

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
 Data File : VL041697.D
 Acq On : 20 Nov 2024 8:09
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 21 05:07:41 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 : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) Bromochloromethane	5.205	49	1123466	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.668	114	3154537	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.481	117	3148626m	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2309915	9.957	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.739	85	2140449	10.541	ppbv	99
3) Chlorodifluoromethane	2.684	51	1415484	9.670	ppbv	99
4) Chloromethane	2.822	50	765196	9.869	ppbv	97
5) Vinyl Chloride	2.931	62	741512	10.631	ppbv	98
6) Bromomethane	3.131	94	384455	10.391	ppbv	99
7) Chloroethane	3.208	64	262500	10.312	ppbv	99
8) Dichlorotetrafluoroethane	2.867	85	1772200	9.777	ppbv	99
9) Propene	2.703	41	632787	9.921	ppbv	99
10) Heptane	7.590	43	1565567	10.954	ppbv	100
11) Trichlorofluoromethane	3.575	101	1779018	10.058	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	1291192	10.044	ppbv	100
13) Ethanol	3.256	45	35224m	9.019	ppbv	
14) Bromoethene	3.375	108	532947	10.312	ppbv	97
15) Acetone	3.478	43	1367331	9.889	ppbv	100
16) 1,3-Butadiene	2.996	39	749348	10.741	ppbv	98
17) tert-Butyl alcohol	3.890	59	1234931	10.178	ppbv	100
18) 1,1-Dichloroethene	3.890	96	587002	10.411	ppbv	96
19) Isopropyl Alcohol	3.587	45	676609	10.238	ppbv	98
20) Methylene Chloride	3.944	84	485339	9.539	ppbv	97
21) Allyl Chloride	4.009	41	920766	10.777	ppbv	99
22) trans-1,2-Dichloroethene	4.459	96	595977	10.631	ppbv	97
23) Vinyl Acetate	4.639	43	635436	10.425	ppbv	98
24) 1,1-Dichloroethane	4.574	63	1289373	10.304	ppbv	99
25) Ethyl Acetate	5.214	43	2953915	10.321	ppbv	100
26) Hexane	5.224	57	1161873	10.567	ppbv	99
27) Carbon Disulfide	4.134	76	1447099	11.714	ppbv	100
28) Methyl tert-Butyl Ether	4.597	73	696845	9.841	ppbv	99
29) Chloroform	5.288	83	1838047	10.127	ppbv	99
30) Cyclohexane	6.616	84	996570	10.644	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	1122533	10.612	ppbv	98
32) 1,1,1-Trichloroethane	6.015	97	1767346	10.673	ppbv	99
34) 2-Butanone	4.796	43	1528409	9.731	ppbv	99
35) Carbon Tetrachloride	6.507	117	1867710	11.222	ppbv	99
36) Benzene	6.385	78	2472710	10.579	ppbv	97
37) 1,2-Dichloroethane	5.819	62	1372788	10.411	ppbv	99
38) Trichloroethene	7.304	130	1003555	11.179	ppbv	98
39) 1,2-Dichloropropane	7.089	63	955590	10.346	ppbv	97
40) 1,4-Dioxane	7.298	88	365570	11.031	ppbv	97
41) Tetrahydrofuran	5.568	42	989840	11.035	ppbv	100
42) Bromodichloromethane	7.262	83	1959114	10.692	ppbv	99
43) Methyl Methacrylate	7.488	69	946899	11.538	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	4173715	10.542	ppbv	100
45) t-1,3-Dichloropropene	8.725	75	949613	12.663	ppbv	98

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 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
 Supervised By : Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 05:07:41 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1284127	11.922	ppbv	99
47) 1,1,2-Trichloroethane	8.915	97	1022170	10.225	ppbv	98
48) Dibromochloromethane	9.725	129	1691178	11.129	ppbv	99
49) Bromoform	12.420	173	1497113	11.514	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2640409	10.950	ppbv	99
51) 2-Hexanone	9.561	43	2067266	11.773	ppbv	100
52) Tetrachloroethene	10.629	164	902967	11.336	ppbv	98
53) Toluene	9.233	91	2828799	11.509	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1372700	11.753	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	1283659	9.885	ppbv	100
57) Chlorobenzene	11.539	112	2247475	9.651	ppbv	98
58) Ethyl Benzene	12.102	91	3843108	11.134	ppbv	99
59) m/p-Xylene	12.384	91	6556478m	21.210	ppbv	
60) o-Xylene	13.073	91	3175724	10.774	ppbv	99
61) Styrene	12.909	104	1525338	12.538	ppbv	99
62) Isopropylbenzene	14.044	105	4683267	10.288	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	2214634	10.214	ppbv	99
64) n-propylbenzene	14.931	120	1265758	10.621	ppbv	99
65) tert-Butylbenzene	16.101	119	4189774	10.240	ppbv	100
66) Benzyl Chloride	16.342	91	370716	11.778	ppbv	99
67) sec-Butylbenzene	16.648	105	5882804	10.201	ppbv	99
69) p-Isopropyltoluene	17.008	119	4911348	10.535	ppbv	100
70) n-Butylbenzene	17.899	91	5076678	10.643	ppbv	100
71) 2-Chlorotoluene	14.812	91	3541658	10.763	ppbv	100
72) 4-Ethyltoluene	15.204	105	3768131	10.996	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	3230569	10.743	ppbv	100
74) 1,2,4-Trimethylbenzene	16.121	105	3599066	10.304	ppbv	98
75) 1,3-Dichlorobenzene	16.346	146	2220877	10.266	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	2183586	10.462	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	2149012	10.028	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	1424868	8.407	ppbv	100
79) Naphthalene	21.400	128	2807004	13.019	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	555593	11.821	ppbv	97
81) 1,2,4-Trichlorobenzene	21.153	180	1441690	10.633	ppbv	99

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

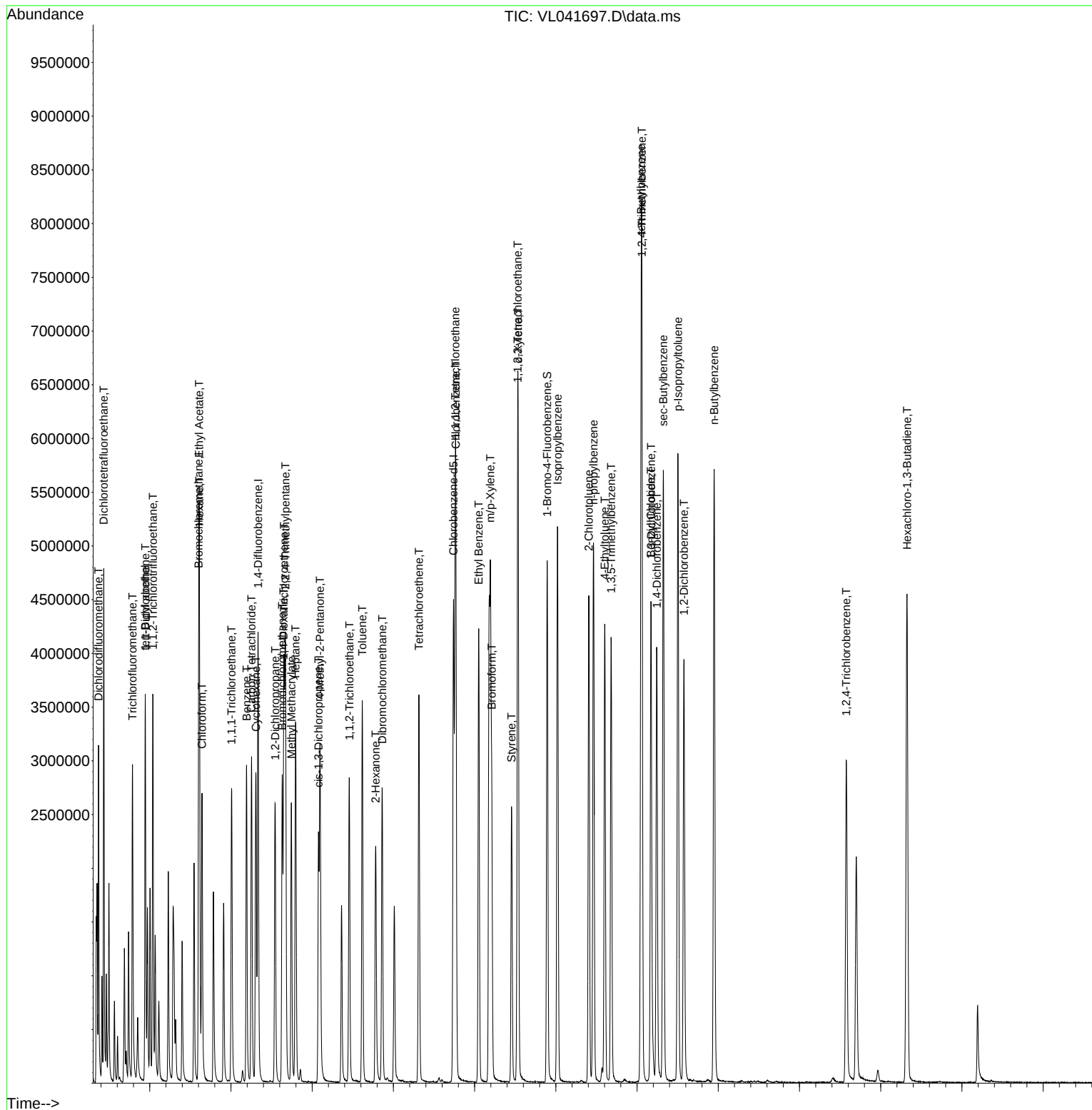
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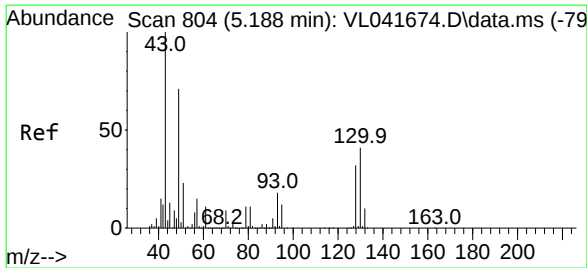
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/21/2024

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 08 01:01:00 2024
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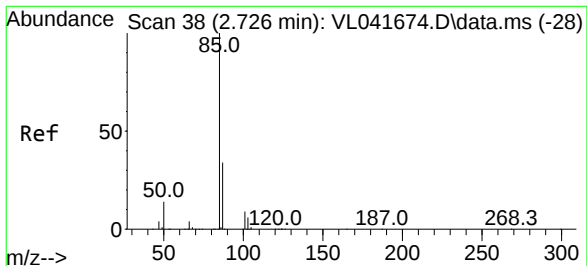
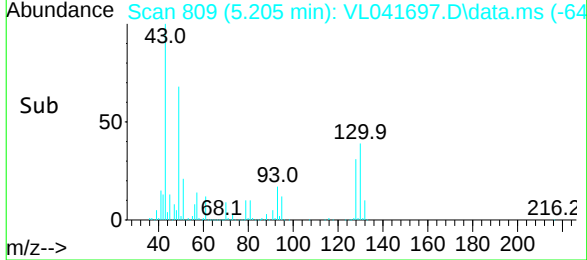
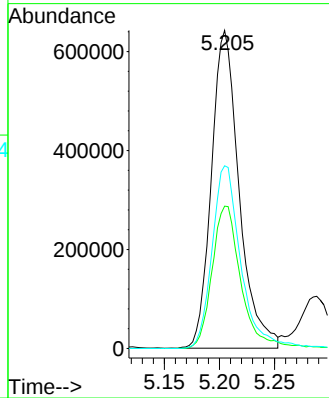
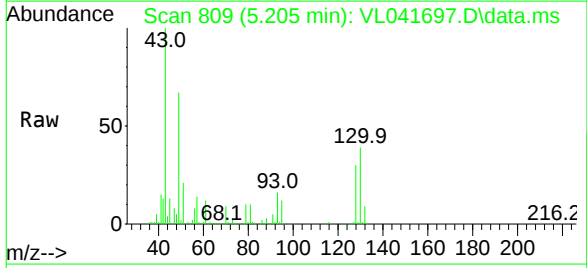
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.017 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1123466
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.2
130 61.0 30.1 90.5

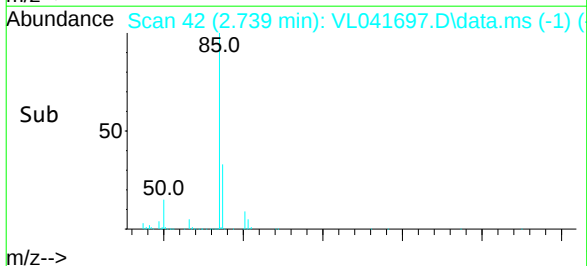
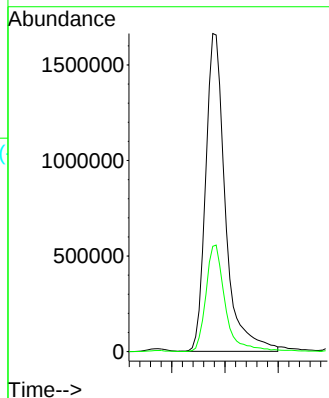
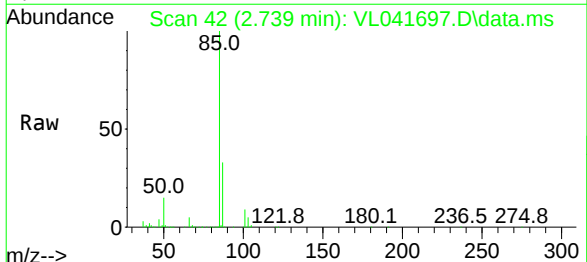
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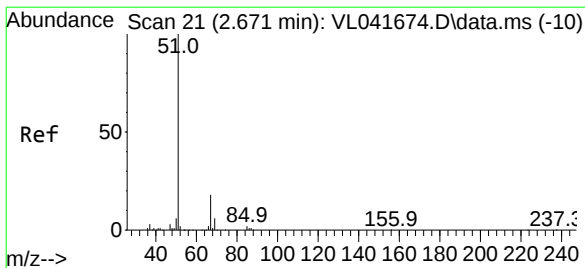
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#2
Dichlorodifluoromethane
Concen: 10.541 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

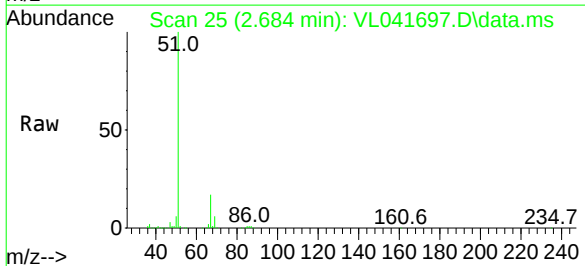
Tgt Ion: 85 Resp: 2140449
Ion Ratio Lower Upper
85 100
87 33.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.670 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

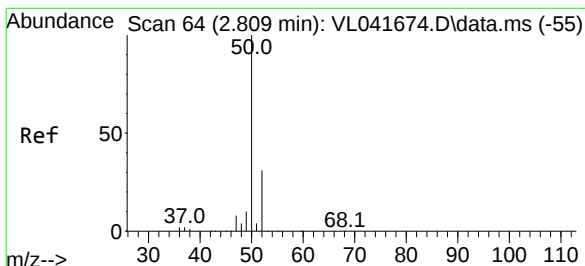
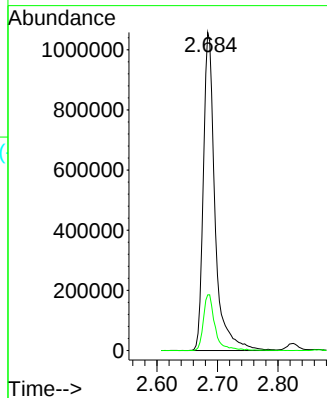
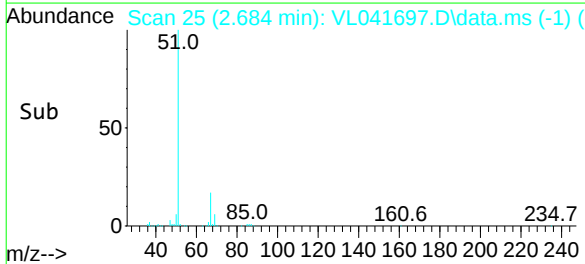
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1415484
Ion Ratio Lower Upper
51 100
67 17.6 13.9 20.9

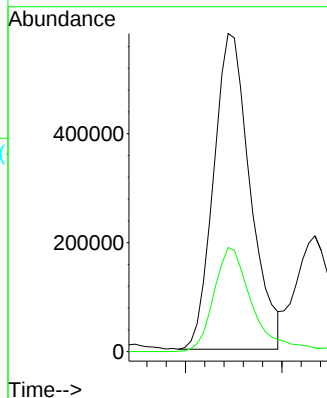
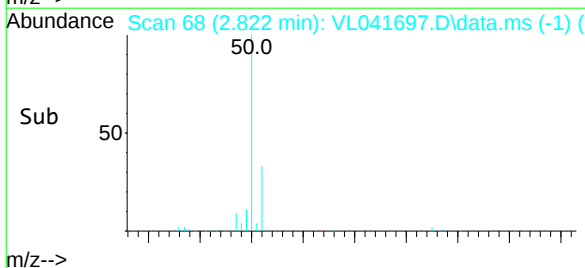
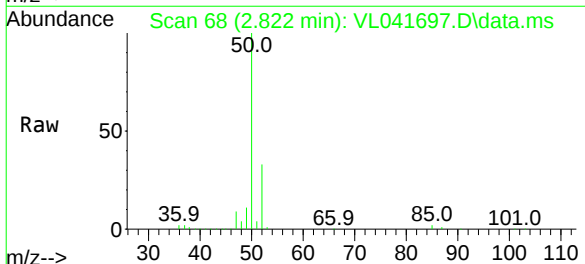
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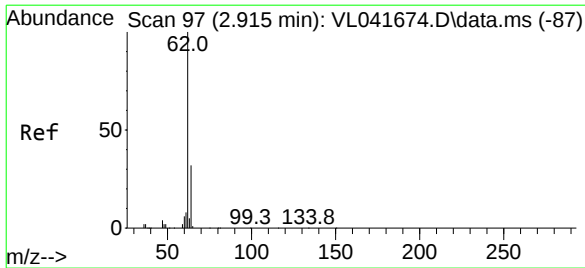
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#4
Chloromethane
Concen: 9.869 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 50 Resp: 765196
Ion Ratio Lower Upper
50 100
52 32.8 24.9 37.3





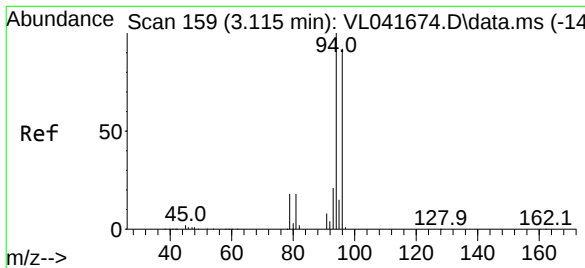
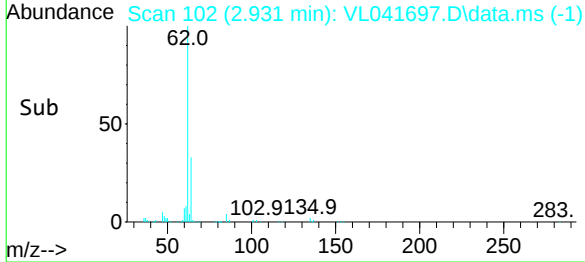
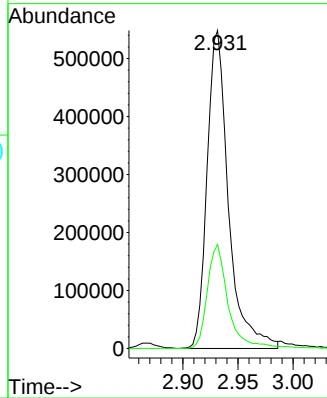
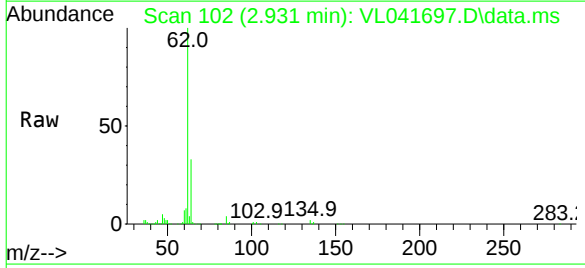
#5
 Vinyl Chloride
 Concen: 10.631 ppbv
 RT: 2.931 min Scan# 10
 Delta R.T. 0.016 min
 Lab File: VL041697.D
 Acq: 20 Nov 2024 8:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 741512
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.4 38.2

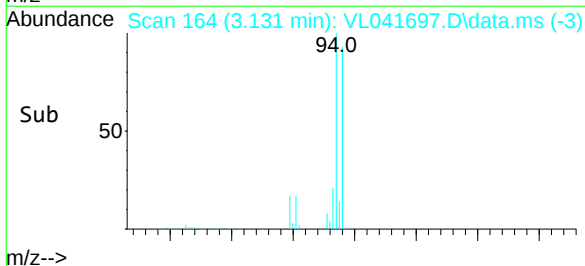
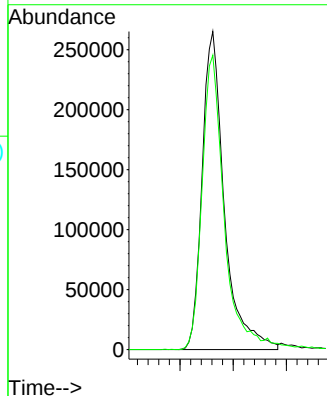
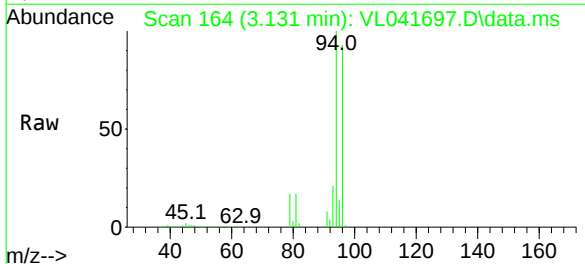
Manual Integrations
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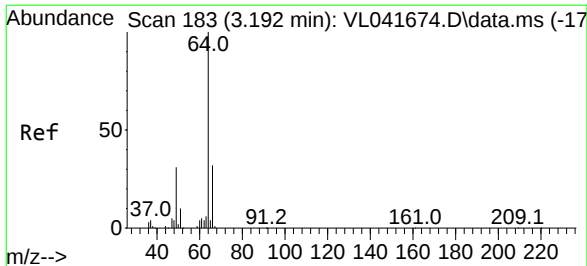
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#6
 Bromomethane
 Concen: 10.391 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.016 min
 Lab File: VL041697.D
 Acq: 20 Nov 2024 8:09

Tgt Ion: 94 Resp: 384455
 Ion Ratio Lower Upper
 94 100
 96 92.6 73.4 110.2





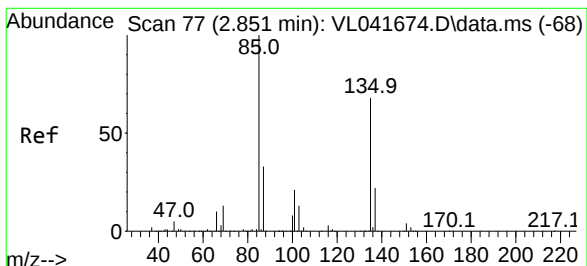
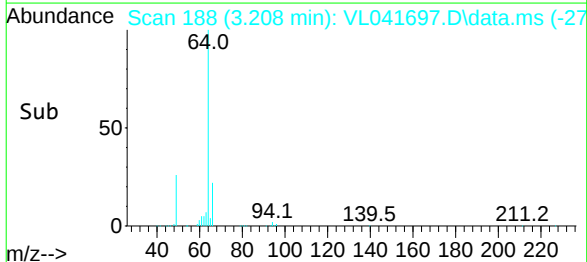
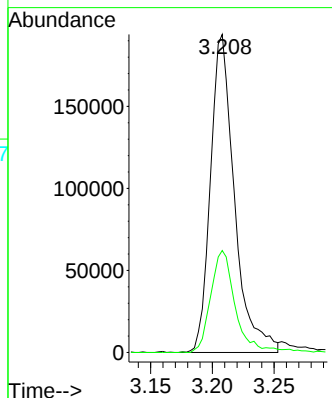
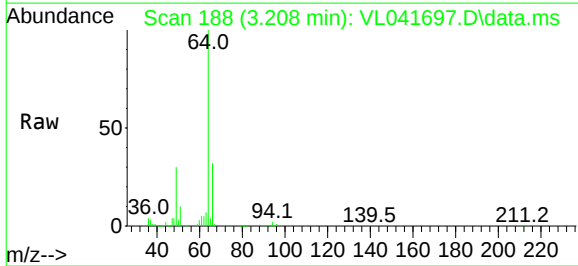
#7
Chloroethane
Concen: 10.312 ppbv
RT: 3.208 min Scan# 18
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 262500
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9

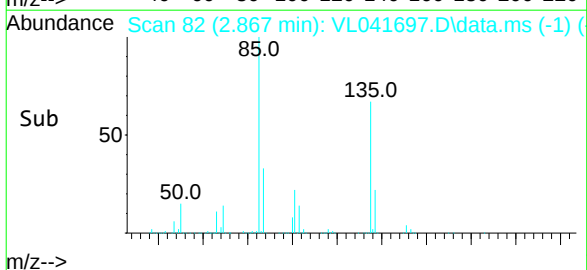
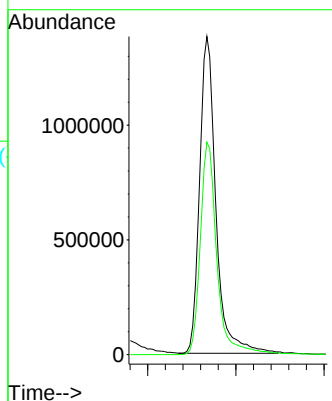
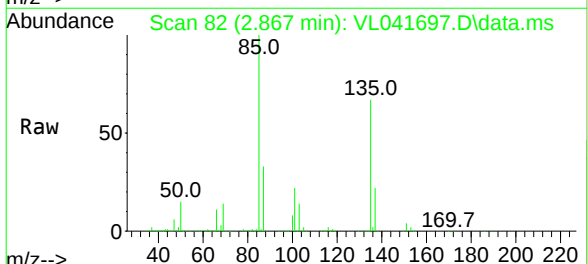
Manual Integrations
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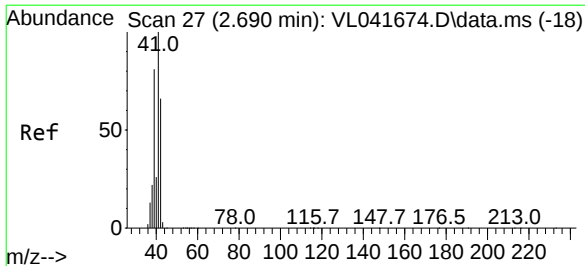
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#8
Dichlorotetrafluoroethane
Concen: 9.777 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 85 Resp: 1772200
Ion Ratio Lower Upper
85 100
135 68.7 55.5 83.3





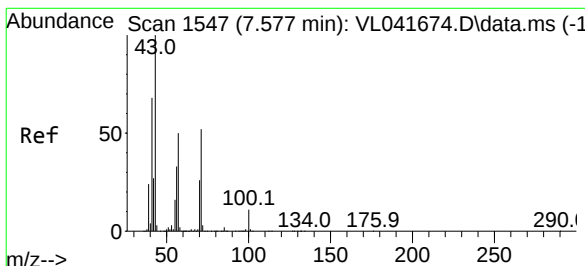
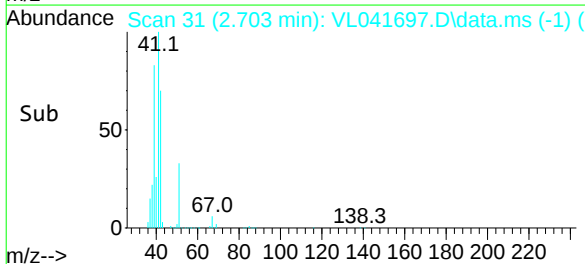
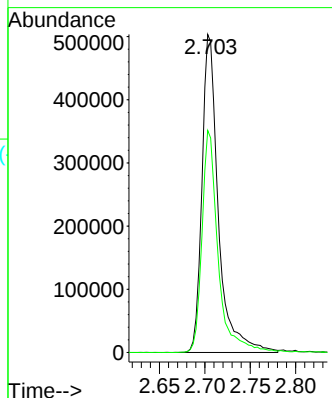
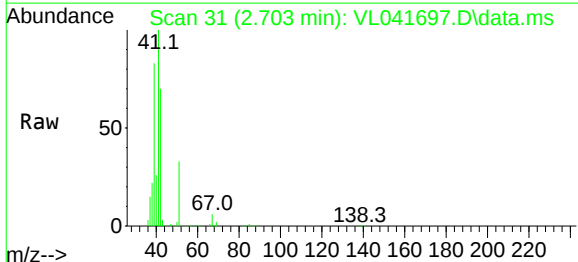
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 Propene
 Concen: 9.921 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VL041697.D
 Acq: 20 Nov 2024 8:09

Instrument :
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Tgt Ion: 41 Resp: 632787
 Ion Ratio Lower Upper
 41 100
 42 69.3 55.0 82.4

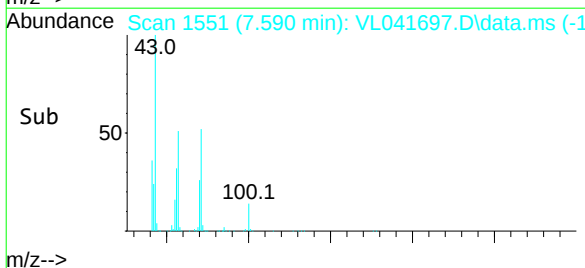
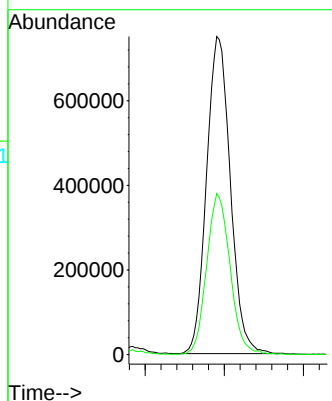
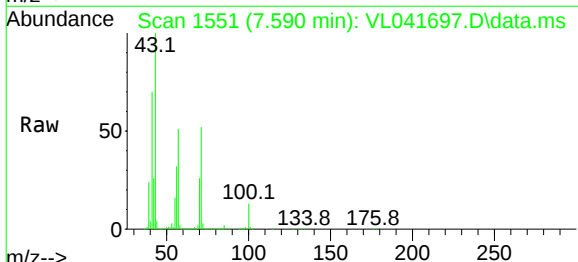
Manual Integrations
 APPROVED

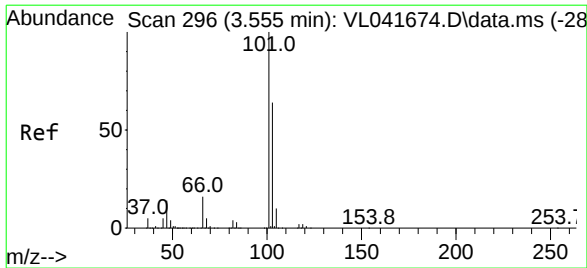
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#10
 Heptane
 Concen: 10.954 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.013 min
 Lab File: VL041697.D
 Acq: 20 Nov 2024 8:09

Tgt Ion: 43 Resp: 1565567
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.0 60.0





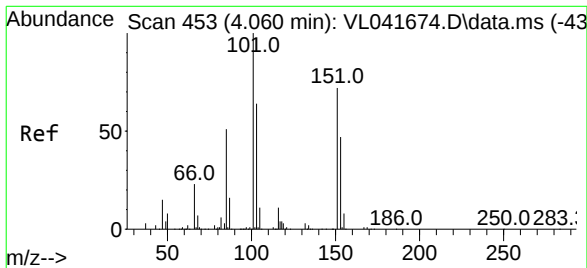
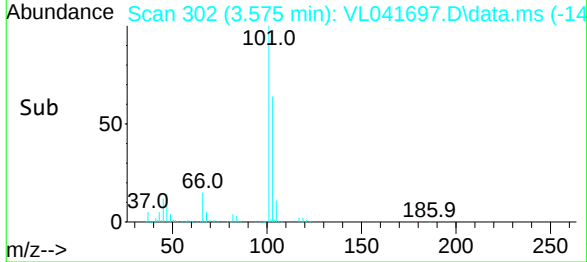
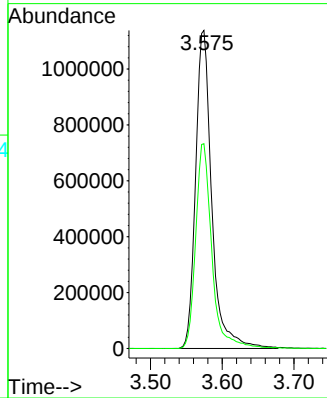
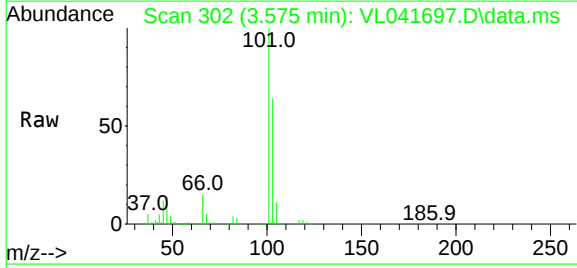
#11
Trichlorofluoromethane
Concen: 10.058 ppbv
RT: 3.575 min Scan# 301
Delta R.T. 0.019 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1779018
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

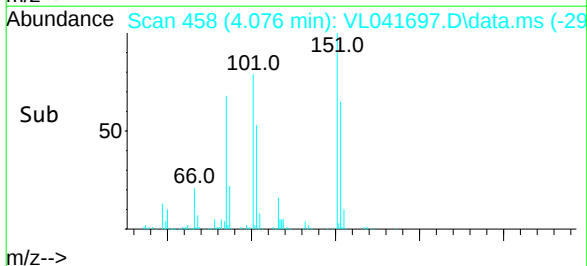
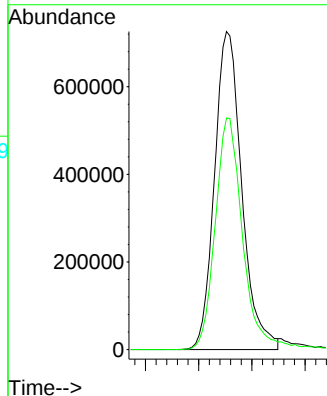
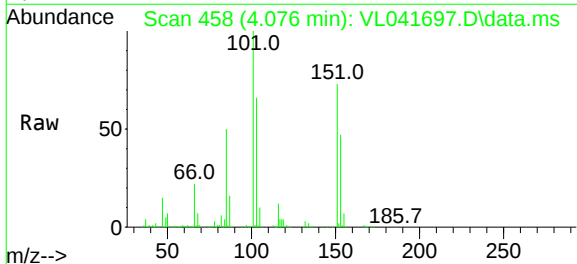
Manual Integrations
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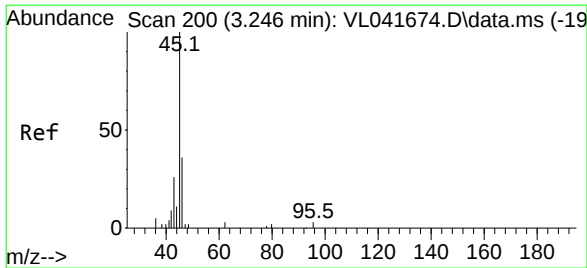
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.044 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion:101 Resp: 1291192
Ion Ratio Lower Upper
101 100
151 74.0 59.1 88.7





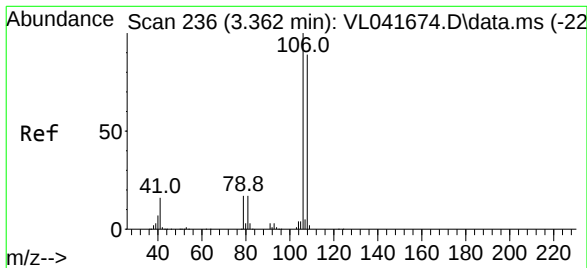
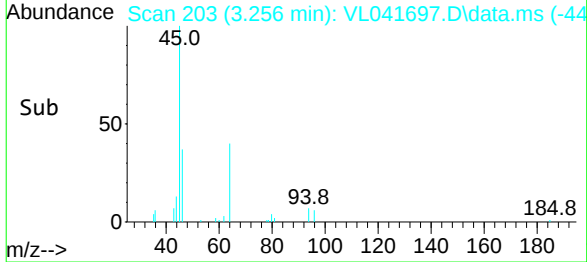
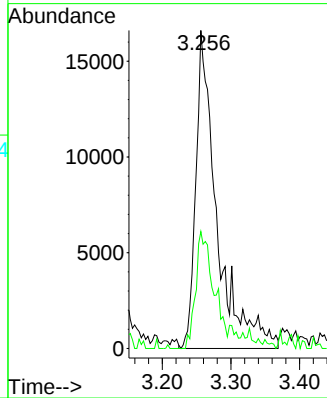
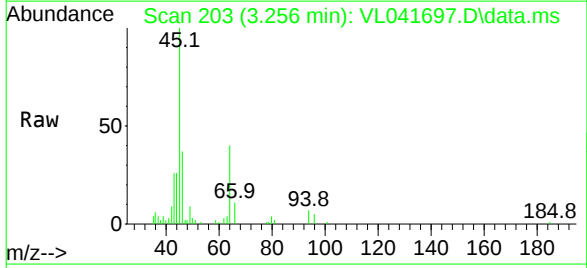
#13
Ethanol
Concen: 9.019 ppbv m
RT: 3.256 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 35224
Ion Ratio Lower Upper
45 100
46 37.6 13.8 55.2

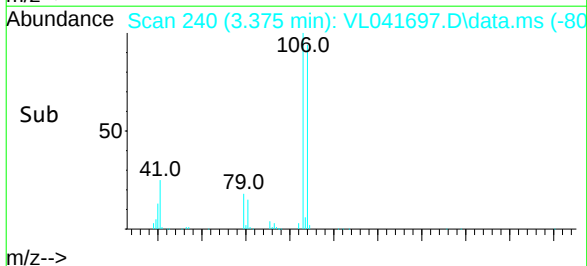
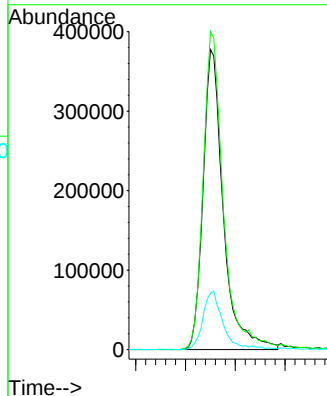
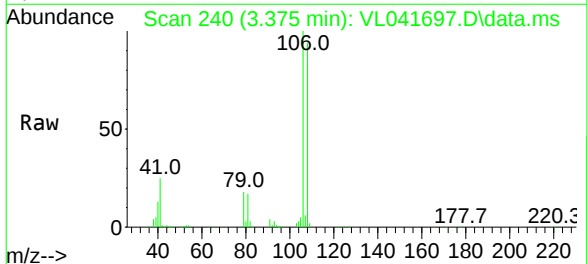
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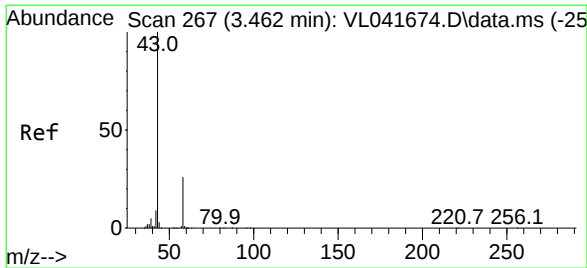
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#14
Bromoethene
Concen: 10.312 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion:108 Resp: 532947
Ion Ratio Lower Upper
108 100
106 107.3 88.6 133.0
79 20.3 15.6 23.4





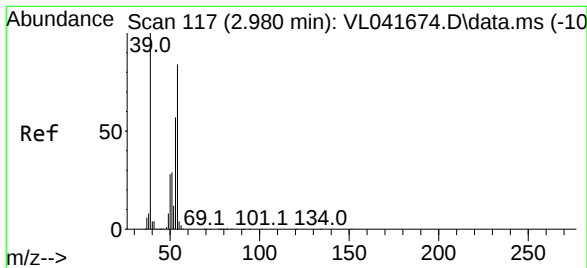
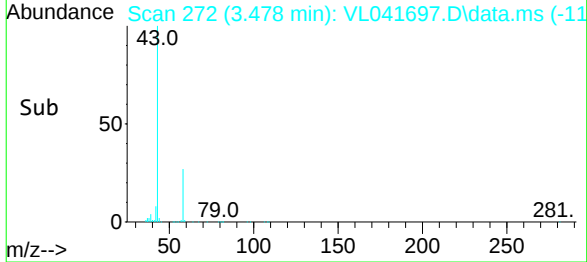
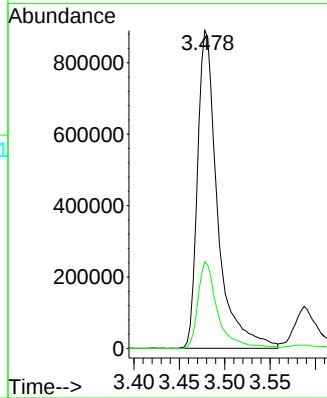
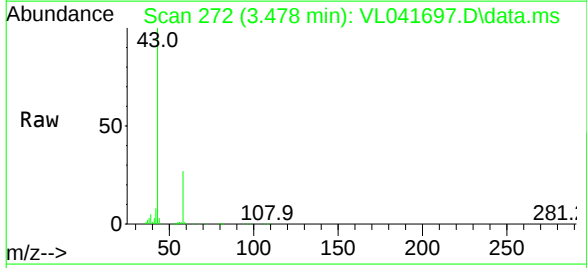
#15
Acetone
Concen: 9.889 ppbv
RT: 3.478 min Scan# 27
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1367331
Ion Ratio Lower Upper
43 100
58 26.8 21.4 32.0

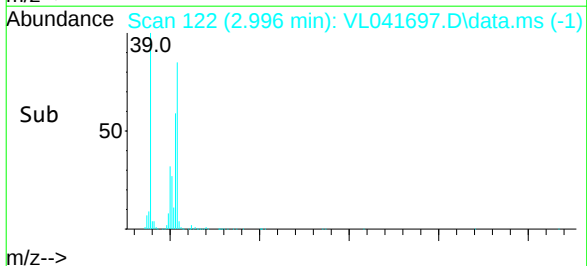
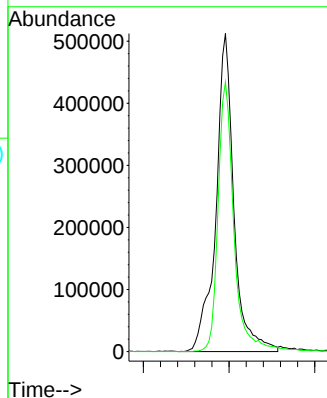
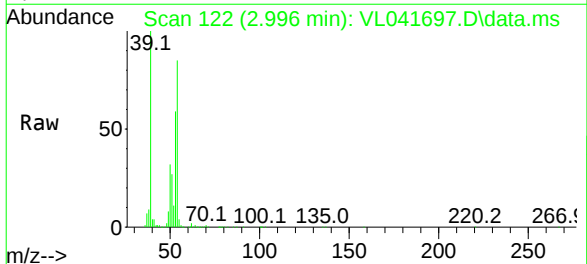
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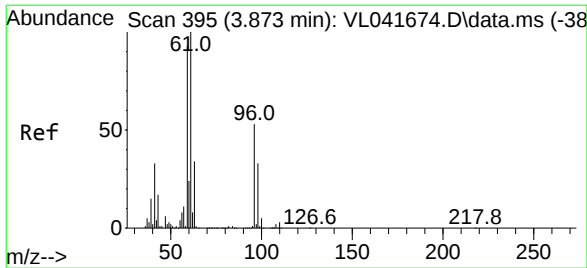
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#16
1,3-Butadiene
Concen: 10.741 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 39 Resp: 749348
Ion Ratio Lower Upper
39 100
54 74.9 61.3 91.9





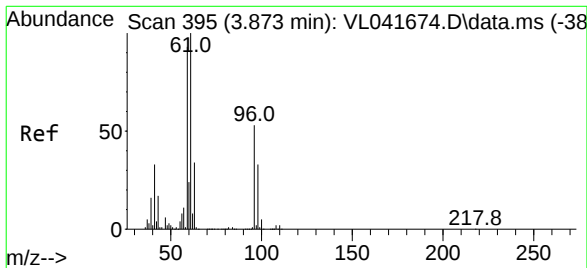
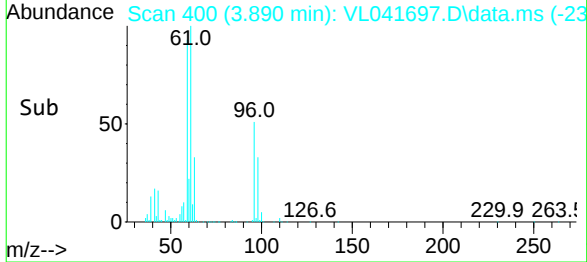
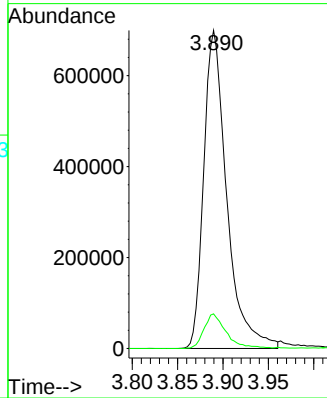
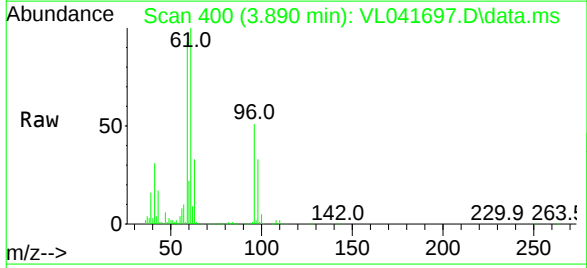
#17
tert-Butyl alcohol
Concen: 10.178 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1234931
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

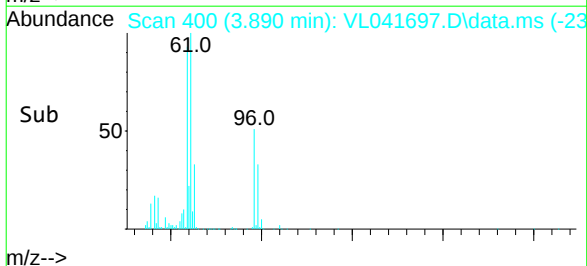
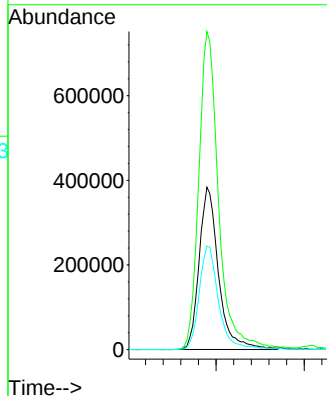
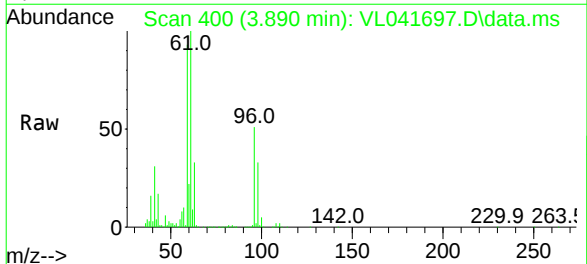
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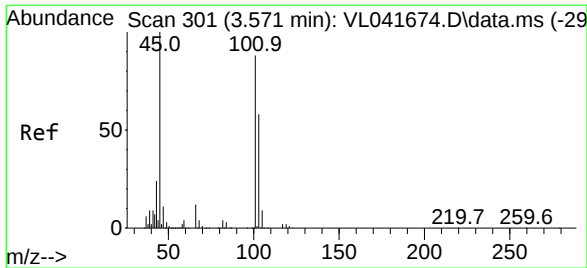
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#18
1,1-Dichloroethene
Concen: 10.411 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 96 Resp: 587002
Ion Ratio Lower Upper
96 100
61 195.7 150.7 226.1
98 63.6 49.4 74.2





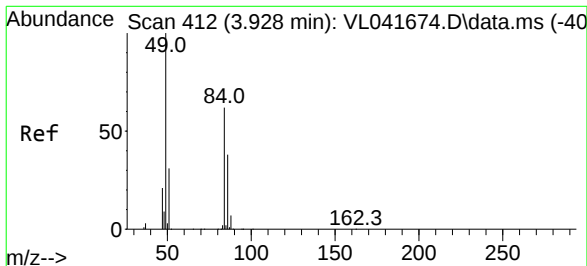
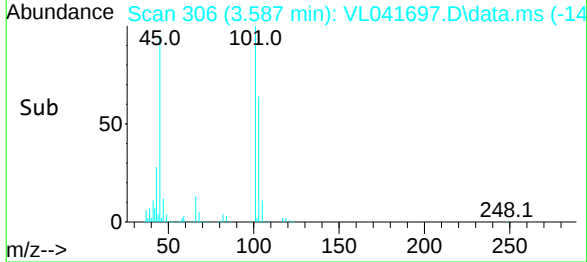
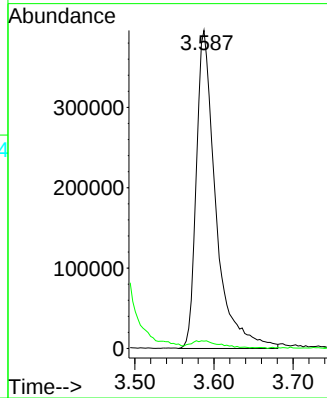
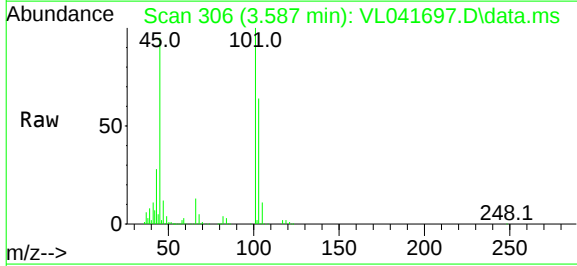
#19
Isopropyl Alcohol
Concen: 10.238 ppbv
RT: 3.587 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 676609
Ion Ratio Lower Upper
45 100
58 3.7 2.5 3.7

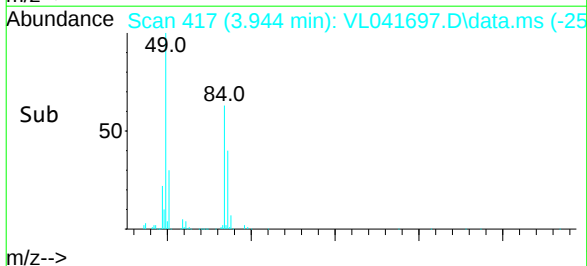
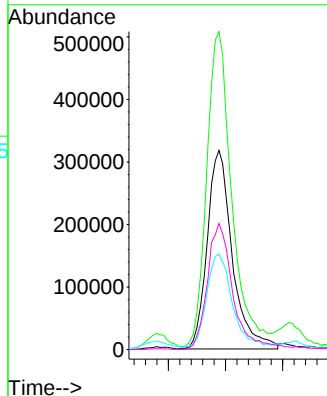
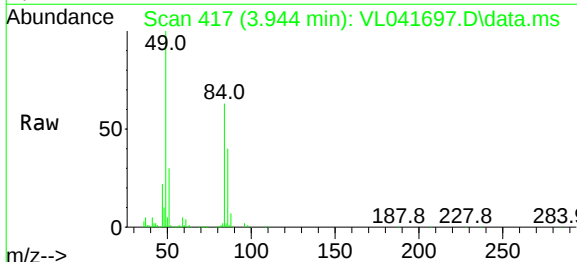
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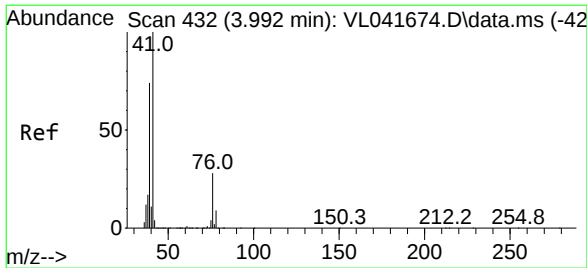
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#20
Methylene Chloride
Concen: 9.539 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 84 Resp: 485339
Ion Ratio Lower Upper
84 100
49 158.5 129.7 194.5
51 46.5 39.8 59.6
86 63.2 49.1 73.7





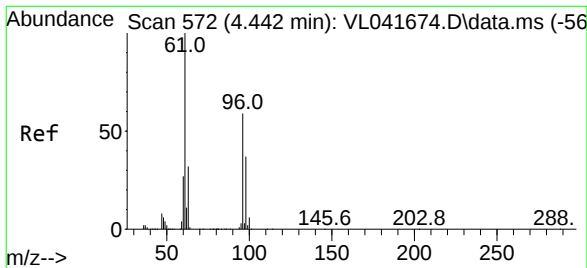
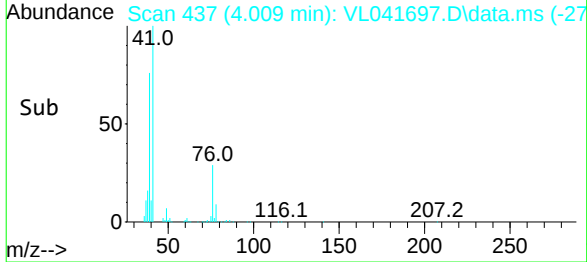
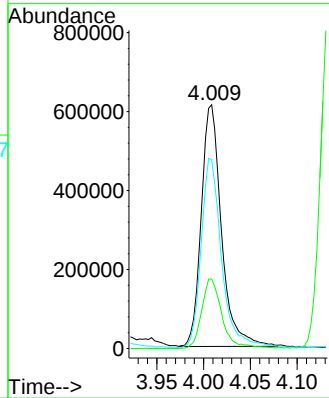
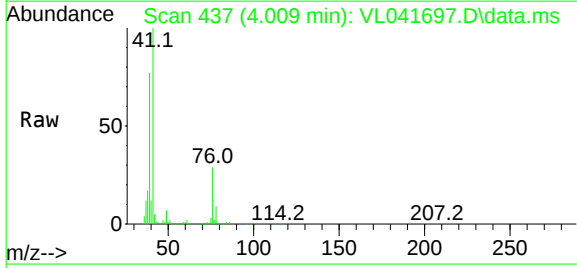
#21
Allyl Chloride
Concen: 10.777 ppbv
RT: 4.009 min Scan# 432
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 920766
Ion Ratio Lower Upper
41 100
76 29.1 23.5 35.3
39 79.3 63.0 94.4

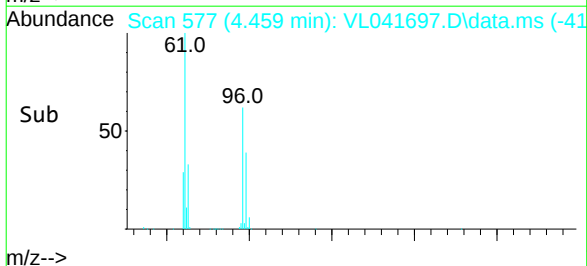
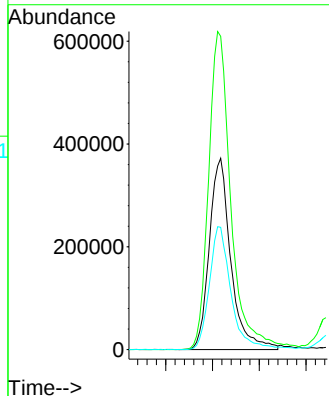
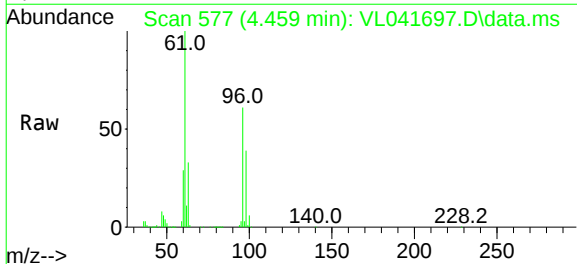
Manual Integrations
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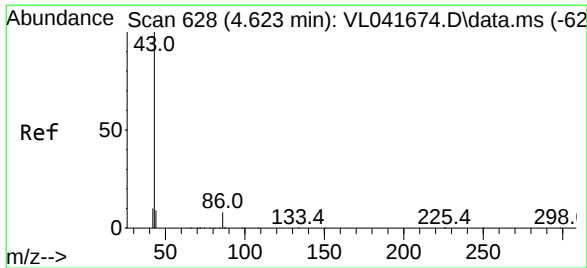
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#22
trans-1,2-Dichloroethene
Concen: 10.631 ppbv
RT: 4.459 min Scan# 577
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 96 Resp: 595977
Ion Ratio Lower Upper
96 100
61 163.7 134.5 201.7
98 63.8 49.6 74.4





#23
 Vinyl Acetate
 Concen: 10.425 ppbv
 RT: 4.639 min Scan# 635
 Delta R.T. 0.016 min
 Lab File: VL041697.D
 Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

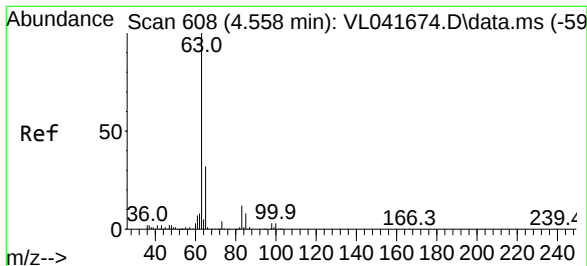
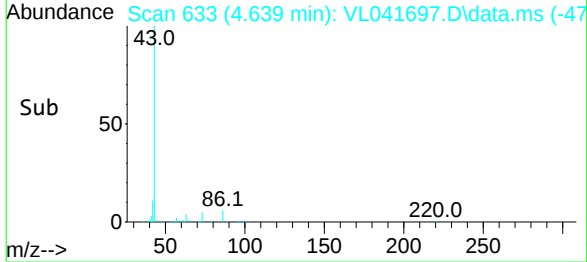
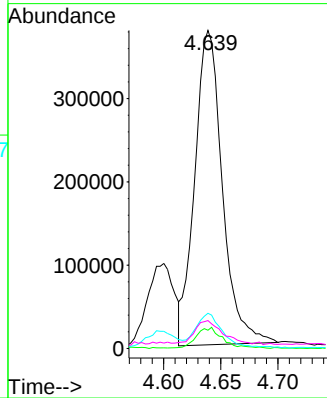
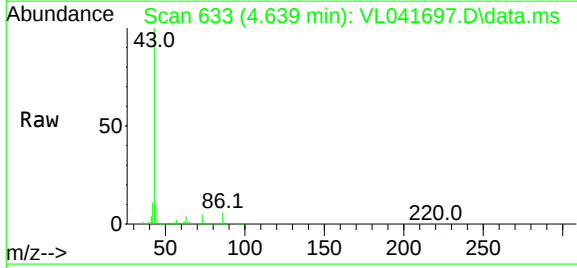
ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 635436
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.3 7.9
 42 10.8 8.5 12.7
 44 7.6 6.7 10.1

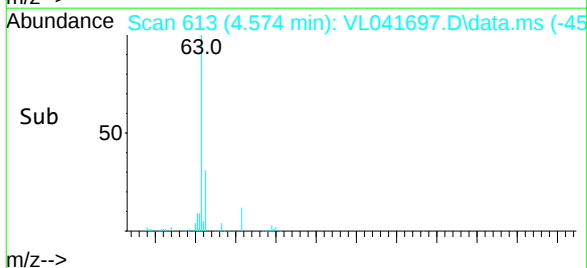
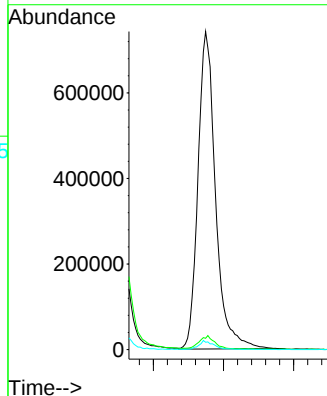
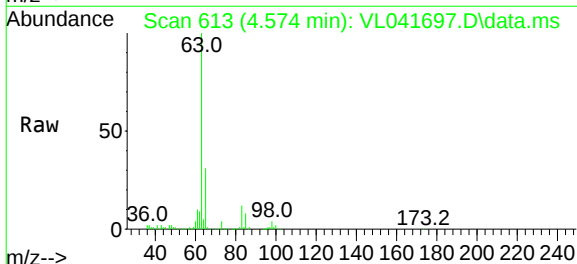
Manual Integrations
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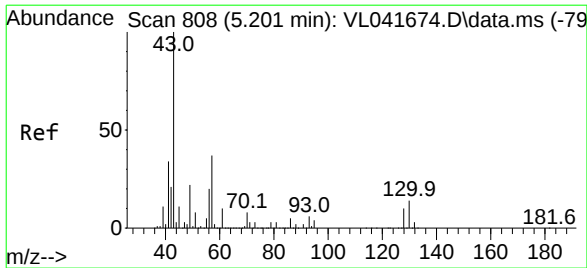
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#24
 1,1-Dichloroethane
 Concen: 10.304 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.016 min
 Lab File: VL041697.D
 Acq: 20 Nov 2024 8:09

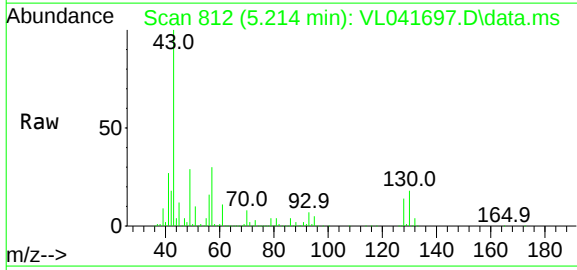
Tgt Ion: 63 Resp: 1289373
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.8 5.4
 100 2.3 1.4 4.2





#25
Ethyl Acetate
Concen: 10.321 ppbv
RT: 5.214 min Scan# 815
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

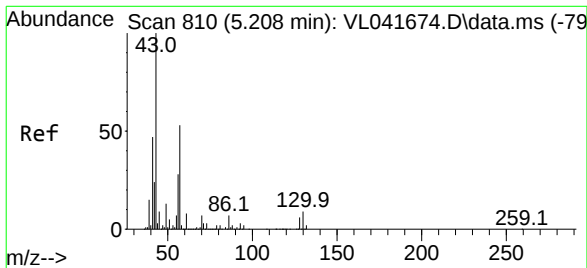
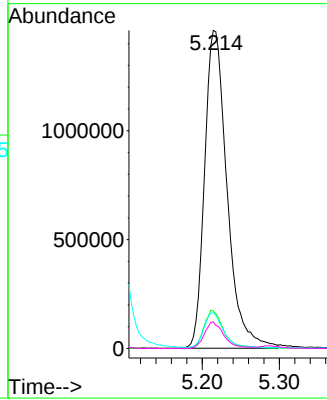
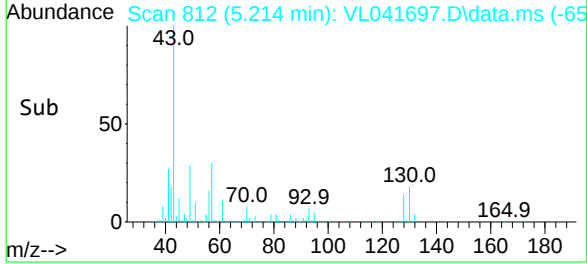
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



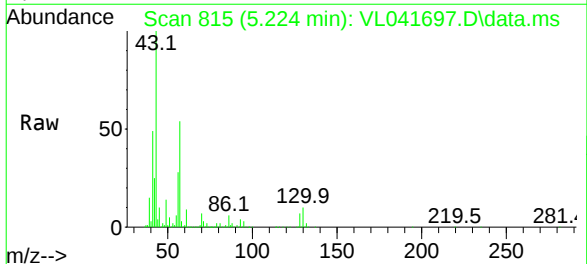
Tgt Ion: 43 Resp: 2953915
Ion Ratio Lower Upper
43 100
45 10.9 8.6 13.0
61 10.4 8.4 12.6
70 7.3 5.8 8.6

Manual Integrations
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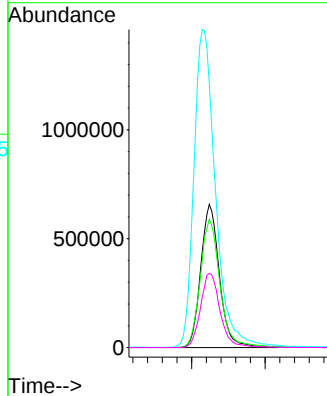
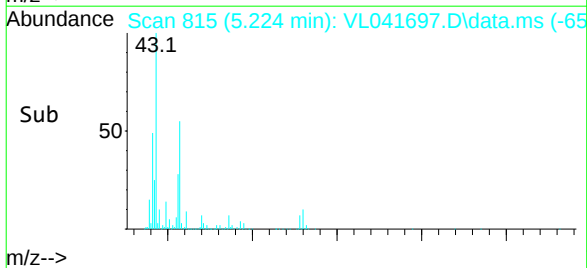
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

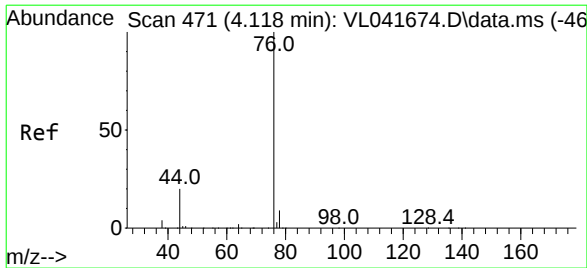


#26
Hexane
Concen: 10.567 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



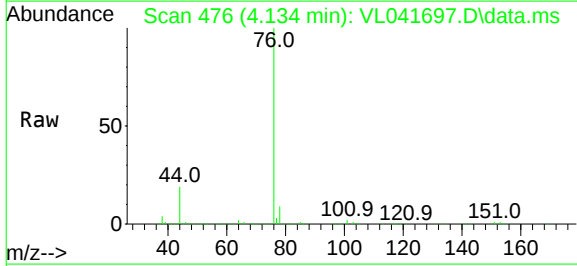
Tgt Ion: 57 Resp: 1161873
Ion Ratio Lower Upper
57 100
41 95.4 76.1 114.1
43 256.7 207.0 310.6
56 54.7 43.7 65.5





#27
Carbon Disulfide
Concen: 11.714 ppbv
RT: 4.134 min Scan# 471
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

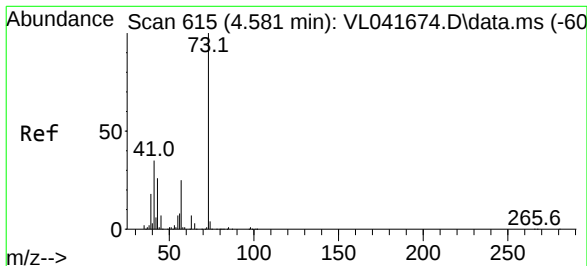
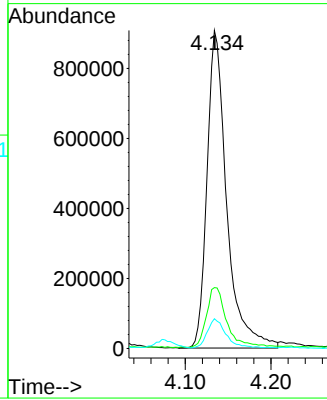
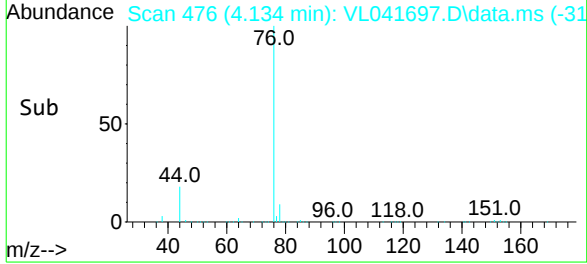
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1447099
Ion Ratio Lower Upper
76 100
44 19.8 15.8 23.8
78 9.4 7.5 11.3

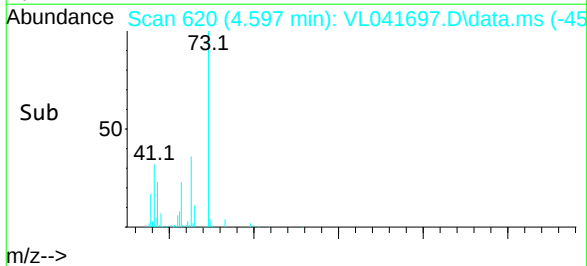
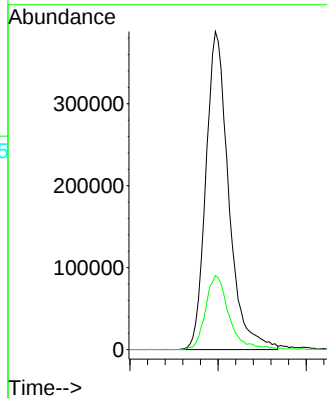
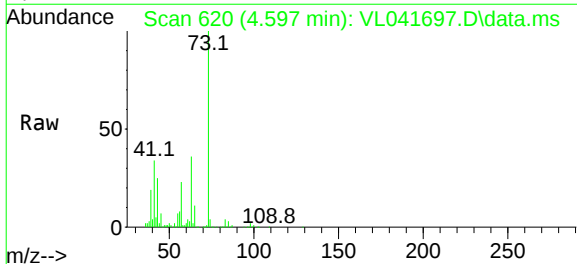
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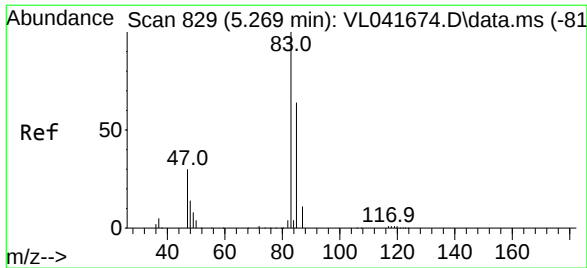
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#28
Methyl tert-Butyl Ether
Concen: 9.841 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 73 Resp: 696845
Ion Ratio Lower Upper
73 100
57 24.1 19.6 29.4





#29

Chloroform

Concen: 10.127 ppbv

RT: 5.288 min Scan# 83

Delta R.T. 0.019 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1838047

Ion Ratio Lower Upper

83 100

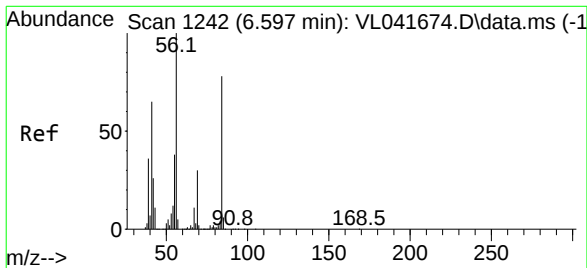
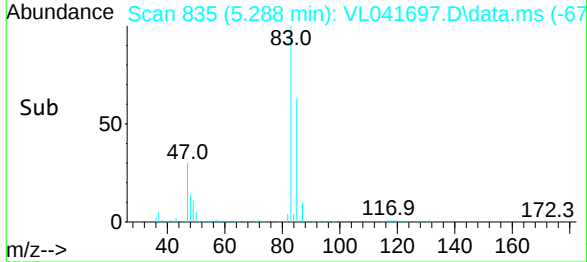
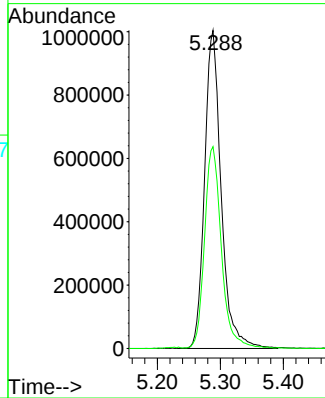
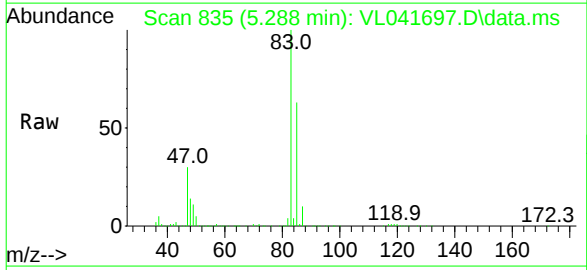
85 63.2 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#30

Cyclohexane

Concen: 10.644 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.019 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

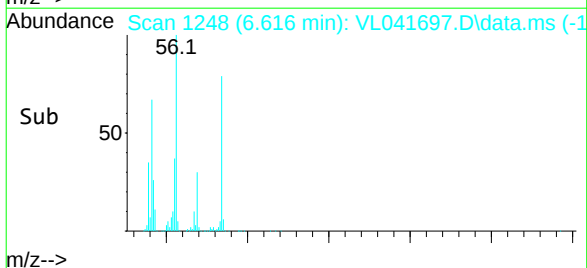
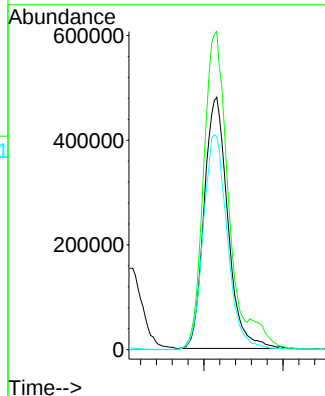
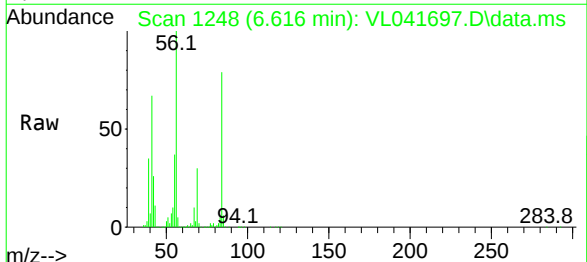
Tgt Ion: 84 Resp: 996570

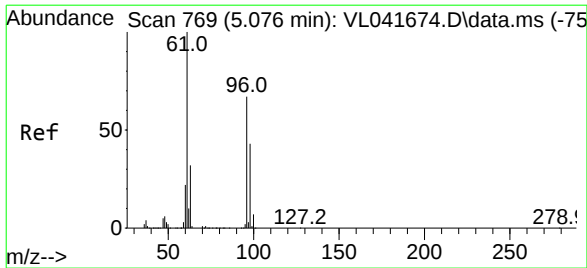
Ion Ratio Lower Upper

84 100

56 135.5 110.8 166.2

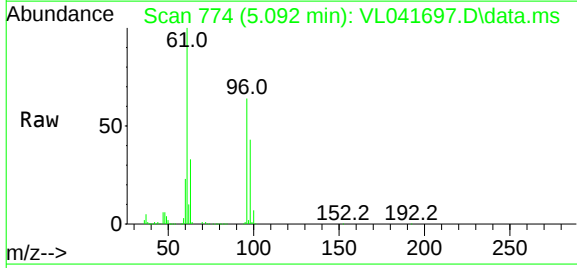
41 87.4 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 10.612 ppbv
RT: 5.092 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

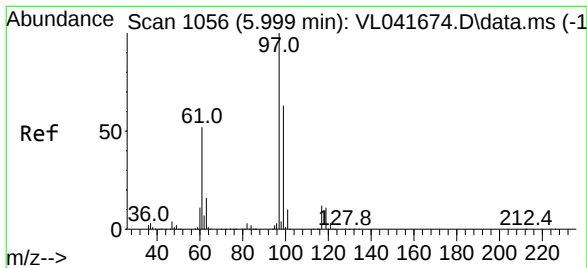
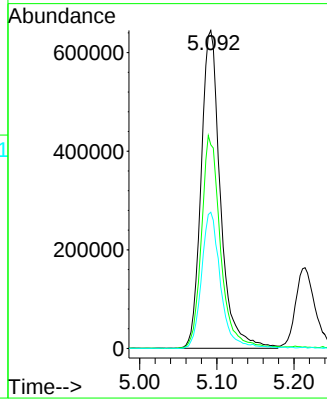
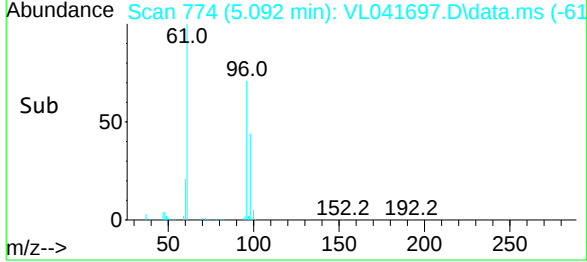
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



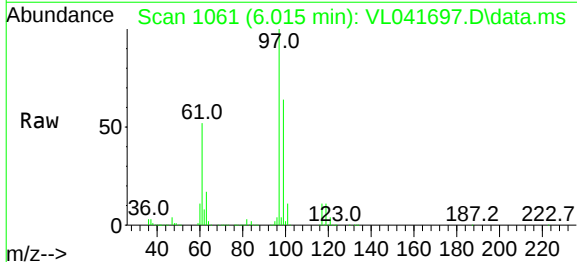
Tgt Ion: 61 Resp: 1122533
Ion Ratio Lower Upper
61 100
96 63.9 53.4 80.2
98 42.9 34.0 51.0

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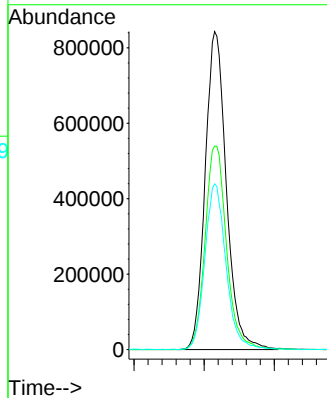
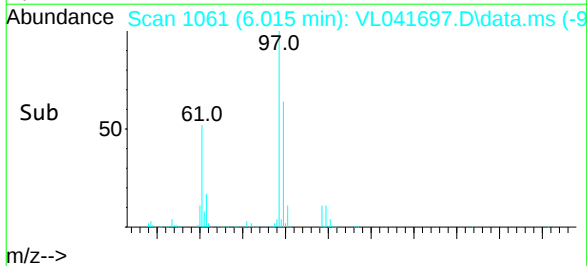
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

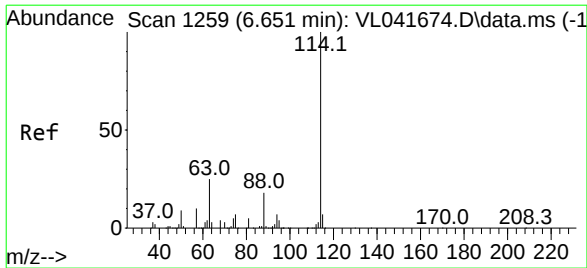


#32
1,1,1-Trichloroethane
Concen: 10.673 ppbv
RT: 6.015 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



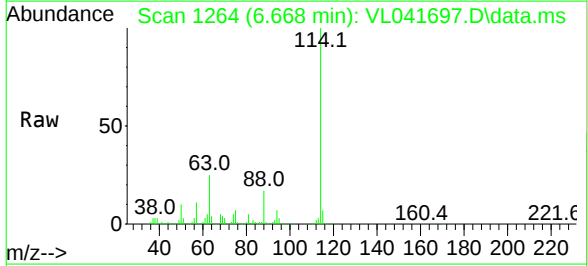
Tgt Ion: 97 Resp: 1767346
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 52.4 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1259
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

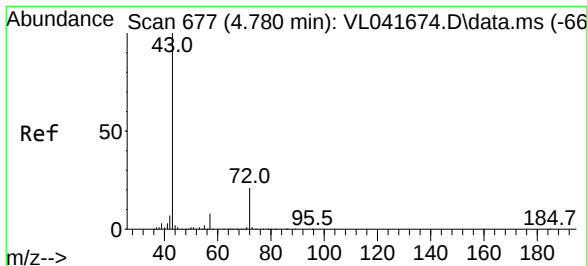
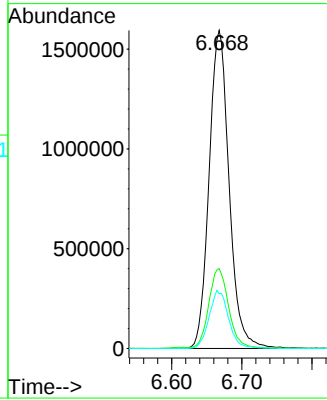
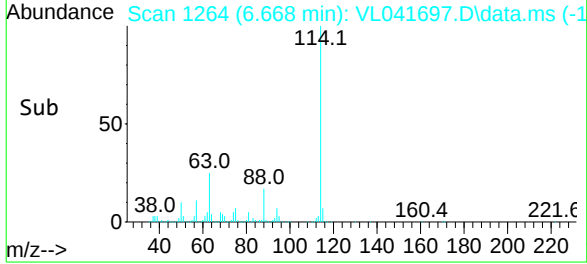
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3154537
Ion Ratio Lower Upper
114 100
63 25.5 20.3 30.5
88 17.8 14.2 21.4

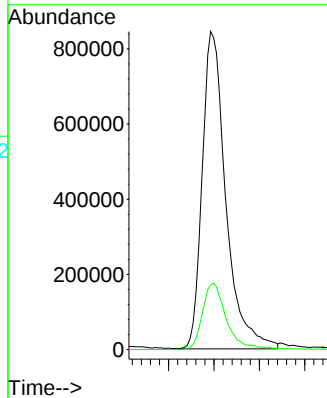
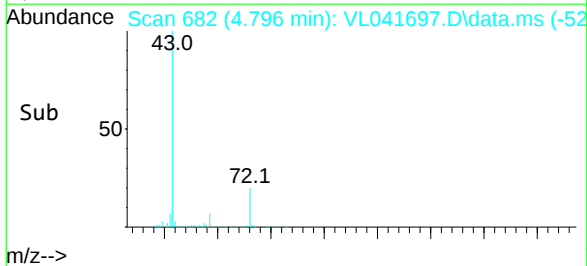
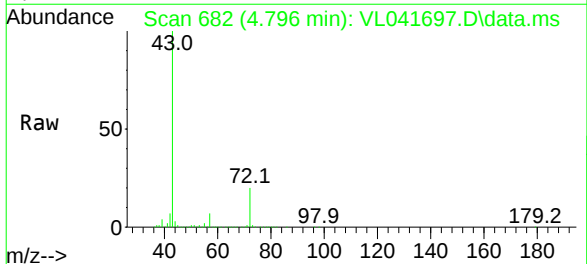
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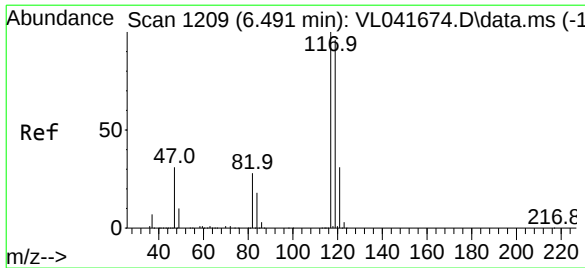
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#34
2-Butanone
Concen: 9.731 ppbv
RT: 4.796 min Scan# 682
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 43 Resp: 1528409
Ion Ratio Lower Upper
43 100
72 21.3 17.4 26.0





#35

Carbon Tetrachloride

Concen: 11.222 ppbv

RT: 6.507 min Scan# 12

Delta R.T. 0.016 min

Lab File: VL041697.D

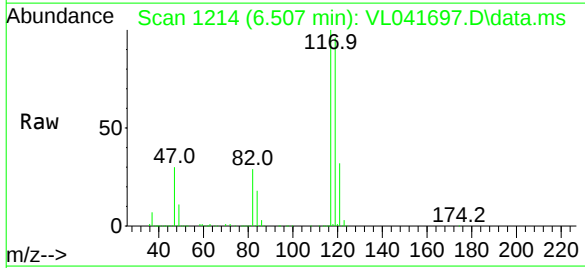
Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 1867710

Ion Ratio Lower Upper

117 100

119 96.1 77.2 115.8

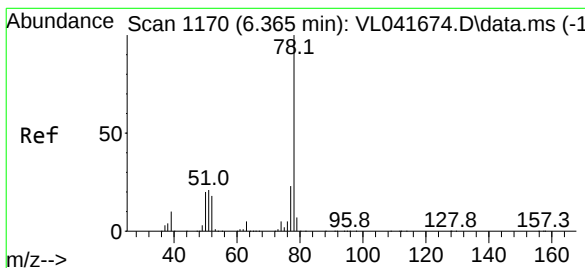
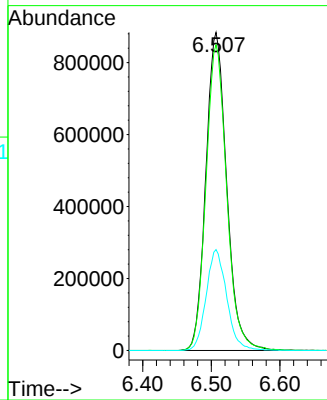
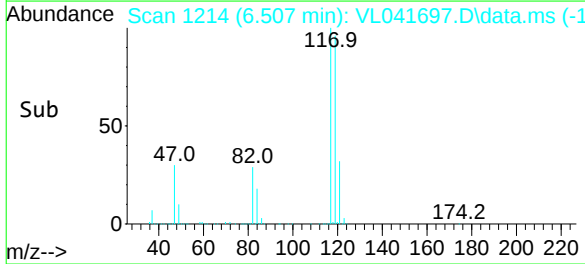
121 31.7 25.0 37.4

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#36

Benzene

Concen: 10.579 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.019 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

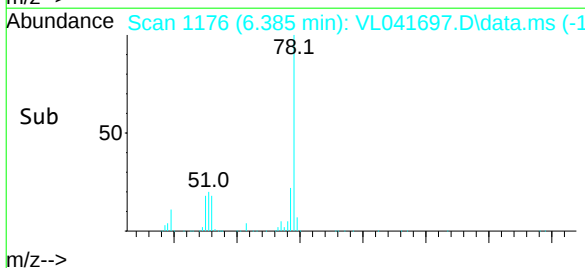
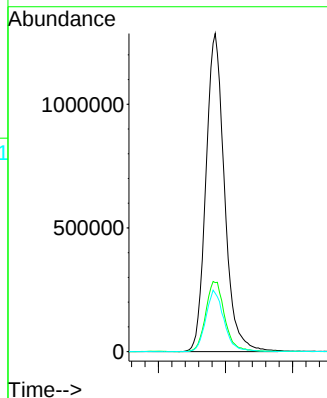
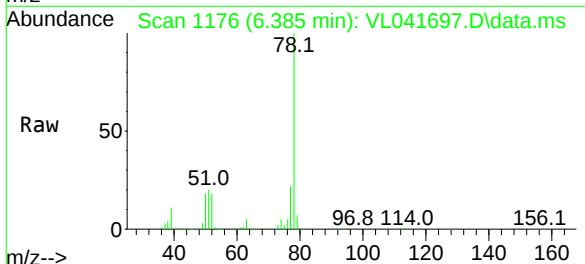
Tgt Ion: 78 Resp: 2472710

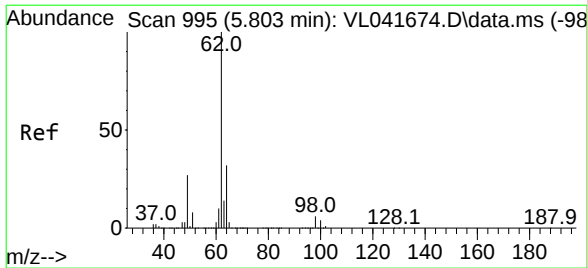
Ion Ratio Lower Upper

78 100

77 21.7 18.5 27.7

50 18.3 15.6 23.4





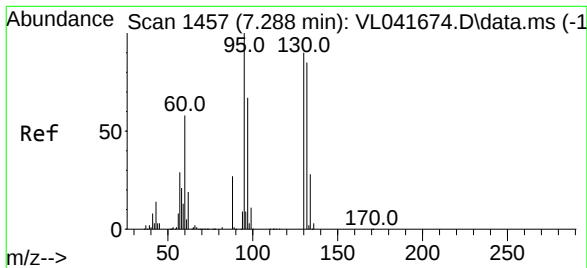
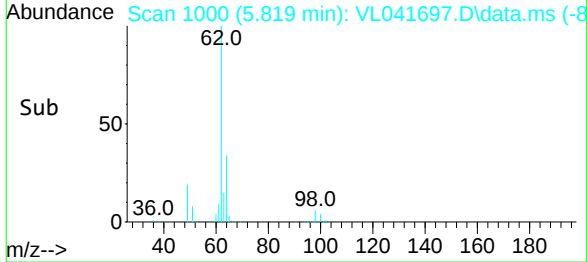
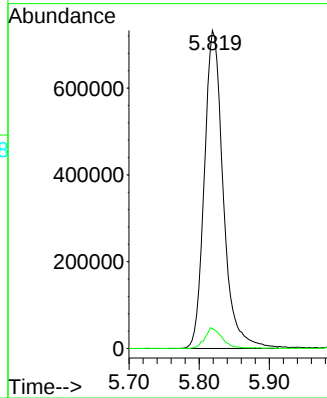
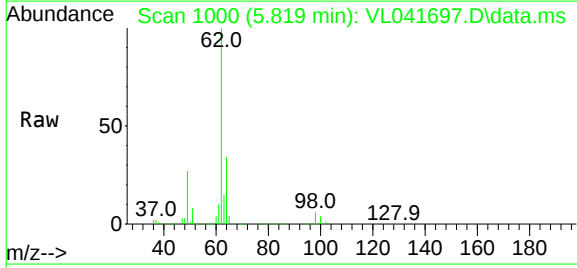
#37
1,2-Dichloroethane
Concen: 10.411 ppbv
RT: 5.819 min Scan# 10
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1372788
Ion Ratio Lower Upper
62 100
98 6.2 5.2 7.8

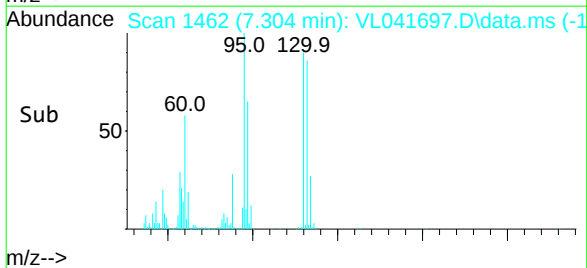
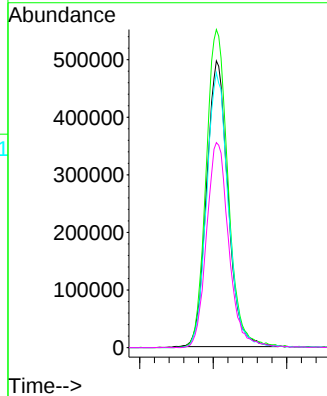
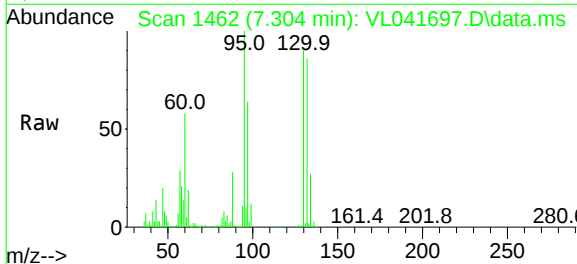
Manual Integrations
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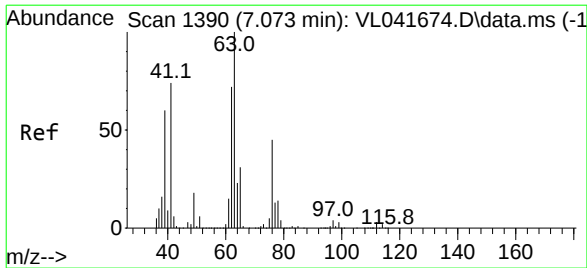
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#38
Trichloroethene
Concen: 11.179 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

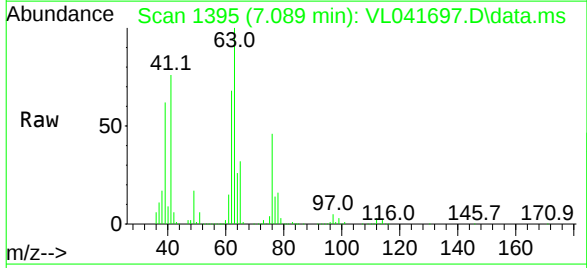
Tgt Ion:130 Resp: 1003555
Ion Ratio Lower Upper
130 100
95 111.2 89.1 133.7
132 96.1 75.7 113.5
97 71.7 60.0 90.0





#39
1,2-Dichloropropane
Concen: 10.346 ppbv
RT: 7.089 min Scan# 1390
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

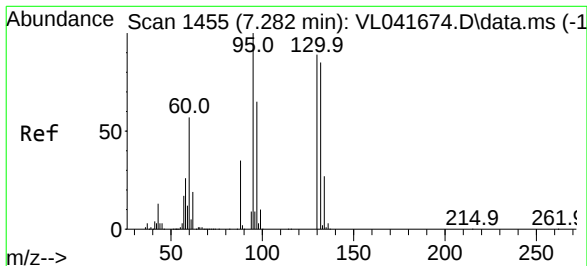
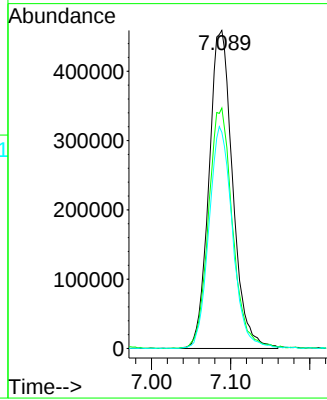
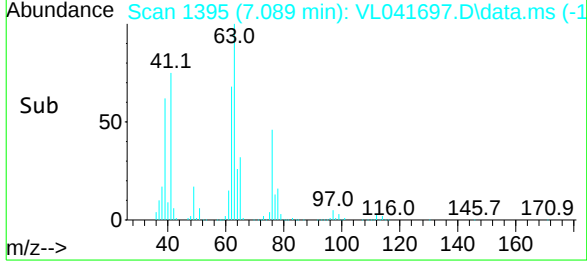
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



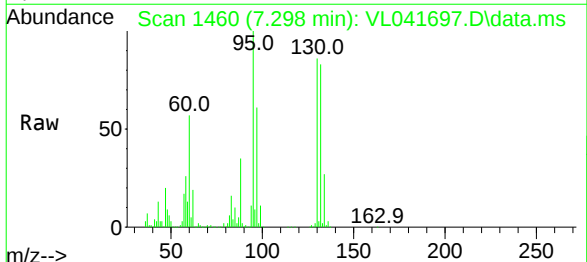
Tgt Ion: 63 Resp: 955596
Ion Ratio Lower Upper
63 100
41 75.6 59.1 88.7
62 67.9 57.7 86.5

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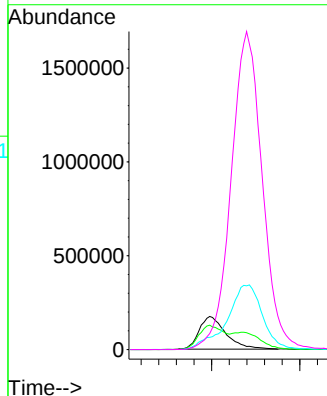
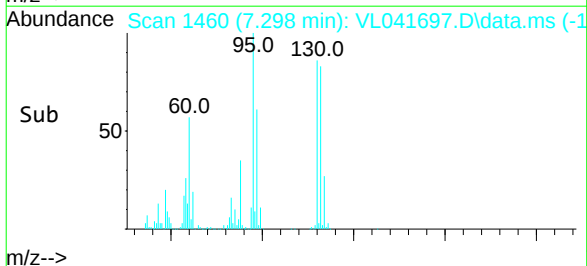
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

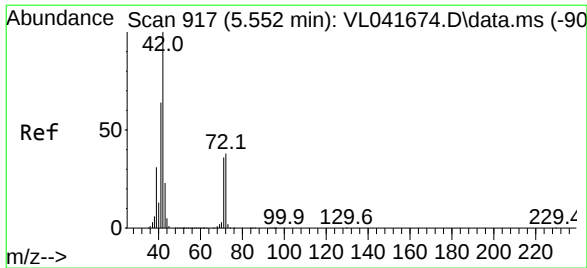


#40
1,4-Dioxane
Concen: 11.031 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



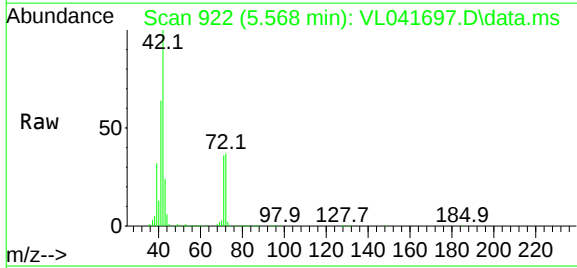
Tgt Ion: 88 Resp: 365570
Ion Ratio Lower Upper
88 100
58 128.6 101.4 152.2
43 263.4 208.0 312.0
57 1142.1 902.9 1354.3





#41
Tetrahydrofuran
Concen: 11.035 ppbv
RT: 5.568 min Scan# 92
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

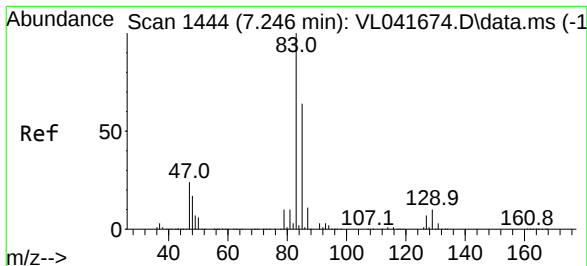
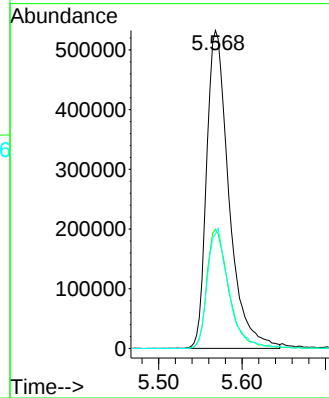
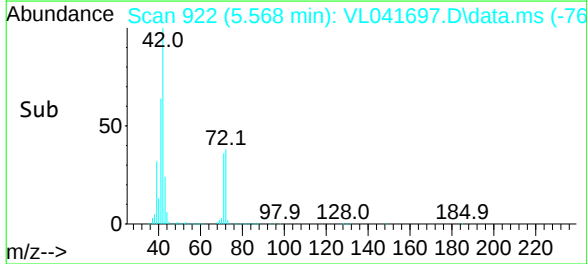
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 989840
Ion Ratio Lower Upper
42 100
72 37.2 29.8 44.6
71 36.8 29.4 44.2

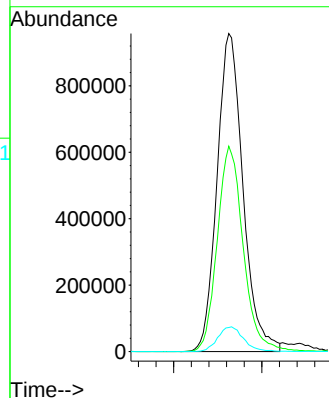
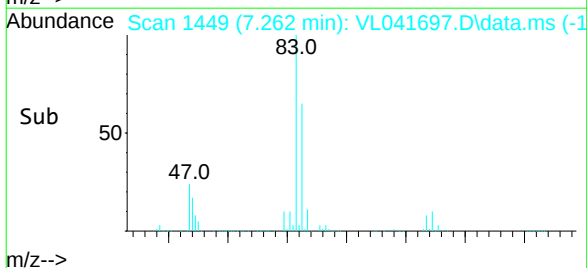
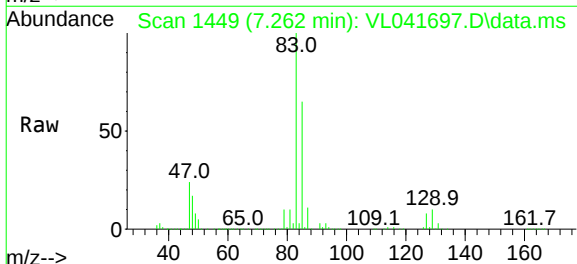
Manual Integrations
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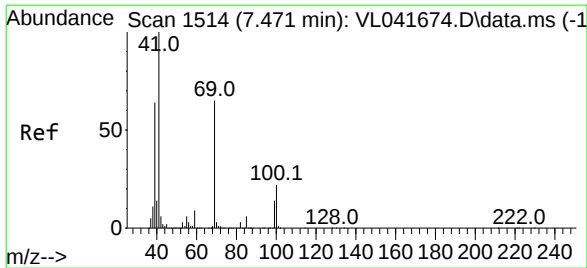
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#42
Bromodichloromethane
Concen: 10.692 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

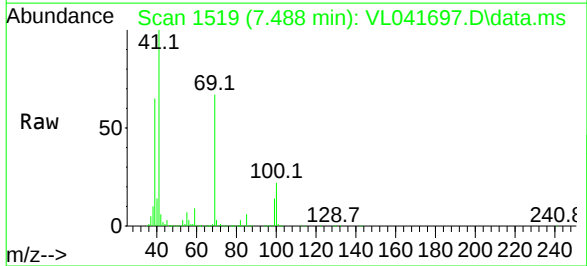
Tgt Ion: 83 Resp: 1959114
Ion Ratio Lower Upper
83 100
85 64.6 51.2 76.8
127 7.6 6.0 9.0





#43
Methyl Methacrylate
Concen: 11.538 ppbv
RT: 7.488 min Scan# 1514
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

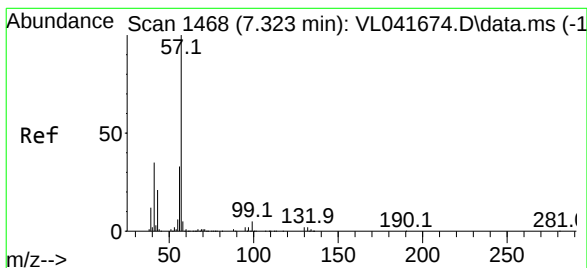
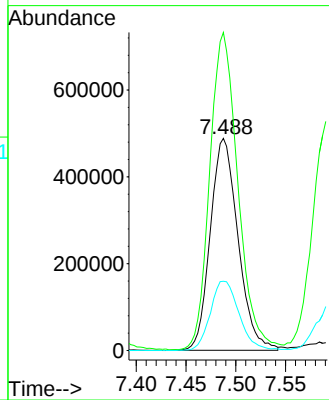
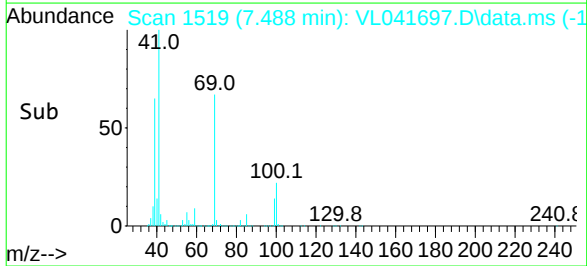
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



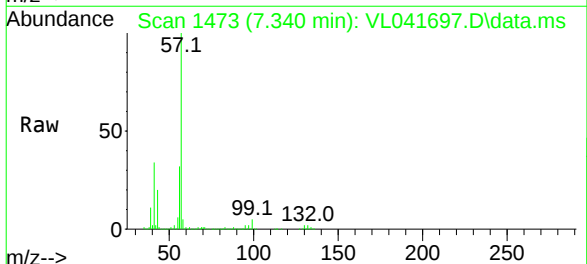
Tgt Ion: 69 Resp: 946899
Ion Ratio Lower Upper
69 100
41 152.6 119.8 179.6
100 34.0 27.3 40.9

Manual Integrations
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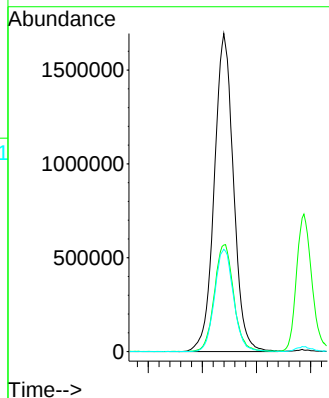
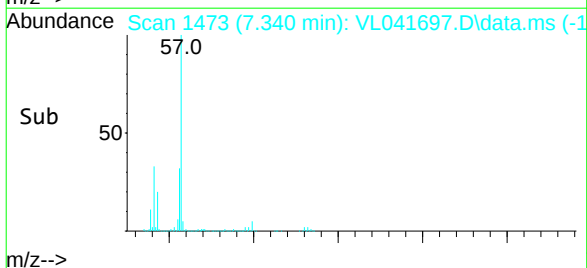
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

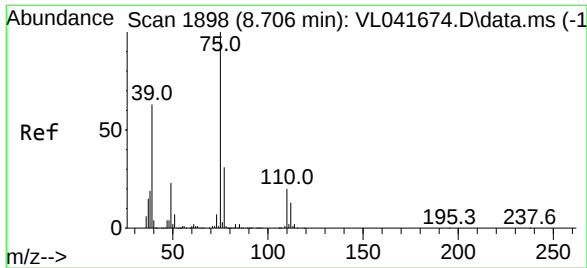


#44
2,2,4-Trimethylpentane
Concen: 10.542 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



Tgt Ion: 57 Resp: 4173715
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.9 25.8 38.6





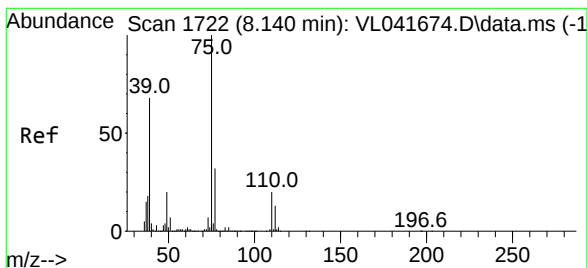
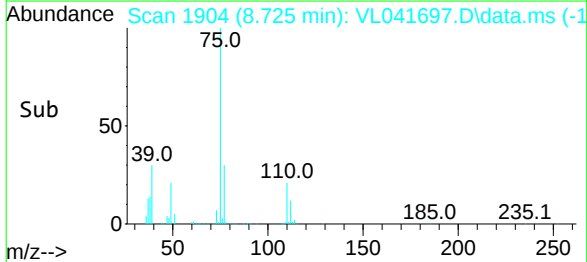
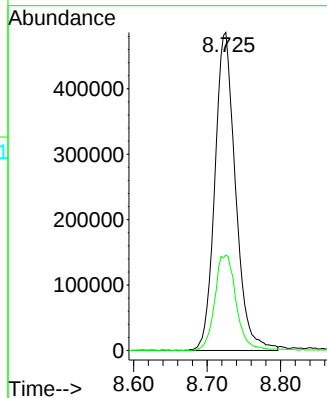
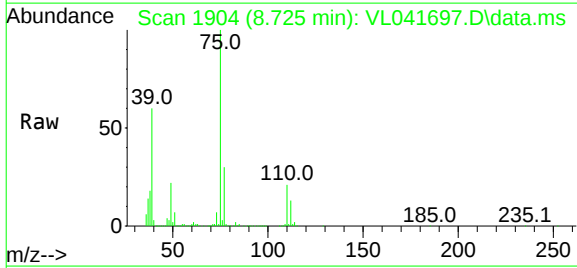
#45
t-1,3-Dichloropropene
Concen: 12.663 ppbv
RT: 8.725 min Scan# 1904
Delta R.T. 0.019 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 949613
Ion Ratio Lower Upper
75 100
77 30.0 24.7 37.1

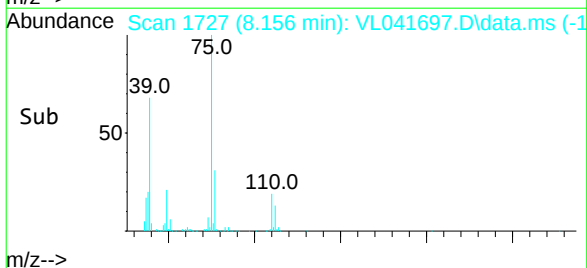
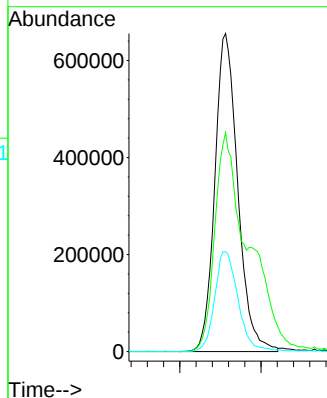
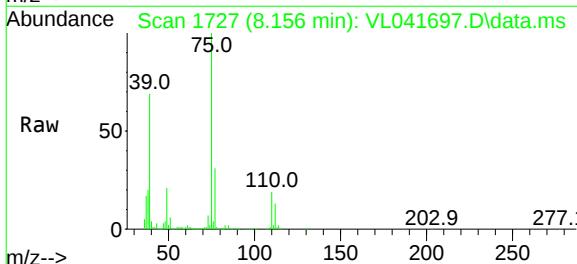
Manual Integrations
APPROVED

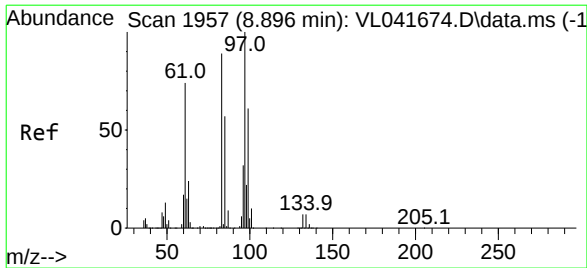
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#46
cis-1,3-Dichloropropene
Concen: 11.922 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 75 Resp: 1284127
Ion Ratio Lower Upper
75 100
39 68.7 54.1 81.1
77 31.5 25.3 37.9





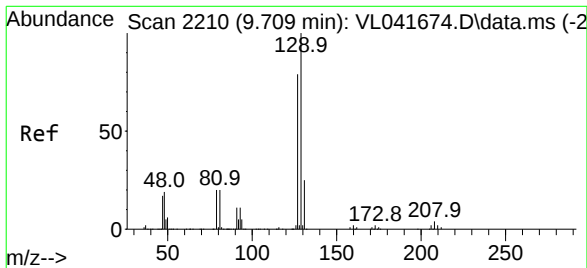
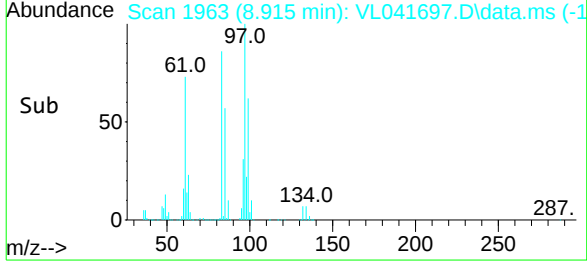
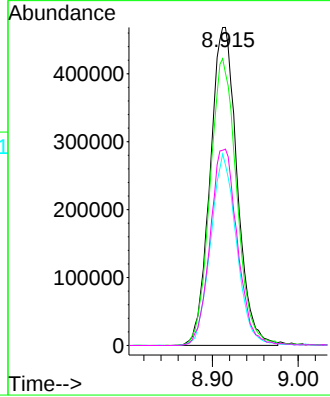
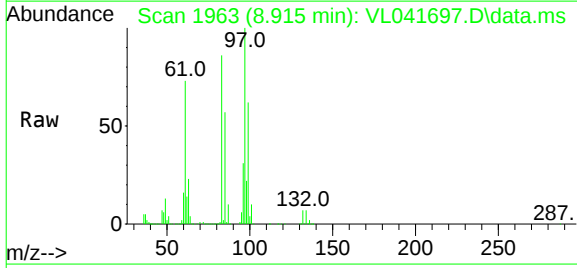
#47
1,1,2-Trichloroethane
Concen: 10.225 ppbv
RT: 8.915 min Scan# 1957
Delta R.T. 0.019 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 1022176
Ion Ratio Lower Upper
97 100
83 85.5 71.0 106.6
85 56.8 45.4 68.2
99 61.7 49.0 73.6

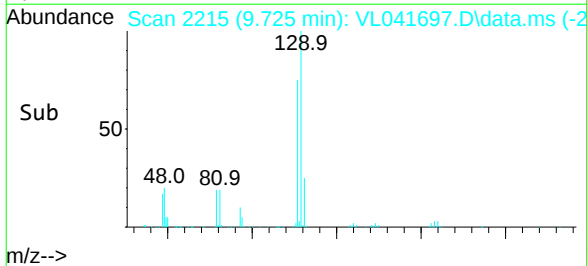
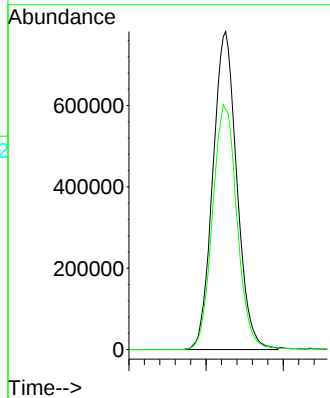
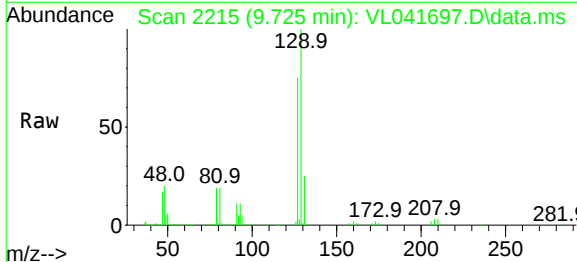
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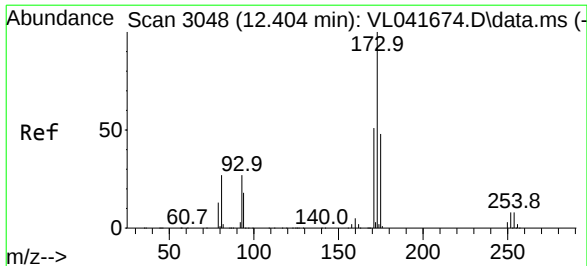
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#48
Dibromochloromethane
Concen: 11.129 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion:129 Resp: 1691178
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





#49

Bromoform

Concen: 11.514 ppbv

RT: 12.420 min Scan# 3048

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

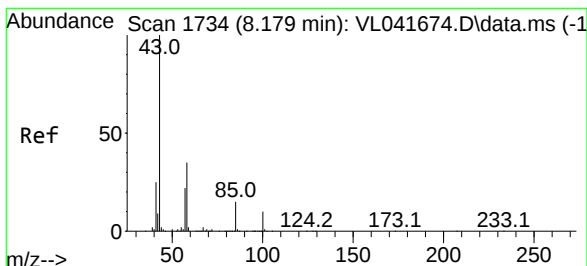
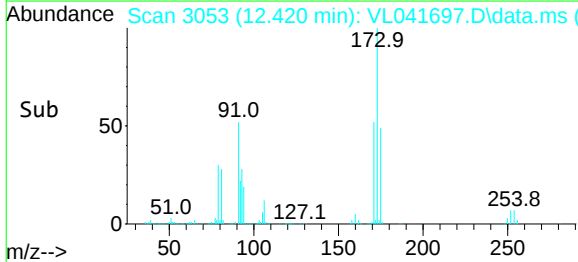
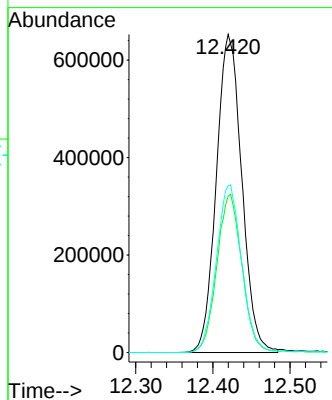
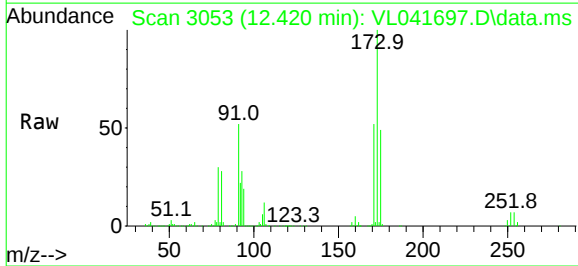
Tgt Ion: 173 Resp: 1497113

Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.2	58.8
171	52.5	41.7	62.5

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 11/21/2024
Supervised By : Mahesh Dadoda 11/21/2024



#50

4-Methyl-2-Pentanone

Concen: 10.950 ppbv

RT: 8.192 min Scan# 1738

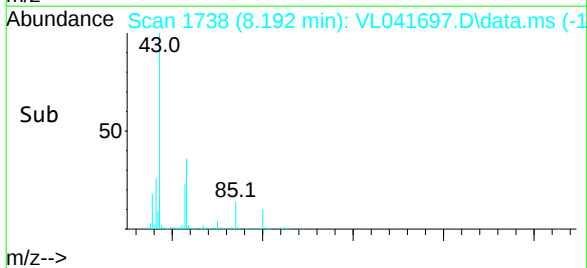
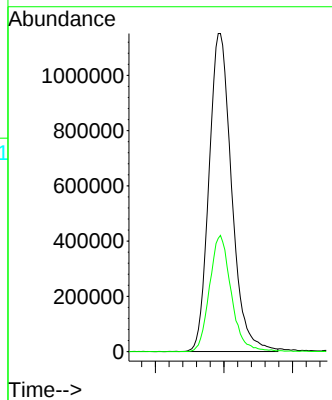
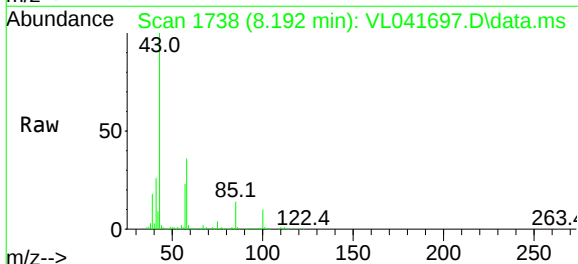
Delta R.T. 0.013 min

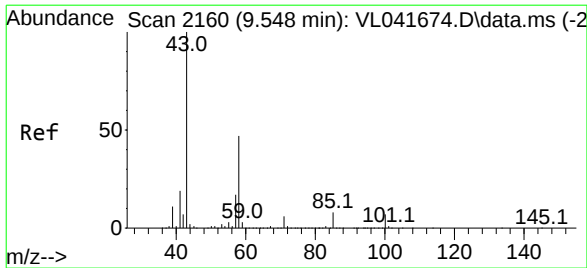
Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Tgt Ion: 43 Resp: 2640409

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.7	41.5





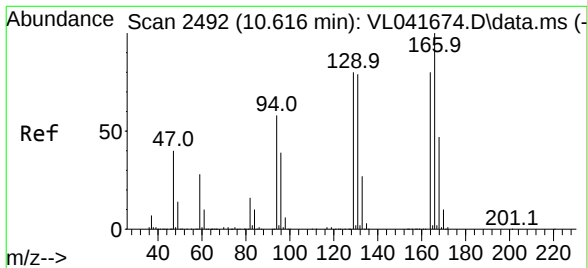
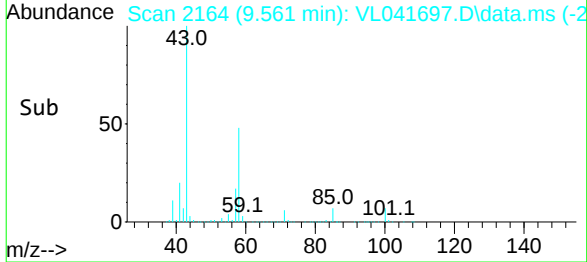
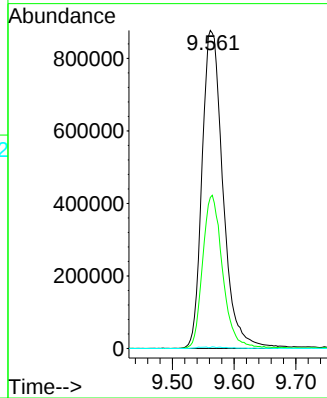
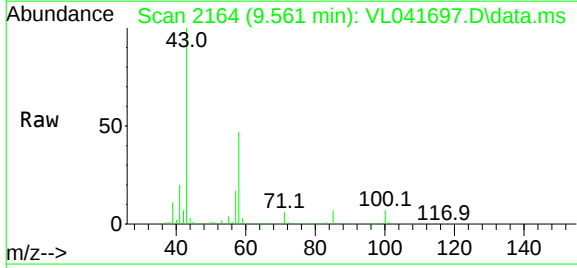
#51
2-Hexanone
Concen: 11.773 ppbv
RT: 9.561 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2067266
Ion Ratio Lower Upper
43 100
58 46.3 37.0 55.6
98 0.6 0.6 0.8

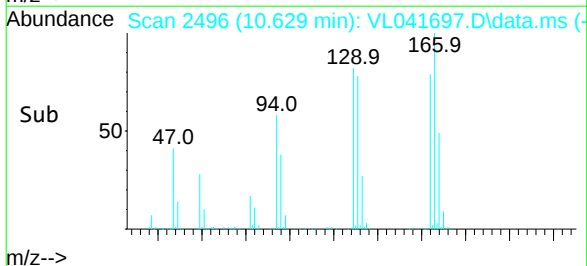
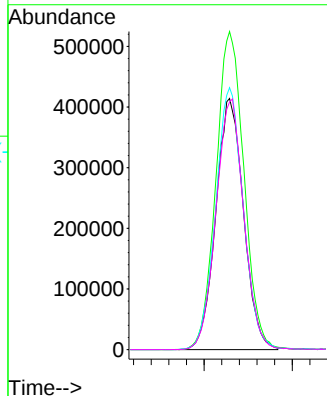
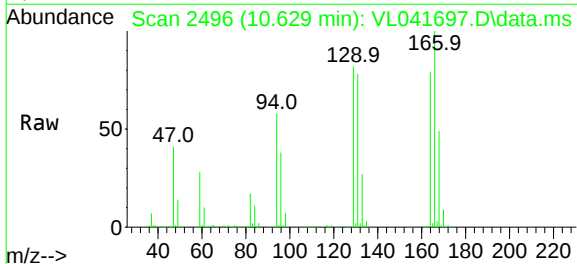
Manual Integrations
APPROVED

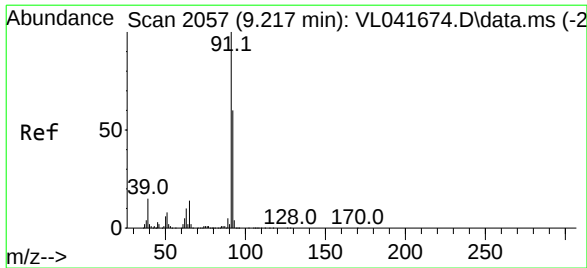
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#52
Tetrachloroethene
Concen: 11.336 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion:164 Resp: 902967
Ion Ratio Lower Upper
164 100
166 126.6 100.2 150.4
129 104.2 79.7 119.5
131 98.5 79.0 118.4





#53

Toluene

Concen: 11.509 ppbv

RT: 9.233 min Scan# 2062

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 2828799

Ion Ratio Lower Upper

91 100

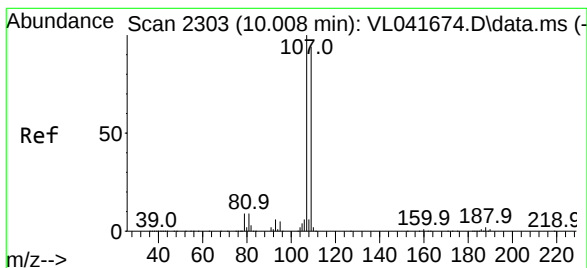
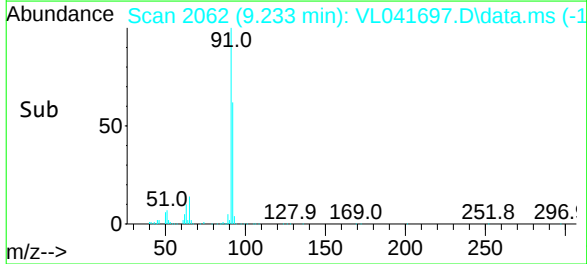
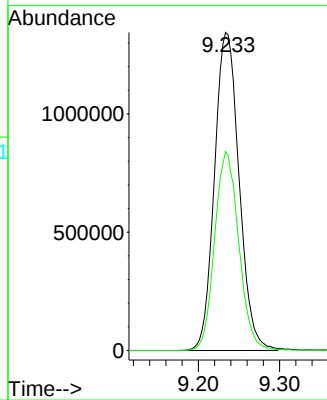
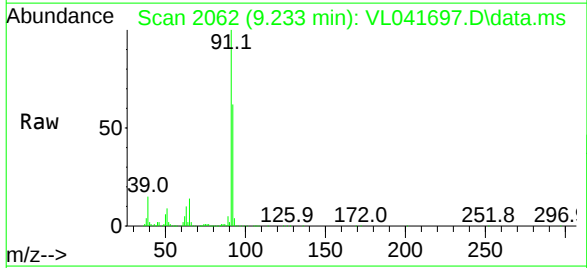
92 61.3 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#54

1,2-Dibromoethane

Concen: 11.753 ppbv

RT: 10.024 min Scan# 2308

Delta R.T. 0.016 min

Lab File: VL041697.D

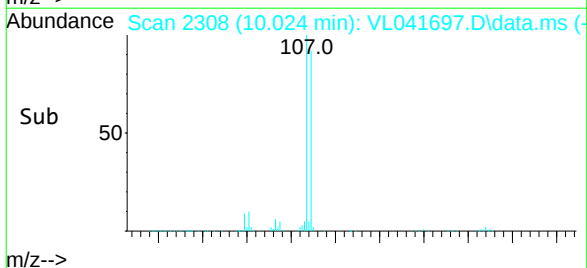
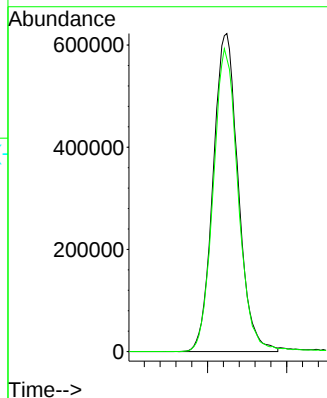
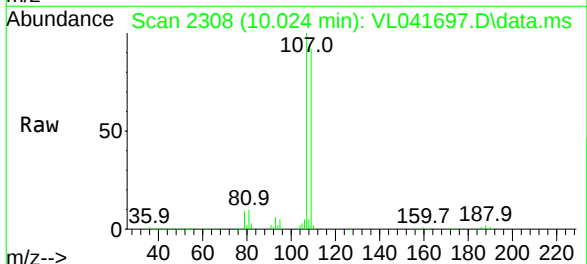
Acq: 20 Nov 2024 8:09

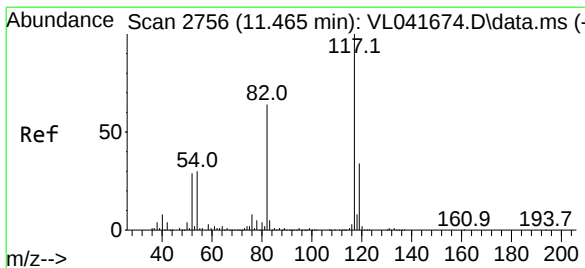
Tgt Ion:107 Resp: 1372700

Ion Ratio Lower Upper

107 100

109 92.1 74.9 112.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.481 min Scan# 27

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 3148626

Ion Ratio Lower Upper

117 100

82 60.6 49.8 74.8

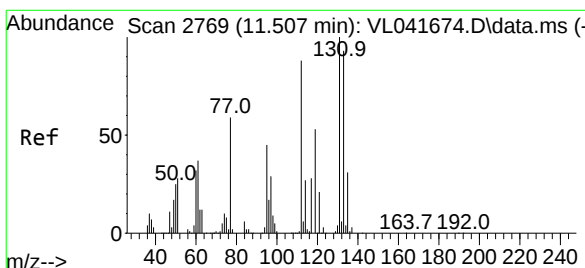
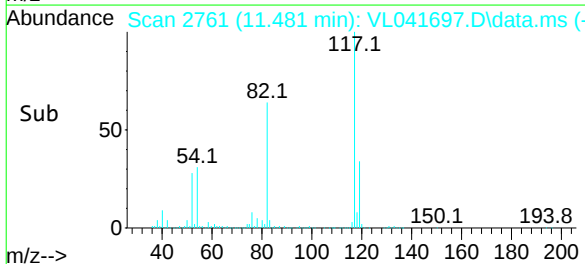
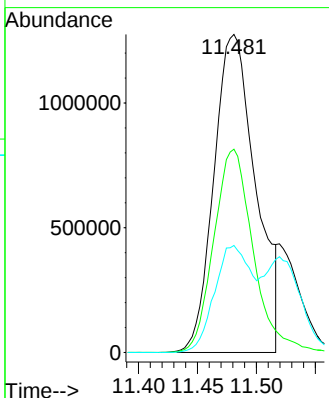
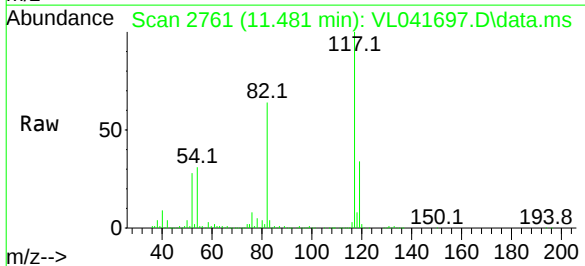
119 31.4 24.2 36.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 9.885 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

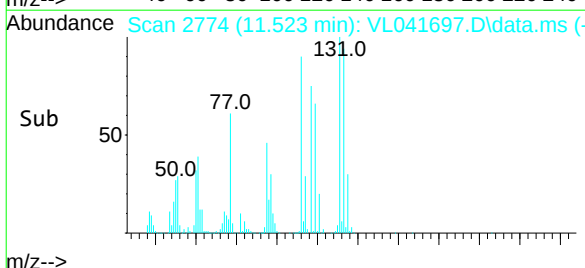
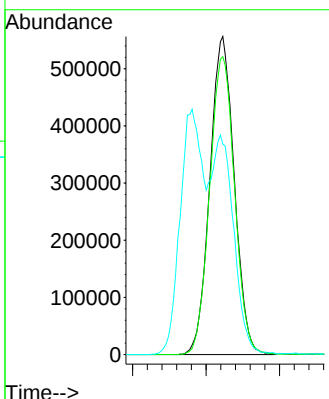
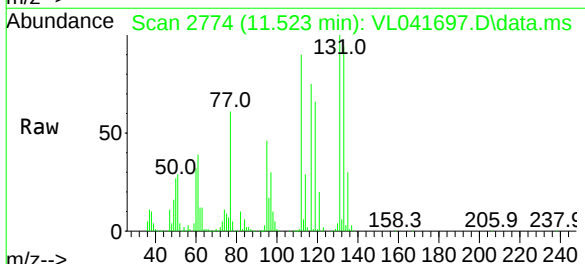
Tgt Ion:131 Resp: 1283659

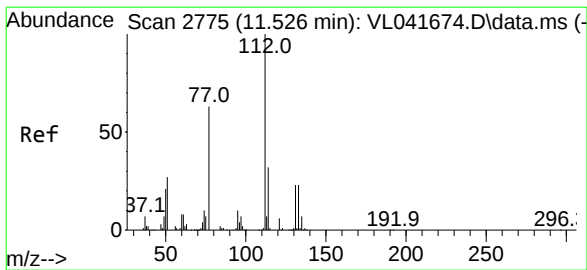
Ion Ratio Lower Upper

131 100

133 95.7 76.5 114.7

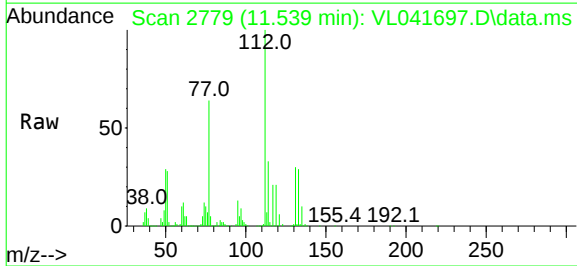
119 61.9 49.8 74.8





#57
Chlorobenzene
Concen: 9.651 ppbv
RT: 11.539 min Scan# 2775
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

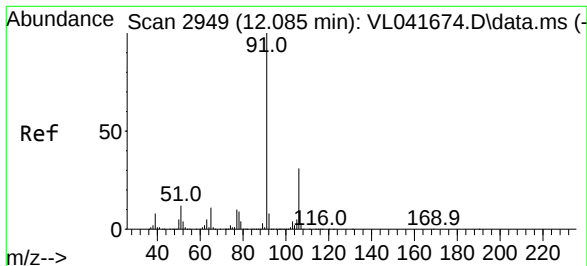
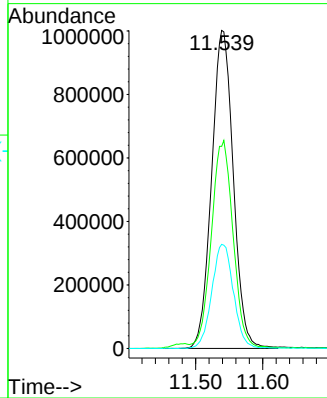
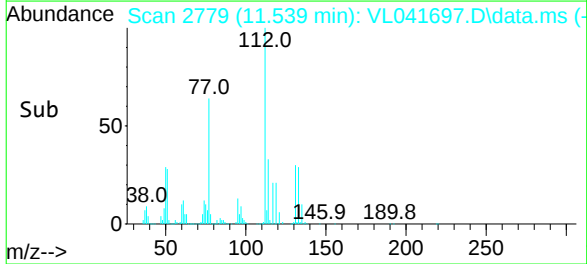
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 2247475
Ion Ratio Lower Upper
112 100
77 63.2 51.4 77.2
114 32.8 28.4 34.8

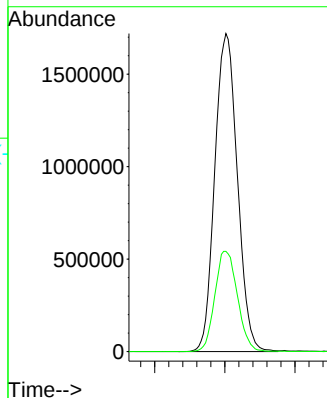
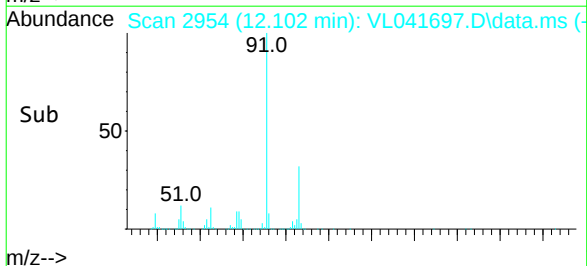
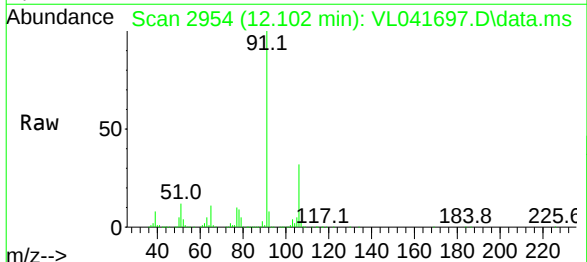
Manual Integrations
APPROVED

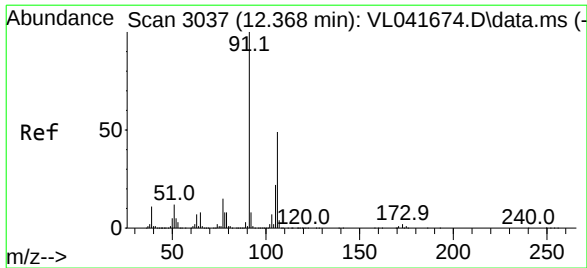
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#58
Ethyl Benzene
Concen: 11.134 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 91 Resp: 3843108
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3





#59

m/p-Xylene

Concen: 21.210 ppbv m

RT: 12.384 min Scan# 30

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 6556478

Ion Ratio Lower Upper

91 100

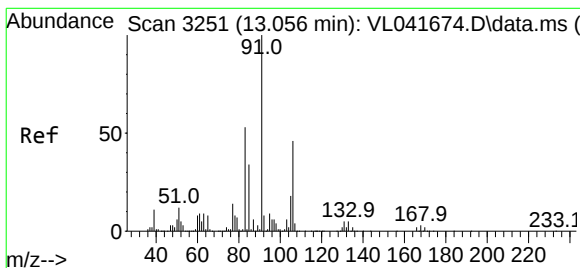
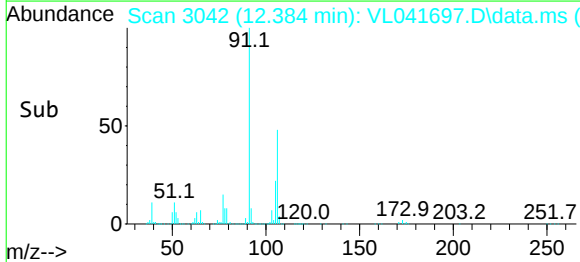
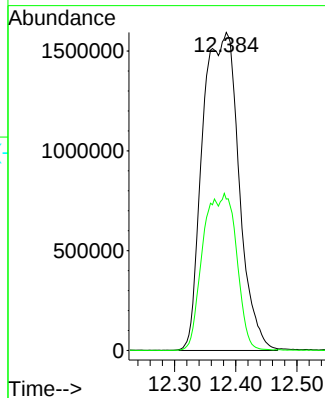
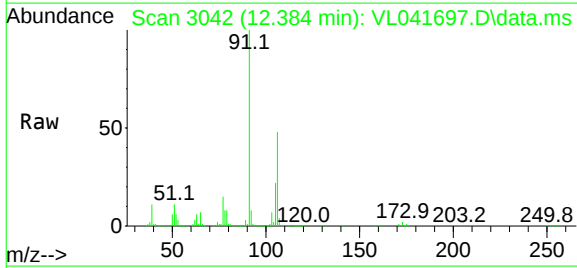
106 45.8 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#60

o-Xylene

Concen: 10.774 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.016 min

Lab File: VL041697.D

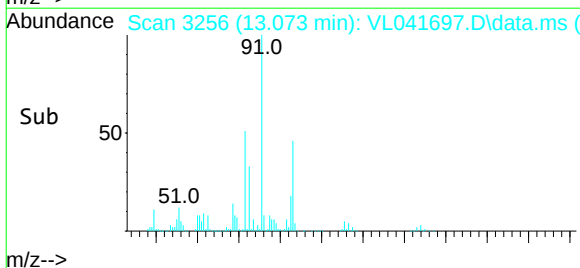
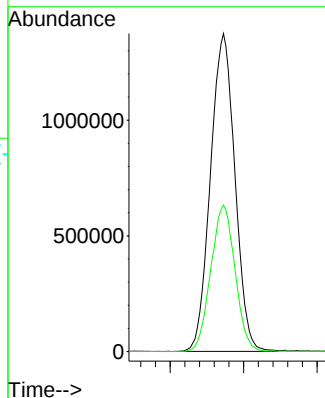
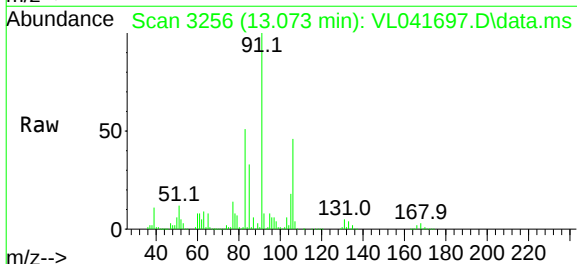
Acq: 20 Nov 2024 8:09

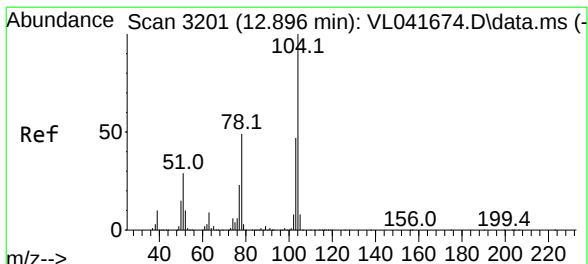
Tgt Ion: 91 Resp: 3175724

Ion Ratio Lower Upper

91 100

106 45.8 23.2 69.6





#61
Styrene
Concen: 12.538 ppbv
RT: 12.909 min Scan# 3205
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

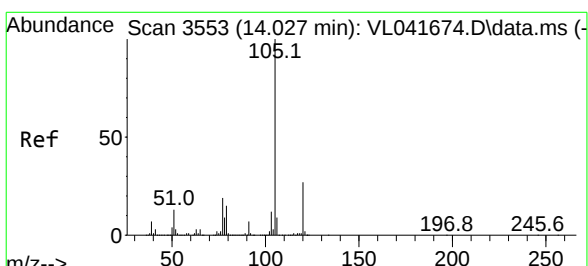
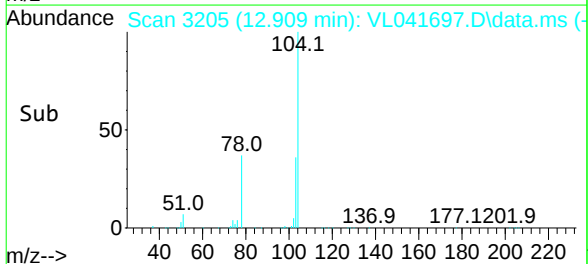
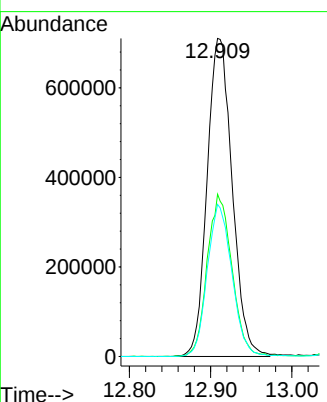
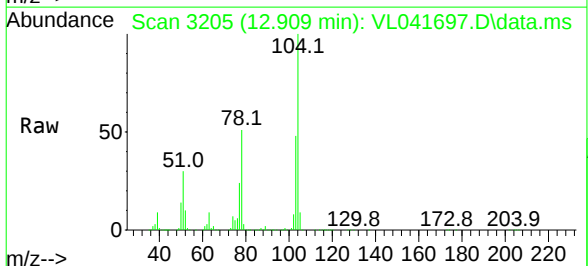
VSTDCCC010

Tgt Ion:104 Resp: 1525338

Ion	Ratio	Lower	Upper
104	100		
78	50.4	39.8	59.8
103	47.1	37.4	56.0

Manual Integrations
APPROVED

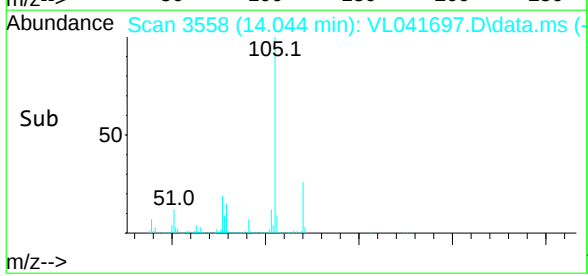
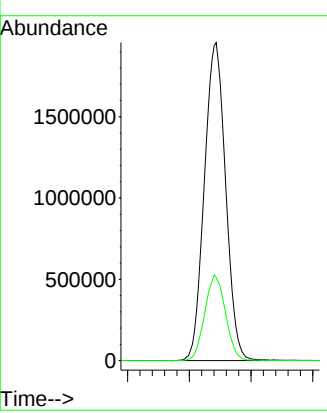
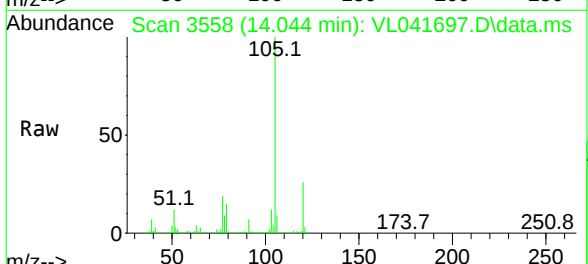
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

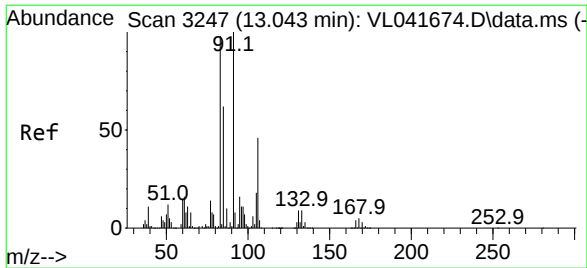


#62
Isopropylbenzene
Concen: 10.288 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion:105 Resp: 4683267

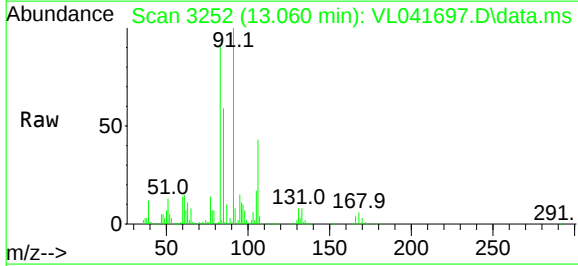
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7





#63
1,1,2,2-Tetrachloroethane
Concen: 10.214 ppbv
RT: 13.060 min Scan# 3247
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

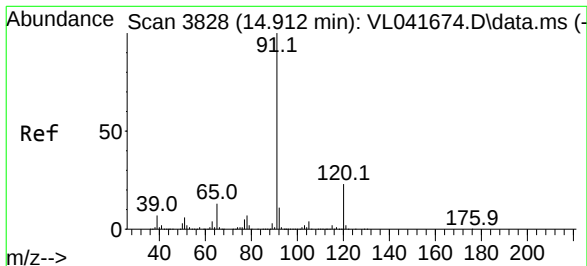
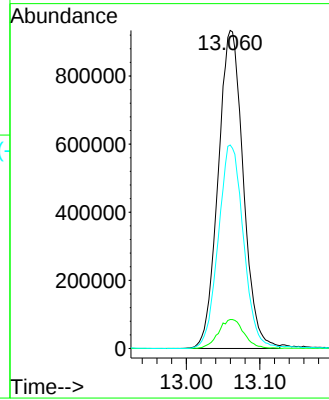
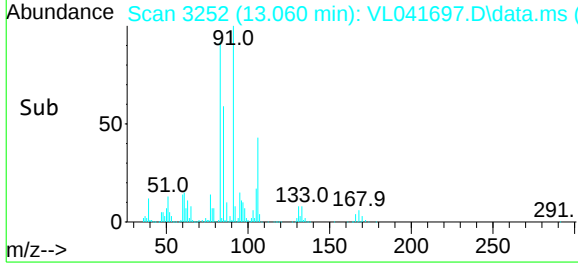
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



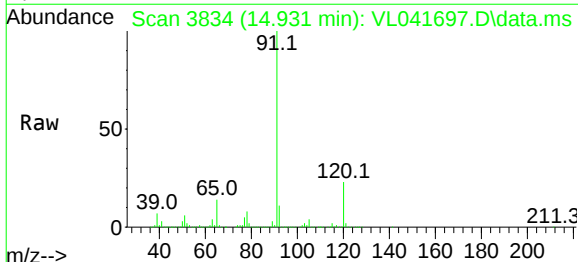
Tgt Ion: 83 Resp: 2214634
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 64.8 32.6 98.0

Manual Integrations
APPROVED

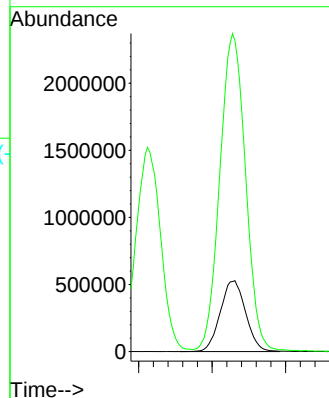
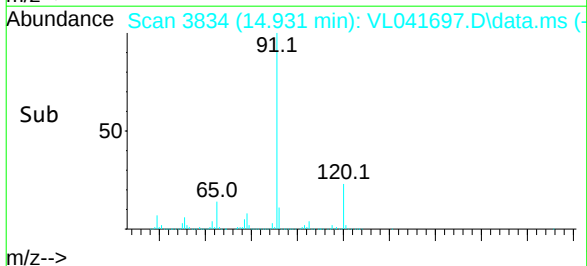
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

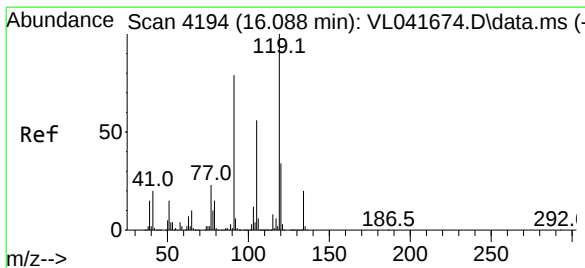


#64
n-propylbenzene
Concen: 10.621 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.019 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



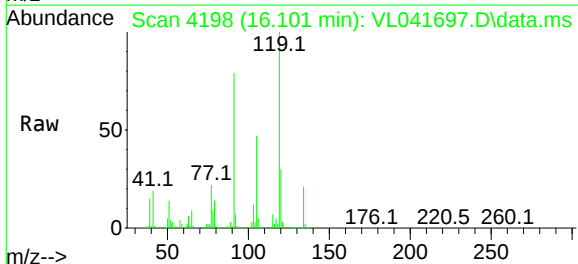
Tgt Ion:120 Resp: 1265758
Ion Ratio Lower Upper
120 100
91 455.9 362.4 543.6





#65
tert-Butylbenzene
Concen: 10.240 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

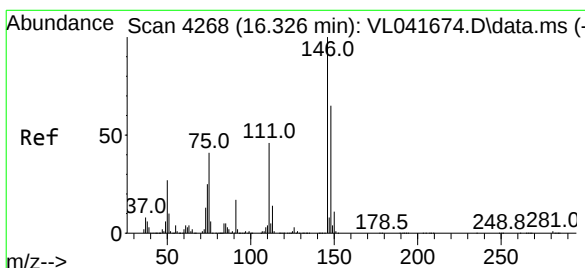
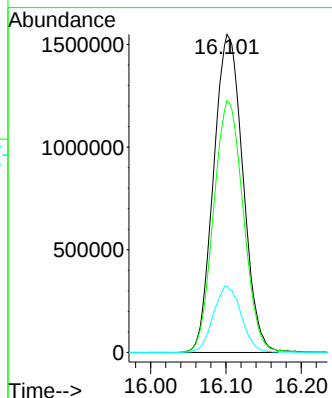
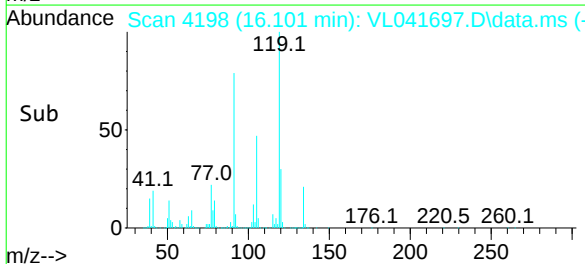
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



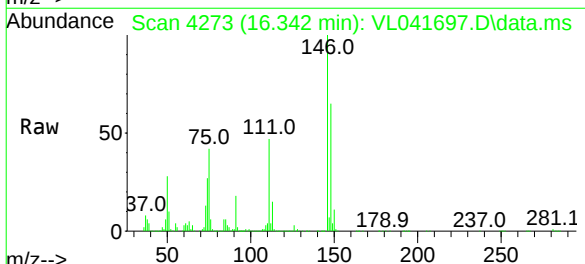
Tgt Ion: 119 Resp: 4189774
Ion Ratio Lower Upper
119 100
91 80.4 64.3 96.5
134 19.9 15.8 23.8

Manual Integrations
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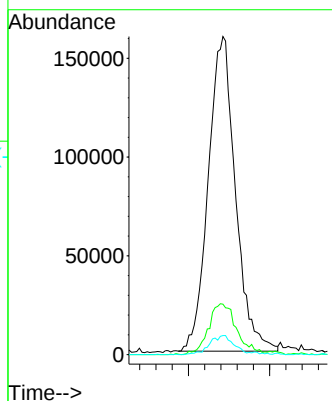
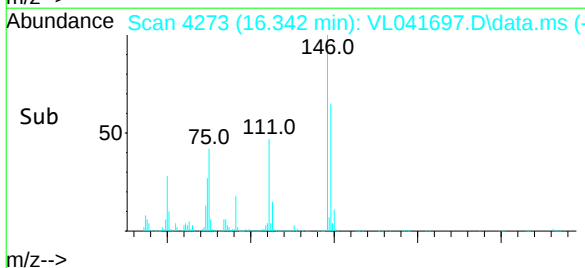
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

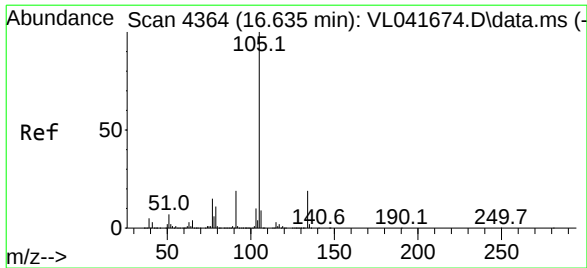


#66
Benzyl Chloride
Concen: 11.778 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



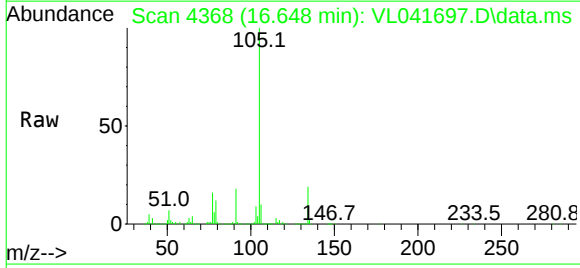
Tgt Ion: 91 Resp: 370716
Ion Ratio Lower Upper
91 100
126 17.4 13.8 20.6
128 5.8 4.3 6.5





#67
sec-Butylbenzene
Concen: 10.201 ppbv
RT: 16.648 min Scan# 4364
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

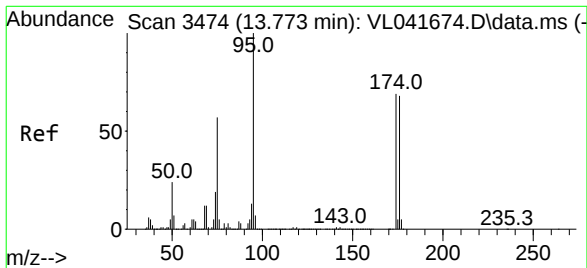
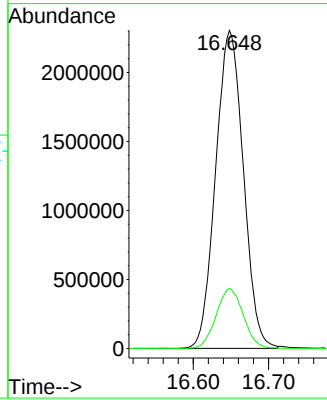
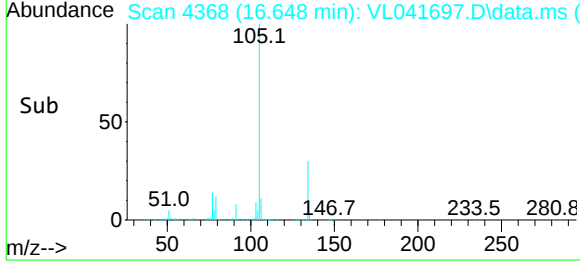
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 105 Resp: 5882804
Ion Ratio Lower Upper
105 100
134 18.5 14.6 22.0

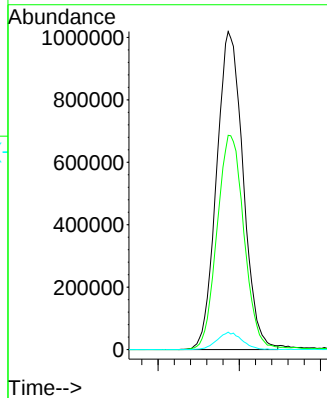
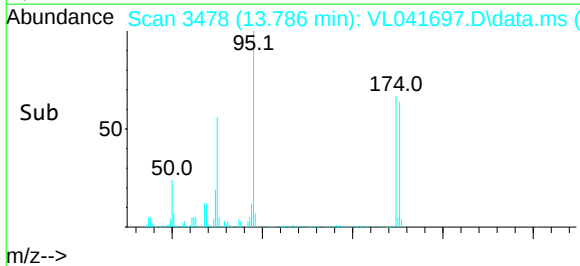
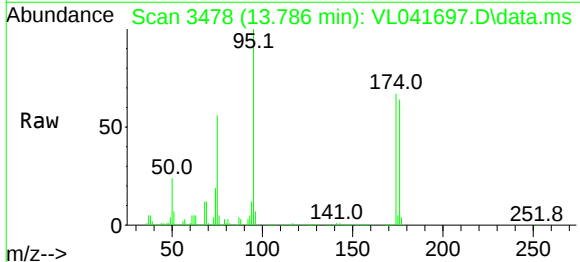
Manual Integrations
APPROVED

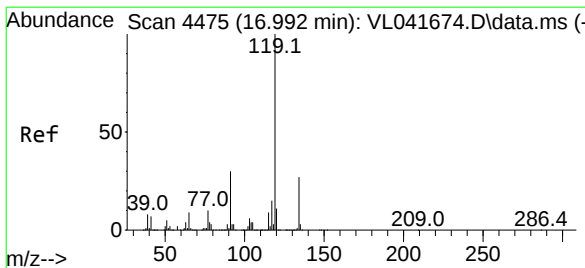
Reviewed By : Semsettin Yesilyurt 11/21/2024
Supervised By : Mahesh Dadoda 11/21/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.957 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 95 Resp: 2309915
Ion Ratio Lower Upper
95 100
174 69.5 55.6 83.4
175 5.2 4.2 6.2





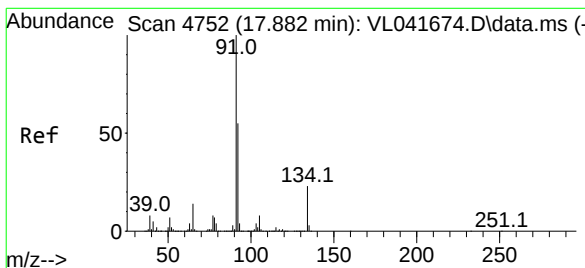
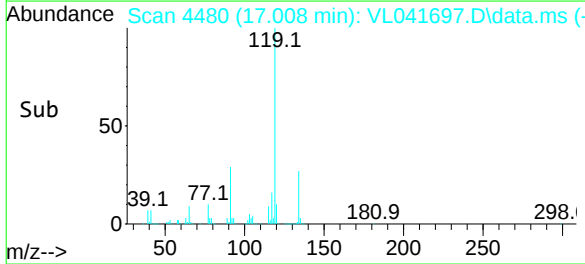
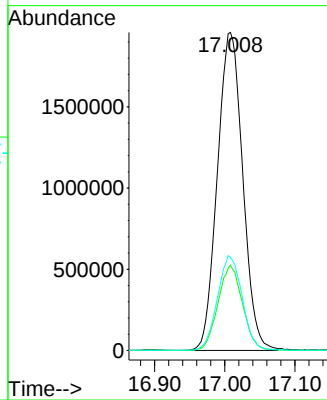
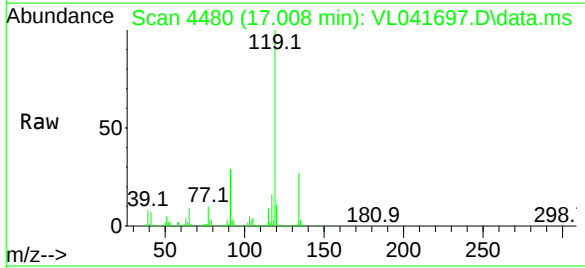
#69
p-Isopropyltoluene
Concen: 10.535 ppbv
RT: 17.008 min Scan# 4475
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 4911348
Ion Ratio Lower Upper
119 100
134 25.9 20.8 31.2
91 29.2 23.2 34.8

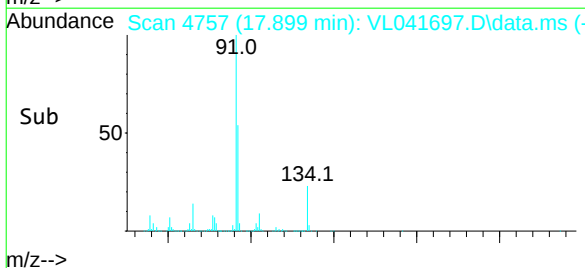
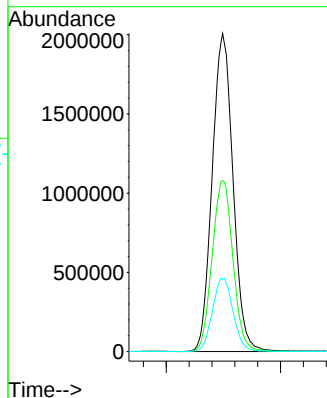
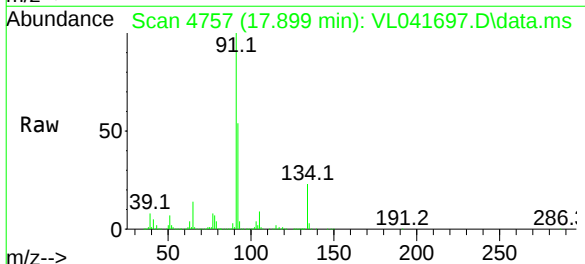
Manual Integrations
APPROVED

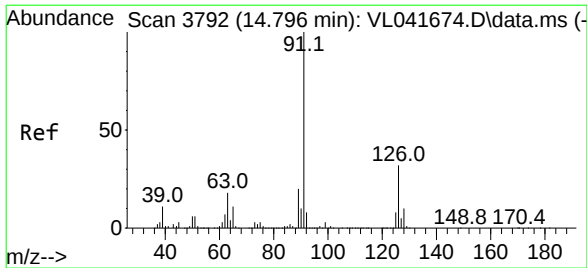
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#70
n-Butylbenzene
Concen: 10.643 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Tgt Ion: 91 Resp: 5076678
Ion Ratio Lower Upper
91 100
92 53.9 43.3 64.9
134 23.0 18.4 27.6





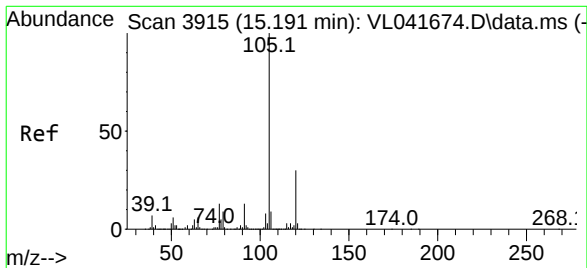
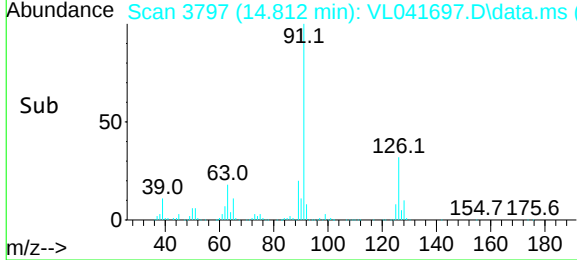
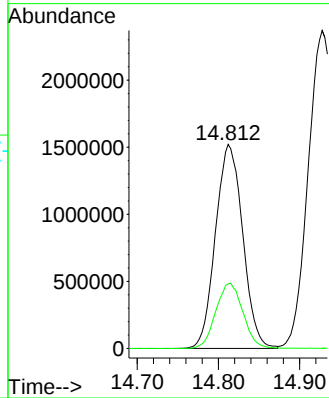
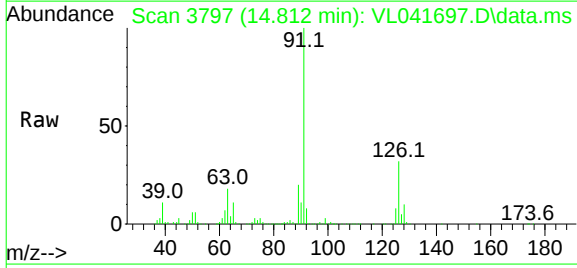
#71
2-Chlorotoluene
Concen: 10.763 ppbv
RT: 14.812 min Scan# 3792
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3541658
Ion Ratio Lower Upper
91 100
126 31.9 12.8 51.0

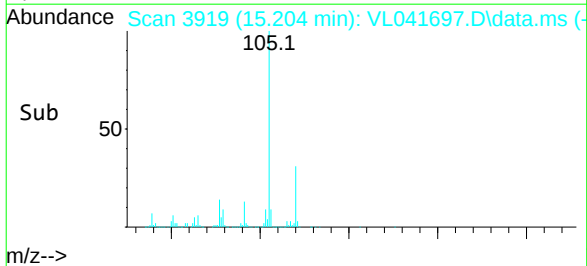
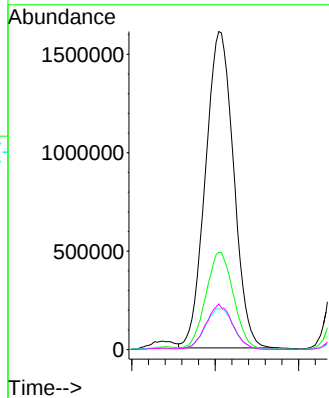
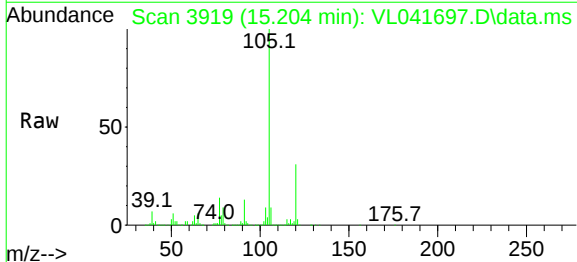
Manual Integrations
APPROVED

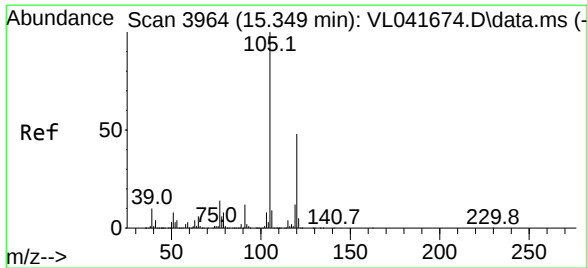
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#72
4-Ethyltoluene
Concen: 10.996 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

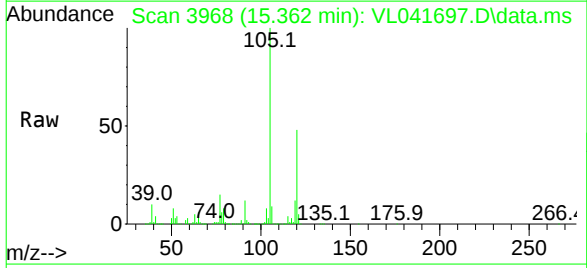
Tgt Ion:105 Resp: 3768131
Ion Ratio Lower Upper
105 100
120 31.4 25.0 37.4
91 13.7 10.6 15.8
77 13.9 11.1 16.7





#73
1,3,5-Trimethylbenzene
Concen: 10.743 ppbv
RT: 15.362 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

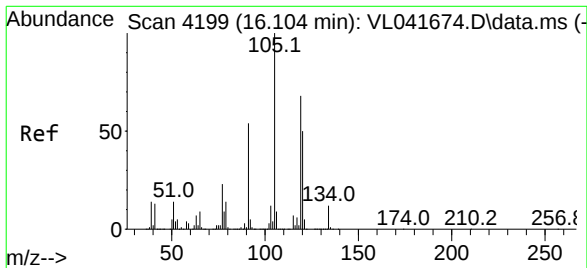
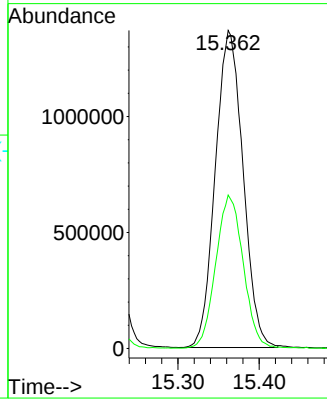
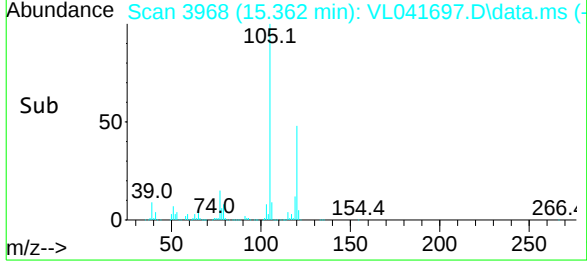
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



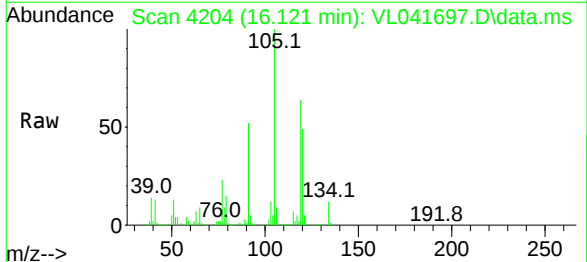
Tgt Ion:105 Resp: 3230569
Ion Ratio Lower Upper
105 100
120 48.3 38.4 57.6

Manual Integrations
APPROVED

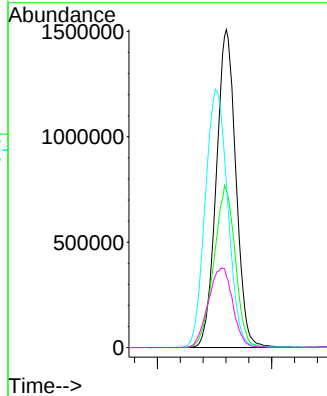
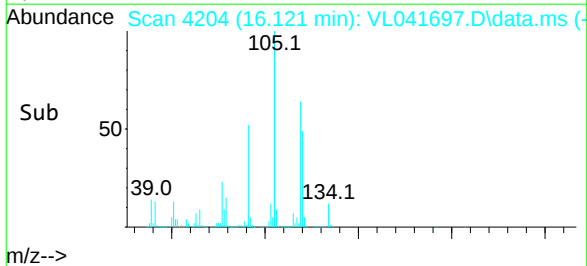
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

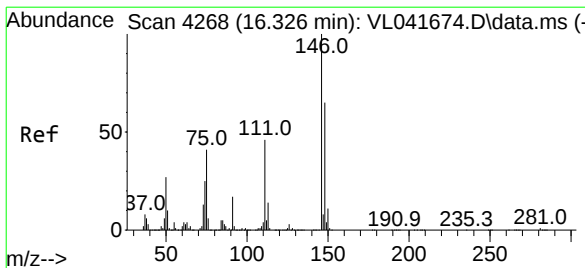


#74
1,2,4-Trimethylbenzene
Concen: 10.304 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



Tgt Ion:105 Resp: 3599066
Ion Ratio Lower Upper
105 100
120 49.4 39.8 59.8
91 51.8 43.2 64.8
77 22.5 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 10.266 ppbv

RT: 16.346 min Scan# 4268

Delta R.T. 0.019 min

Lab File: VL041697.D

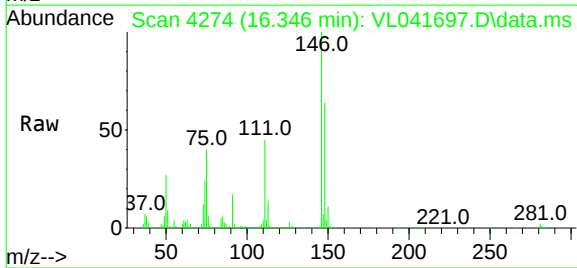
Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 2220877

Ion Ratio Lower Upper

146 100

111 45.1 22.8 68.3

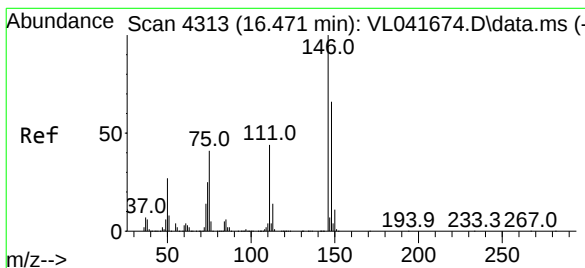
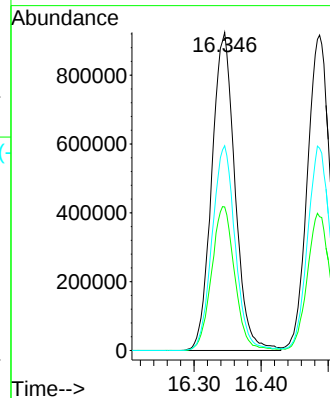
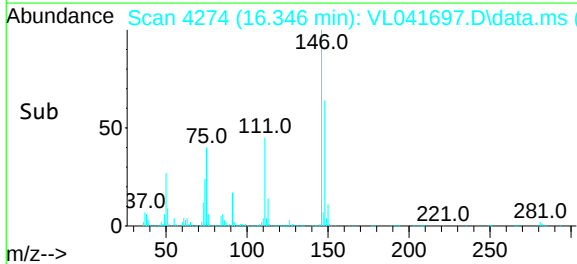
148 64.0 32.4 97.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#76

1,4-Dichlorobenzene

Concen: 10.462 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

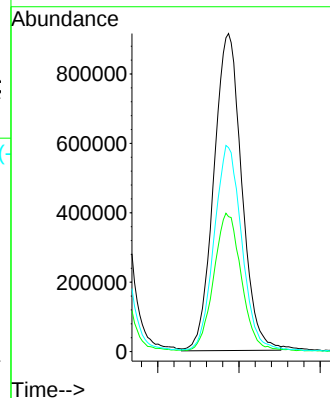
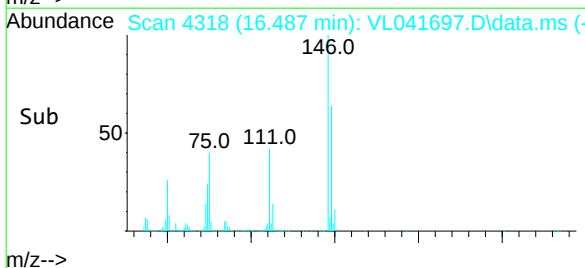
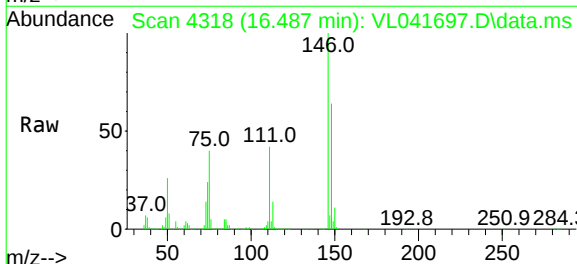
Tgt Ion:146 Resp: 2183586

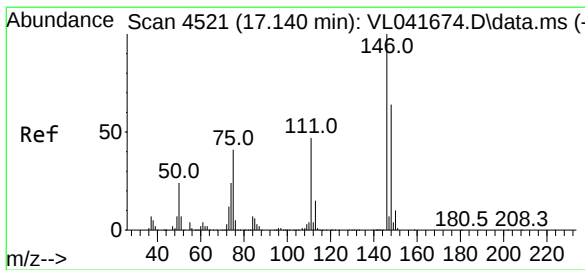
Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.3

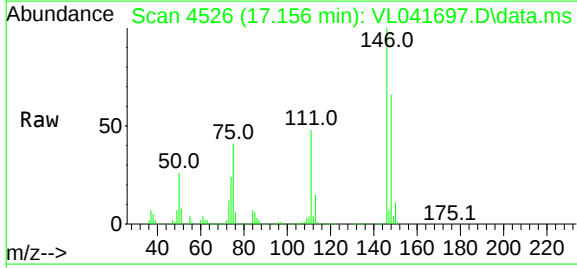
148 64.5 33.3 99.8





#77
1,2-Dichlorobenzene
Concen: 10.028 ppbv
RT: 17.156 min Scan# 4521
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

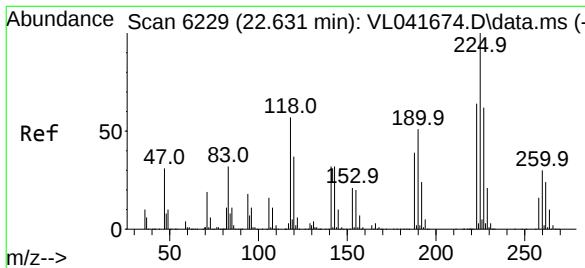
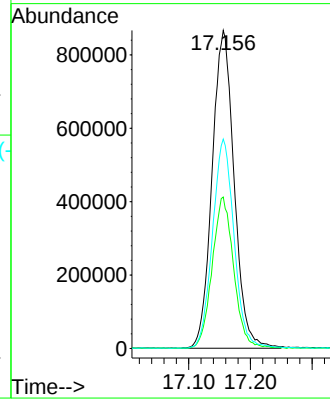
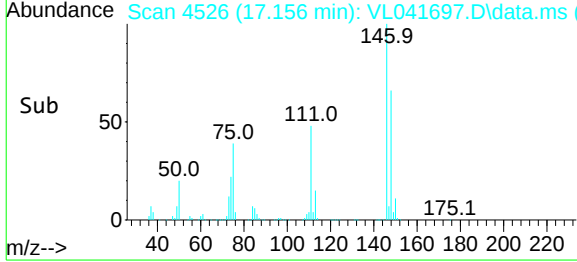
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



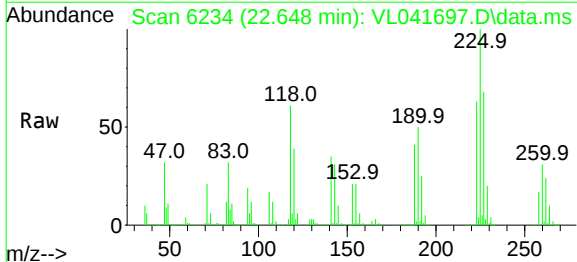
Tgt Ion:146 Resp: 2149012
Ion Ratio Lower Upper
146 100
111 46.5 23.4 70.3
148 64.8 32.1 96.5

Manual Integrations
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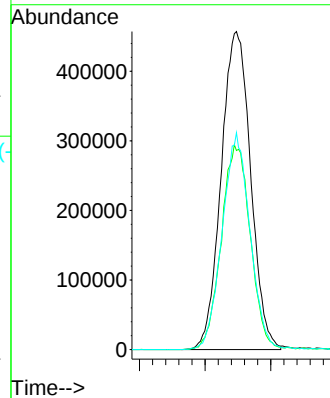
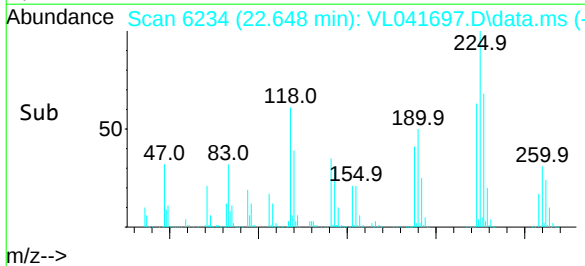
Reviewed By :Semsettin Yesilyurt 11/21/2024
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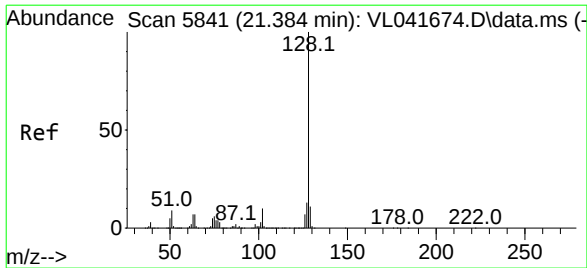


#78
Hexachloro-1,3-Butadiene
Concen: 8.407 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09



Tgt Ion:225 Resp: 1424868
Ion Ratio Lower Upper
225 100
223 63.6 51.1 76.7
227 64.4 51.3 76.9





#79

Naphthalene

Concen: 13.019 ppbv

RT: 21.400 min Scan# 5841

Delta R.T. 0.016 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 2807004

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

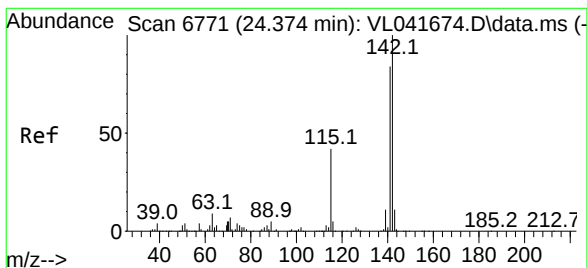
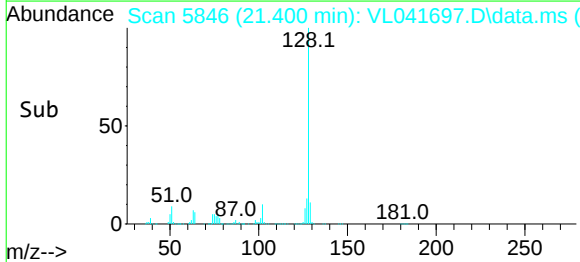
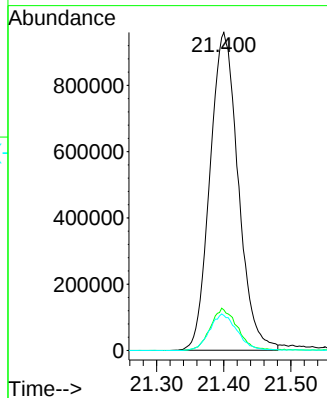
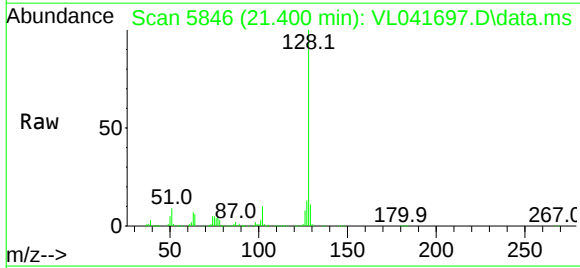
129 11.0 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#80

Naphthalene,2-methyl-

Concen: 11.821 ppbv

RT: 24.387 min Scan# 6775

Delta R.T. 0.013 min

Lab File: VL041697.D

Acq: 20 Nov 2024 8:09

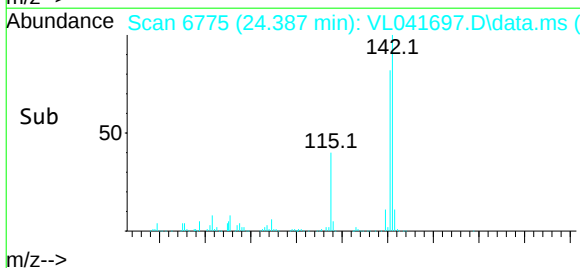
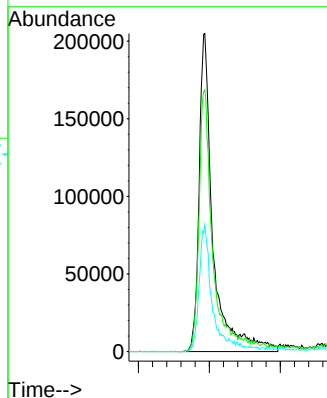
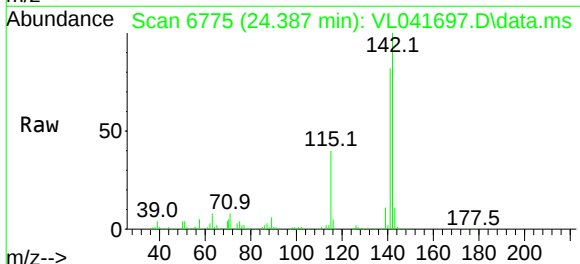
Tgt Ion:142 Resp: 555593

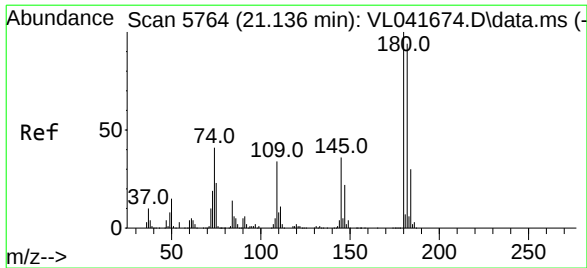
Ion Ratio Lower Upper

142 100

141 83.0 68.1 102.1

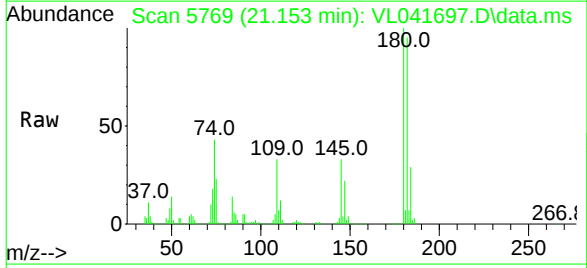
115 39.5 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 10.633 ppbv
RT: 21.153 min Scan# 5769
Delta R.T. 0.016 min
Lab File: VL041697.D
Acq: 20 Nov 2024 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1441696

Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.2	117.2
184	30.7	25.0	37.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

