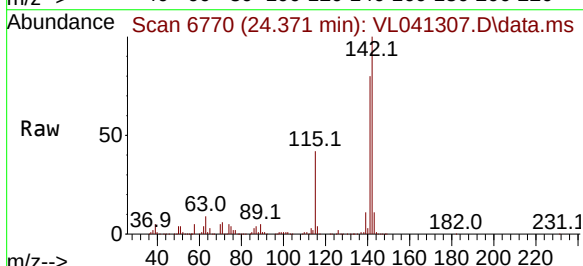
Tgt Ion:142 Resp: 851013

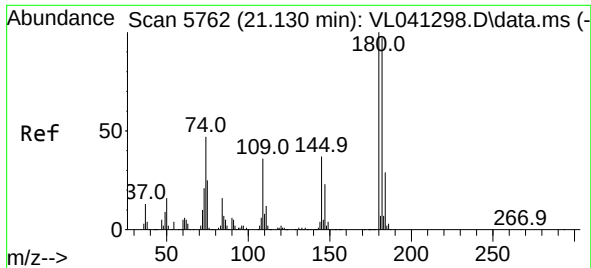
Ion Ratio Lower Upper

142 100

141 80.9 68.5 102.7

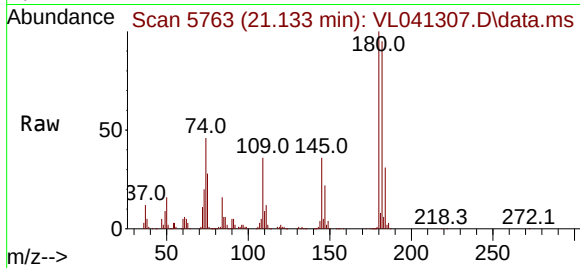
115 42.4 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.648 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041307.D
 Acq: 4 Jun 2024 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0604ABS01



Tgt Ion:180 Resp: 140625
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.0 115.6
 184 30.4 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

