

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041683.D
 Acq On : 7 Nov 2024 18:24
 Operator : SY/MD
 Sample : VL1107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Quant Time: Nov 08 03:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 11/09/2024
 Supervised By : Semsettin Yesilyurt 11/09/2024

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

Internal Standards						
1) Bromochloromethane	5.185	49	1128795	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3126174	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3072161m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	2300291	10.162	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.726	85	2133142	10.456	ppbv	98
3) Chlorodifluoromethane	2.671	51	1358036	9.234	ppbv	100
4) Chloromethane	2.809	50	739426	9.492	ppbv	96
5) Vinyl Chloride	2.915	62	715579	10.211	ppbv	98
6) Bromomethane	3.115	94	360881	9.708	ppbv	99
7) Chloroethane	3.192	64	255796	10.001	ppbv	94
8) Dichlorotetrafluoroethane	2.854	85	1714914	9.416	ppbv	99
9) Propene	2.690	41	599297	9.352	ppbv	100
10) Heptane	7.571	43	1503499	10.470	ppbv	100
11) Trichlorofluoromethane	3.558	101	1686292	9.489	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	1233736	9.551	ppbv	99
13) Ethanol	3.250	45	29777m	7.588	ppbv	
14) Bromoethene	3.362	108	501745	9.663	ppbv	98
15) Acetone	3.462	43	1258503	9.059	ppbv	100
16) 1,3-Butadiene	2.980	39	714485	10.193	ppbv	99
17) tert-Butyl alcohol	3.874	59	1171221	9.608	ppbv	100
18) 1,1-Dichloroethene	3.874	96	550010	9.709	ppbv	97
19) Isopropyl Alcohol	3.571	45	604518	9.104	ppbv #	98
20) Methylene Chloride	3.928	84	457424	8.948	ppbv	98
21) Allyl Chloride	3.993	41	833757	9.712	ppbv	97
22) trans-1,2-Dichloroethene	4.439	96	528381	9.380	ppbv	97
23) Vinyl Acetate	4.620	43	593962	9.699	ppbv	97
24) 1,1-Dichloroethane	4.558	63	1150120	9.148	ppbv	99
25) Ethyl Acetate	5.198	43	2812437	9.780	ppbv	100
26) Hexane	5.208	57	1107924	10.028	ppbv	99
27) Carbon Disulfide	4.118	76	1322486	10.655	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	647697	9.104	ppbv	100
29) Chloroform	5.269	83	1738610	9.534	ppbv	99
30) Cyclohexane	6.594	84	935328	9.943	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1066172	10.032	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1706831	10.259	ppbv	100
34) 2-Butanone	4.780	43	1558779	10.014	ppbv	99
35) Carbon Tetrachloride	6.488	117	1799316	10.909	ppbv	99
36) Benzene	6.365	78	2351635	10.153	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1305458	9.990	ppbv	99
38) Trichloroethene	7.285	130	958369	10.773	ppbv	98
39) 1,2-Dichloropropane	7.070	63	918548	10.035	ppbv	96
40) 1,4-Dioxane	7.282	88	306141	9.322	ppbv	71
41) Tetrahydrofuran	5.549	42	931440	10.478	ppbv	100
42) Bromodichloromethane	7.243	83	1863473	10.262	ppbv	98
43) Methyl Methacrylate	7.468	69	933637	11.480	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	3949724	10.067	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	880458	11.848	ppbv	99

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Manual Integrations
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Reviewed By : Mahesh Dadoda 11/09/2024
 Supervised By : Semsettin Yesilyurt 11/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1229071	11.515	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	987685	9.970	ppbv	98
48) Dibromochloromethane	9.703	129	1630376	10.826	ppbv	99
49) Bromoform	12.401	173	1455608	11.297	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2571671	10.762	ppbv	100
51) 2-Hexanone	9.542	43	1998257	11.483	ppbv	100
52) Tetrachloroethene	10.610	164	879019	11.136	ppbv	96
53) Toluene	9.214	91	2735661	11.231	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1309588	11.314	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.500	131	1243563	9.815	ppbv	99
57) Chlorobenzene	11.520	112	2179178	9.591	ppbv	99
58) Ethyl Benzene	12.082	91	3728449	11.070	ppbv	98
59) m/p-Xylene	12.365	91	6395484m	21.205	ppbv	
60) o-Xylene	13.053	91	3062960	10.650	ppbv	100
61) Styrene	12.889	104	1481910	12.484	ppbv	100
62) Isopropylbenzene	14.021	105	4558228	10.262	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	2147383	10.150	ppbv	100
64) n-propylbenzene	14.912	120	1241910	10.681	ppbv	100
65) tert-Butylbenzene	16.082	119	4096195	10.261	ppbv	100
66) Benzyl Chloride	16.320	91	355379	11.572	ppbv	98
67) sec-Butylbenzene	16.629	105	5794246	10.298	ppbv	100
69) p-Isopropyltoluene	16.989	119	4835968	10.631	ppbv	100
70) n-Butylbenzene	17.879	91	4962037	10.661	ppbv	100
71) 2-Chlorotoluene	14.793	91	3445507	10.731	ppbv	100
72) 4-Ethyltoluene	15.185	105	3711135	11.099	ppbv	99
73) 1,3,5-Trimethylbenzene	15.343	105	3178195	10.832	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3520719	10.330	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	2160341	10.235	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	2076558	10.196	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2104681	10.065	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1379912	8.344	ppbv	99
79) Naphthalene	21.374	128	2624137	12.474	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	350949	7.653	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1353417	10.230	ppbv	100

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

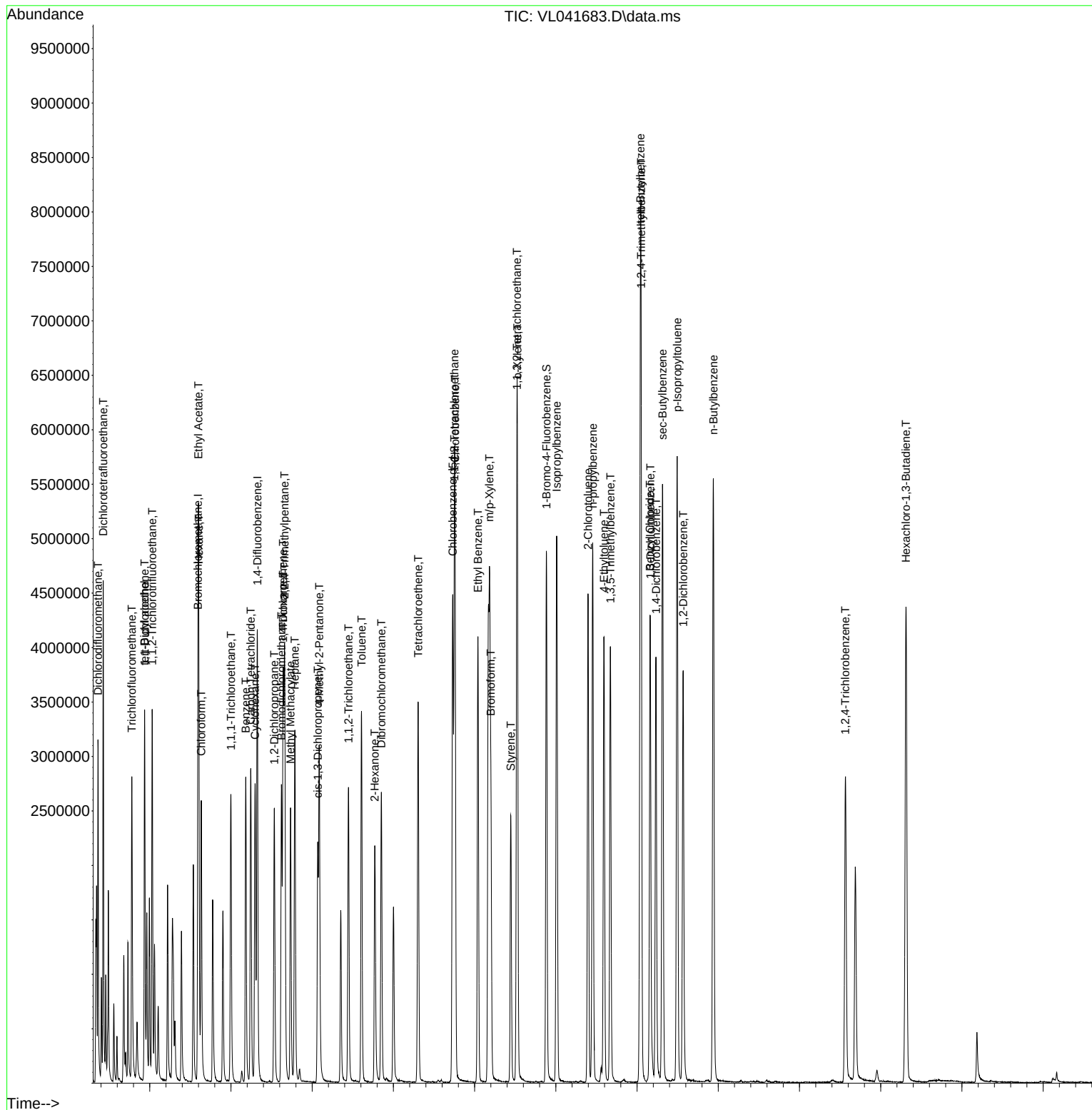
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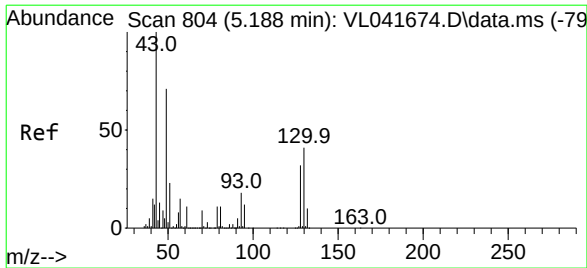
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

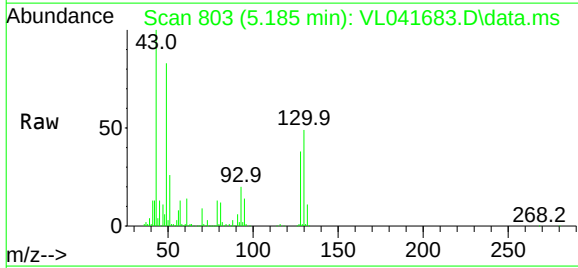
Quant Time: Nov 08 03:51:49 2024
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QLast Update : Fri Nov 08 01:01:00 2024
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

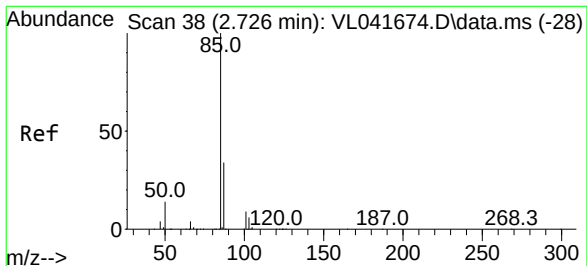
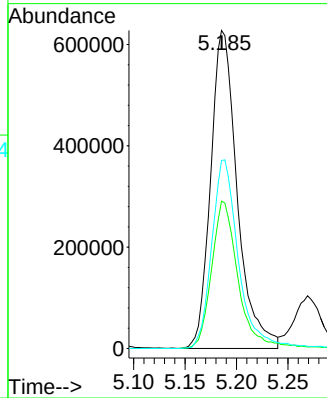
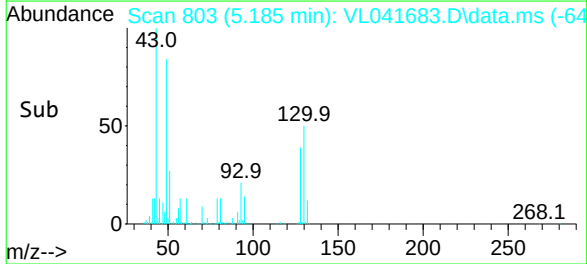
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 49 Resp: 1128795
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.2
130 60.6 30.1 90.5

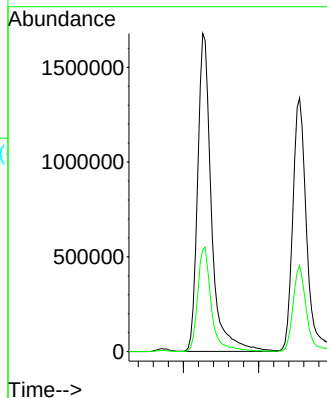
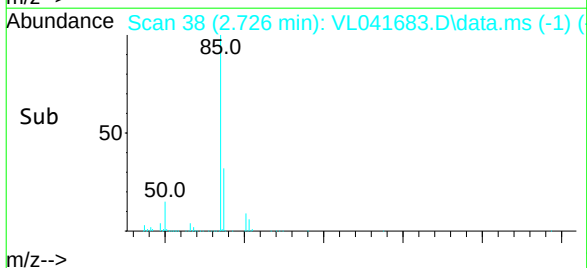
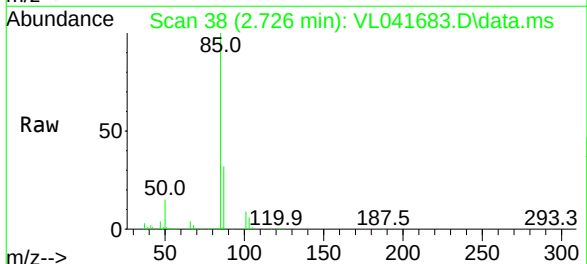
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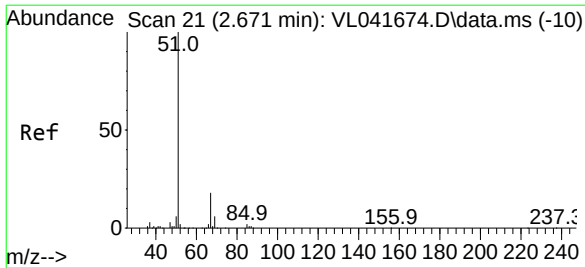
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 10.456 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

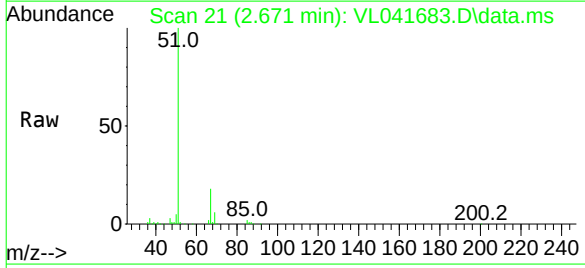
Tgt Ion: 85 Resp: 2133142
Ion Ratio Lower Upper
85 100
87 32.2 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.234 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

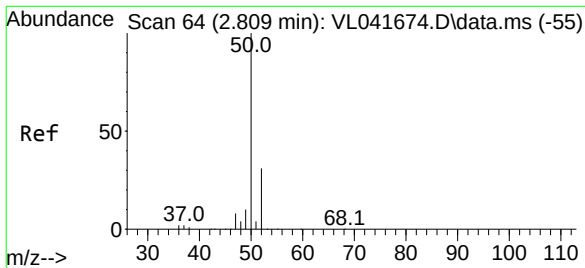
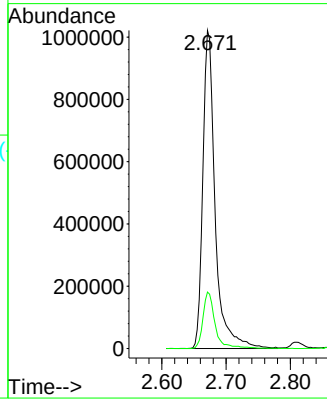
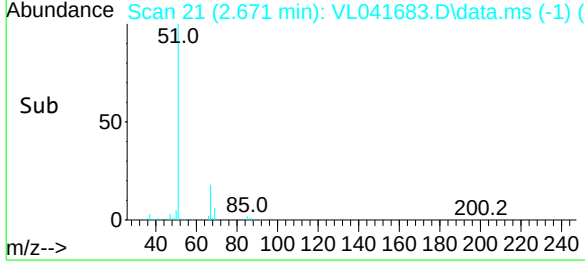
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 51 Resp: 1358036
Ion Ratio Lower Upper
51 100
67 17.6 13.9 20.9

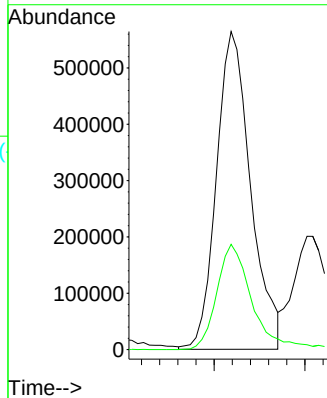
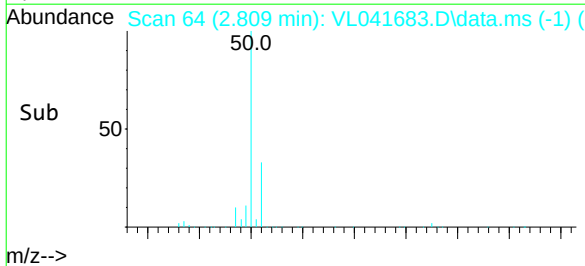
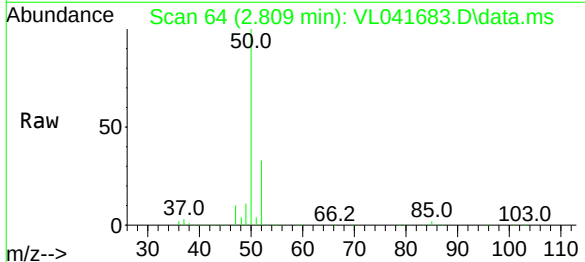
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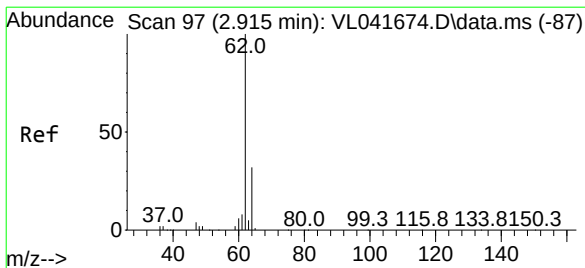
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 9.492 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 50 Resp: 739426
Ion Ratio Lower Upper
50 100
52 33.4 24.9 37.3





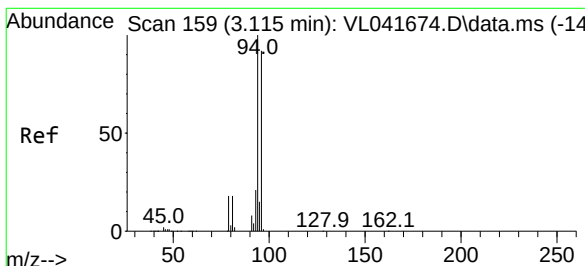
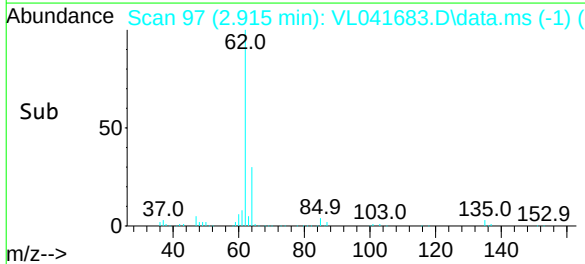
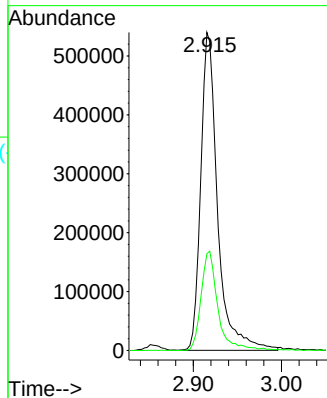
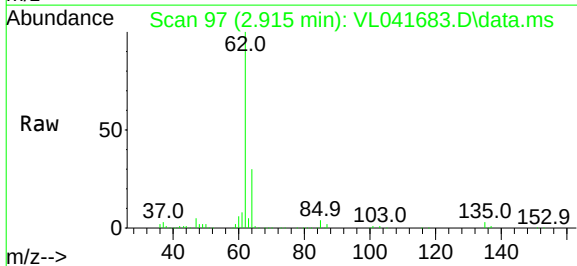
#5
Vinyl Chloride
Concen: 10.211 ppbv
RT: 2.915 min Scan# 97
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 62 Resp: 715579
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2

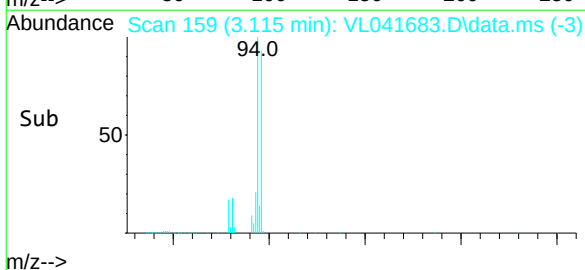
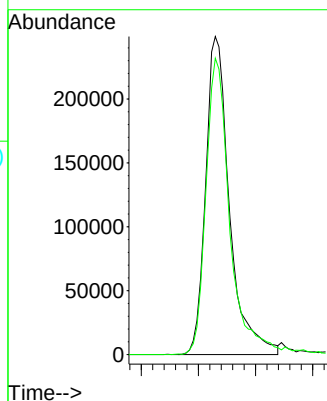
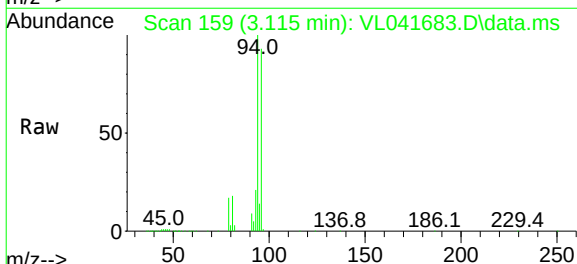
Manual Integrations
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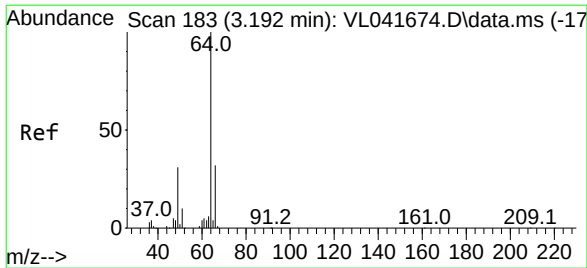
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#6
Bromomethane
Concen: 9.708 ppbv
RT: 3.115 min Scan# 159
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

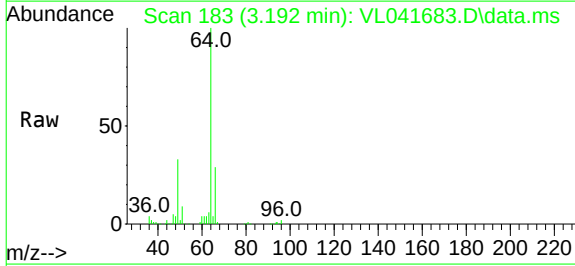
Tgt Ion: 94 Resp: 360881
Ion Ratio Lower Upper
94 100
96 93.0 73.4 110.2





#7
Chloroethane
Concen: 10.001 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

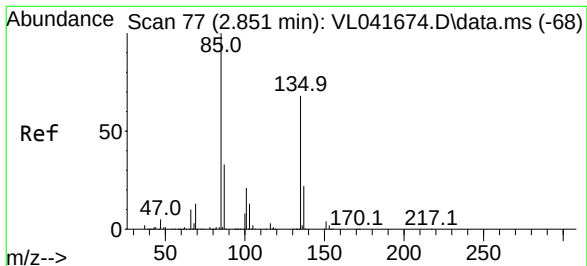
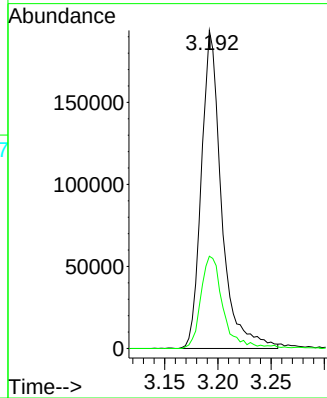
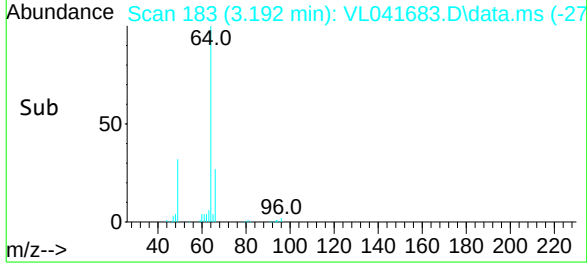
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 64 Resp: 255796
Ion Ratio Lower Upper
64 100
66 29.0 25.9 38.9

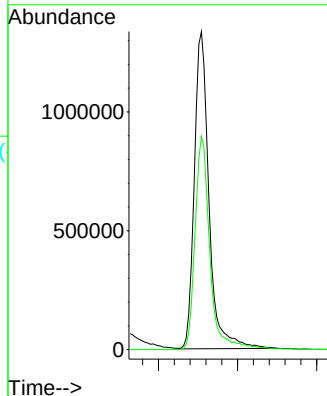
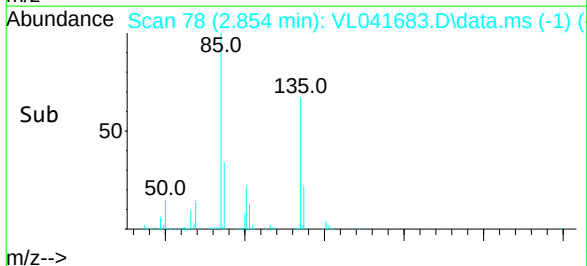
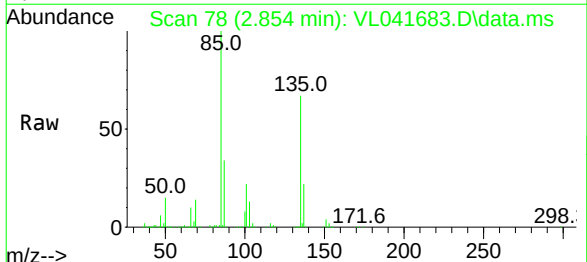
Manual Integrations
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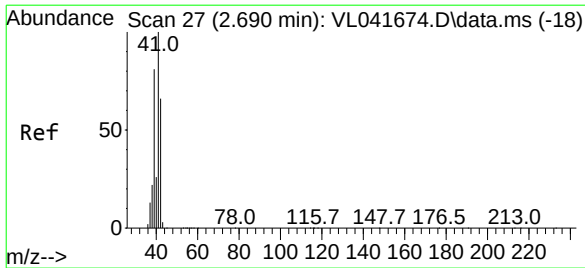
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.416 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 85 Resp: 1714914
Ion Ratio Lower Upper
85 100
135 68.3 55.5 83.3





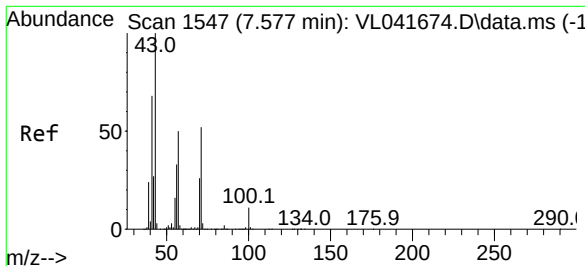
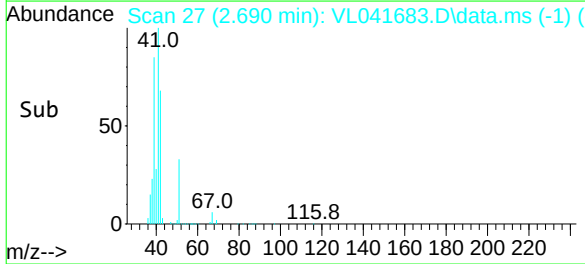
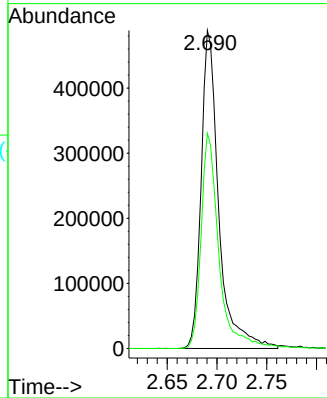
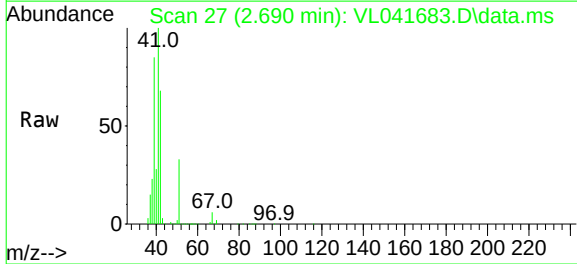
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Propene
Concen: 9.352 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
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ClientSampleId :
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Tgt Ion: 41 Resp: 599297
Ion Ratio Lower Upper
41 100
42 68.8 55.0 82.4

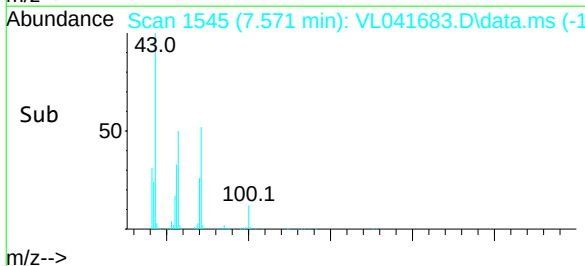
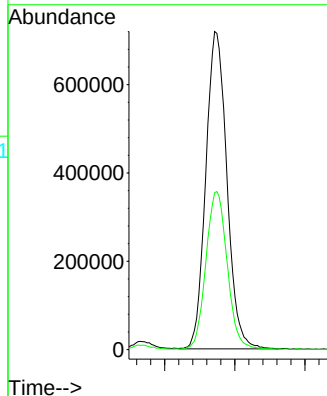
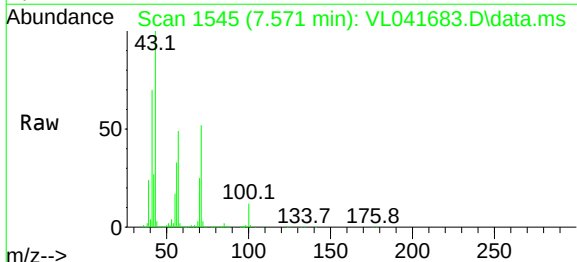
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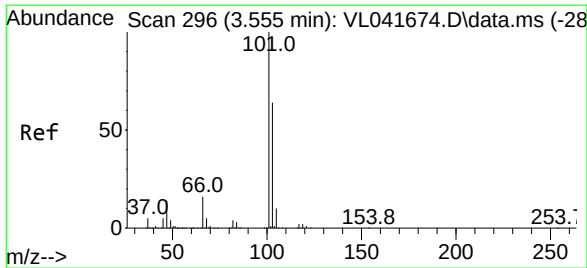
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#10
Heptane
Concen: 10.470 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 43 Resp: 1503499
Ion Ratio Lower Upper
43 100
57 50.3 40.0 60.0





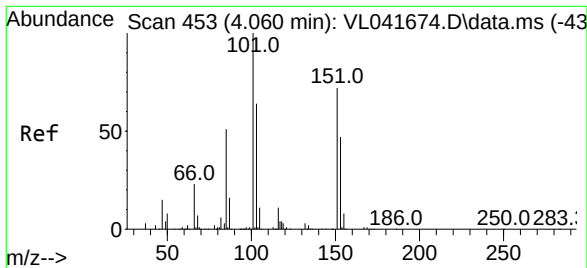
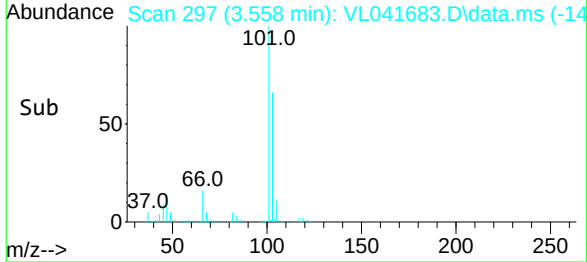
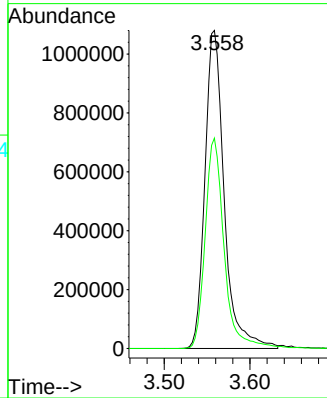
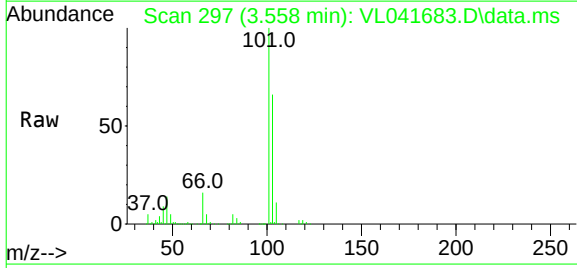
#11
 Trichlorofluoromethane
 Concen: 9.489 ppbv
 RT: 3.558 min Scan# 296
 Delta R.T. 0.003 min
 Lab File: VL041683.D
 Acq: 7 Nov 2024 18:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Tgt Ion:101 Resp: 1686292
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.0 76.6

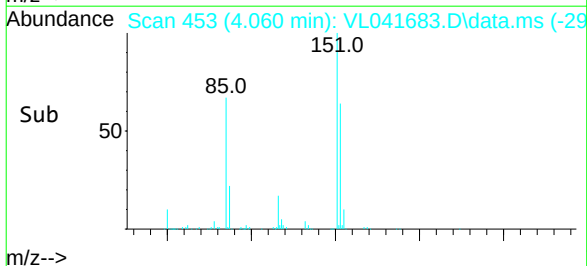
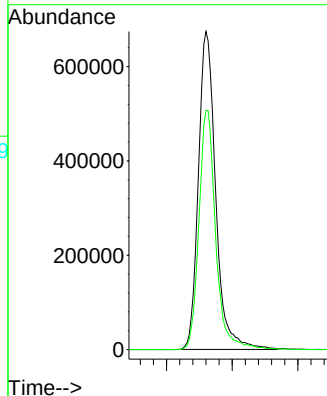
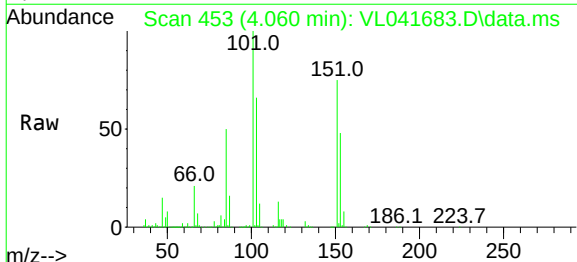
Manual Integrations
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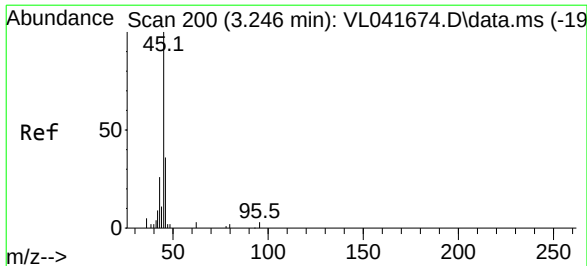
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.551 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL041683.D
 Acq: 7 Nov 2024 18:24

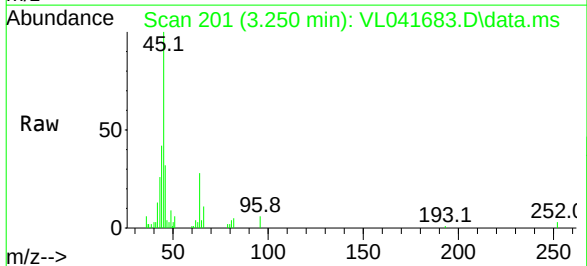
Tgt Ion:101 Resp: 1233736
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.1 88.7





#13
Ethanol
Concen: 7.588 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

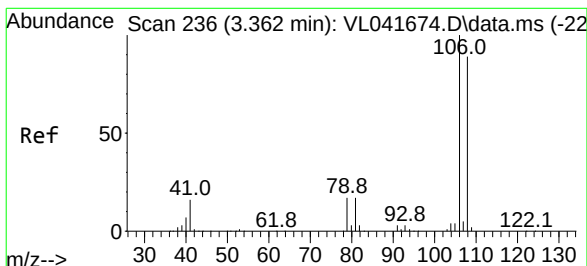
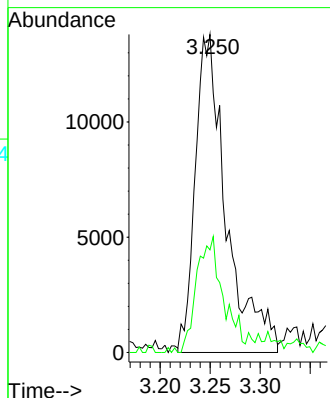
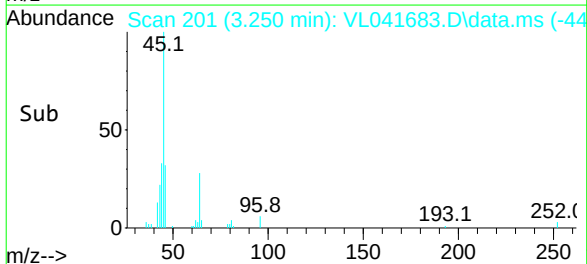
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 45 Resp: 29777
Ion Ratio Lower Upper
45 100
46 32.6 13.8 55.2

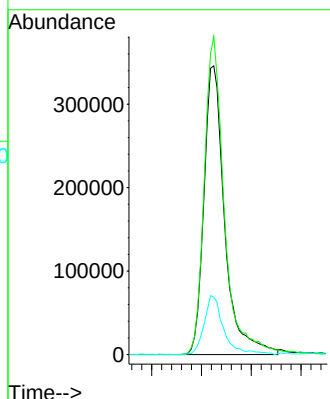
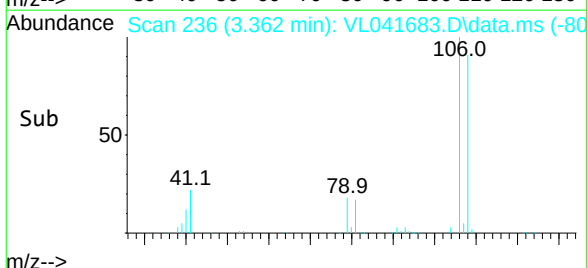
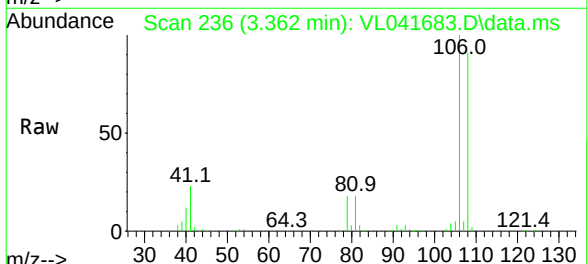
Manual Integrations
APPROVED

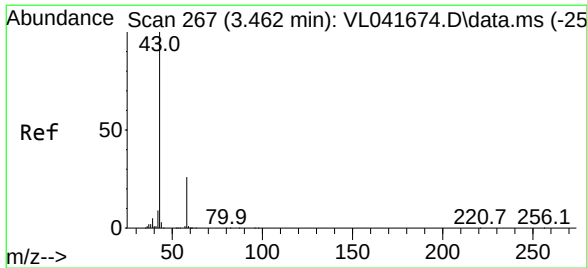
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#14
Bromoethene
Concen: 9.663 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

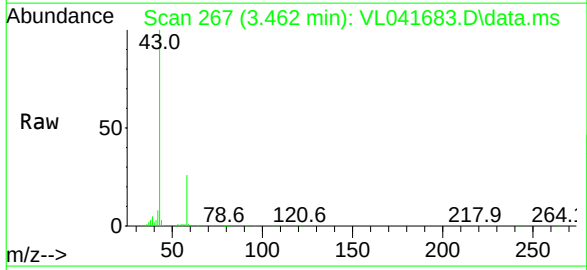
Tgt Ion:108 Resp: 501745
Ion Ratio Lower Upper
108 100
106 107.9 88.6 133.0
79 19.7 15.6 23.4





#15
Acetone
Concen: 9.059 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

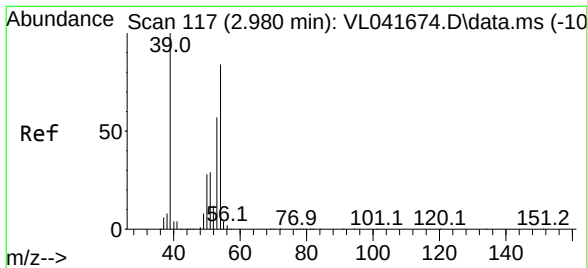
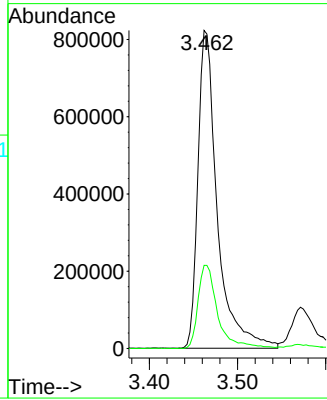
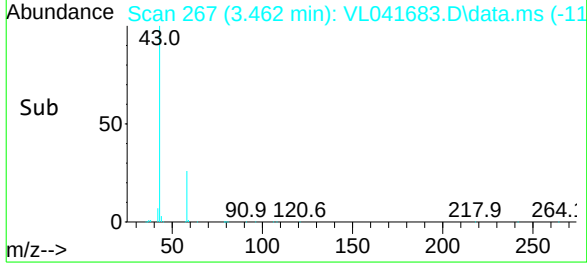
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 43 Resp: 1258503
Ion Ratio Lower Upper
43 100
58 26.6 21.4 32.0

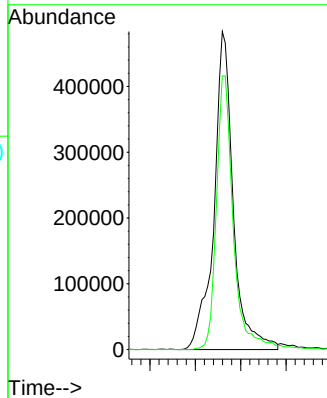
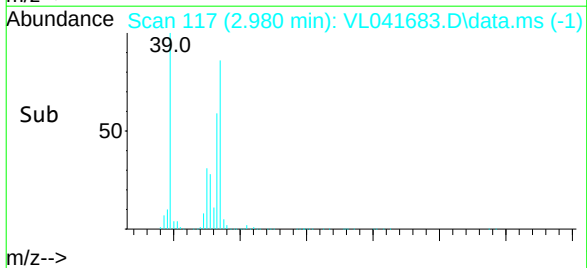
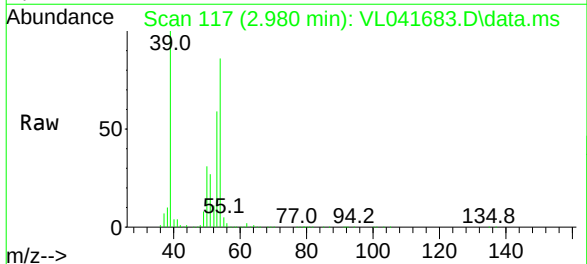
Manual Integrations
APPROVED

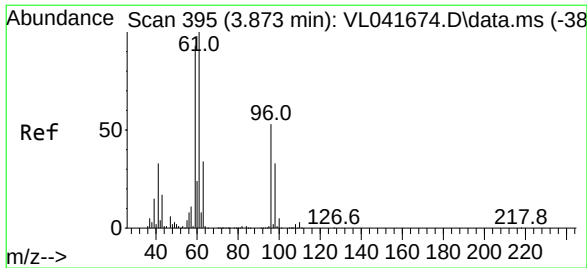
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 10.193 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

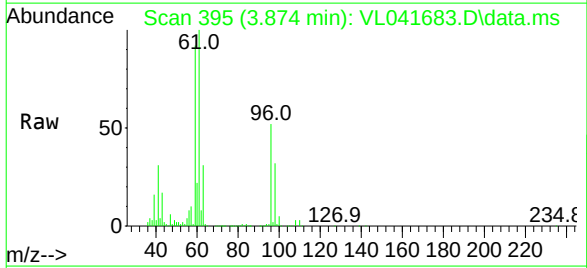
Tgt Ion: 39 Resp: 714485
Ion Ratio Lower Upper
39 100
54 75.8 61.3 91.9





#17
tert-Butyl alcohol
Concen: 9.608 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

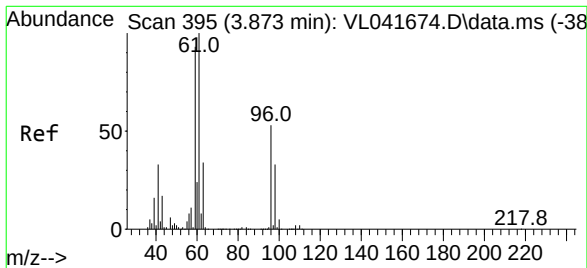
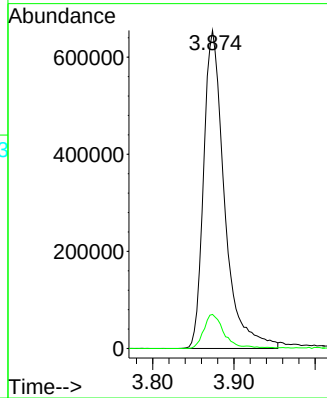
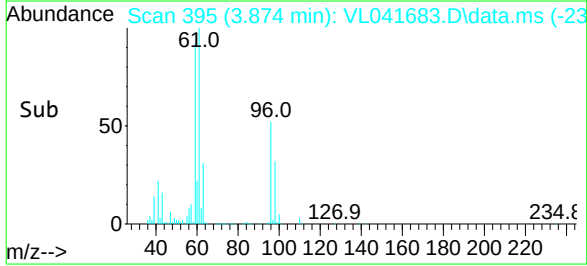
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



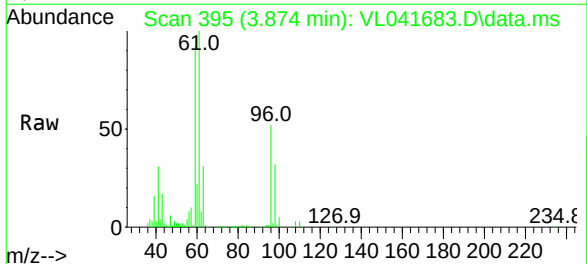
Tgt Ion: 59 Resp: 1171221
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

Manual Integrations
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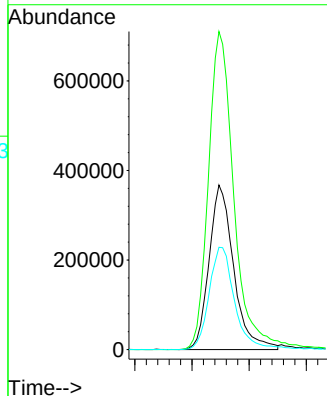
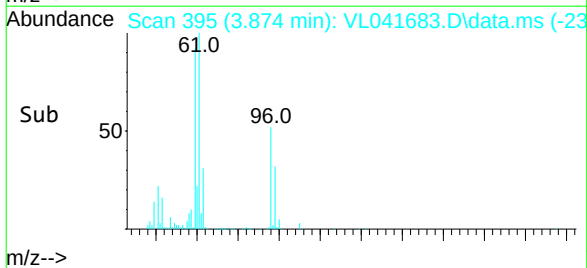
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

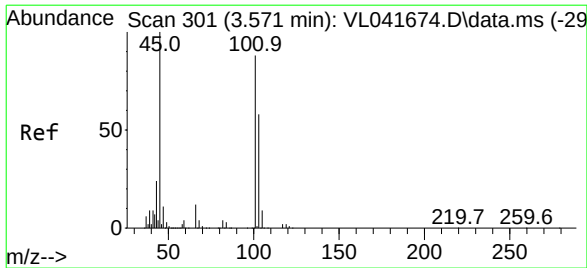


#18
1,1-Dichloroethene
Concen: 9.709 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24



Tgt Ion: 96 Resp: 550010
Ion Ratio Lower Upper
96 100
61 193.2 150.7 226.1
98 62.2 49.4 74.2





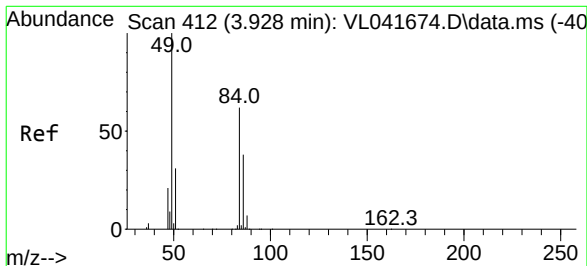
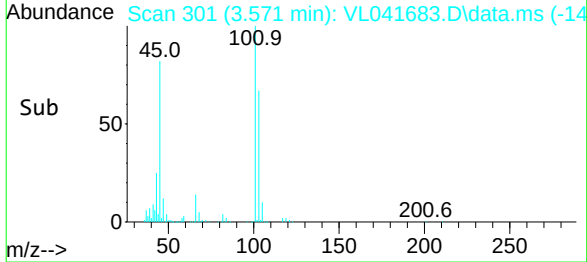
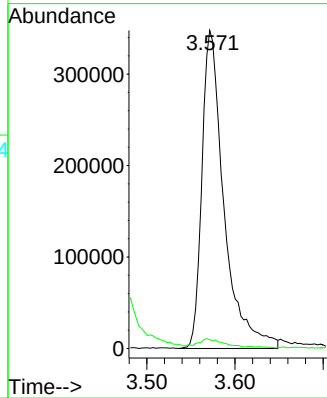
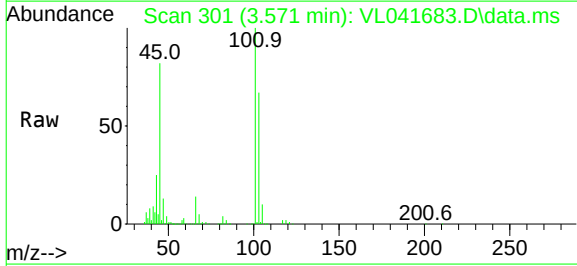
#19
Isopropyl Alcohol
Concen: 9.104 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 45 Resp: 604518
Ion Ratio Lower Upper
45 100
58 3.8 2.5 3.7#

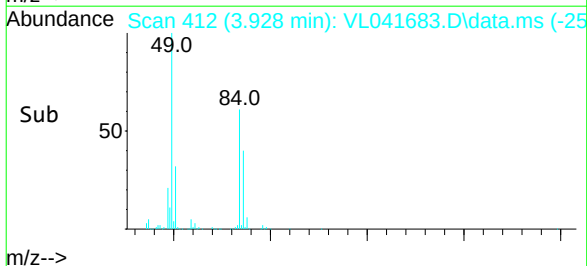
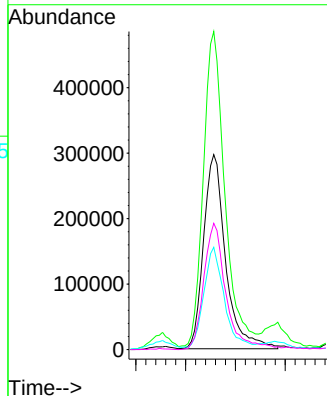
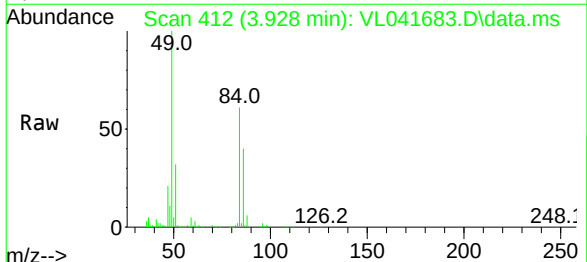
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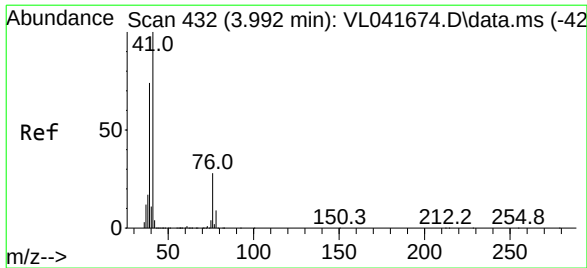
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#20
Methylene Chloride
Concen: 8.948 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 84 Resp: 457424
Ion Ratio Lower Upper
84 100
49 162.3 129.7 194.5
51 51.3 39.8 59.6
86 65.0 49.1 73.7





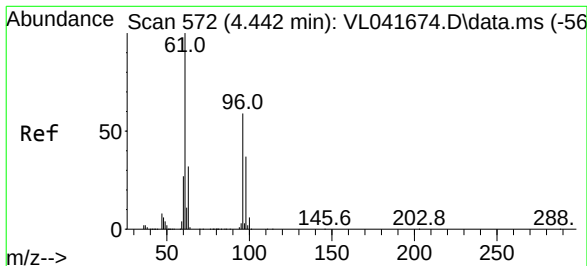
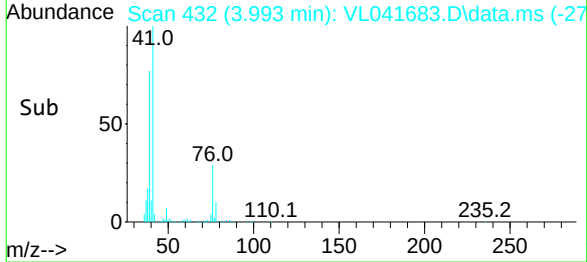
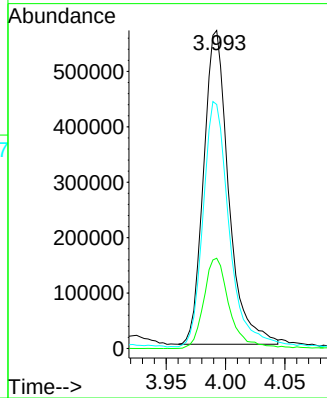
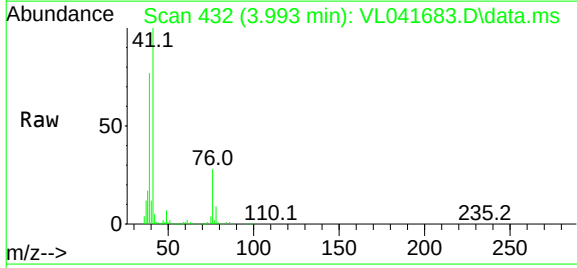
#21
 Allyl Chloride
 Concen: 9.712 ppbv
 RT: 3.993 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VL041683.D
 Acq: 7 Nov 2024 18:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Tgt Ion: 41 Resp: 833757
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.5 35.3
 39 82.5 63.0 94.4

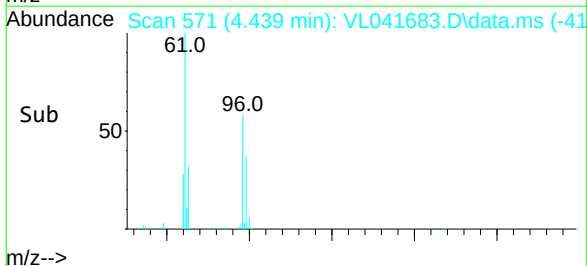
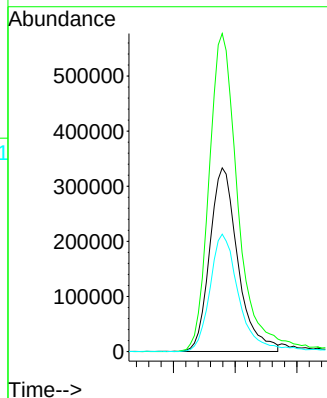
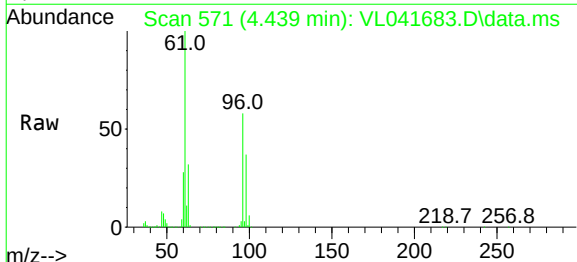
Manual Integrations
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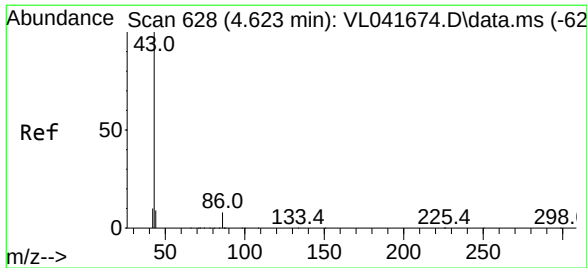
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.380 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.003 min
 Lab File: VL041683.D
 Acq: 7 Nov 2024 18:24

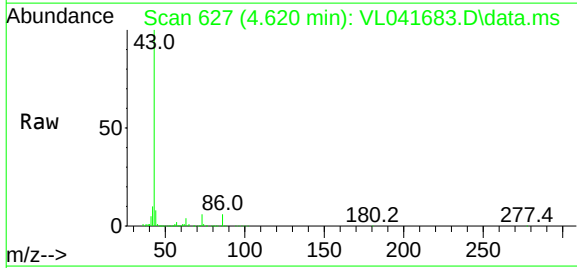
Tgt Ion: 96 Resp: 528381
 Ion Ratio Lower Upper
 96 100
 61 173.0 134.5 201.7
 98 63.9 49.6 74.4





#23
 Vinyl Acetate
 Concen: 9.699 ppbv
 RT: 4.620 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VL041683.D
 Acq: 7 Nov 2024 18:24

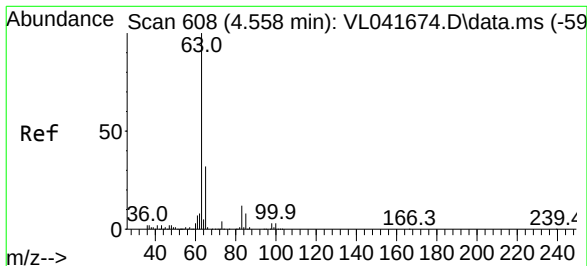
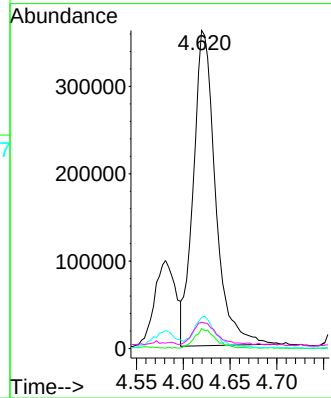
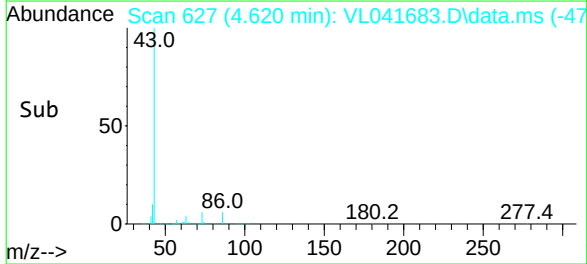
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01



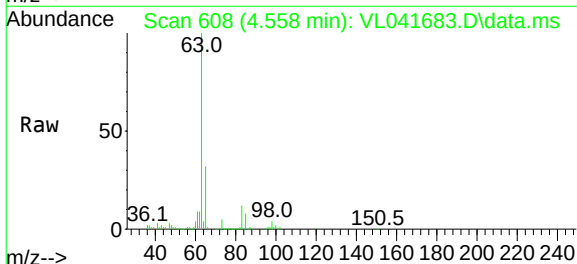
Tgt Ion: 43 Resp: 593962
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.3 7.9
 42 9.5 8.5 12.7
 44 7.1 6.7 10.1

Manual Integrations
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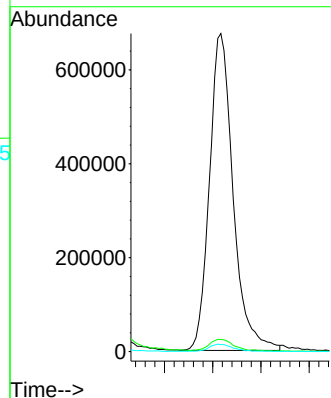
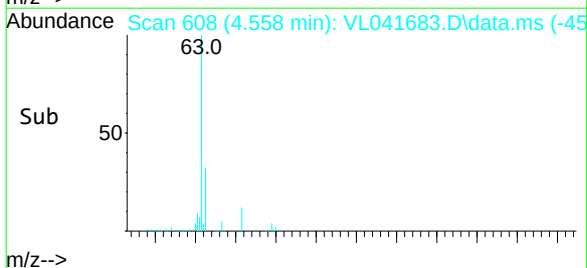
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

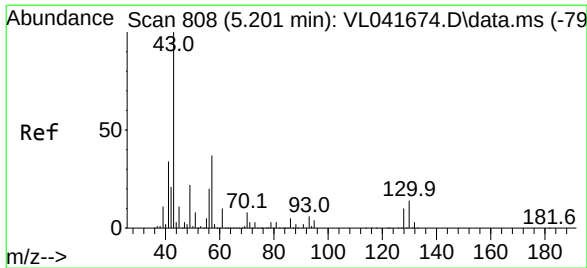


#24
 1,1-Dichloroethane
 Concen: 9.148 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL041683.D
 Acq: 7 Nov 2024 18:24



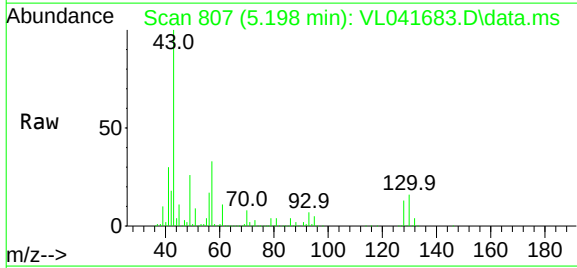
Tgt Ion: 63 Resp: 1150120
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.4
 100 2.1 1.4 4.2





#25
Ethyl Acetate
Concen: 9.780 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

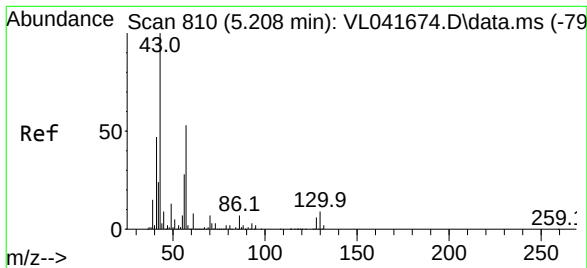
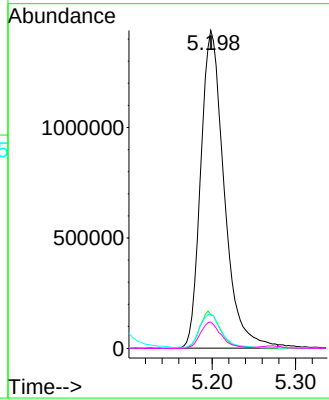
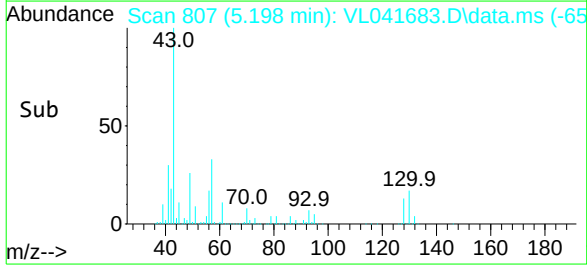
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 43 Resp: 2812437
Ion Ratio Lower Upper
43 100
45 10.8 8.6 13.0
61 10.6 8.4 12.6
70 7.5 5.8 8.6

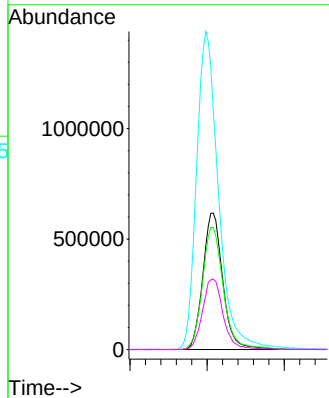
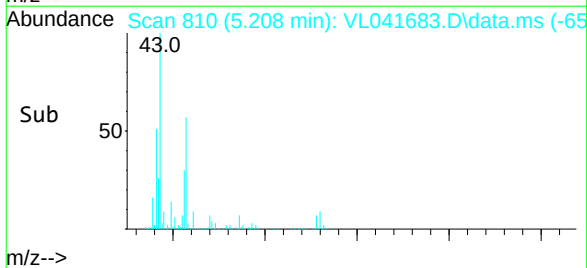
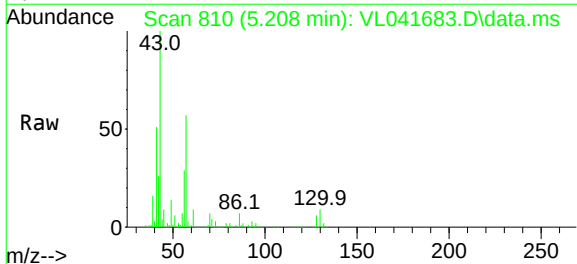
Manual Integrations
APPROVED

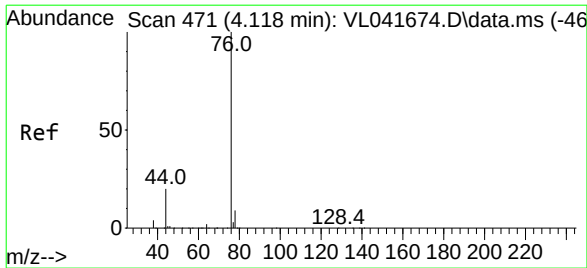
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#26
Hexane
Concen: 10.028 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

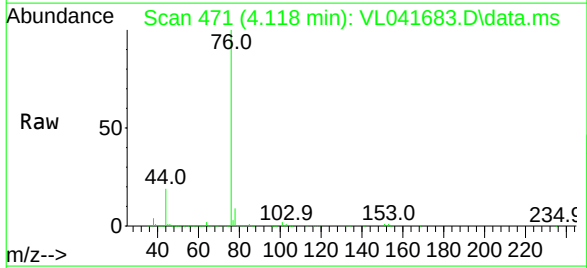
Tgt Ion: 57 Resp: 1107924
Ion Ratio Lower Upper
57 100
41 95.0 76.1 114.1
43 256.8 207.0 310.6
56 54.0 43.7 65.5





#27
Carbon Disulfide
Concen: 10.655 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

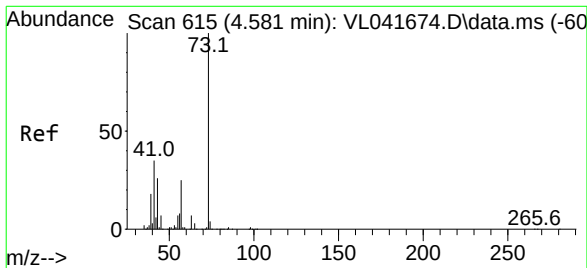
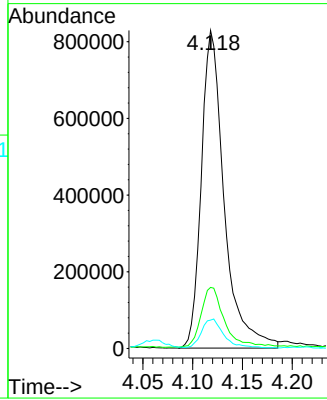
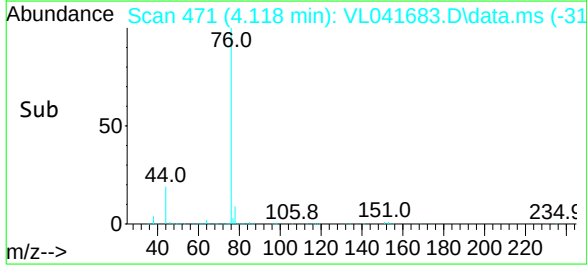
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 76 Resp: 1322486
Ion Ratio Lower Upper
76 100
44 19.7 15.8 23.8
78 9.3 7.5 11.3

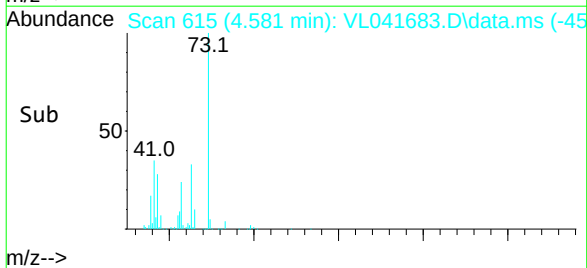
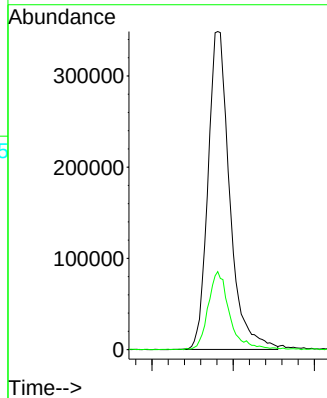
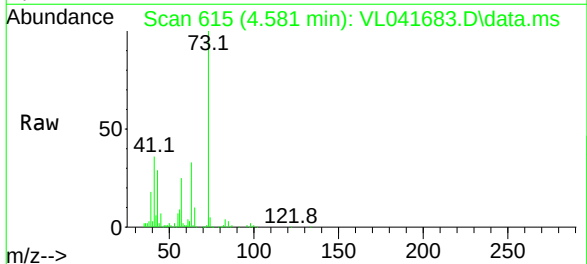
Manual Integrations
APPROVED

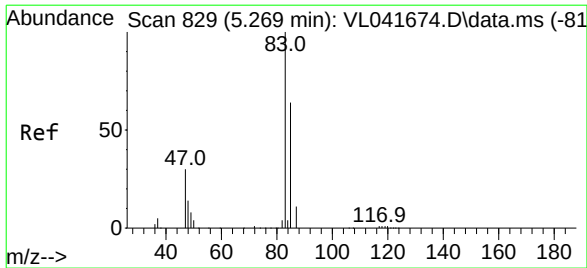
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 9.104 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

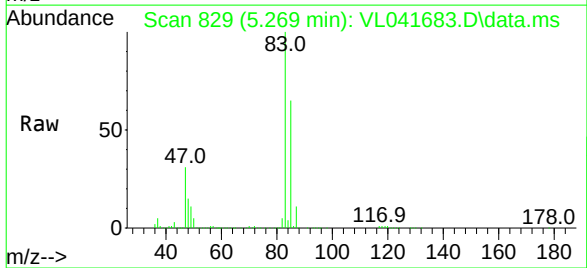
Tgt Ion: 73 Resp: 647697
Ion Ratio Lower Upper
73 100
57 24.5 19.6 29.4





#29
Chloroform
Concen: 9.534 ppbv
RT: 5.269 min Scan# 829
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

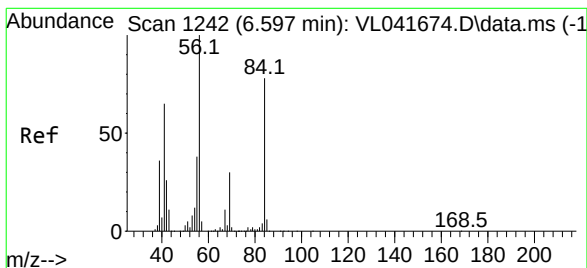
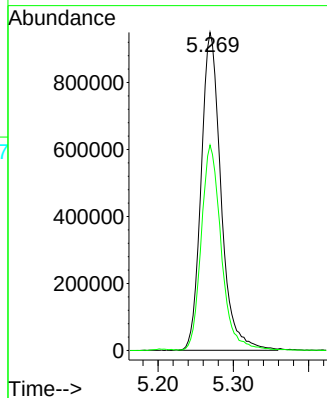
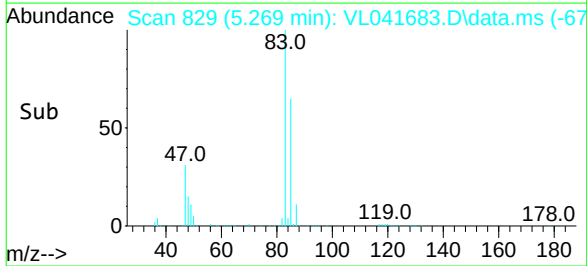
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 83 Resp: 1738610
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7

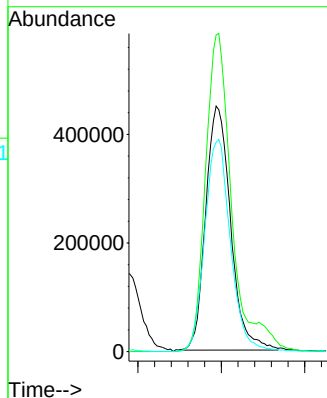
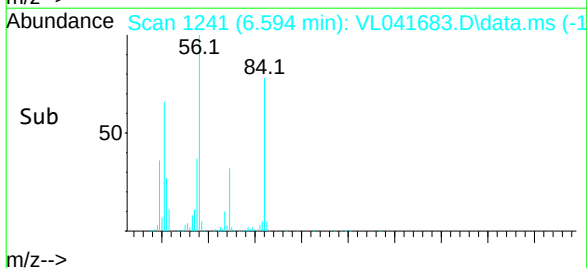
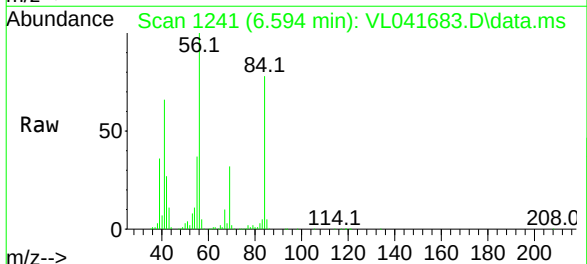
Manual Integrations
APPROVED

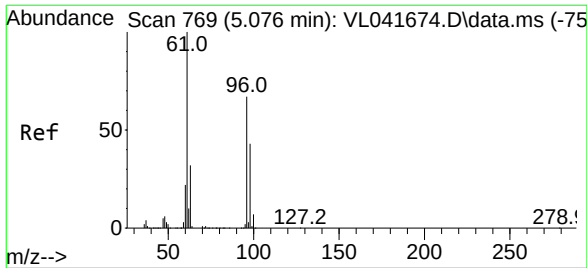
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#30
Cyclohexane
Concen: 9.943 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

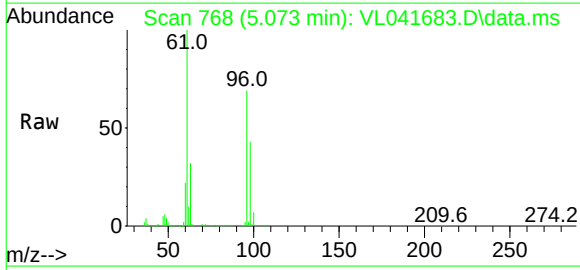
Tgt Ion: 84 Resp: 935328
Ion Ratio Lower Upper
84 100
56 137.7 110.8 166.2
41 89.7 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 10.032 ppbv
RT: 5.073 min Scan# 769
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

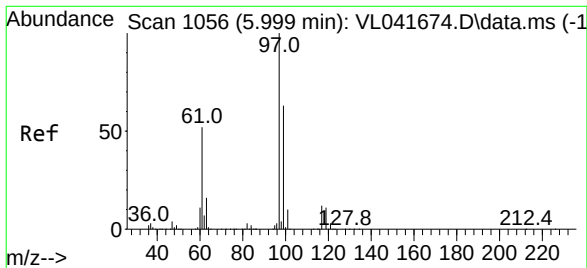
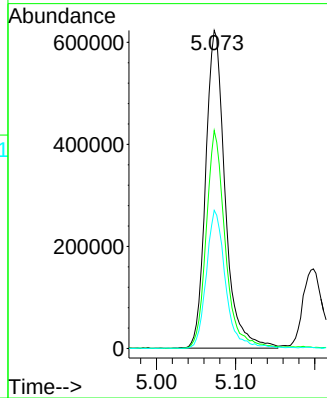
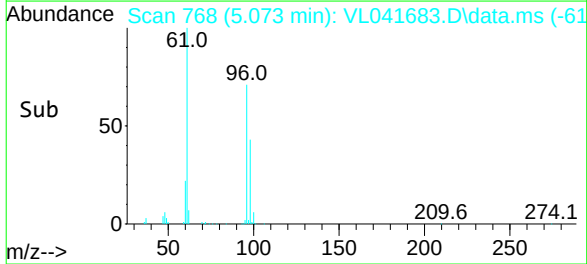
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



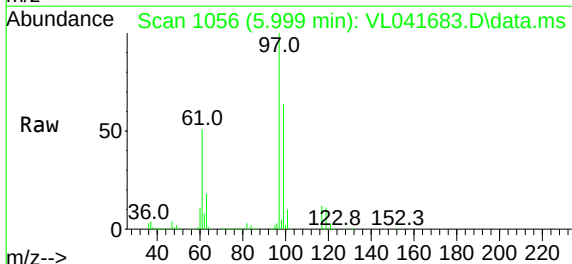
Tgt Ion: 61 Resp: 1066172
Ion Ratio Lower Upper
61 100
96 68.6 53.4 80.2
98 43.4 34.0 51.0

Manual Integrations
APPROVED

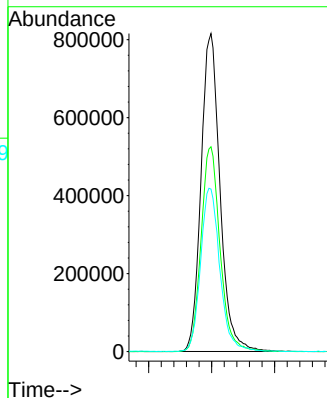
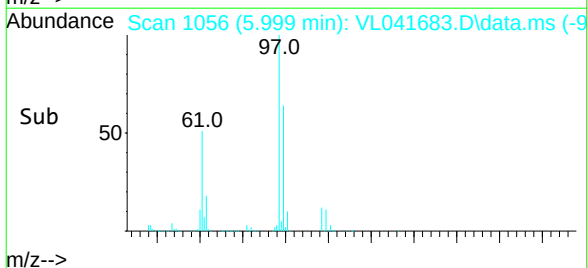
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

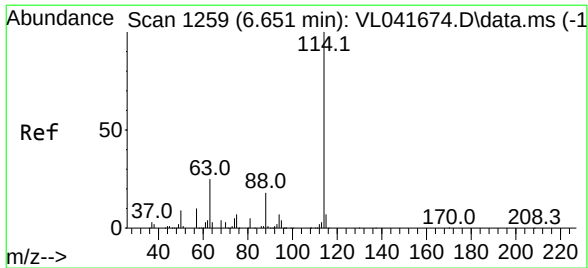


#32
1,1,1-Trichloroethane
Concen: 10.259 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24



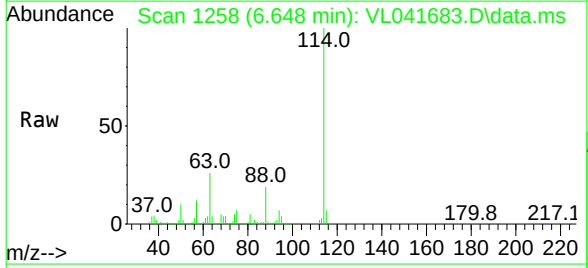
Tgt Ion: 97 Resp: 1706831
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 52.3 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

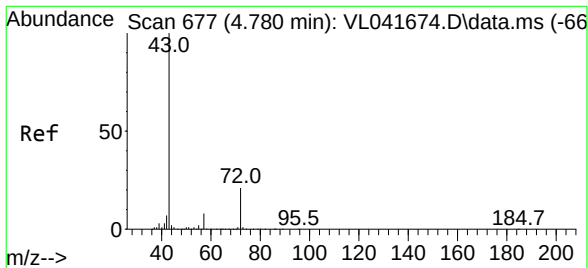
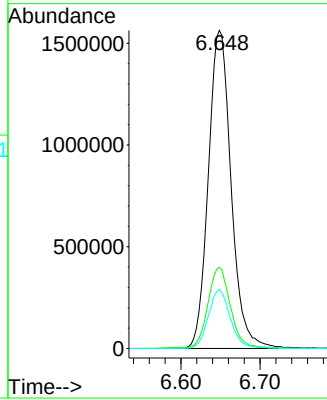
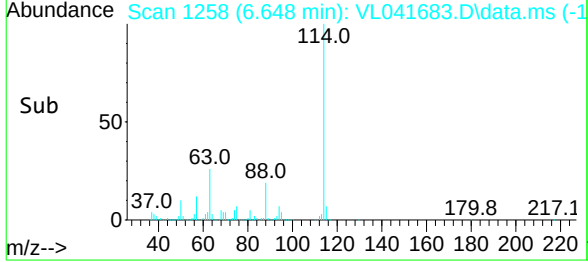
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



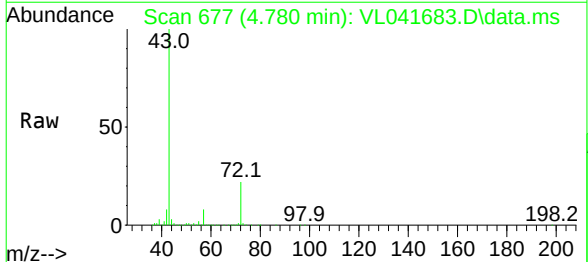
Tgt Ion: 114 Resp: 3126174
Ion Ratio Lower Upper
114 100
63 25.8 20.3 30.5
88 17.9 14.2 21.4

Manual Integrations
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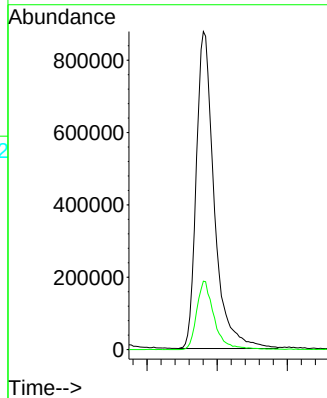
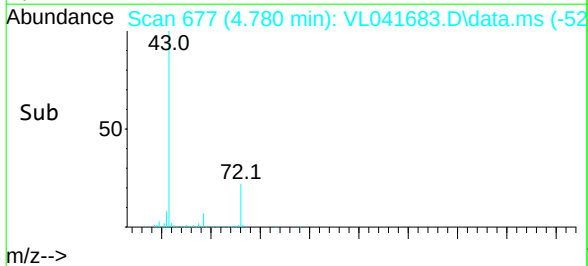
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

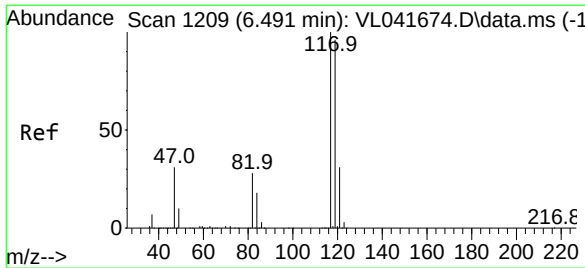


#34
2-Butanone
Concen: 10.014 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24



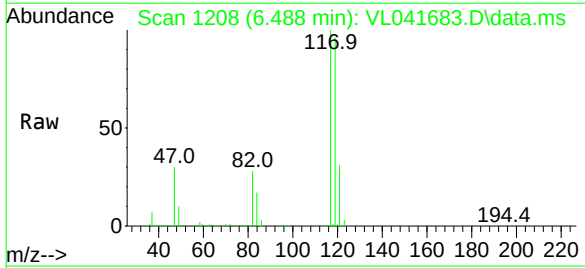
Tgt Ion: 43 Resp: 1558779
Ion Ratio Lower Upper
43 100
72 21.3 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.909 ppbv
RT: 6.488 min Scan# 1209
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

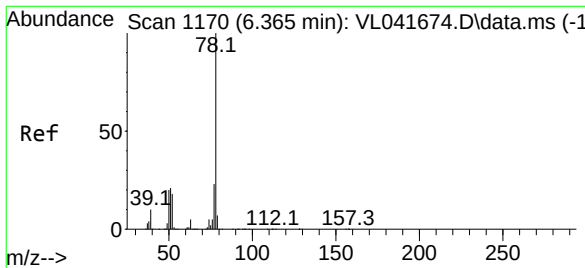
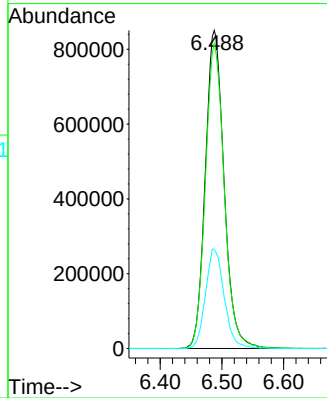
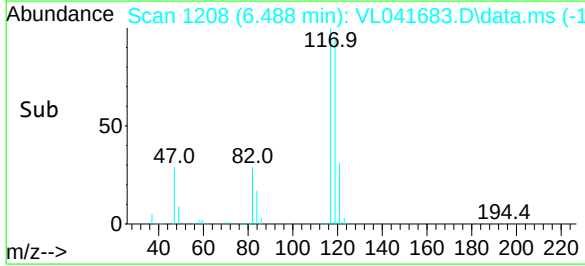
Instrument : MSVOA_L
ClientSampleId : VL1107ABS01



Tgt Ion: 117 Resp: 1799316
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 31.2 25.0 37.4

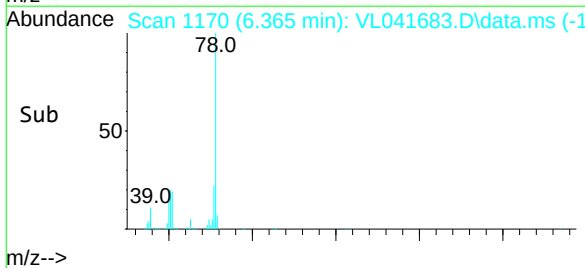
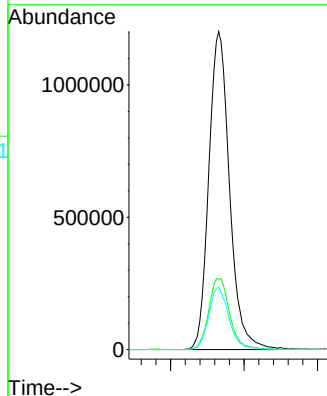
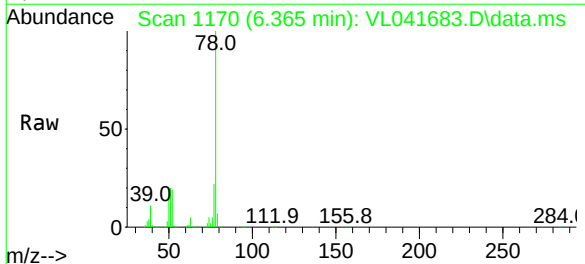
Manual Integrations
APPROVED

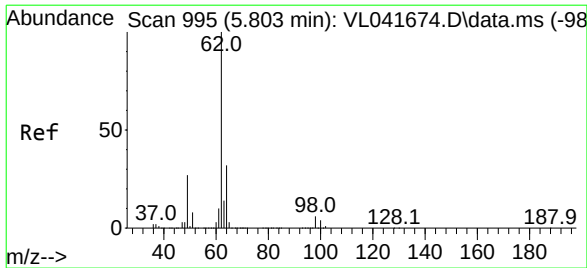
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#36
Benzene
Concen: 10.153 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

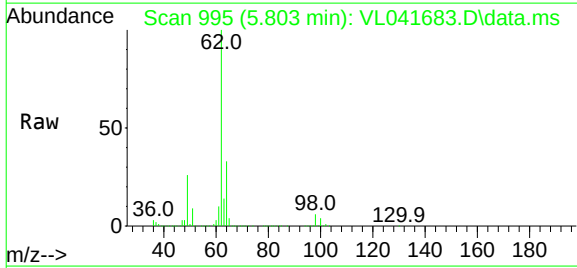
Tgt Ion: 78 Resp: 2351635
Ion Ratio Lower Upper
78 100
77 22.1 18.5 27.7
50 19.7 15.6 23.4





#37
1,2-Dichloroethane
Concen: 9.990 ppbv
RT: 5.803 min Scan# 99
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

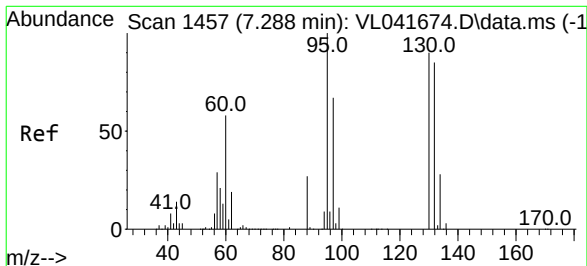
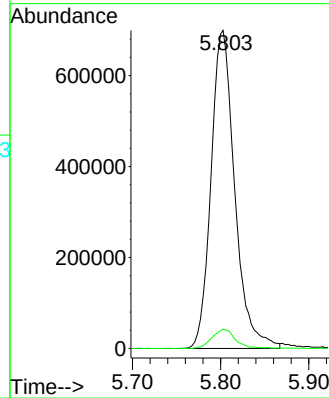
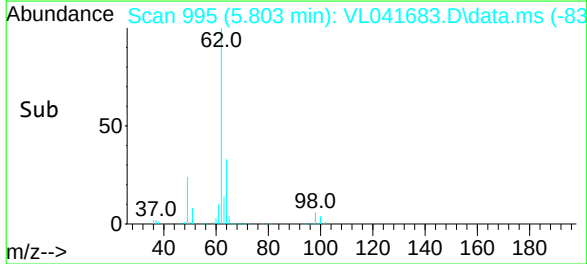
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



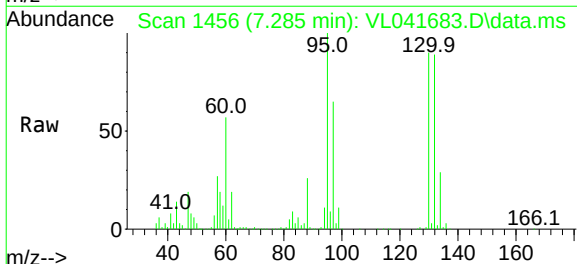
Tgt Ion: 62 Resp: 1305458
Ion Ratio Lower Upper
62 100
98 6.2 5.2 7.8

Manual Integrations
APPROVED

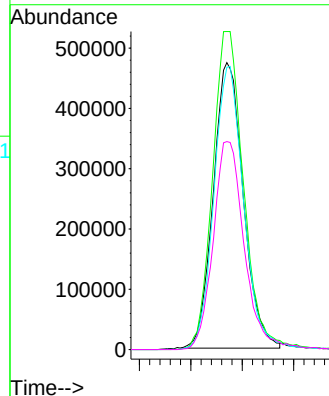
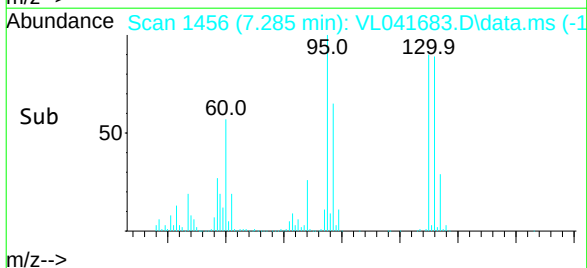
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

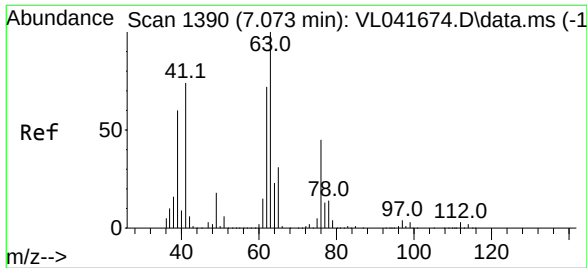


#38
Trichloroethene
Concen: 10.773 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24



Tgt Ion:130 Resp: 958369
Ion Ratio Lower Upper
130 100
95 111.1 89.1 133.7
132 98.8 75.7 113.5
97 72.7 60.0 90.0





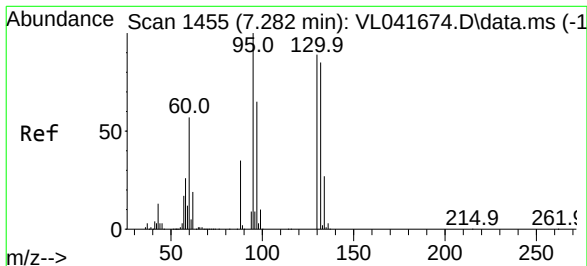
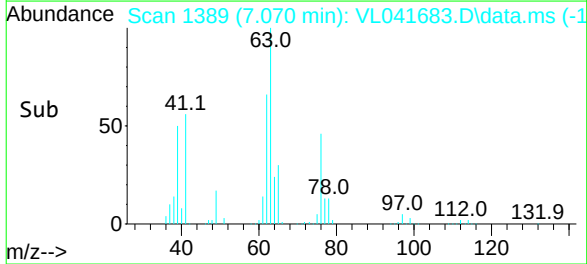
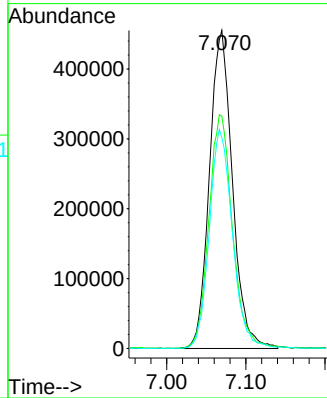
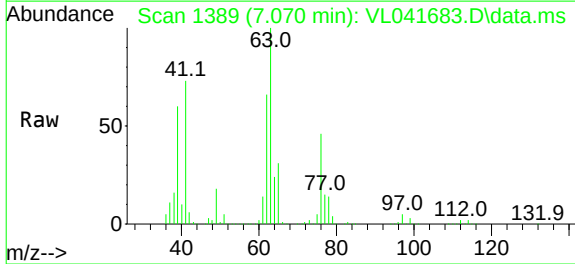
#39
1,2-Dichloropropane
Concen: 10.035 ppbv
RT: 7.070 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 63 Resp: 918548
Ion Ratio Lower Upper
63 100
41 72.9 59.1 88.7
62 66.2 57.7 86.5

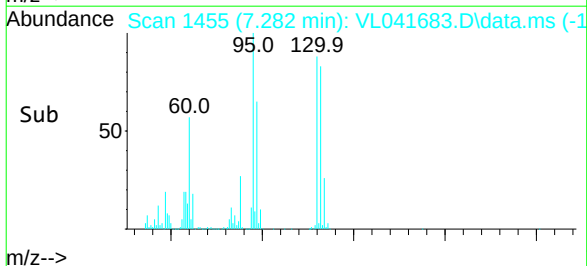
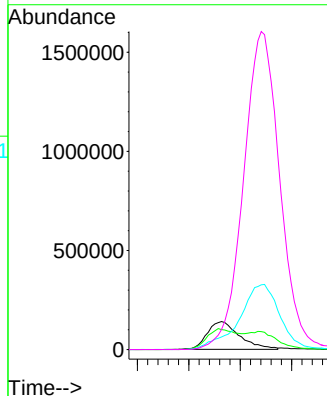
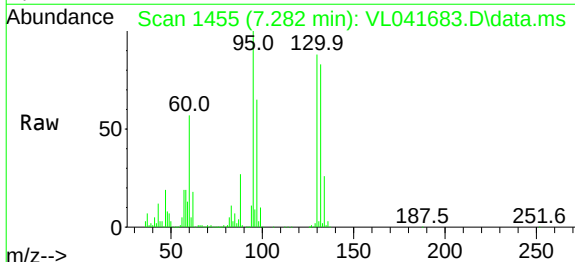
Manual Integrations
APPROVED

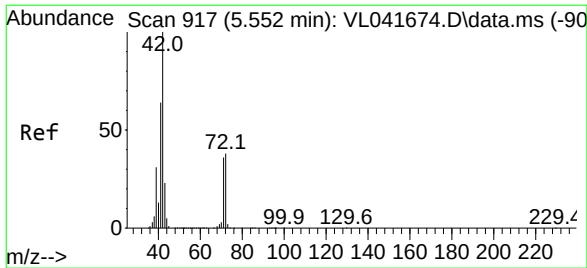
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 9.322 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

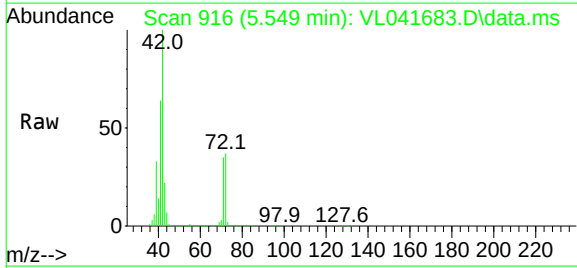
Tgt Ion: 88 Resp: 306141
Ion Ratio Lower Upper
88 100
58 135.3 101.4 152.2
43 297.4 208.0 312.0
57 1290.8 902.9 1354.3





#41
Tetrahydrofuran
Concen: 10.478 ppbv
RT: 5.549 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

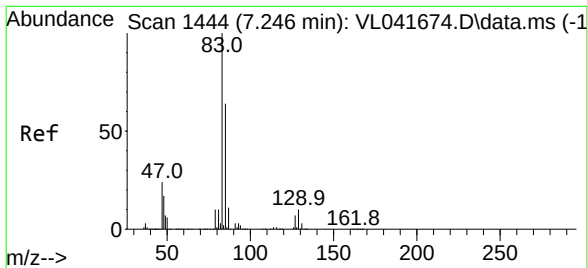
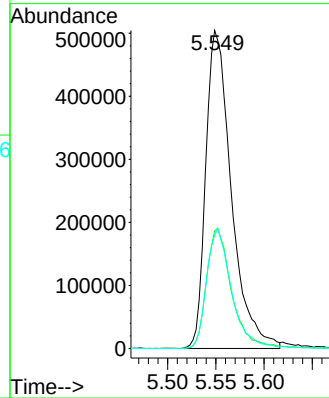
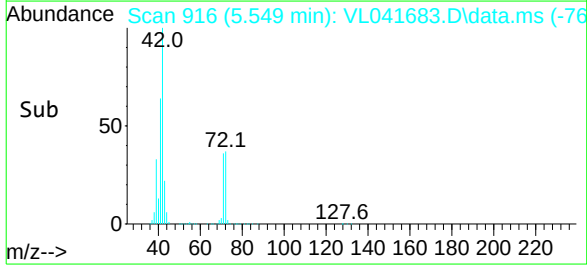
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 42 Resp: 931440
Ion Ratio Lower Upper
42 100
72 37.5 29.8 44.6
71 36.9 29.4 44.2

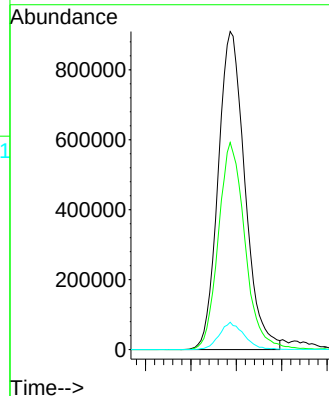
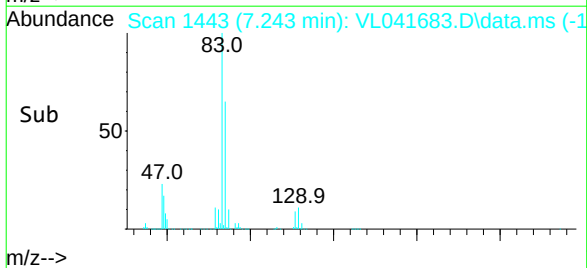
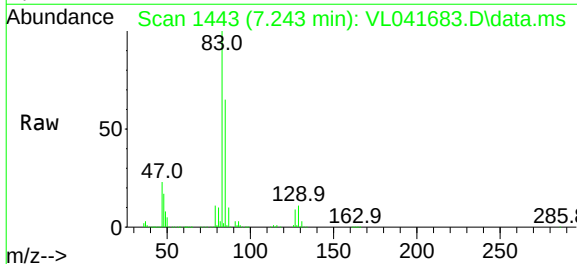
Manual Integrations
APPROVED

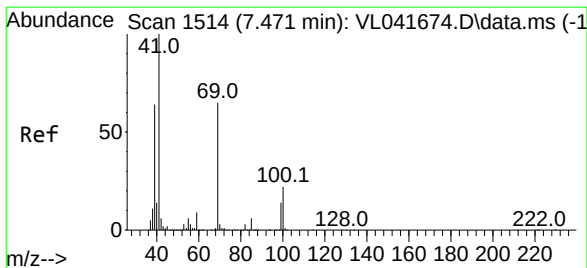
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 10.262 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 83 Resp: 1863473
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8
127 8.6 6.0 9.0





#43

Methyl Methacrylate

Concen: 11.480 ppbv

RT: 7.468 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

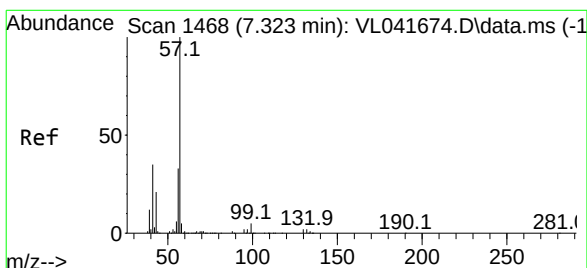
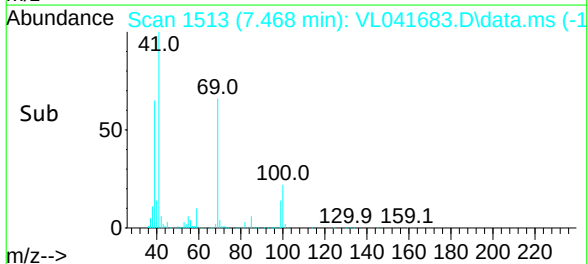
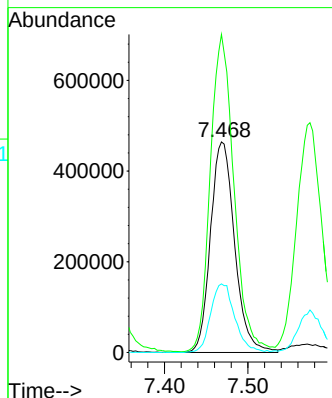
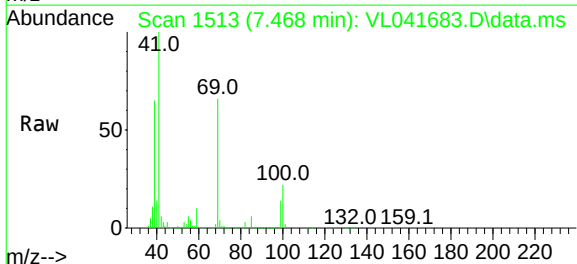
ClientSampleId :

VL1107ABS01

Tgt Ion:	69	Resp:	933637
Ion	Ratio	Lower	Upper
69	100		
41	147.6	119.8	179.6
100	32.6	27.3	40.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#44

2,2,4-Trimethylpentane

Concen: 10.067 ppbv

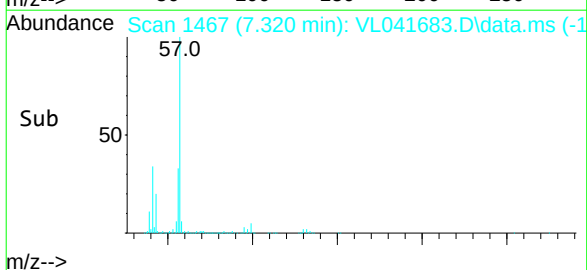
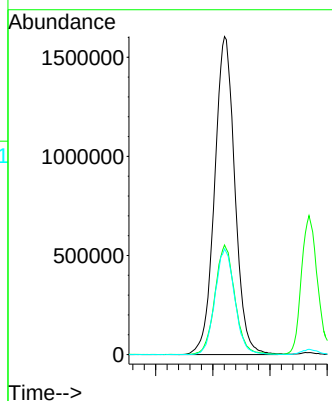
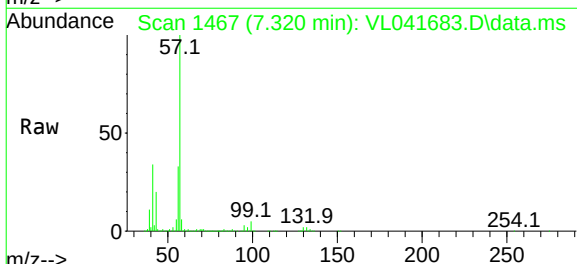
RT: 7.320 min Scan# 1467

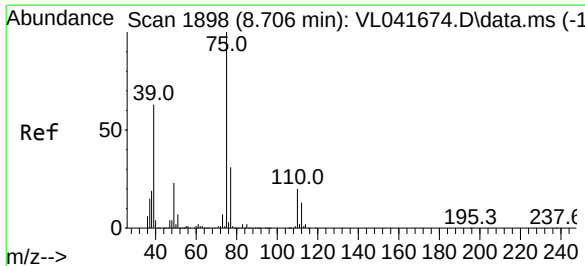
Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

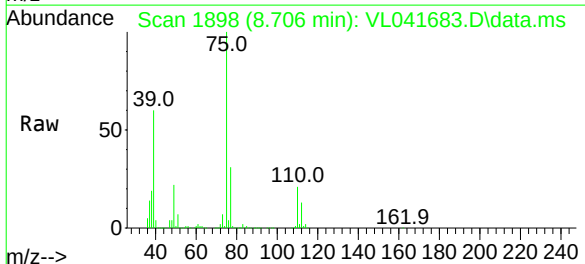
Tgt Ion:	57	Resp:	3949724
Ion	Ratio	Lower	Upper
57	100		
41	33.8	27.0	40.6
56	32.4	25.8	38.6





#45
t-1,3-Dichloropropene
Concen: 11.848 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

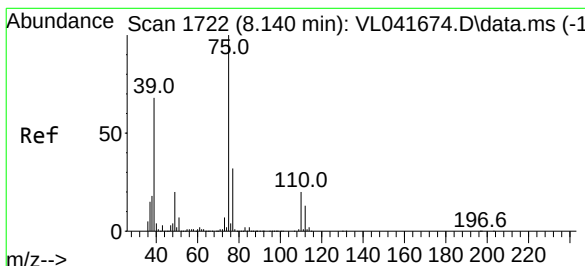
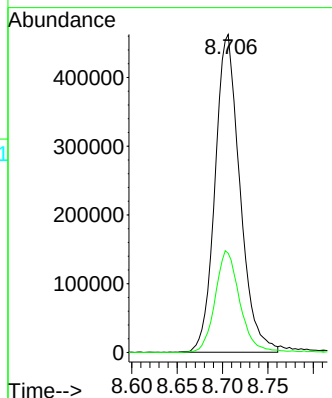
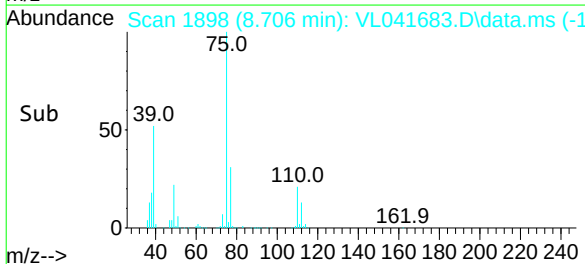
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



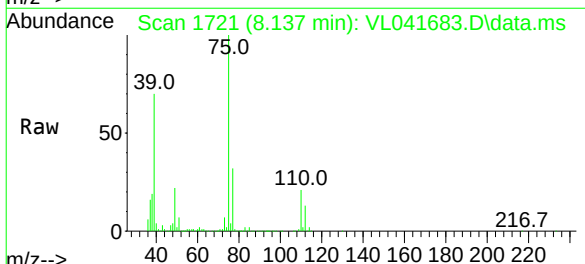
Tgt Ion: 75 Resp: 880458
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1

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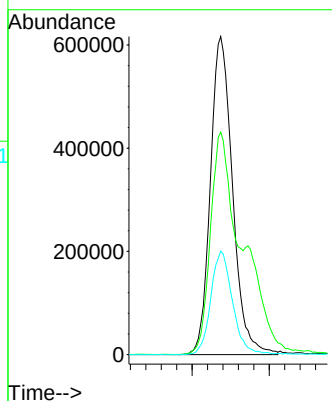
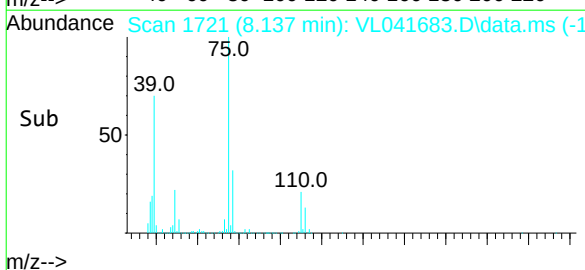
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

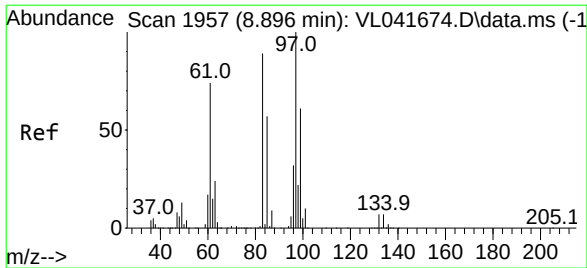


#46
cis-1,3-Dichloropropene
Concen: 11.515 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24



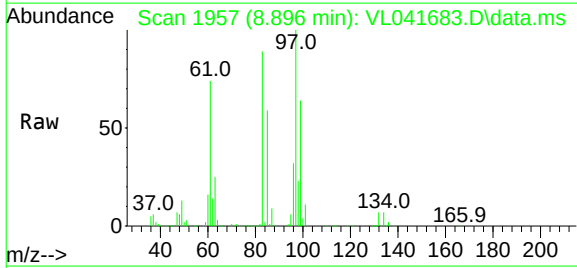
Tgt Ion: 75 Resp: 1229071
Ion Ratio Lower Upper
75 100
39 69.9 54.1 81.1
77 32.5 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.970 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

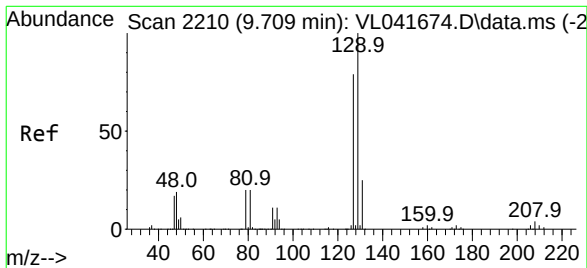
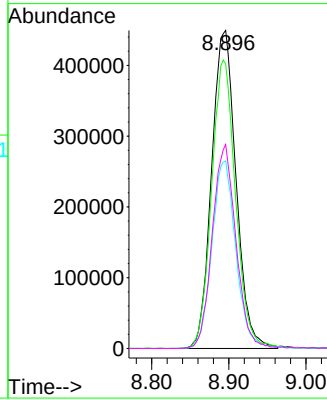
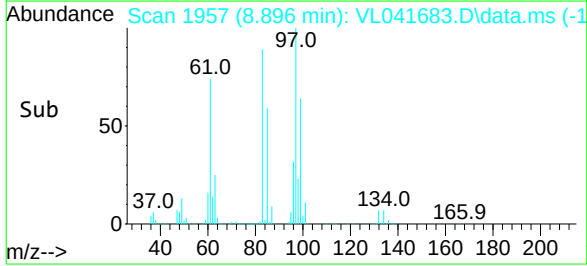
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion: 97 Resp: 987685
Ion Ratio Lower Upper
97 100
83 89.4 71.0 106.6
85 58.9 45.4 68.2
99 64.0 49.0 73.6

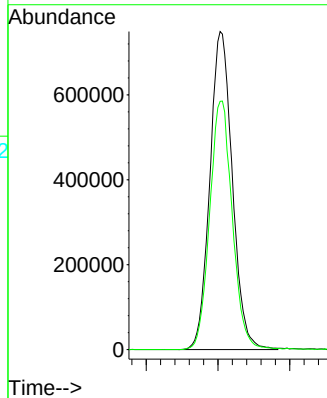
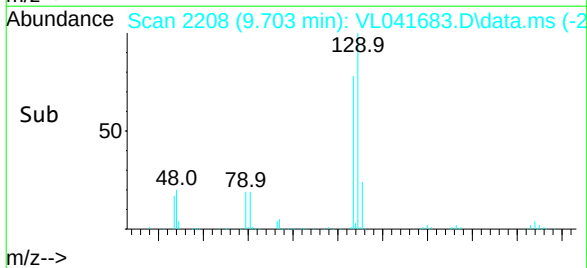
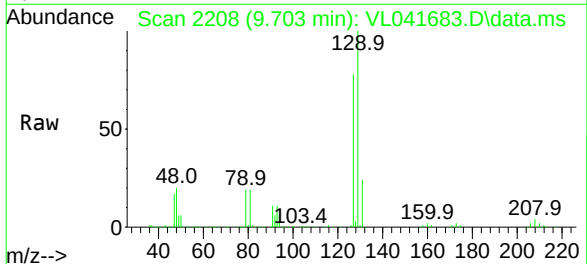
Manual Integrations
APPROVED

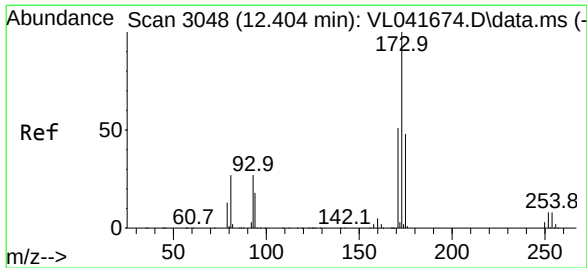
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 10.826 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion:129 Resp: 1630376
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#49

Bromoform

Concen: 11.297 ppbv

RT: 12.401 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion: 173 Resp: 1455608

Ion Ratio Lower Upper

173 100

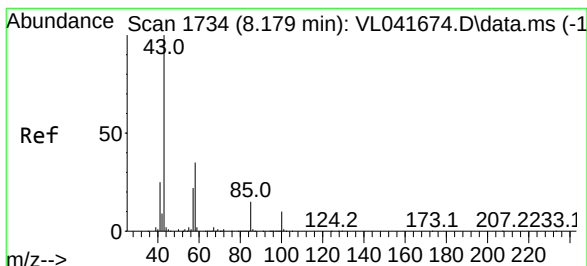
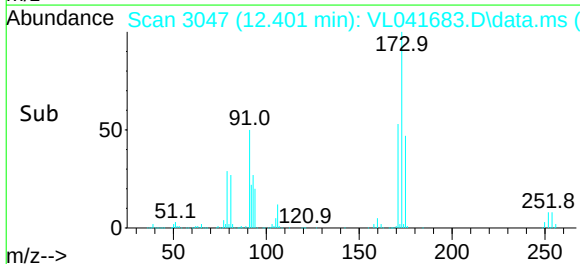
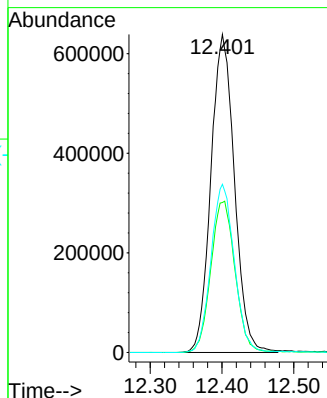
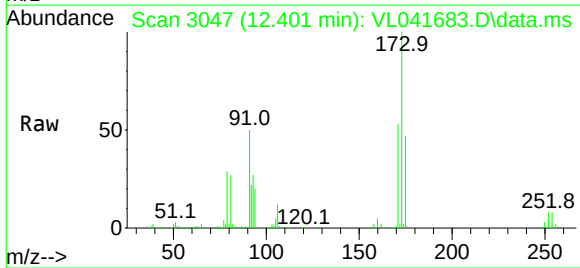
175 49.2 39.2 58.8

171 53.0 41.7 62.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#50

4-Methyl-2-Pentanone

Concen: 10.762 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VL041683.D

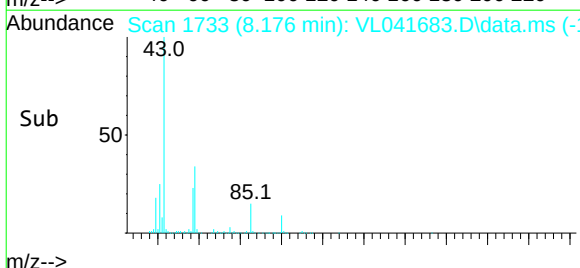
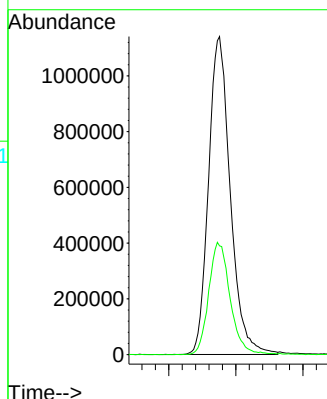
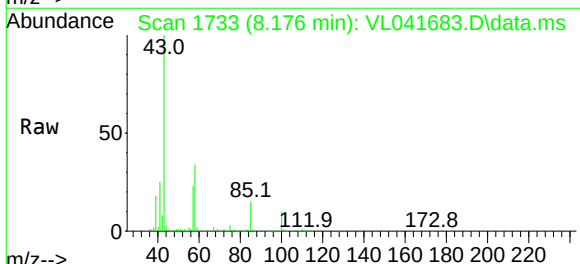
Acq: 7 Nov 2024 18:24

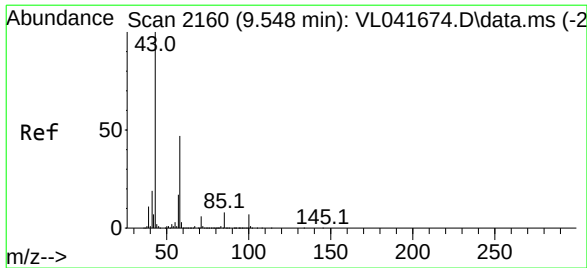
Tgt Ion: 43 Resp: 2571671

Ion Ratio Lower Upper

43 100

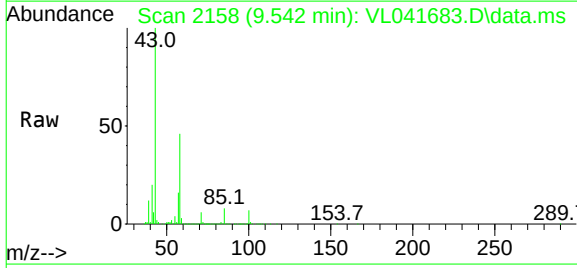
58 34.9 27.7 41.5





#51
2-Hexanone
Concen: 11.483 ppbv
RT: 9.542 min Scan# 2160
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

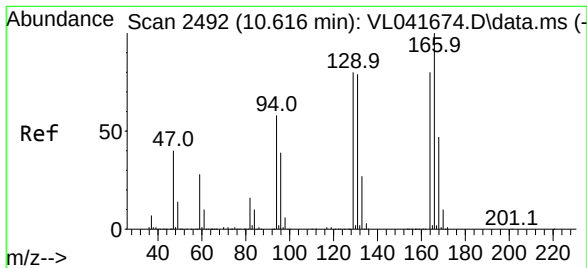
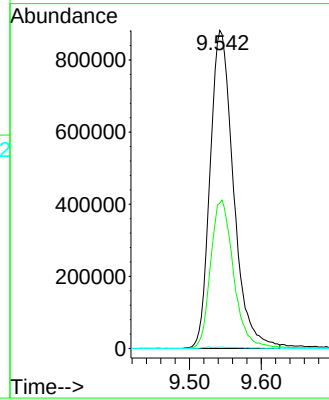
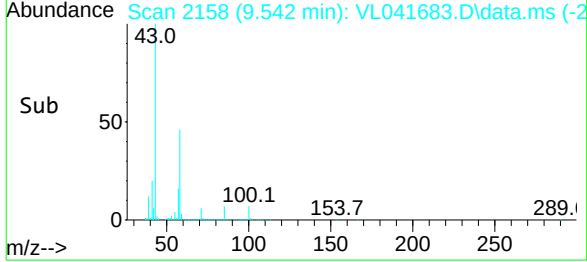
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



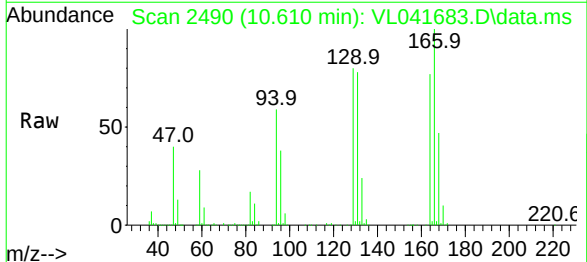
Tgt Ion: 43 Resp: 1998257
Ion Ratio Lower Upper
43 100
58 46.3 37.0 55.6
98 0.7 0.6 0.8

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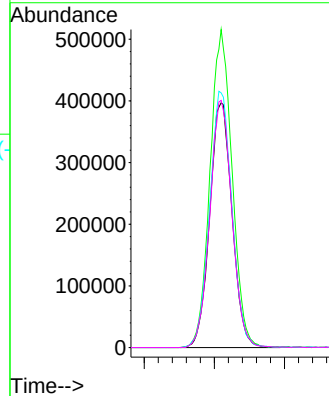
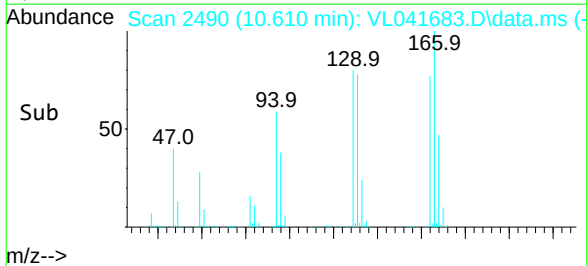
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

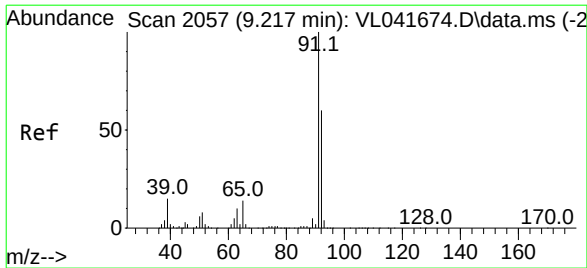


#52
Tetrachloroethene
Concen: 11.136 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24



Tgt Ion:164 Resp: 879019
Ion Ratio Lower Upper
164 100
166 129.8 100.2 150.4
129 104.0 79.7 119.5
131 100.9 79.0 118.4





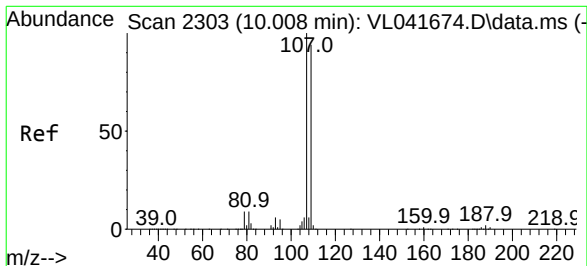
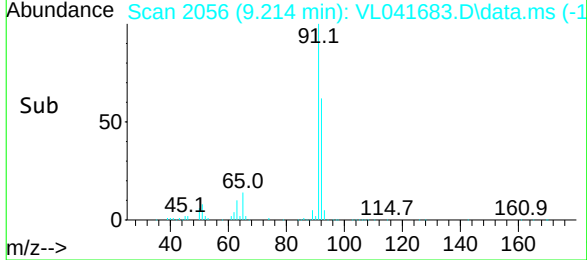
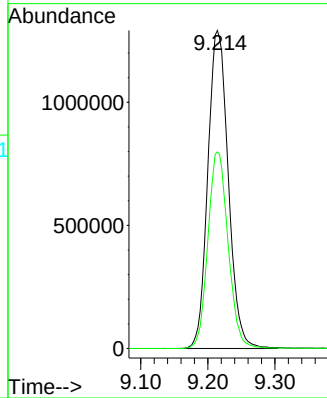
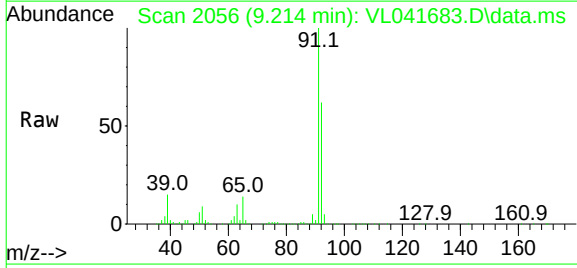
#53
Toluene
Concen: 11.231 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument : MSVOA_L
ClientSampleId : VL1107ABS01

Tgt Ion: 91 Resp: 2735661
Ion Ratio Lower Upper
91 100
92 61.1 49.0 73.4

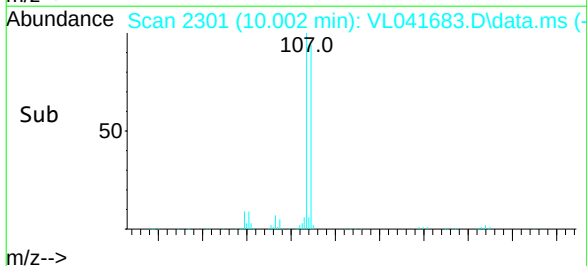
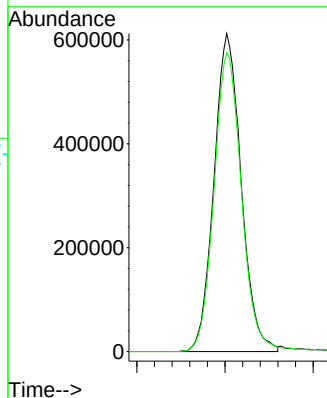
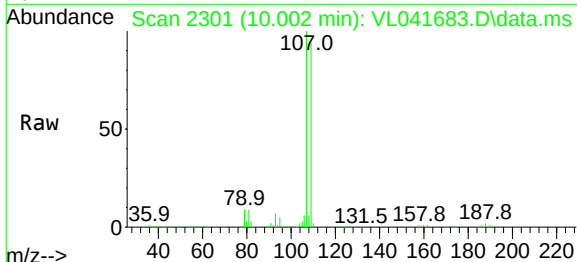
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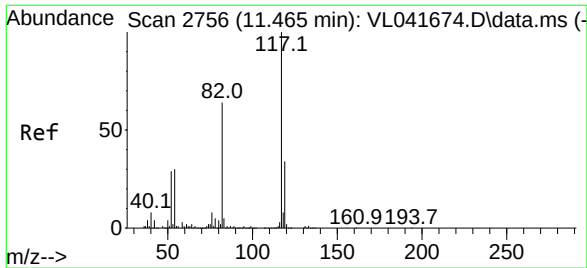
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#54
1,2-Dibromoethane
Concen: 11.314 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

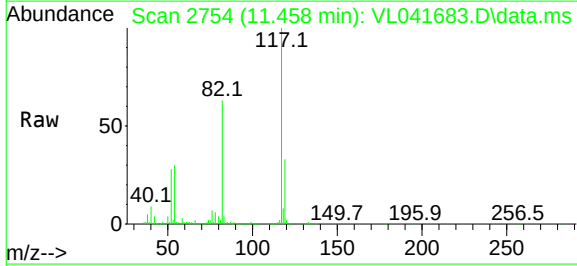
Tgt Ion:107 Resp: 1309588
Ion Ratio Lower Upper
107 100
109 94.0 74.9 112.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 2756
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

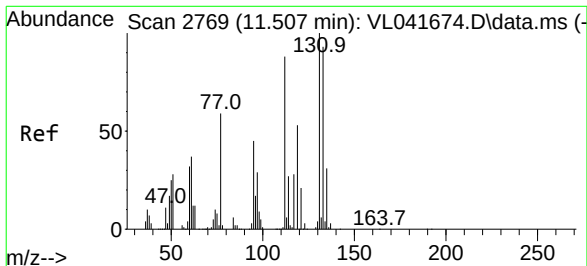
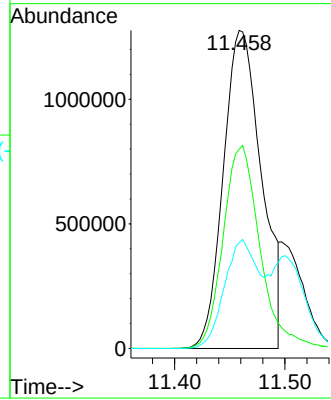
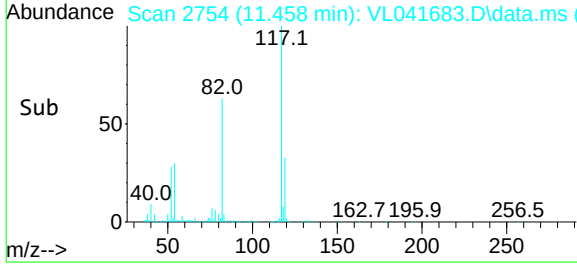
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion:117 Resp: 3072161
Ion Ratio Lower Upper
117 100
82 61.9 49.8 74.8
119 30.4 24.2 36.4

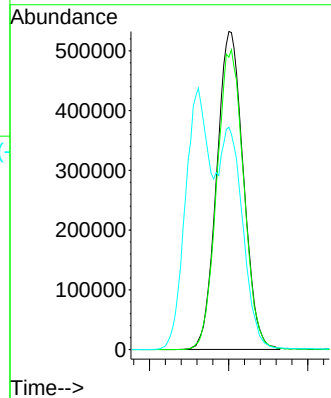
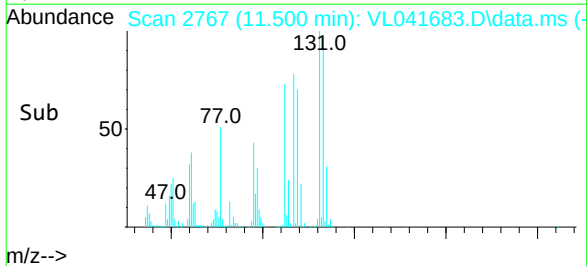
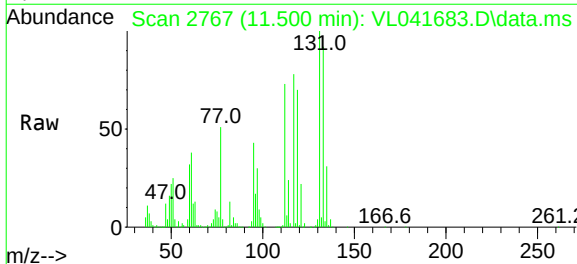
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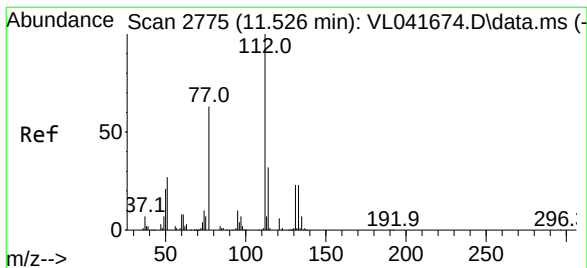
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.815 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion:131 Resp: 1243563
Ion Ratio Lower Upper
131 100
133 95.5 76.5 114.7
119 61.0 49.8 74.8





#57

Chlorobenzene

Concen: 9.591 ppbv

RT: 11.520 min Scan# 2775

Delta R.T. -0.006 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:112 Resp: 2179178

Ion Ratio Lower Upper

112 100

77 65.1 51.4 77.2

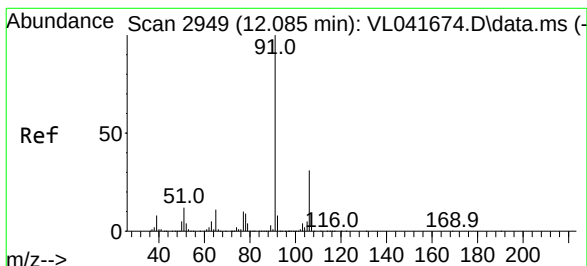
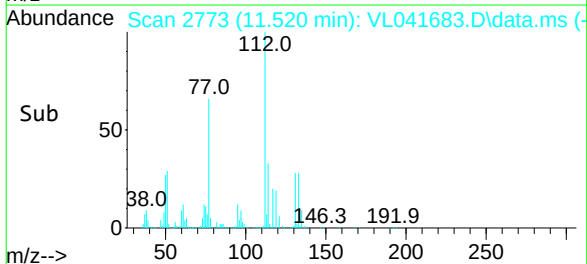
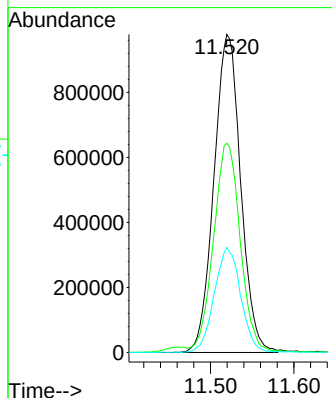
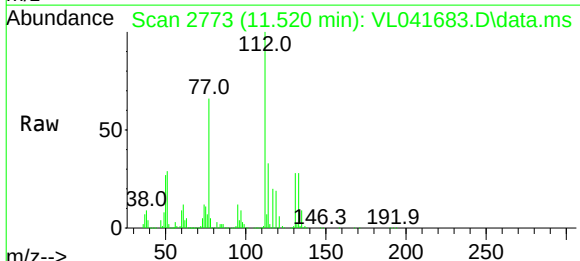
114 32.9 28.4 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#58

Ethyl Benzene

Concen: 11.070 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VL041683.D

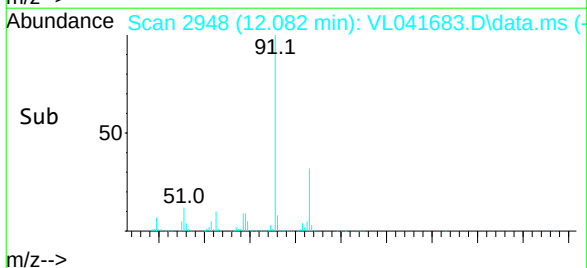
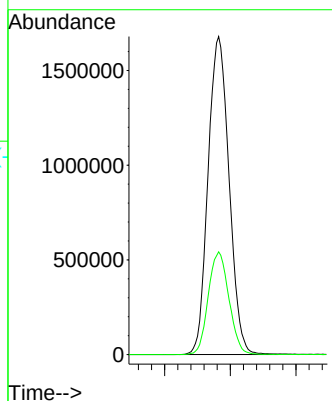
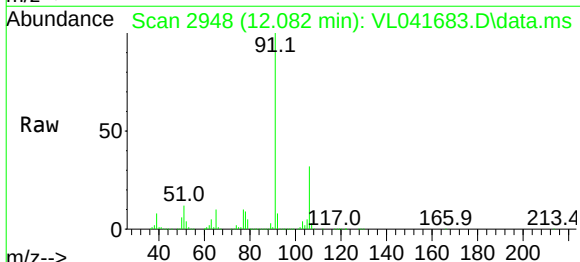
Acq: 7 Nov 2024 18:24

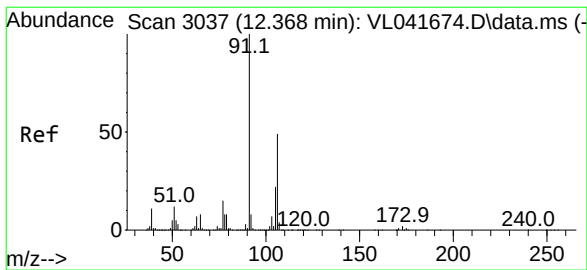
Tgt Ion: 91 Resp: 3728449

Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3





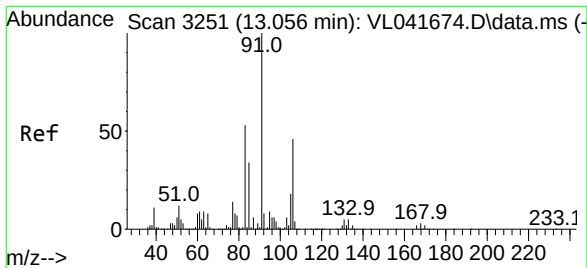
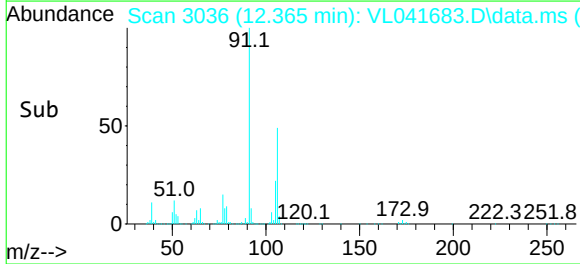
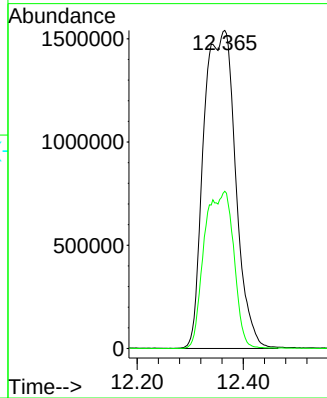
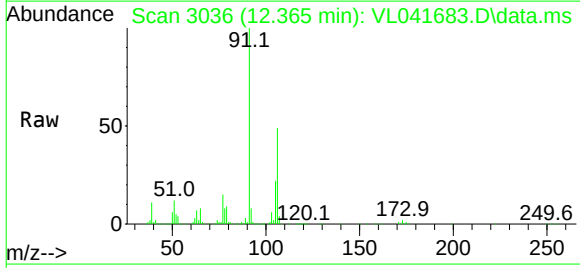
#59
m/p-Xylene
Concen: 21.205 ppbv m
RT: 12.365 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 91 Resp: 6395484
Ion Ratio Lower Upper
91 100
106 45.8 36.9 55.3

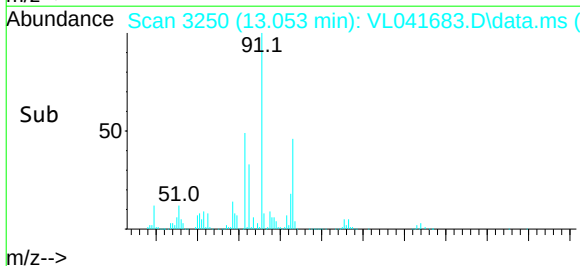
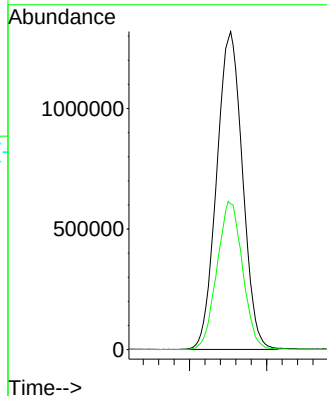
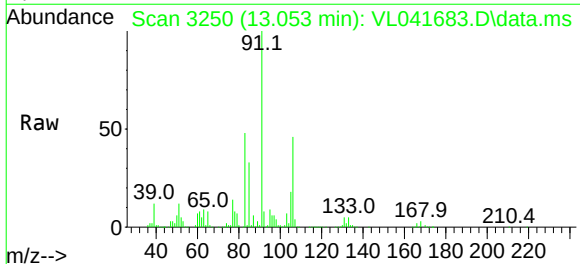
Manual Integrations
APPROVED

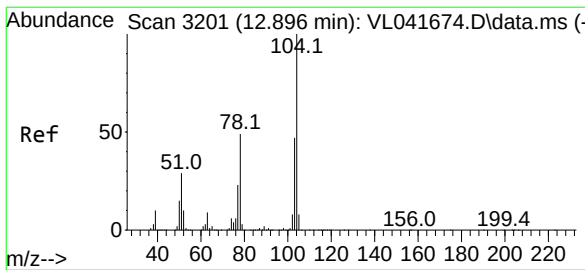
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#60
o-Xylene
Concen: 10.650 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 91 Resp: 3062960
Ion Ratio Lower Upper
91 100
106 46.4 23.2 69.6





#61

Styrene

Concen: 12.484 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.006 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:104 Resp: 1481910

Ion Ratio Lower Upper

104 100

78 49.6 39.8 59.8

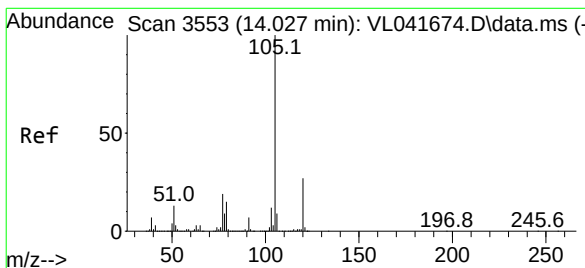
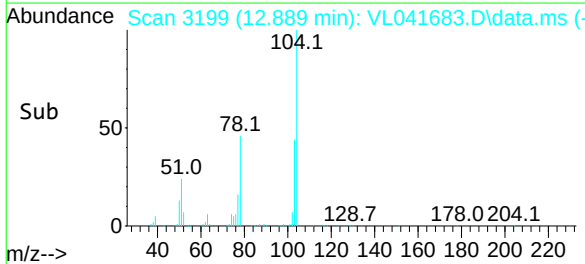
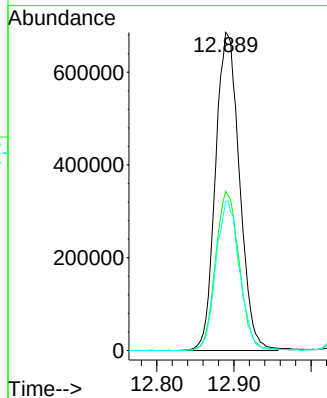
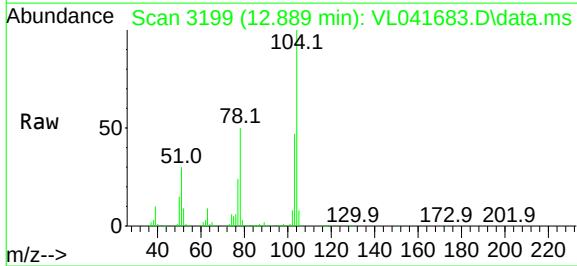
103 46.5 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#62

Isopropylbenzene

Concen: 10.262 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.006 min

Lab File: VL041683.D

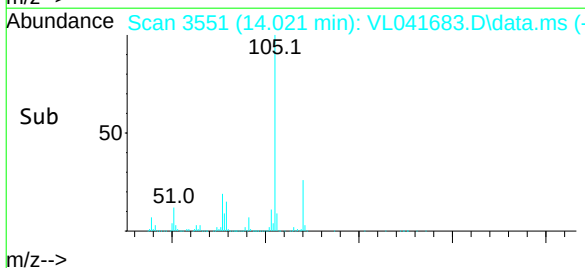
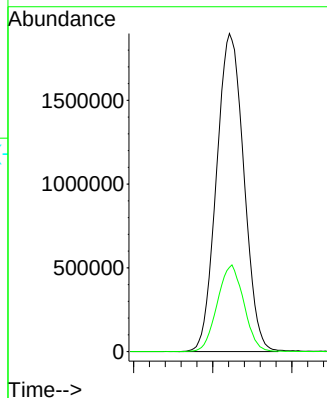
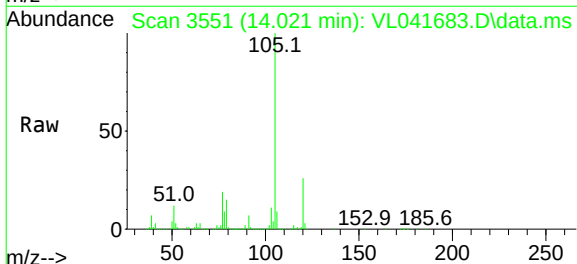
Acq: 7 Nov 2024 18:24

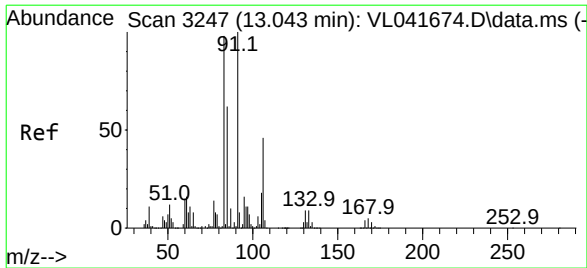
Tgt Ion:105 Resp: 4558228

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7





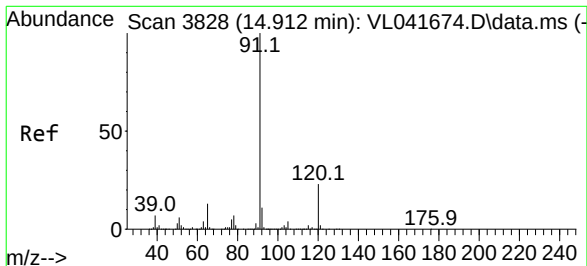
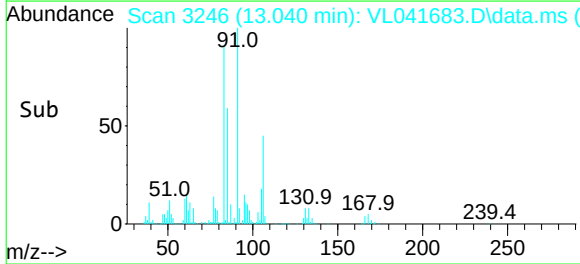
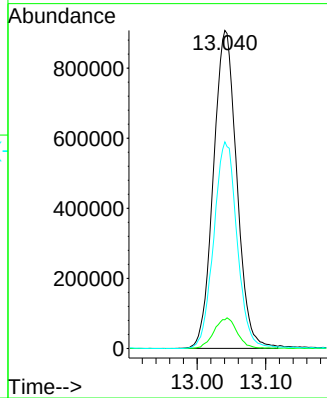
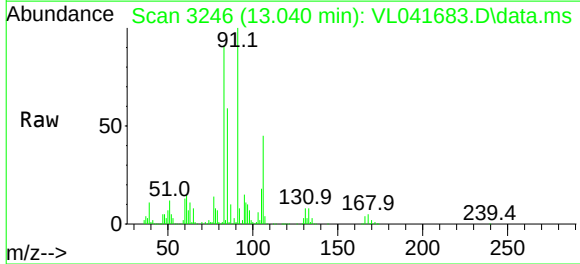
#63
1,1,2,2-Tetrachloroethane
Concen: 10.150 ppbv
RT: 13.040 min Scan# 3247
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument : MSVOA_L
ClientSampleId : VL1107ABS01

Tgt Ion: 83 Resp: 2147383
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 65.3 32.6 98.0

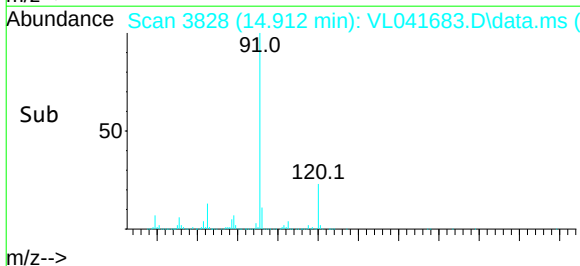
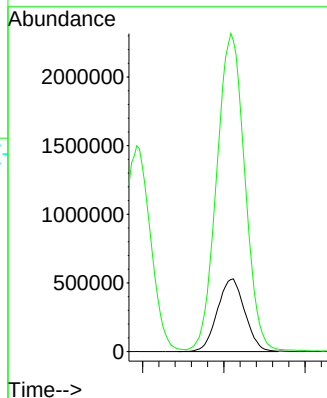
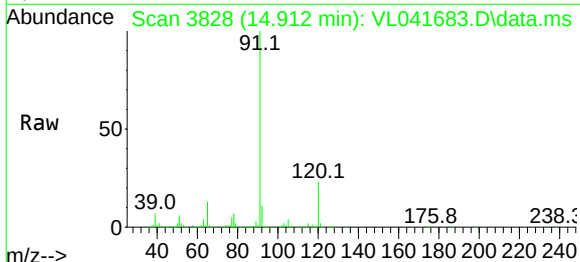
Manual Integrations
APPROVED

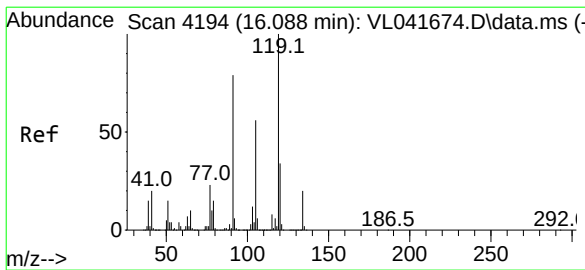
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#64
n-propylbenzene
Concen: 10.681 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion:120 Resp: 1241910
Ion Ratio Lower Upper
120 100
91 452.2 362.4 543.6





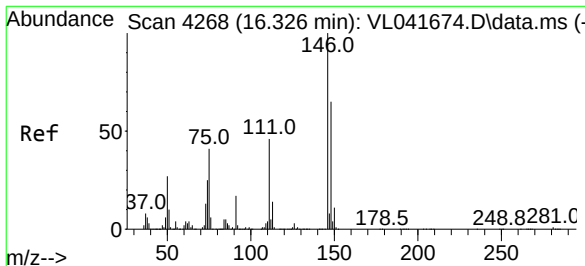
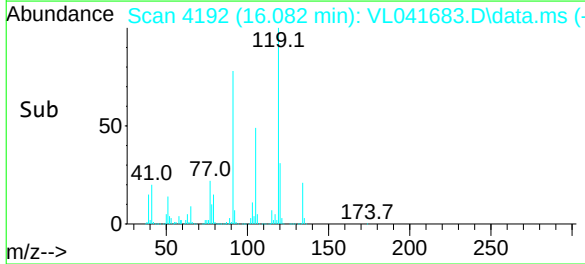
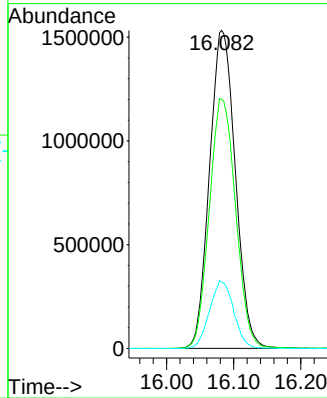
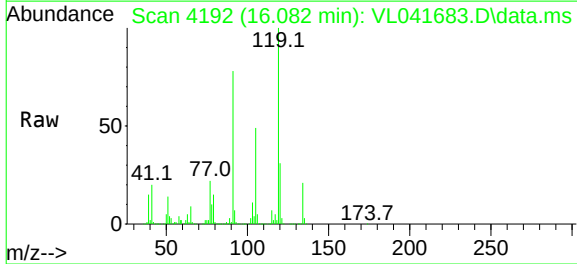
#65
tert-Butylbenzene
Concen: 10.261 ppbv
RT: 16.082 min Scan# 4194
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 119 Resp: 4096195
Ion Ratio Lower Upper
119 100
91 80.2 64.3 96.5
134 20.0 15.8 23.8

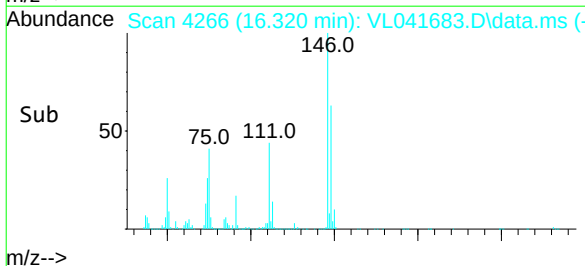
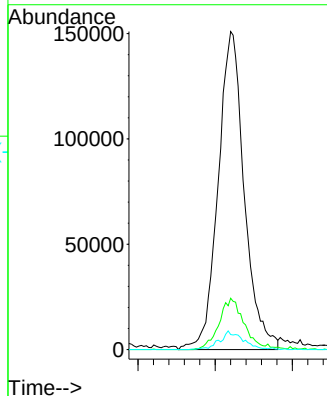
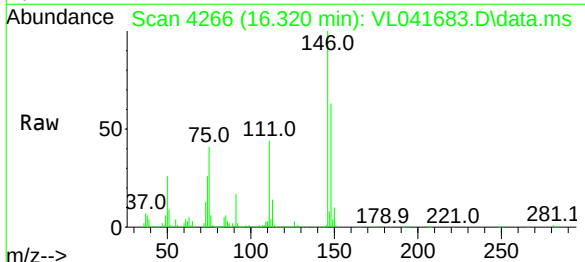
Manual Integrations
APPROVED

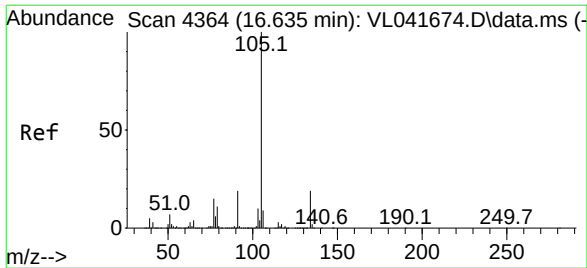
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#66
Benzyl Chloride
Concen: 11.572 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

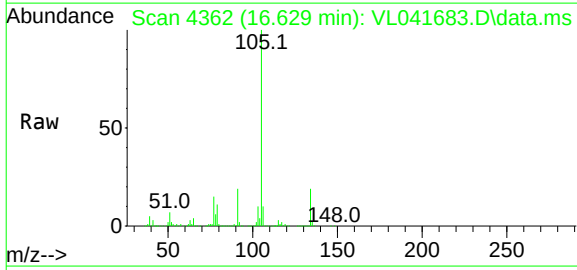
Tgt Ion: 91 Resp: 355379
Ion Ratio Lower Upper
91 100
126 16.0 13.8 20.6
128 5.3 4.3 6.5





#67
sec-Butylbenzene
Concen: 10.298 ppbv
RT: 16.629 min Scan# 4364
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

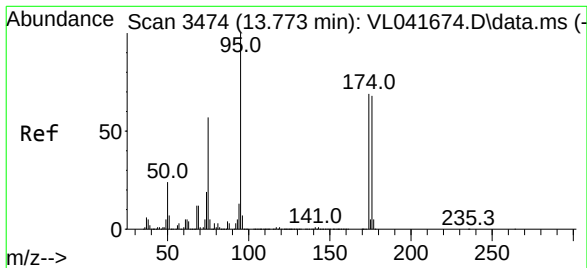
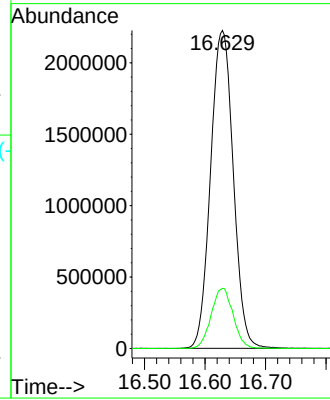
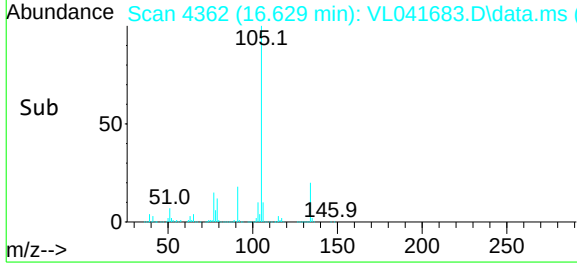
Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion:105 Resp: 5794246
Ion Ratio Lower Upper
105 100
134 18.4 14.6 22.0

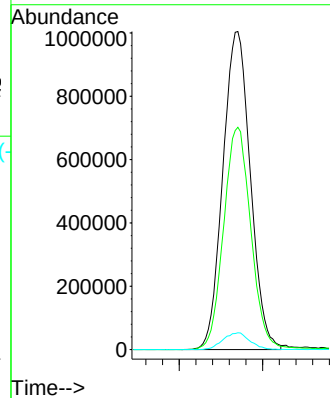
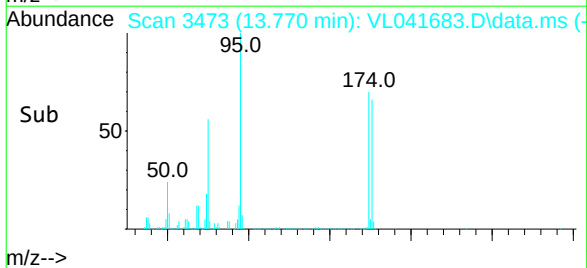
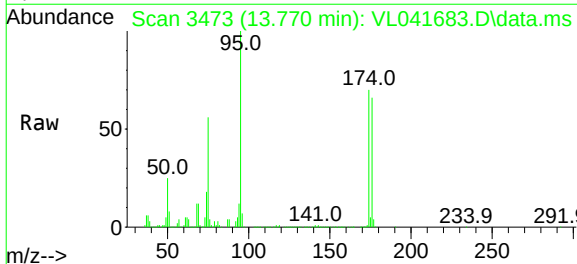
Manual Integrations
APPROVED

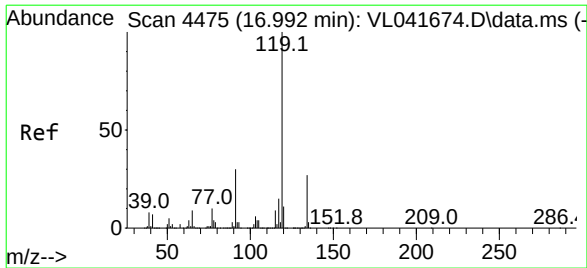
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.162 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion: 95 Resp: 2300291
Ion Ratio Lower Upper
95 100
174 70.0 55.6 83.4
175 5.2 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.631 ppbv

RT: 16.989 min Scan# 4475

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion: 119 Resp: 4835968

Ion Ratio Lower Upper

119 100

134 25.9 20.8 31.2

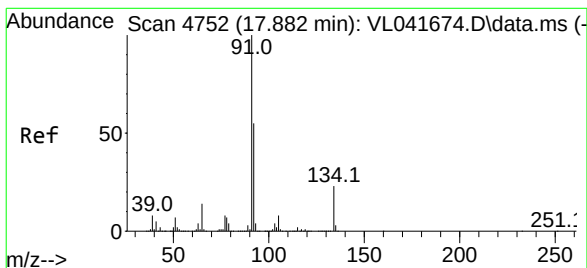
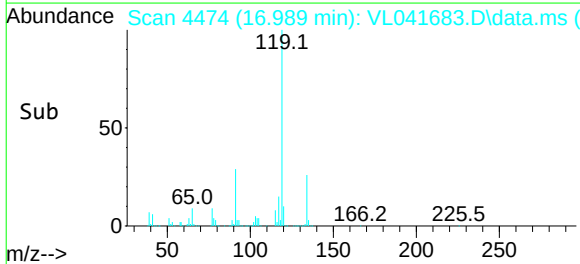
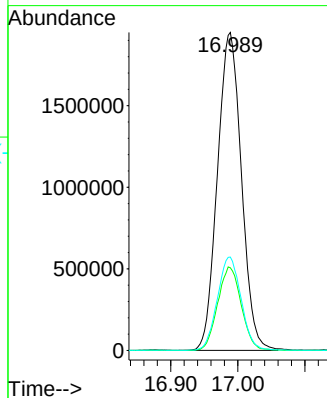
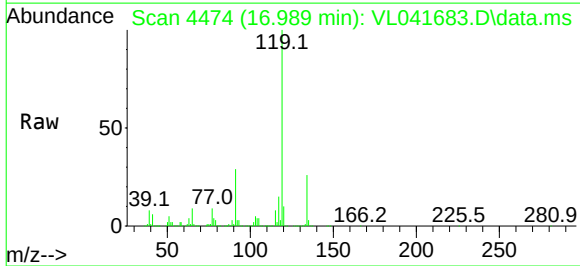
91 29.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#70

n-Butylbenzene

Concen: 10.661 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

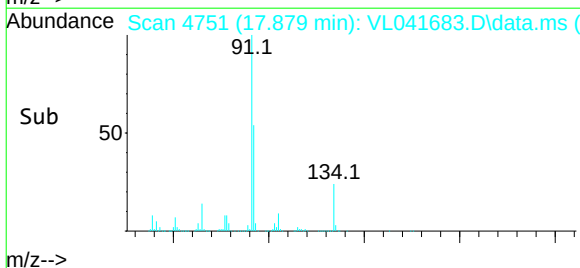
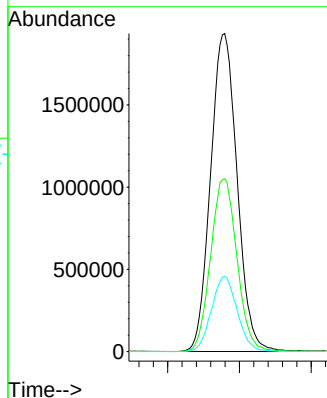
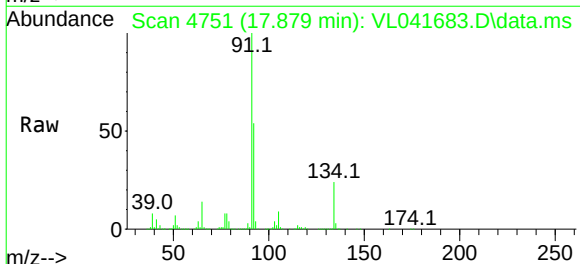
Tgt Ion: 91 Resp: 4962037

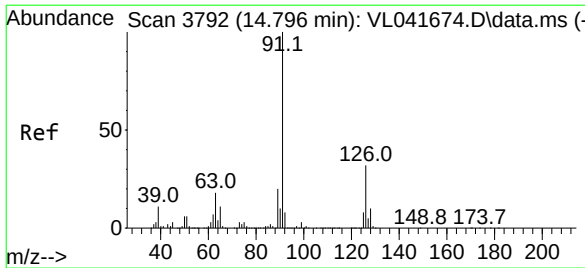
Ion Ratio Lower Upper

91 100

92 54.1 43.3 64.9

134 23.0 18.4 27.6





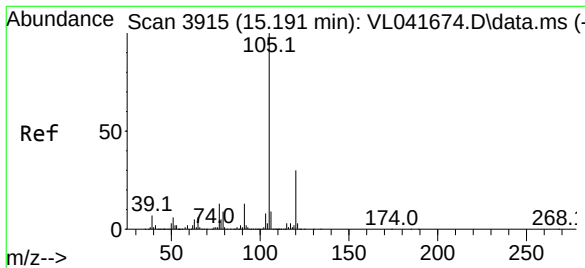
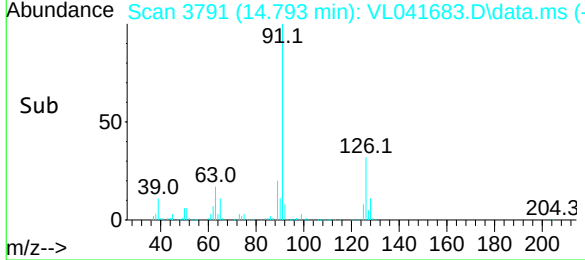
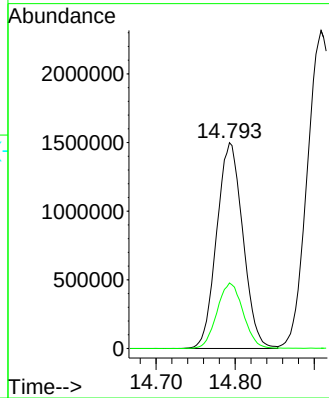
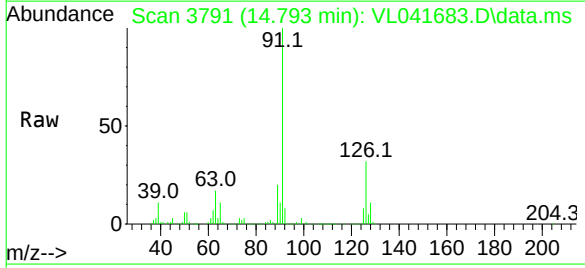
#71
2-Chlorotoluene
Concen: 10.731 ppbv
RT: 14.793 min Scan# 3792
Delta R.T. -0.003 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01

Tgt Ion: 91 Resp: 3445507
Ion Ratio Lower Upper
91 100
126 31.8 12.8 51.0

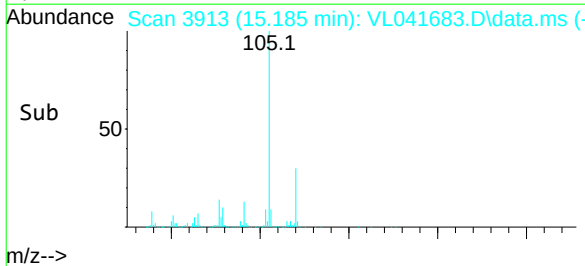
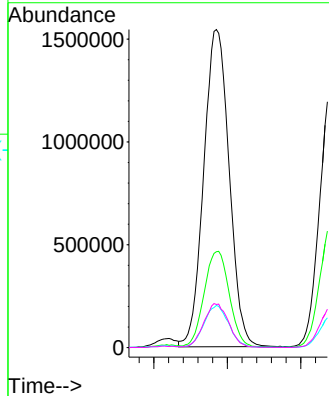
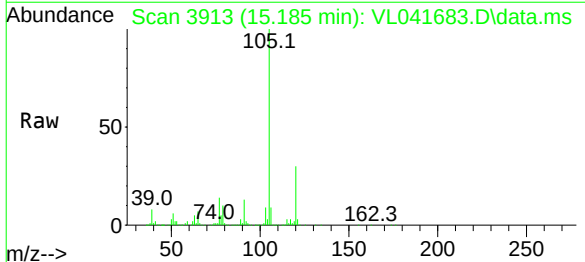
Manual Integrations
APPROVED

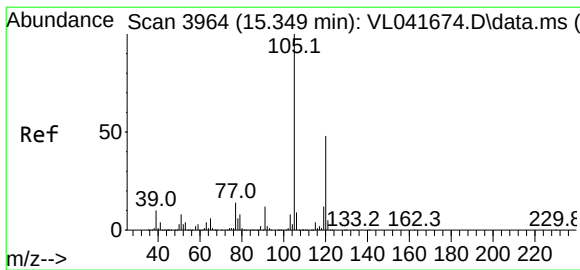
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 11.099 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Tgt Ion:105 Resp: 3711135
Ion Ratio Lower Upper
105 100
120 30.3 25.0 37.4
91 12.9 10.6 15.8
77 13.7 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.832 ppbv

RT: 15.343 min Scan# 39

Delta R.T. -0.006 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:105 Resp: 3178195

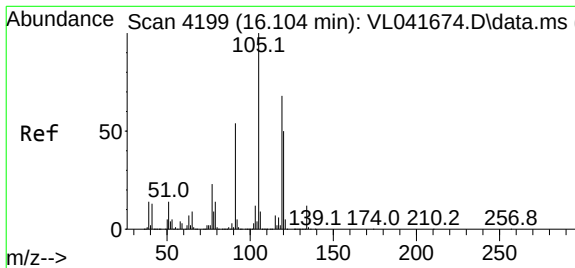
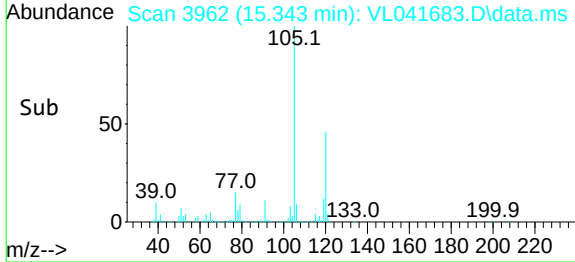
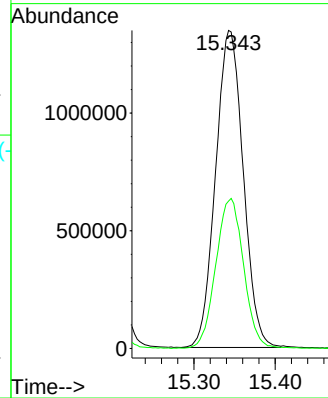
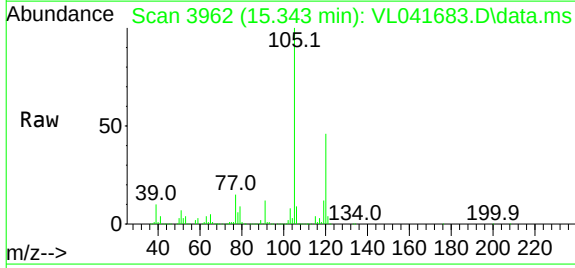
Ion	Ratio	Lower	Upper
105	100		
120	46.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.330 ppbv

RT: 16.101 min Scan# 4198

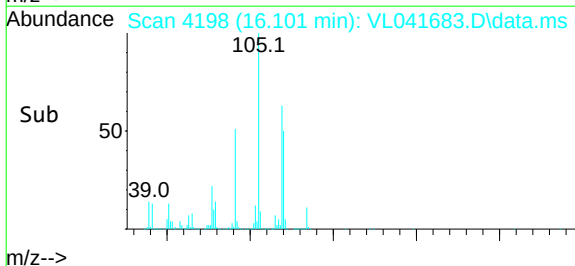
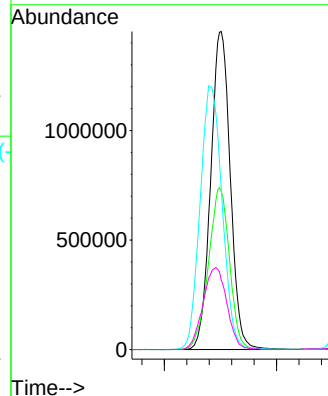
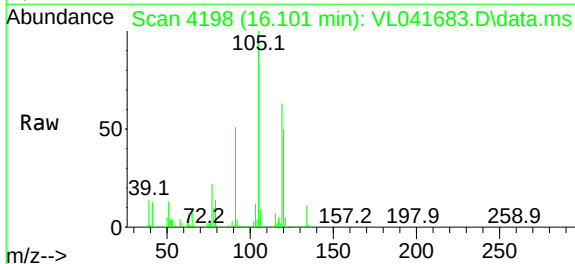
Delta R.T. -0.003 min

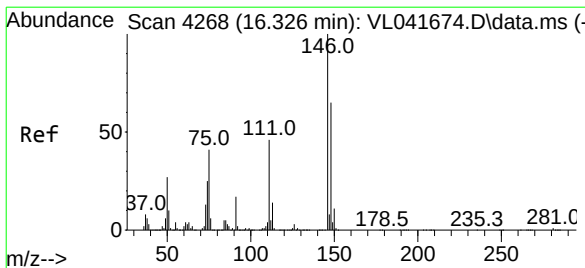
Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Tgt Ion:105 Resp: 3520719

Ion	Ratio	Lower	Upper
105	100		
120	49.7	39.8	59.8
91	50.7	43.2	64.8
77	21.8	18.5	27.7





#75

1,3-Dichlorobenzene

Concen: 10.235 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:146 Resp: 2160341

Ion Ratio Lower Upper

146 100

111 45.1 22.8 68.3

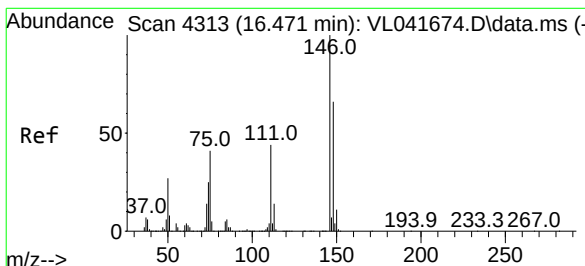
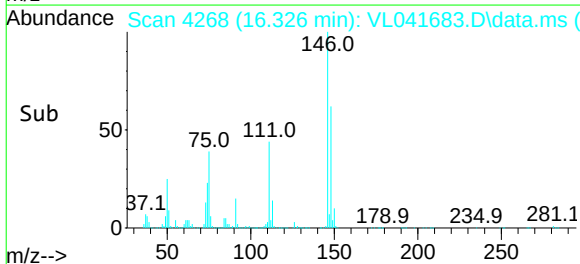
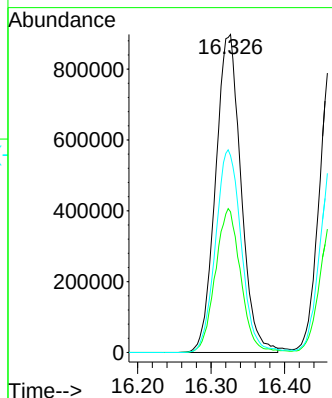
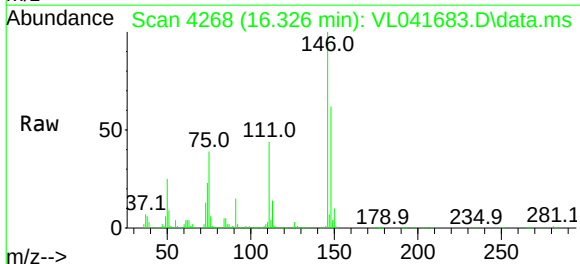
148 64.4 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#76

1,4-Dichlorobenzene

Concen: 10.196 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

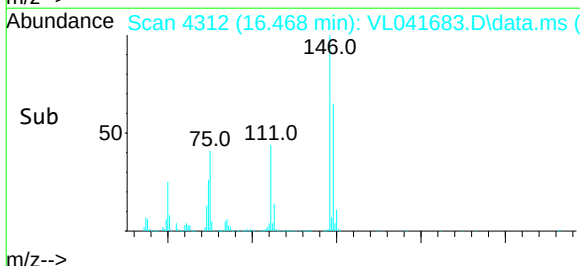
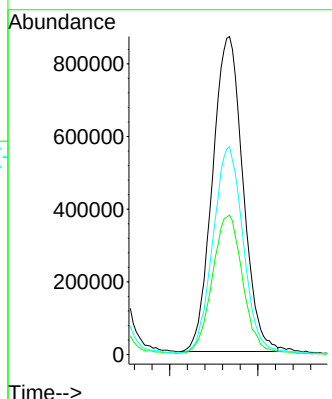
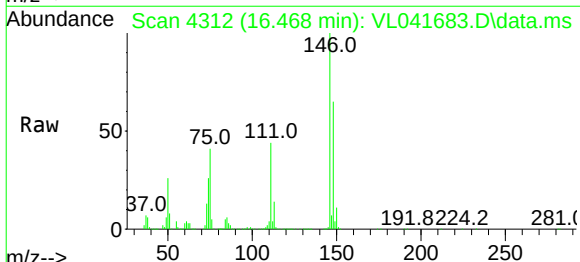
Tgt Ion:146 Resp: 2076558

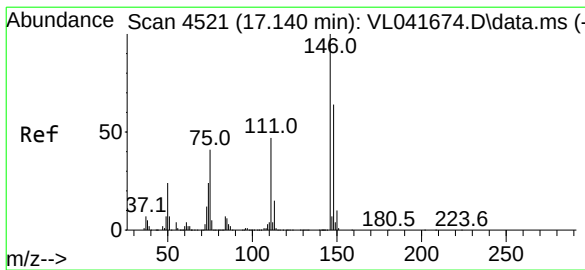
Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.3

148 67.0 33.3 99.8





#77

1,2-Dichlorobenzene

Concen: 10.065 ppbv

RT: 17.137 min Scan# 45

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:146 Resp: 2104681

Ion Ratio Lower Upper

146 100

111 46.8 23.4 70.3

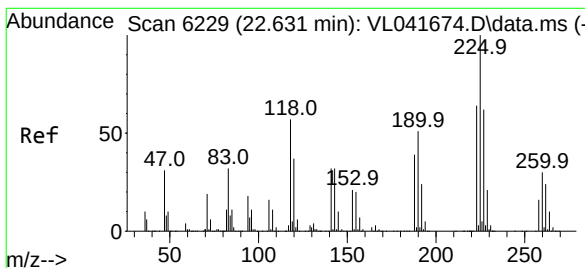
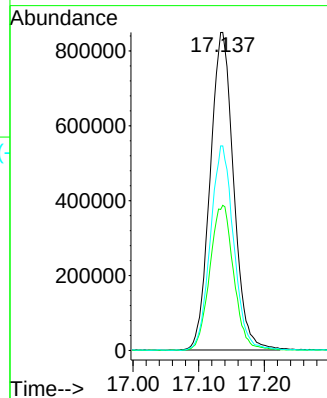
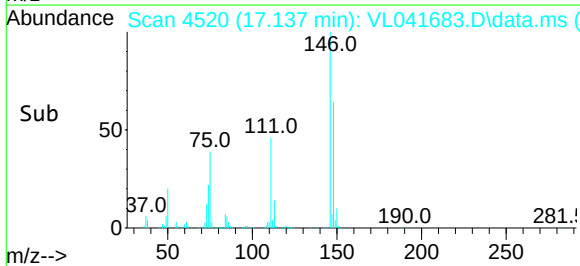
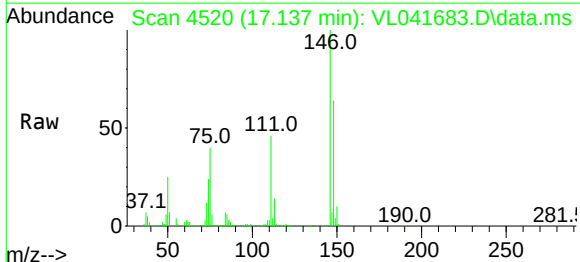
148 64.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.344 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. -0.009 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

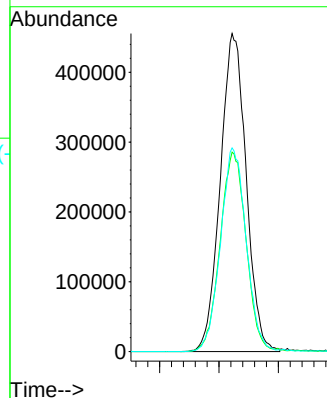
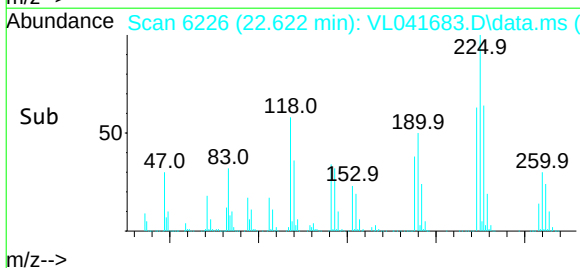
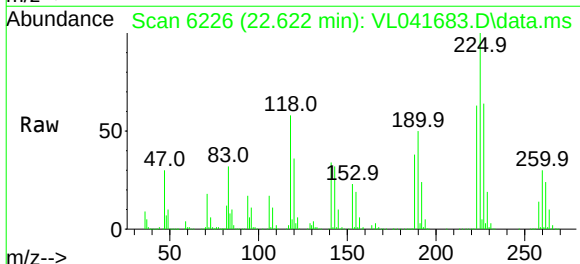
Tgt Ion:225 Resp: 1379912

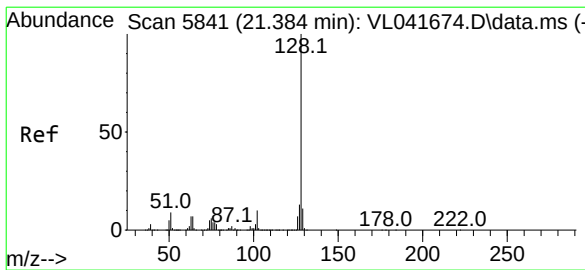
Ion Ratio Lower Upper

225 100

223 63.4 51.1 76.7

227 63.8 51.3 76.9





#79

Naphthalene

Concen: 12.474 ppbv

RT: 21.374 min Scan# 5841

Delta R.T. -0.009 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

Instrument :

MSVOA_L

ClientSampleId :

VL1107ABS01

Tgt Ion:128 Resp: 2624137

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

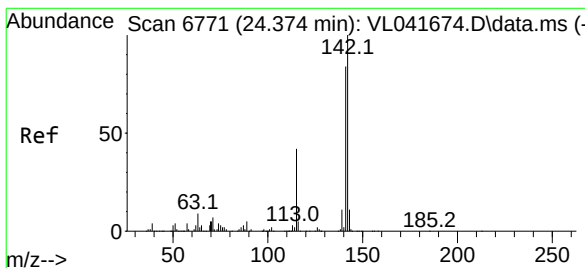
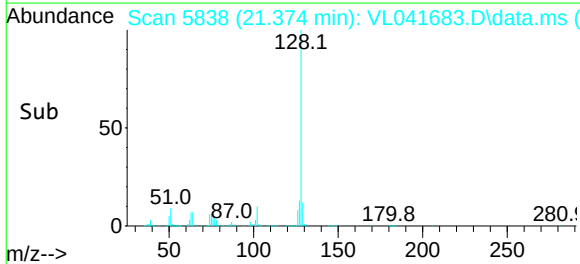
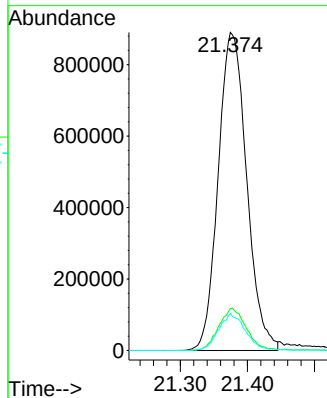
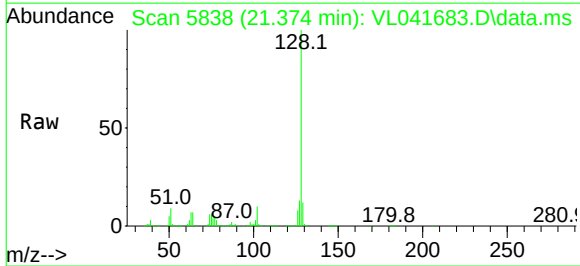
129 11.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#80

Naphthalene,2-methyl-

Concen: 7.653 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. -0.003 min

Lab File: VL041683.D

Acq: 7 Nov 2024 18:24

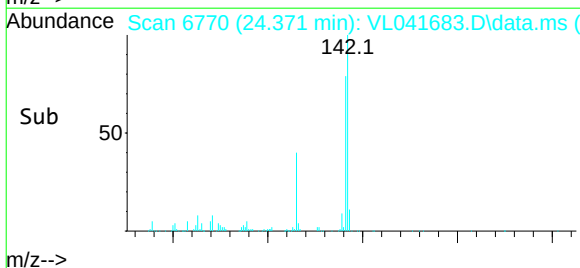
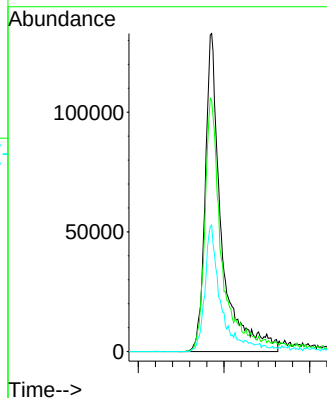
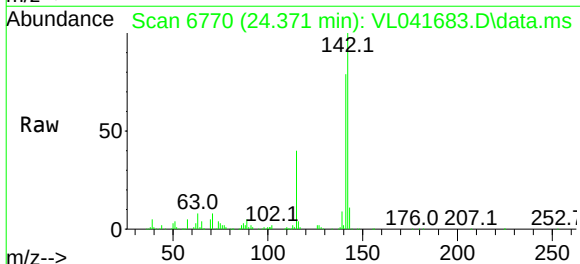
Tgt Ion:142 Resp: 350949

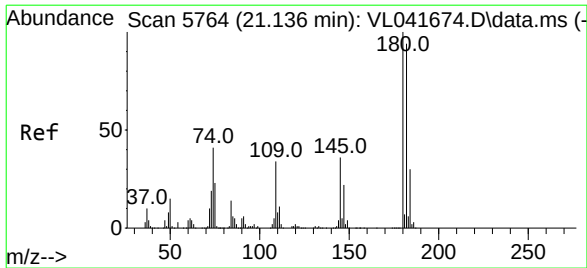
Ion Ratio Lower Upper

142 100

141 80.8 68.1 102.1

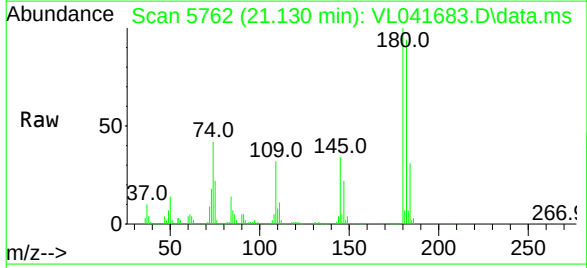
115 39.7 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 10.230 ppbv
RT: 21.130 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL041683.D
Acq: 7 Nov 2024 18:24

Instrument :
MSVOA_L
ClientSampleId :
VL1107ABS01



Tgt Ion:180 Resp: 1353417
Ion Ratio Lower Upper
180 100
182 97.3 78.2 117.2
184 31.6 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

