

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041674.D
 Acq On : 7 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Nov 08 00:09:03 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 00:07:44 2024

Response via : Initial Calibration

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	5.188	49	1170802	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3260349	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3326206m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2380541 9.677 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	2208753	10.438	ppbv	100
3) Chlorodifluoromethane	2.671	51	1393427	9.135	ppbv	100
4) Chloromethane	2.809	50	760160	9.408	ppbv	100
5) Vinyl Chloride	2.915	62	732442	10.005	ppbv	100
6) Bromomethane	3.115	94	371242	9.628	ppbv	100
7) Chloroethane	3.192	64	260602	9.824	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1728631	9.151	ppbv	100
9) Propene	2.690	41	619994	9.327	ppbv	100
10) Heptane	7.577	43	1534950	10.305	ppbv	100
11) Trichlorofluoromethane	3.555	101	1732857	9.401	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	1257722	9.388	ppbv	100
13) Ethanol	3.246	45	33738m	8.160	ppbv	
14) Bromoethene	3.362	108	504428	9.366	ppbv	100
15) Acetone	3.462	43	1285781	8.923	ppbv	100
16) 1,3-Butadiene	2.980	39	734062	10.160	ppbv	100
17) tert-Butyl alcohol	3.873	59	1215299	9.611	ppbv	100
18) 1,1-Dichloroethene	3.873	96	557278	9.484	ppbv	100
19) Isopropyl Alcohol	3.571	45	646252	9.266	ppbv	100
20) Methylene Chloride	3.928	84	468549	8.837	ppbv	100
21) Allyl Chloride	3.992	41	888517	9.979	ppbv	100
22) trans-1,2-Dichloroethene	4.442	96	566347	9.660	ppbv	100
23) Vinyl Acetate	4.623	43	602236	8.886	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1223224	9.380	ppbv	100
25) Ethyl Acetate	5.201	43	2883606	9.668	ppbv	100
26) Hexane	5.208	57	1130877	9.869	ppbv	100
27) Carbon Disulfide	4.118	76	1374259	10.675	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	670928	9.092	ppbv	100
29) Chloroform	5.269	83	1779347	9.407	ppbv	100
30) Cyclohexane	6.597	84	965390	10.487	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1095423	9.937	ppbv	100
32) 1,1,1-Trichloroethane	5.999	97	1742198	10.047	ppbv	100
34) 2-Butanone	4.780	43	1559421	9.606	ppbv	100
35) Carbon Tetrachloride	6.491	117	1838964	10.670	ppbv	100
36) Benzene	6.365	78	2404772	9.955	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1331275	9.768	ppbv	100
38) Trichloroethene	7.288	130	986911	10.594	ppbv	100
39) 1,2-Dichloropropane	7.073	63	927055	9.711	ppbv	100
40) 1,4-Dioxane	7.282	88	361524	10.691	ppbv	100
41) Tetrahydrofuran	5.552	42	961227	10.379	ppbv	100
42) Bromodichloromethane	7.246	83	1922752	10.153	ppbv	100
43) Methyl Methacrylate	7.471	69	939057	11.071	ppbv	100
44) 2,2,4-Trimethylpentane	7.323	57	4079001	9.968	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	920537	12.141	ppbv	100

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Manual Integrations
 APPROVED

Quant Time: Nov 08 00:09:03 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 00:07:44 2024

Response via : Initial Calibration

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	8.140	75	1257121	11.408	ppbv	100
47) 1,1,2-Trichloroethane	8.896	97	1003150	9.746	ppbv	100
48) Dibromochloromethane	9.709	129	1679053	10.690	ppbv	100
49) Bromoform	12.404	173	1497222	11.174	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2628657	10.544	ppbv	100
51) 2-Hexanone	9.548	43	2043690	11.281	ppbv	100
52) Tetrachloroethene	10.616	164	899580	10.893	ppbv	100
53) Toluene	9.217	91	2787590	10.973	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1353490	11.262	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	1266326	9.142	ppbv	100
57) Chlorobenzene	11.526	112	2237328	9.024	ppbv	100
58) Ethyl Benzene	12.085	91	3795372	10.301	ppbv	100
59) m/p-Xylene	12.368	91	6483858m	19.671	ppbv	
60) o-Xylene	13.056	91	3148609	10.005	ppbv	100
61) Styrene	12.896	104	1515741	11.670	ppbv	100
62) Isopropylbenzene	14.027	105	4647017	9.566	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	2194609	9.578	ppbv	100
64) n-propylbenzene	14.912	120	1256955	9.895	ppbv	100
65) tert-Butylbenzene	16.088	119	4162243	9.533	ppbv	100
66) Benzyl Chloride	16.326	91	359794	11.442	ppbv	100
67) sec-Butylbenzene	16.635	105	5857608	9.519	ppbv	100
69) p-Isopropyltoluene	16.992	119	4920309	9.887	ppbv	100
70) n-Butylbenzene	17.882	91	5021145	9.843	ppbv	100
71) 2-Chlorotoluene	14.796	91	3508288	9.986	ppbv	100
72) 4-Ethyltoluene	15.191	105	3763123	10.297	ppbv	100
73) 1,3,5-Trimethylbenzene	15.349	105	3217635	10.042	ppbv	100
74) 1,2,4-Trimethylbenzene	16.104	105	3563067	9.559	ppbv	100
75) 1,3-Dichlorobenzene	16.326	146	2192903	9.524	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	2144446	9.479	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	2138612	9.353	ppbv	100
78) Hexachloro-1,3-Butadiene	22.631	225	1422723m	7.865	ppbv	
79) Naphthalene	21.384	128	2767333	12.072	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	466005	10.957	ppbv	100
81) 1,2,4-Trichlorobenzene	21.136	180	1415249	9.925	ppbv	100

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

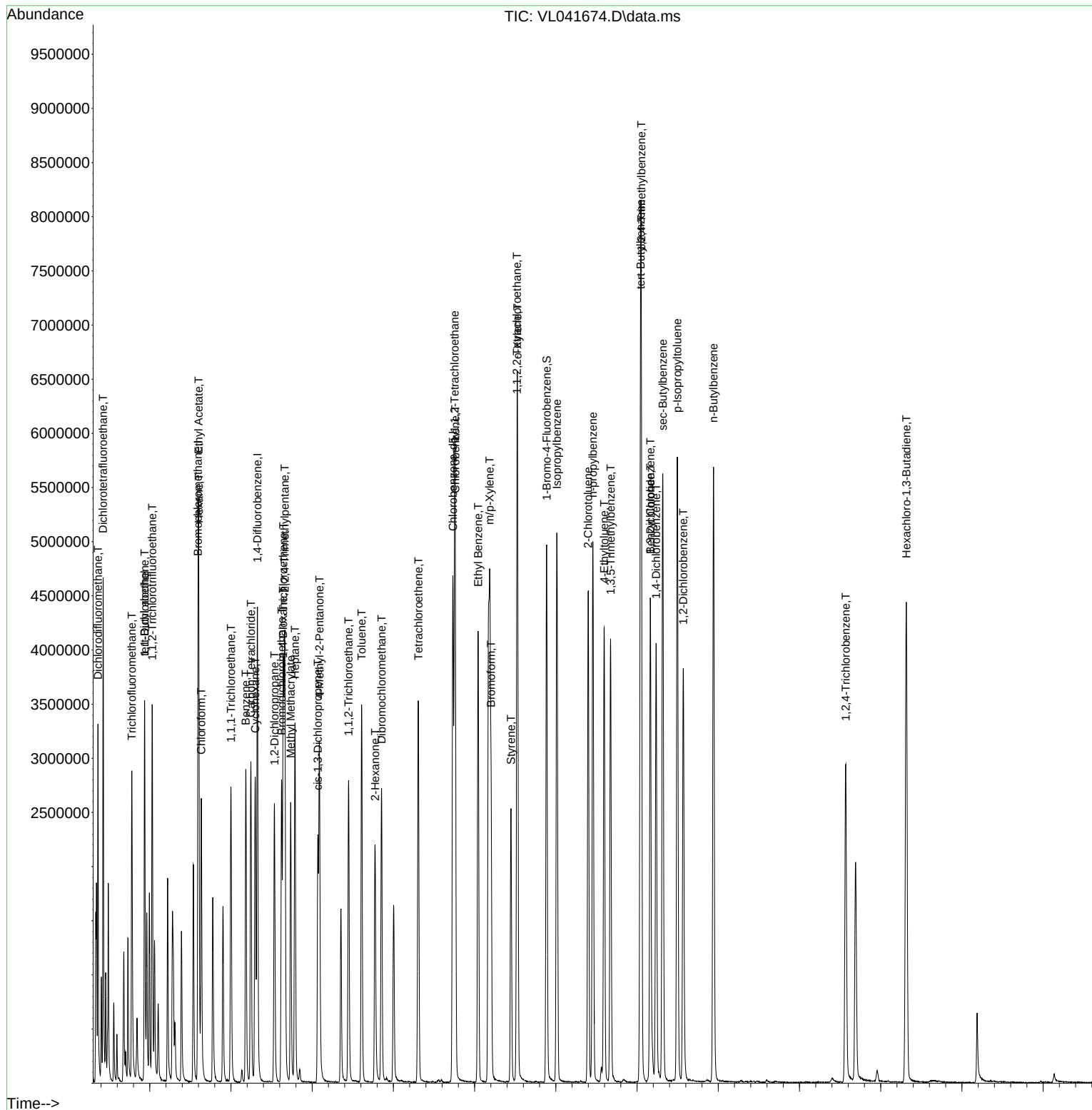
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
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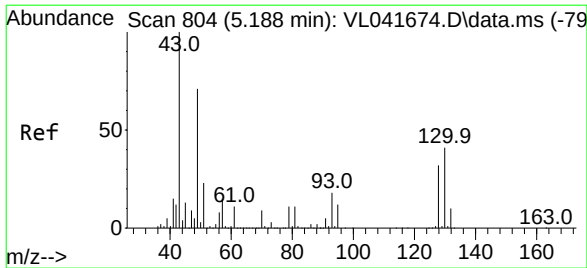
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

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

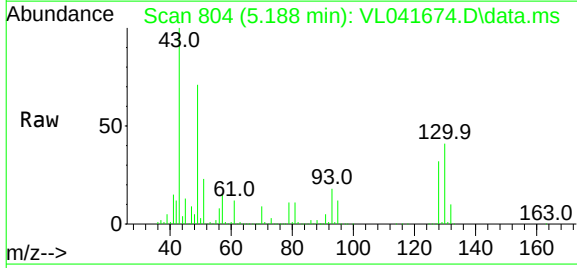
Quant Time: Nov 08 00:09:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 08 00:07:44 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

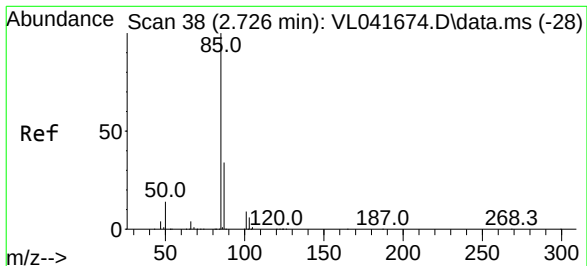
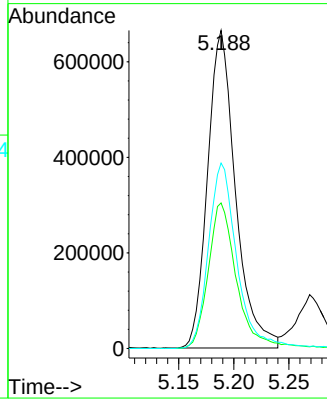
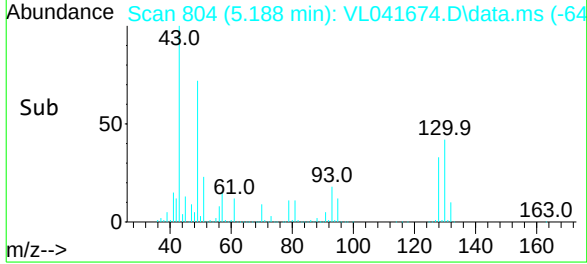
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 1170802
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 60.3 30.1 90.5

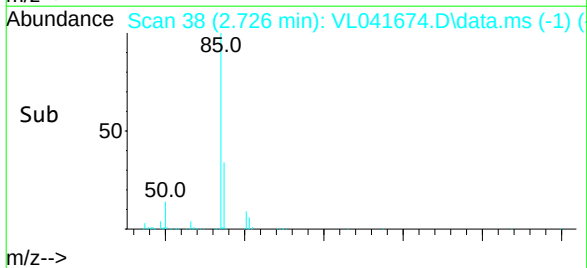
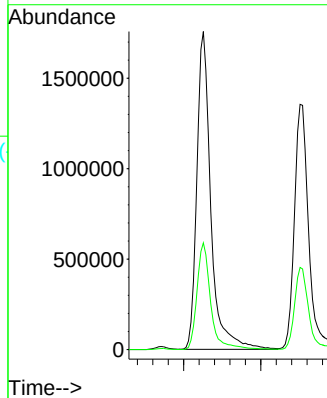
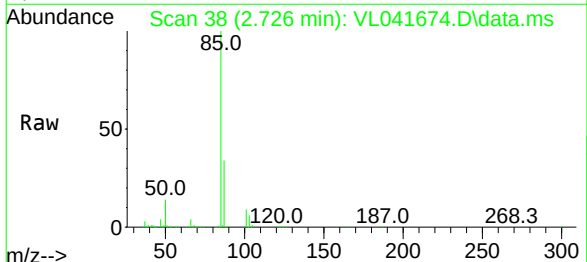
Manual Integrations
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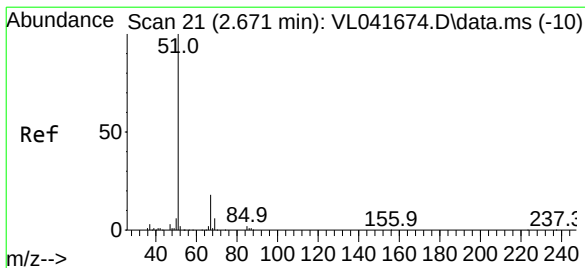
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 10.438 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

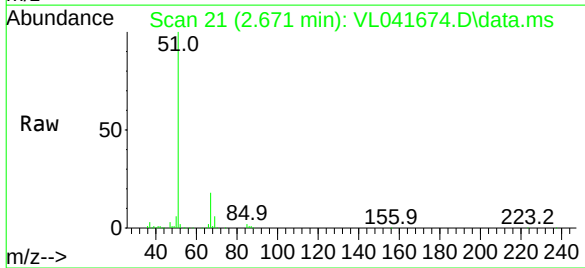
Tgt Ion: 85 Resp: 2208753
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.135 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

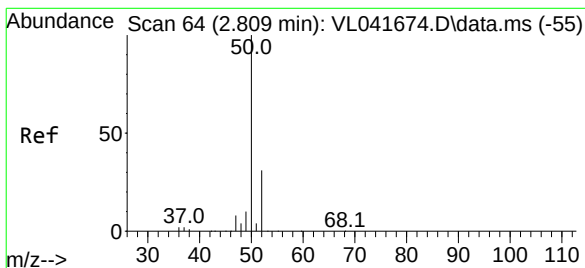
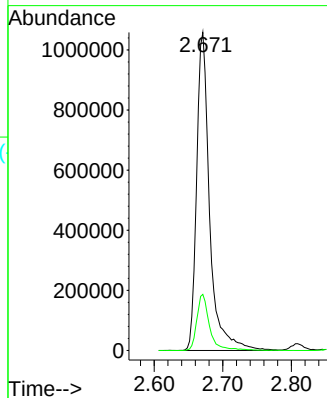
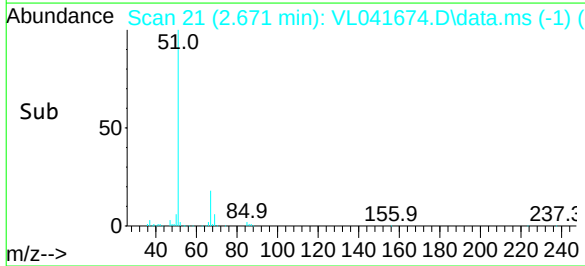
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 1393427
Ion Ratio Lower Upper
51 100
67 17.4 13.9 20.9

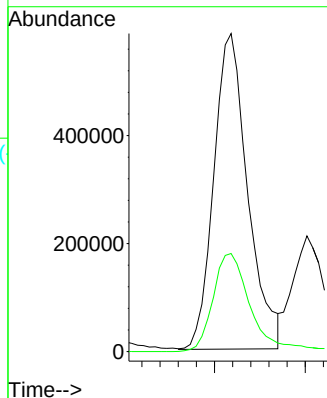
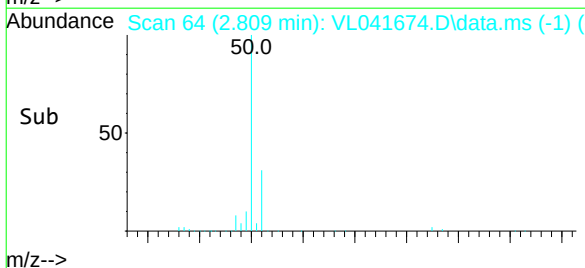
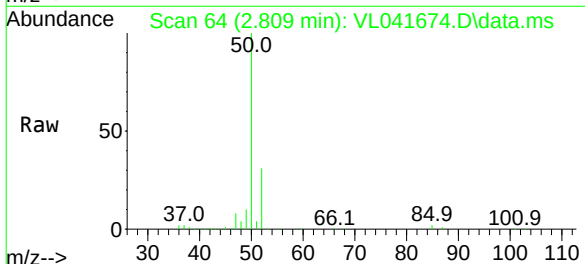
Manual Integrations
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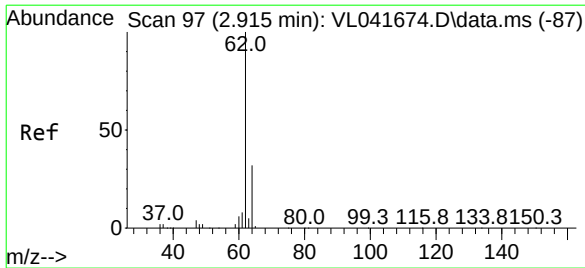
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 9.408 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 50 Resp: 760160
Ion Ratio Lower Upper
50 100
52 31.1 24.9 37.3





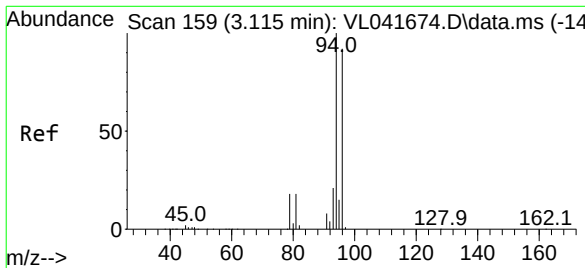
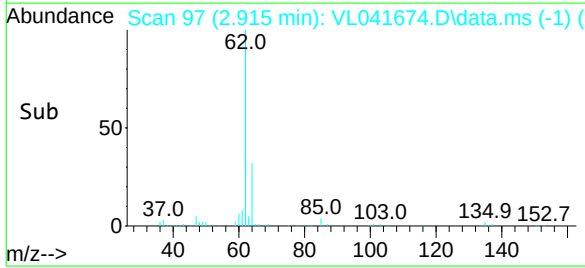
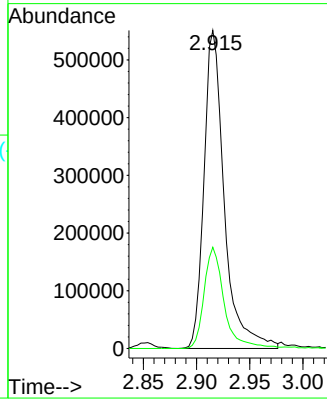
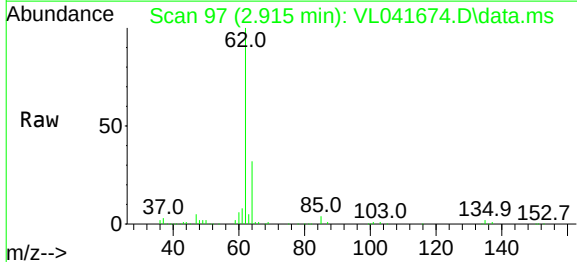
#5
 Vinyl Chloride
 Concen: 10.005 ppbv
 RT: 2.915 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 732442
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2

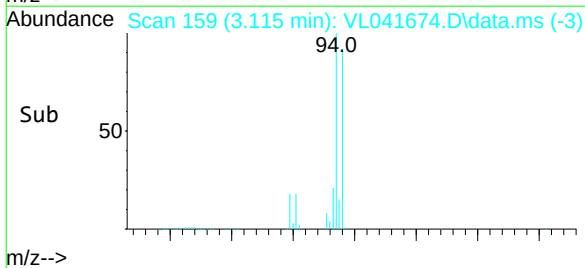
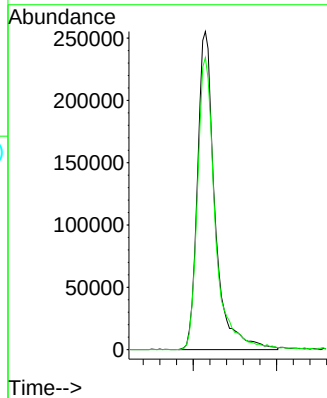
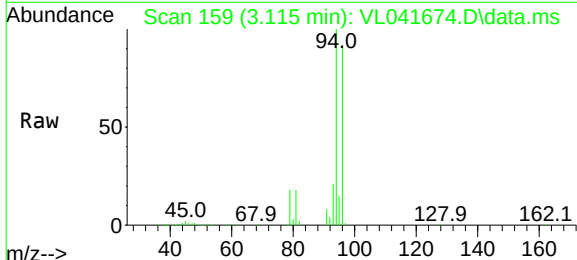
Manual Integrations
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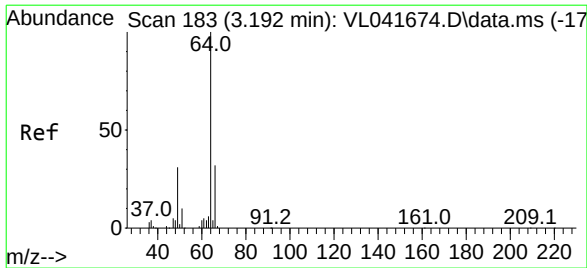
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#6
 Bromomethane
 Concen: 9.628 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

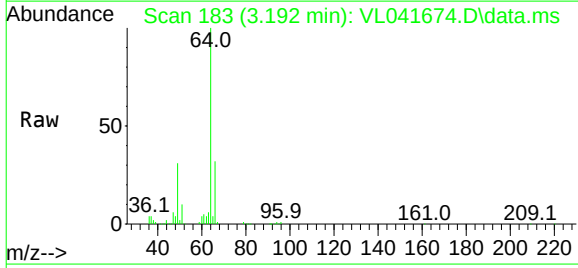
Tgt Ion: 94 Resp: 371242
 Ion Ratio Lower Upper
 94 100
 96 91.8 73.4 110.2





#7
Chloroethane
Concen: 9.824 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

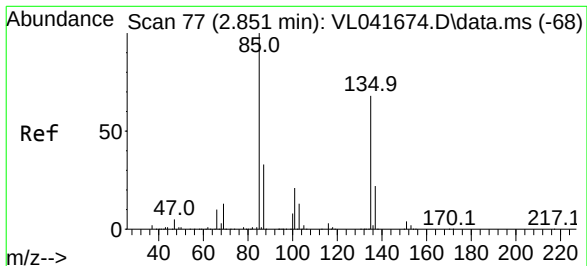
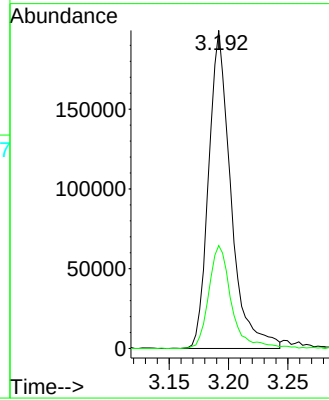
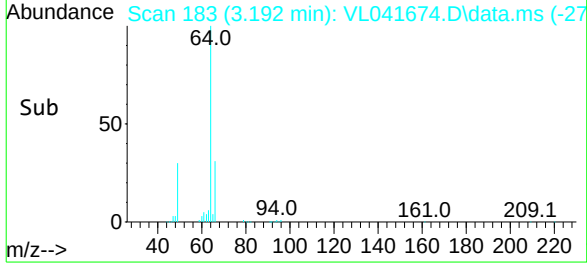
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 260602
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9

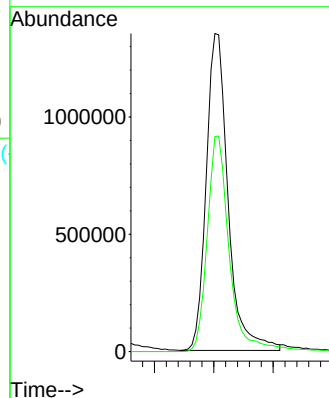
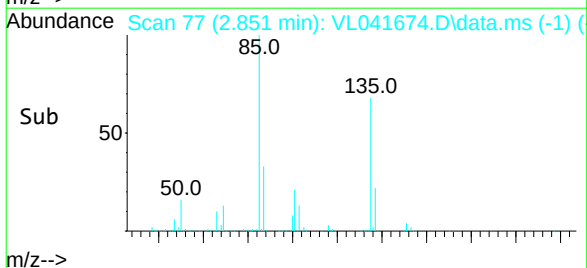
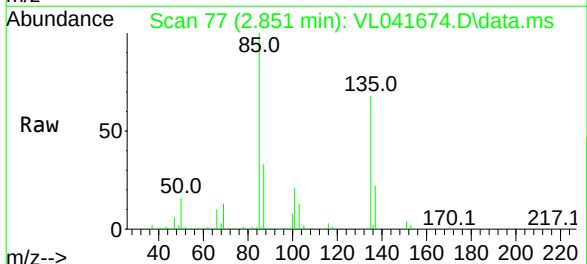
Manual Integrations
APPROVED

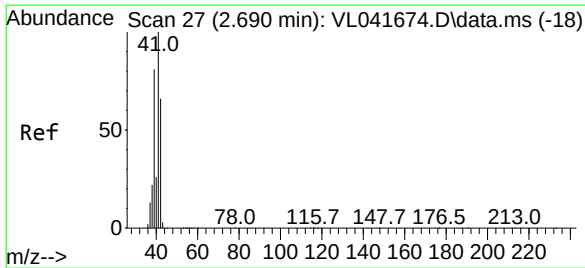
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 9.151 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 85 Resp: 1728631
Ion Ratio Lower Upper
85 100
135 69.4 55.5 83.3





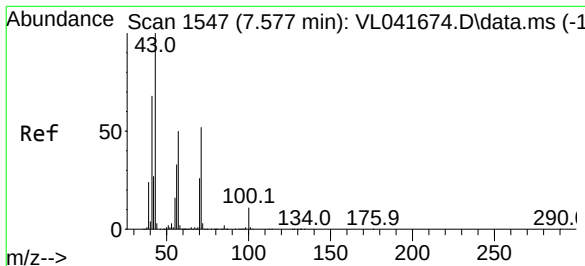
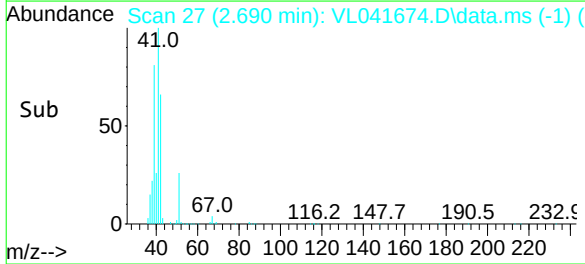
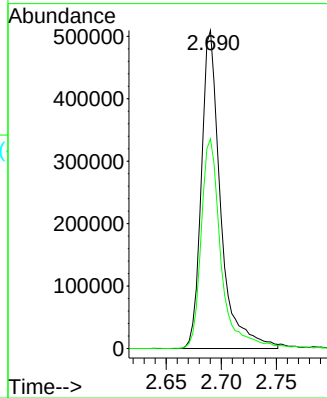
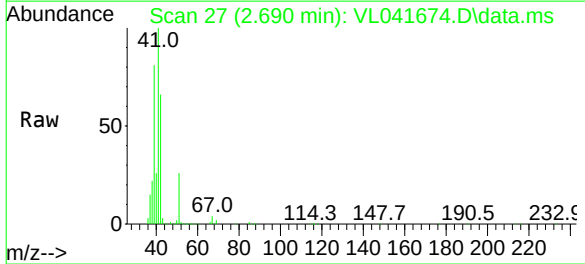
#9
Propene
Concen: 9.327 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 619994
Ion Ratio Lower Upper
41 100
42 68.7 55.0 82.4

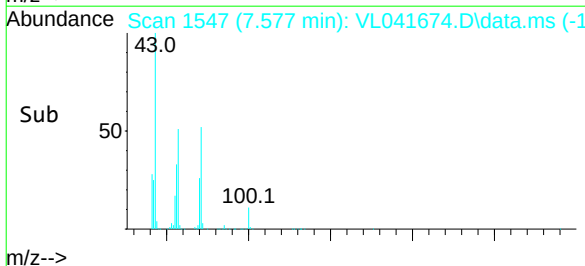
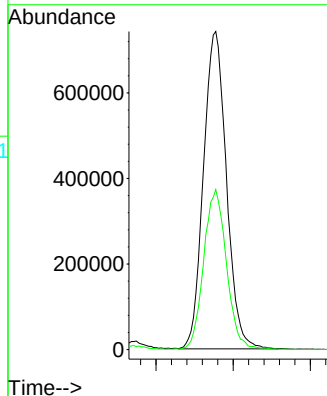
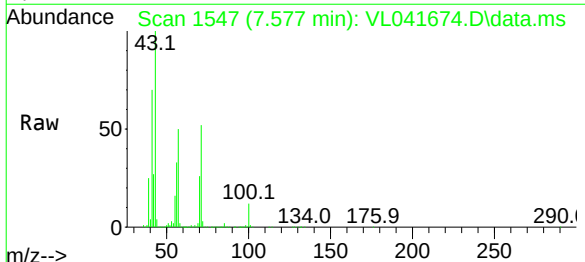
Manual Integrations
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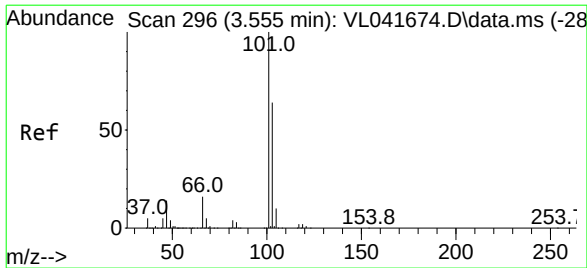
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#10
Heptane
Concen: 10.305 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 43 Resp: 1534950
Ion Ratio Lower Upper
43 100
57 50.0 40.0 60.0





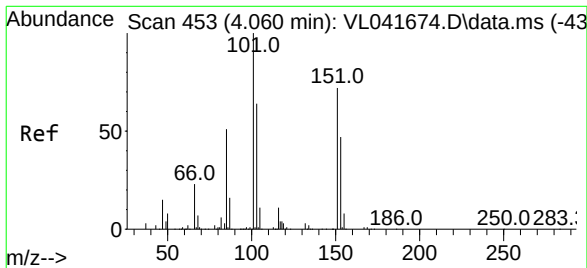
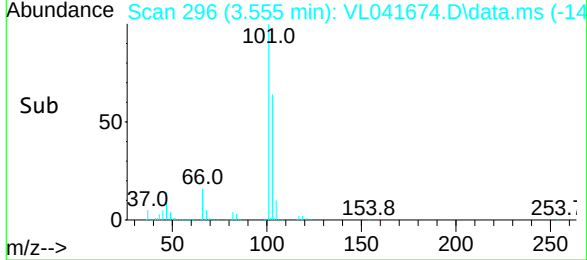
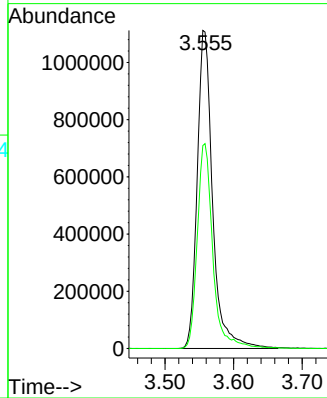
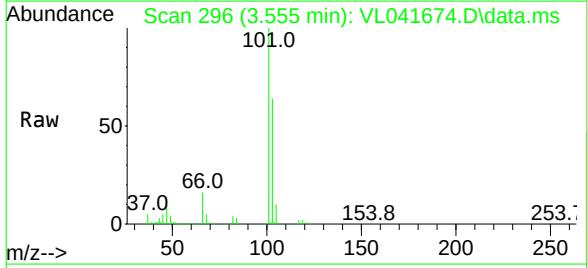
#11
Trichlorofluoromethane
Concen: 9.401 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1732857
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

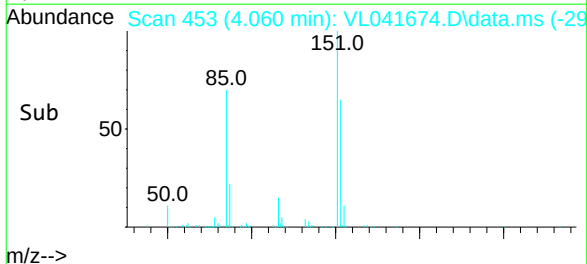
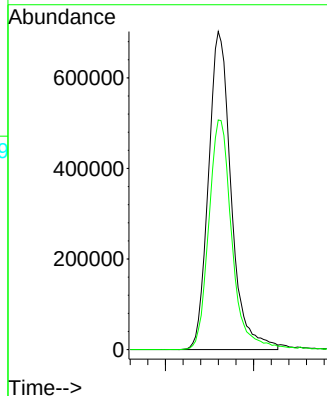
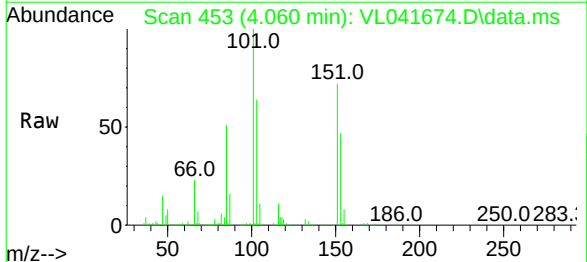
Manual Integrations
APPROVED

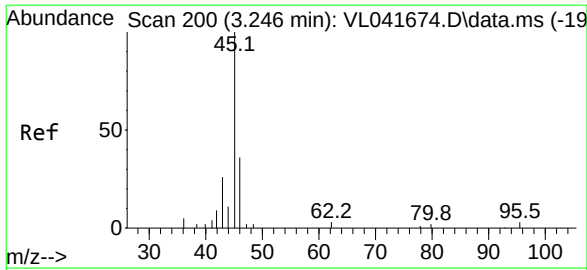
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.388 ppbv
RT: 4.060 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

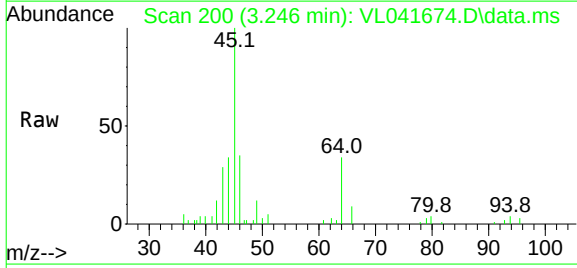
Tgt Ion:101 Resp: 1257722
Ion Ratio Lower Upper
101 100
151 73.9 59.1 88.7





#13
Ethanol
Concen: 8.160 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

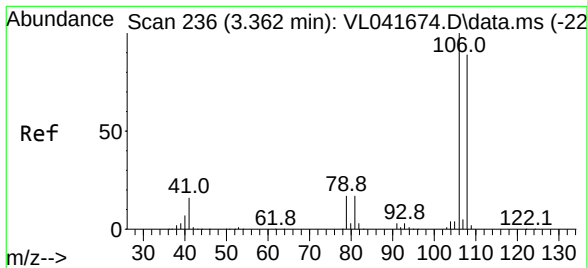
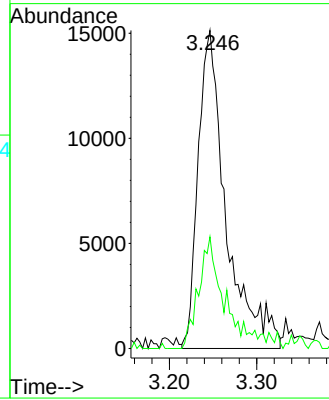
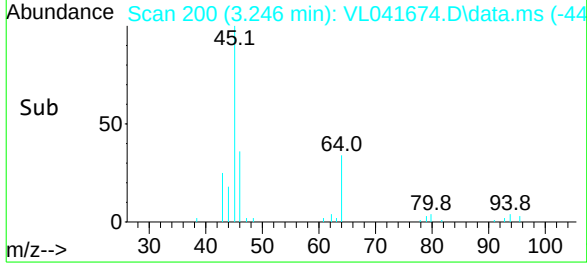
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



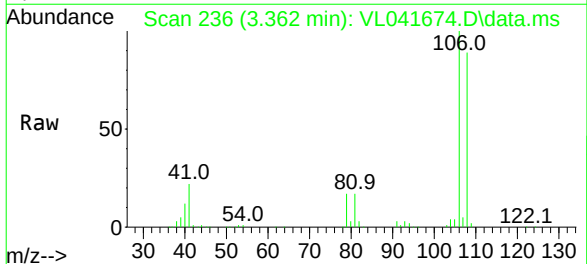
Tgt Ion: 45 Resp: 33738
Ion Ratio Lower Upper
45 100
46 34.5 13.8 55.2

Manual Integrations
APPROVED

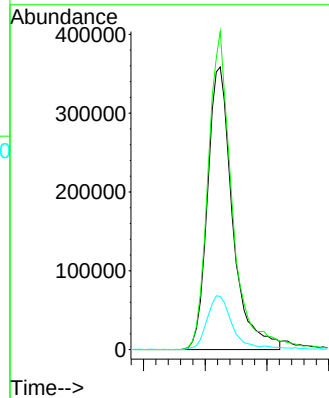
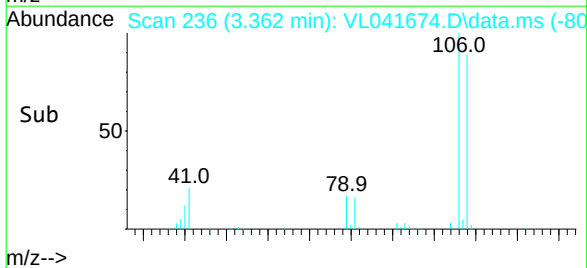
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

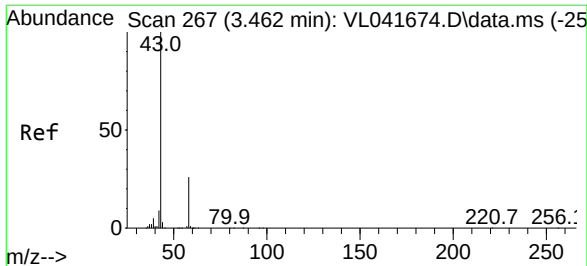


#14
Bromoethene
Concen: 9.366 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



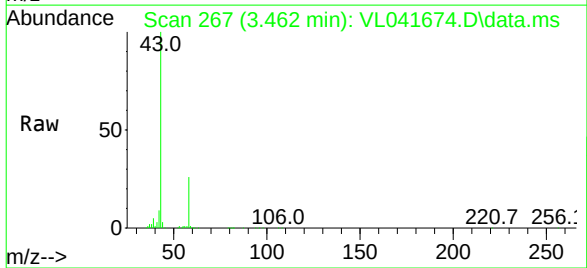
Tgt Ion:108 Resp: 504428
Ion Ratio Lower Upper
108 100
106 110.8 88.6 133.0
79 19.5 15.6 23.4





#15
Acetone
Concen: 8.923 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

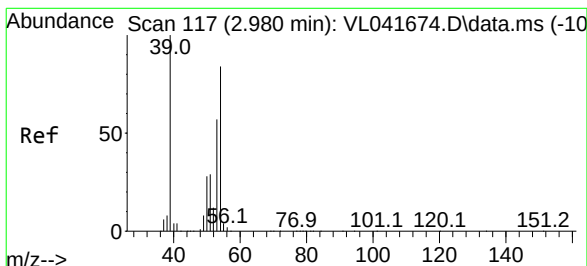
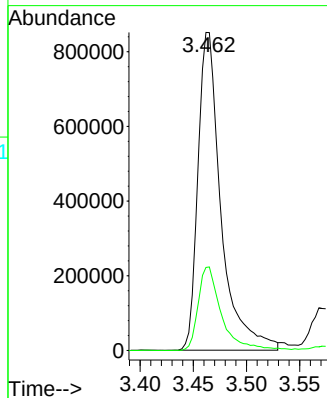
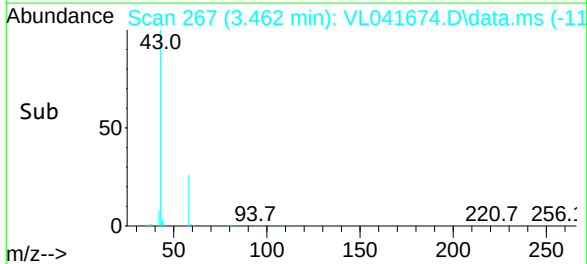
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 1285781
Ion Ratio Lower Upper
43 100
58 26.7 21.4 32.0

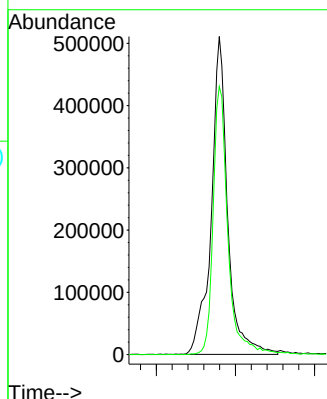
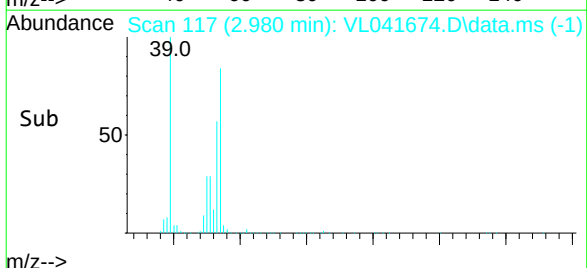
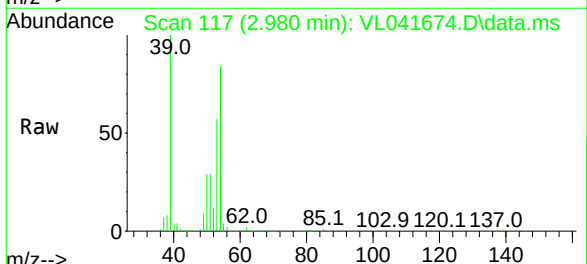
Manual Integrations
APPROVED

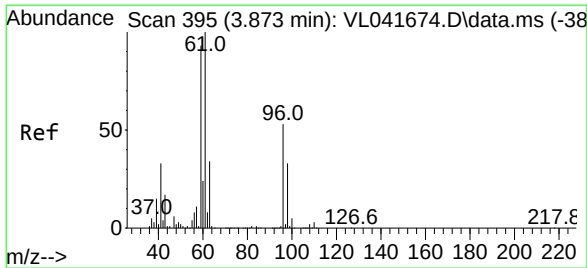
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 10.160 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

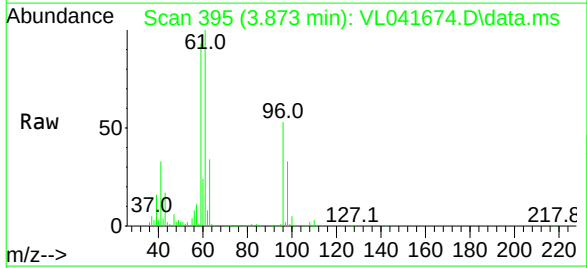
Tgt Ion: 39 Resp: 734062
Ion Ratio Lower Upper
39 100
54 76.6 61.3 91.9





#17
tert-Butyl alcohol
Concen: 9.611 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

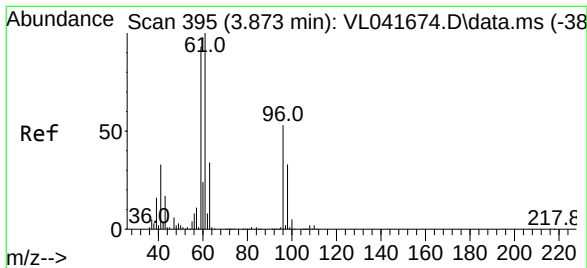
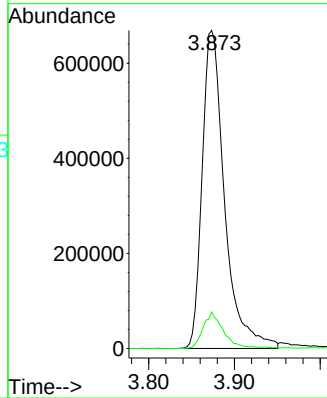
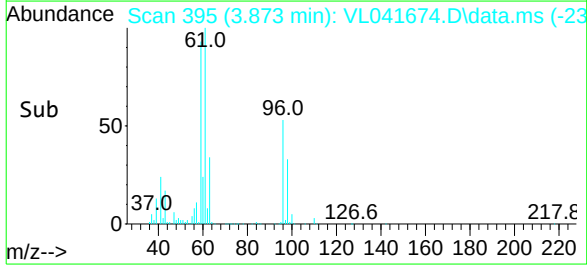
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



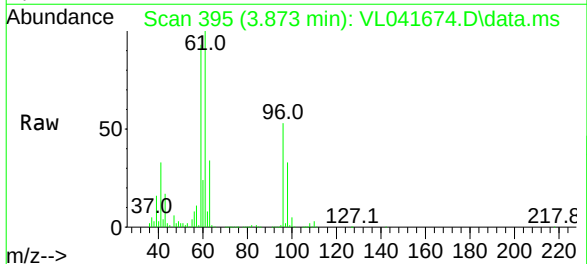
Tgt Ion: 59 Resp: 1215299
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

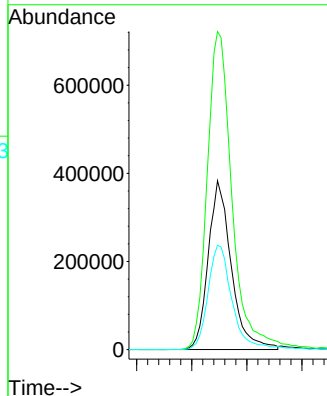
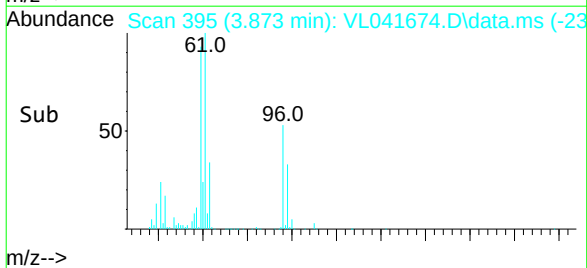
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

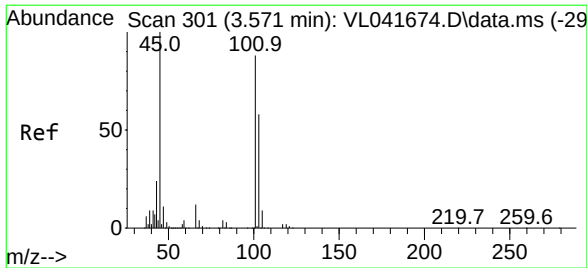


#18
1,1-Dichloroethene
Concen: 9.484 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



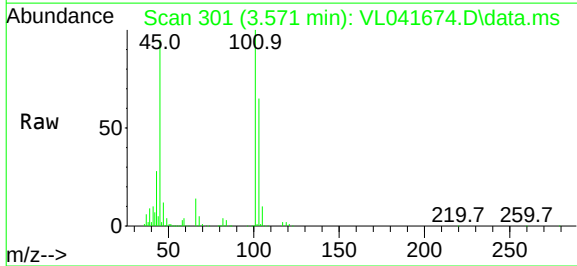
Tgt Ion: 96 Resp: 557278
Ion Ratio Lower Upper
96 100
61 188.4 150.7 226.1
98 61.8 49.4 74.2





#19
Isopropyl Alcohol
Concen: 9.266 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

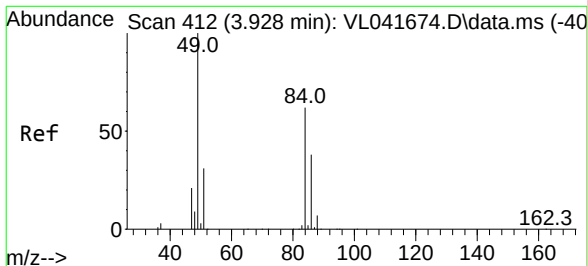
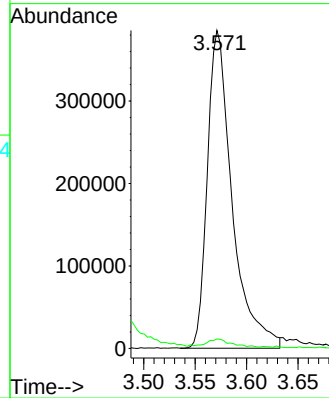
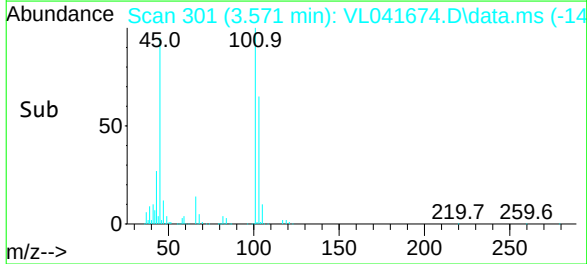
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 646252
Ion Ratio Lower Upper
45 100
58 3.1 2.5 3.7

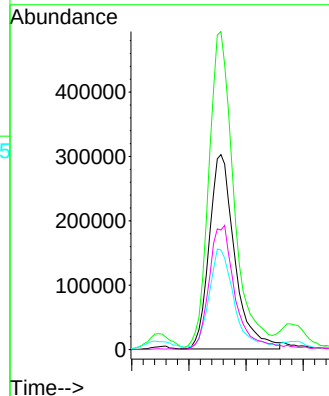
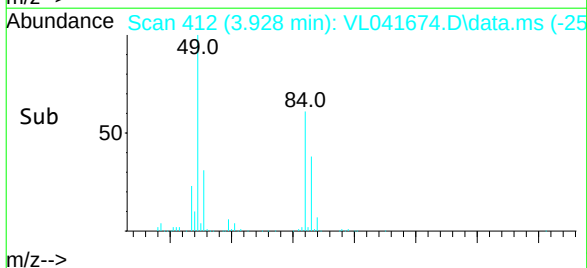
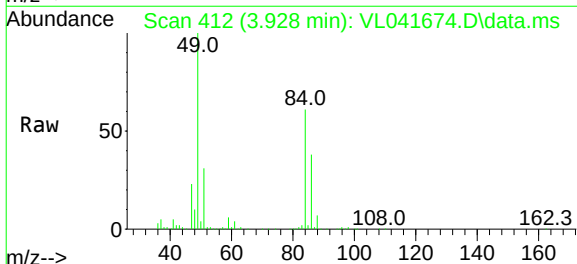
Manual Integrations
APPROVED

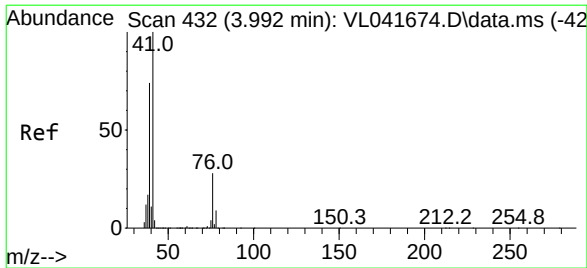
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#20
Methylene Chloride
Concen: 8.837 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 84 Resp: 468549
Ion Ratio Lower Upper
84 100
49 162.1 129.7 194.5
51 49.7 39.8 59.6
86 61.4 49.1 73.7





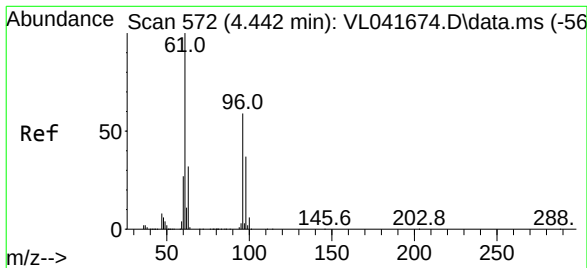
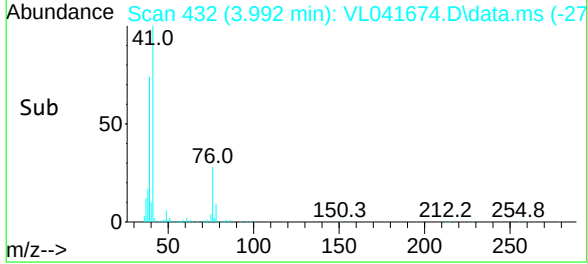
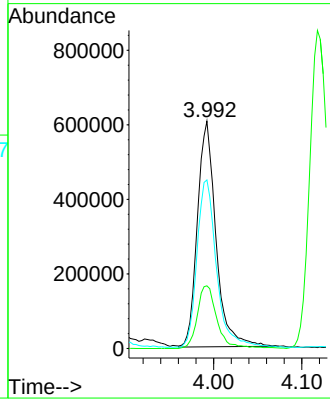
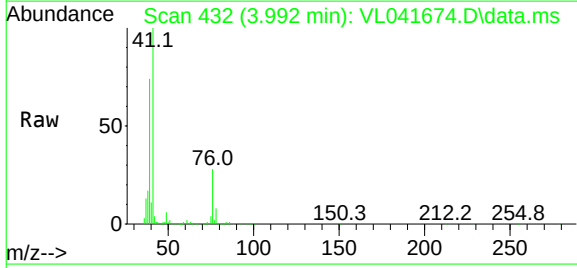
#21
 Allyl Chloride
 Concen: 9.979 ppbv
 RT: 3.992 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	41	Resp:	888517
Ion	Ratio	Lower	Upper
41	100		
76	29.4	23.5	35.3
39	78.7	63.0	94.4

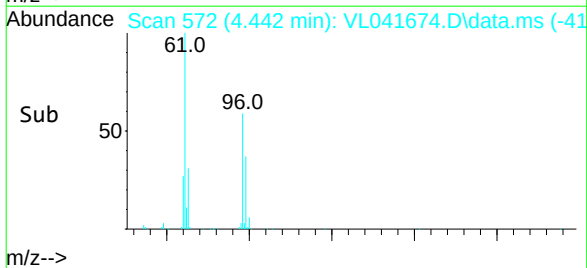
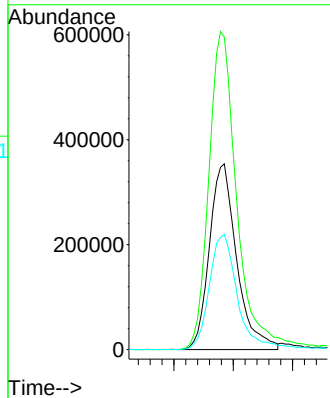
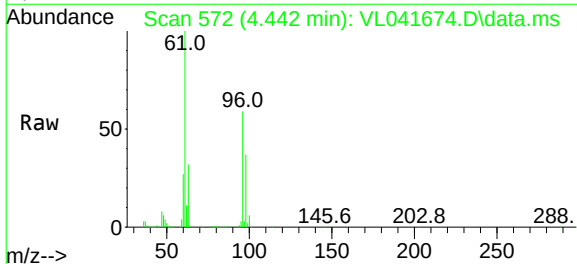
Manual Integrations
 APPROVED

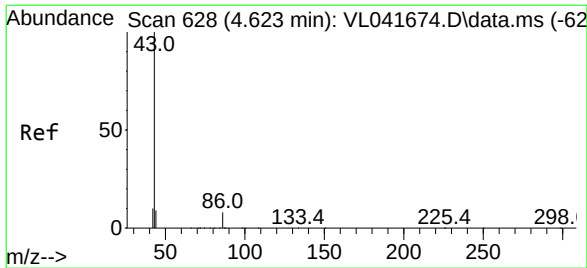
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.660 ppbv
 RT: 4.442 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

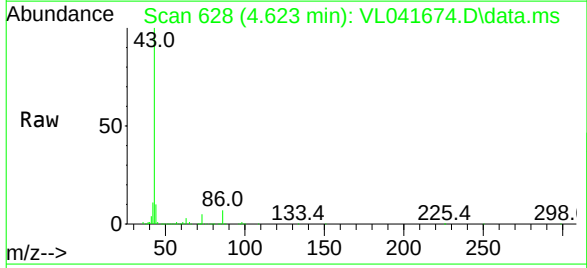
Tgt Ion:	96	Resp:	566347
Ion	Ratio	Lower	Upper
96	100		
61	168.1	134.5	201.7
98	62.0	49.6	74.4





#23
Vinyl Acetate
Concen: 8.886 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

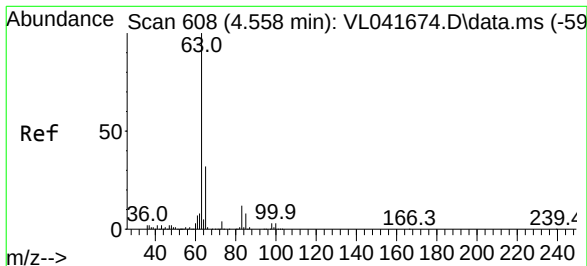
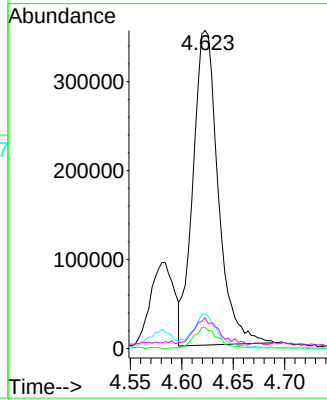
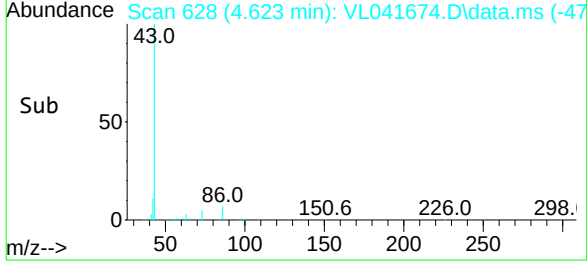
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 602236
Ion Ratio Lower Upper
43 100
86 6.6 5.3 7.9
42 10.6 8.5 12.7
44 8.4 6.7 10.1

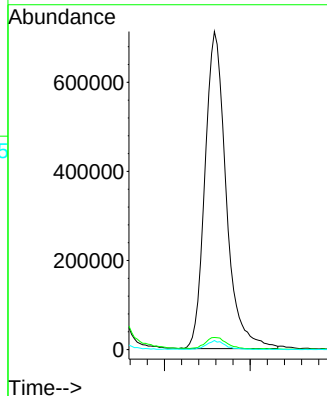
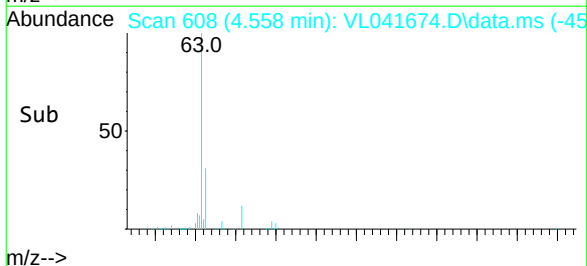
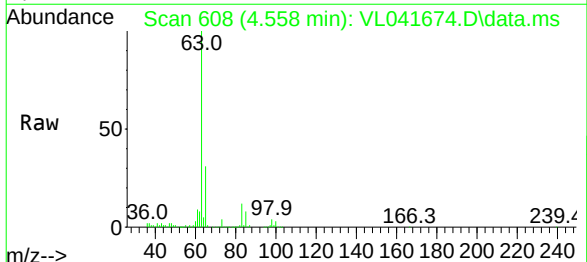
Manual Integrations
APPROVED

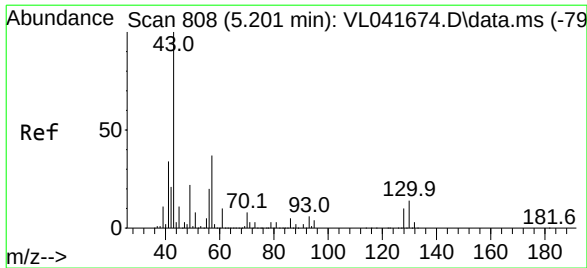
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#24
1,1-Dichloroethane
Concen: 9.380 ppbv
RT: 4.558 min Scan# 608
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

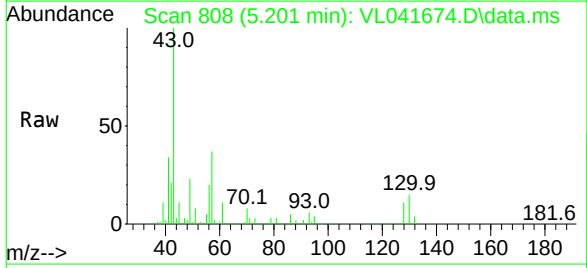
Tgt Ion: 63 Resp: 1223224
Ion Ratio Lower Upper
63 100
98 3.6 1.8 5.4
100 2.8 1.4 4.2





#25
Ethyl Acetate
Concen: 9.668 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

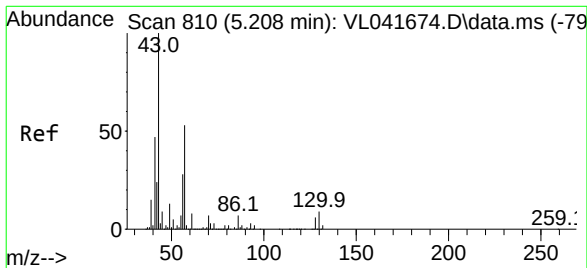
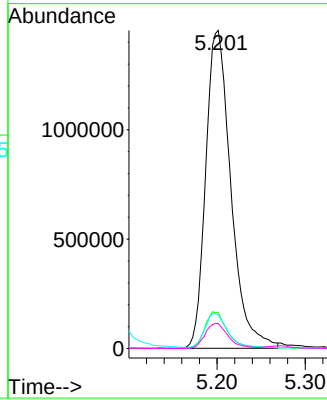
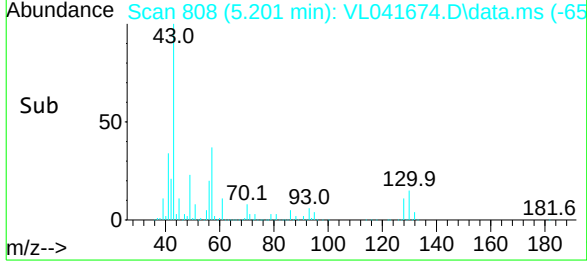
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2883606
Ion Ratio Lower Upper
43 100
45 10.8 8.6 13.0
61 10.5 8.4 12.6
70 7.2 5.8 8.6

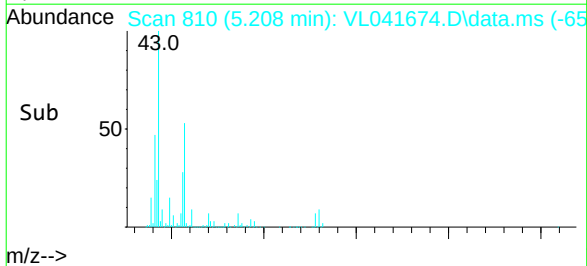
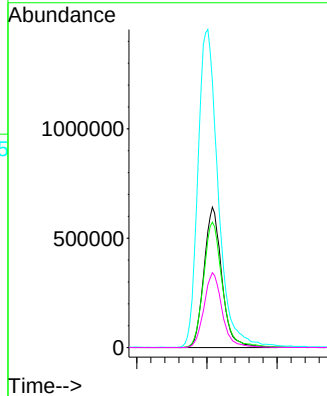
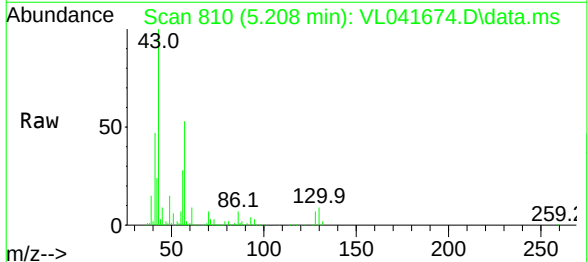
Manual Integrations
APPROVED

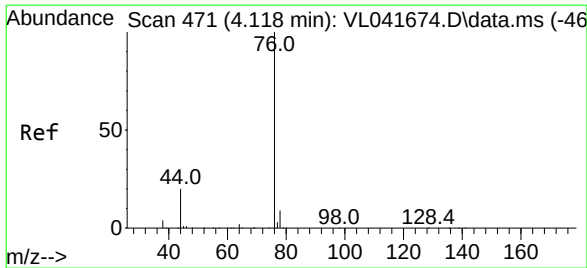
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#26
Hexane
Concen: 9.869 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

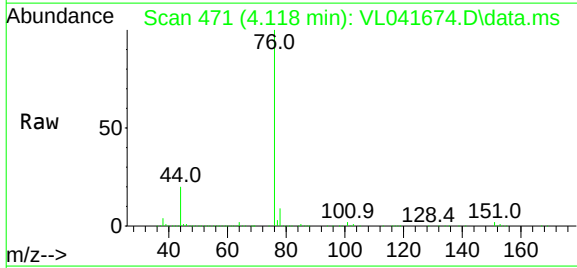
Tgt Ion: 57 Resp: 1130877
Ion Ratio Lower Upper
57 100
41 95.1 76.1 114.1
43 258.8 207.0 310.6
56 54.6 43.7 65.5





#27
Carbon Disulfide
Concen: 10.675 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

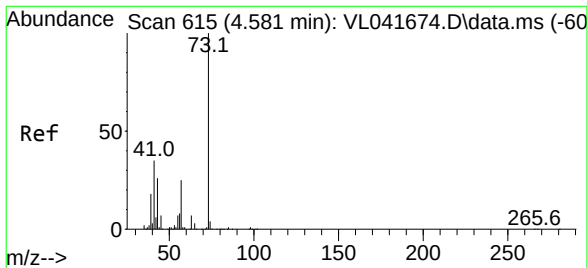
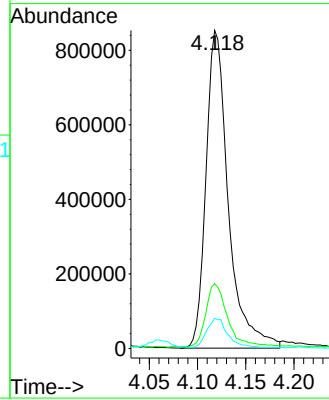
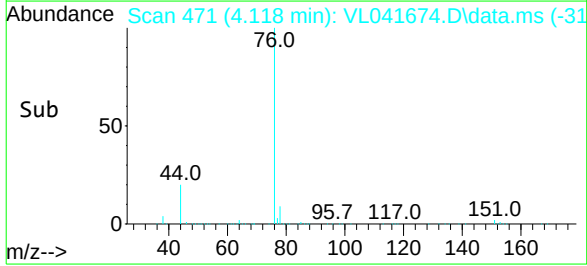
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 1374259
Ion Ratio Lower Upper
76 100
44 19.8 15.8 23.8
78 9.4 7.5 11.3

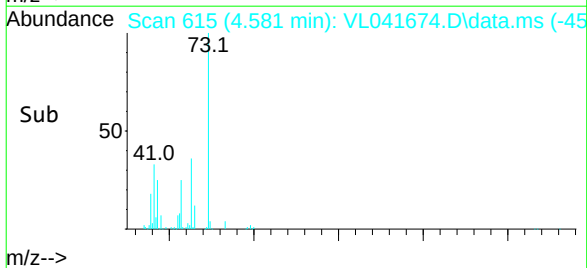
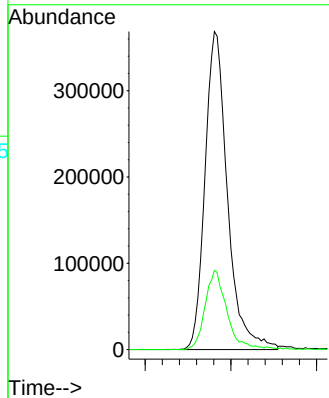
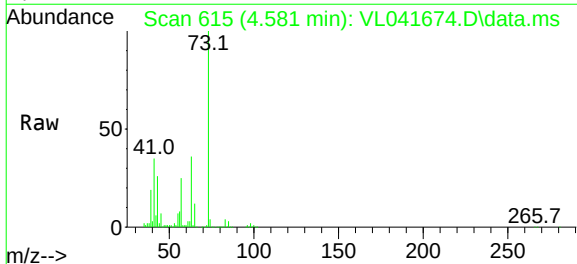
Manual Integrations
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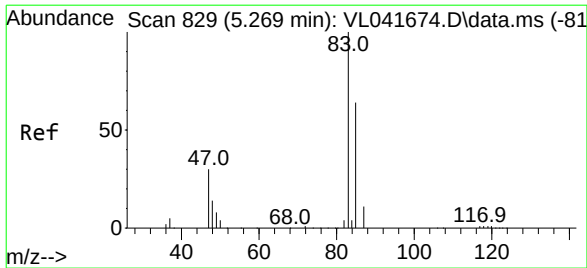
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 9.092 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 73 Resp: 670928
Ion Ratio Lower Upper
73 100
57 24.5 19.6 29.4





#29

Chloroform

Concen: 9.407 ppbv

RT: 5.269 min Scan# 829

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1779347

Ion Ratio Lower Upper

83 100

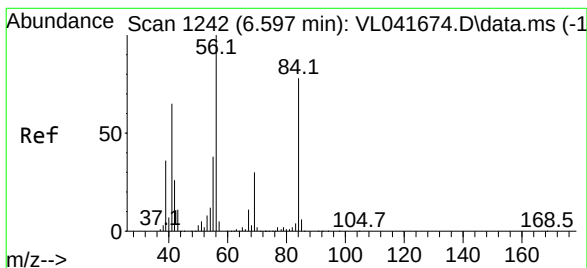
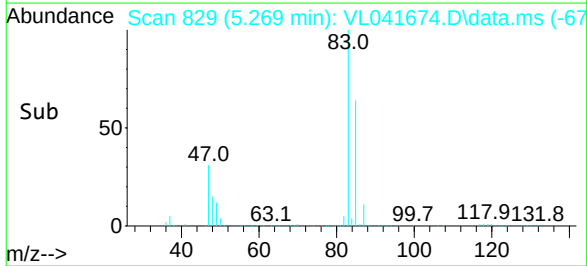
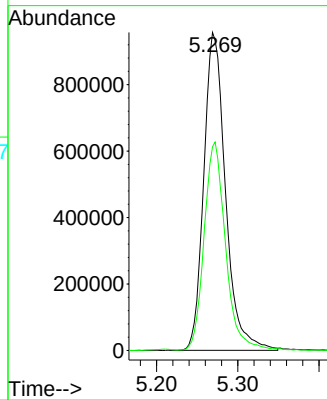
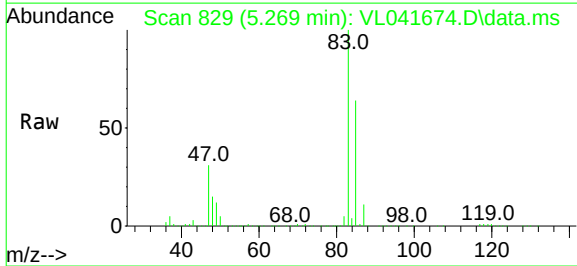
85 63.9 51.1 76.7

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Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#30

Cyclohexane

Concen: 10.487 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

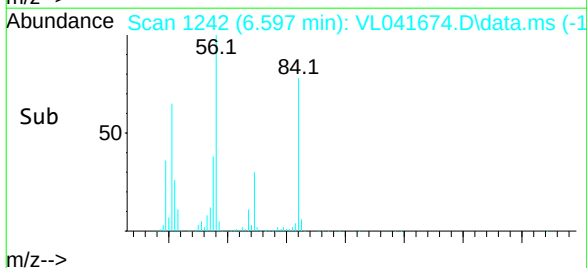
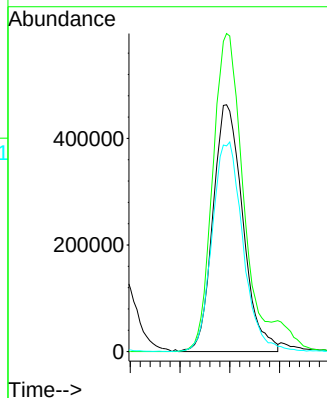
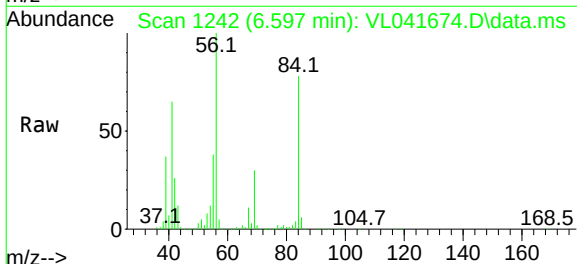
Tgt Ion: 84 Resp: 965390

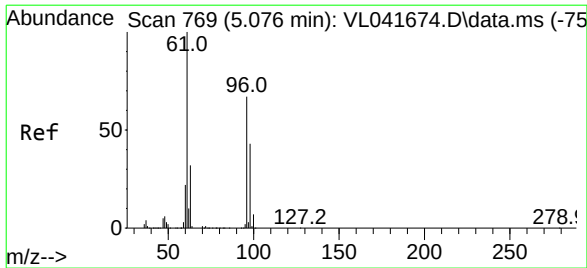
Ion Ratio Lower Upper

84 100

56 138.5 110.8 166.2

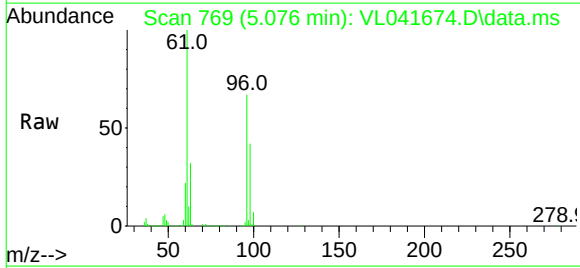
41 87.5 70.0 105.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.937 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

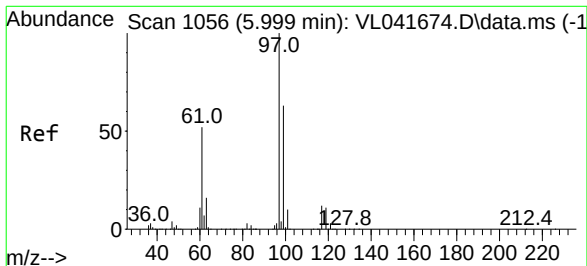
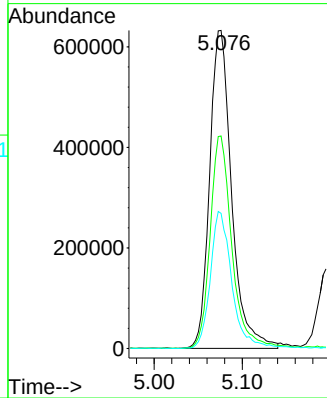
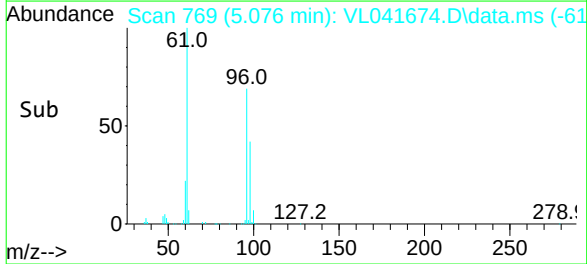
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



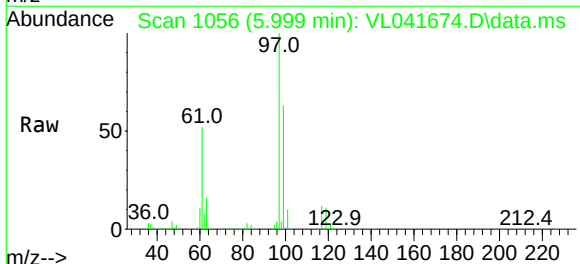
Tgt Ion: 61 Resp: 1095423
 Ion Ratio Lower Upper
 61 100
 96 66.8 53.4 80.2
 98 42.5 34.0 51.0

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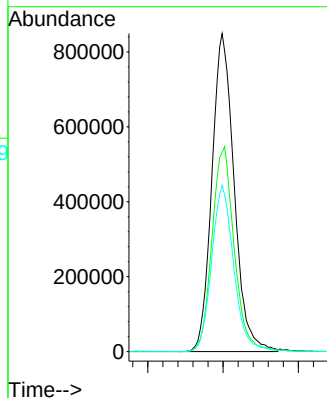
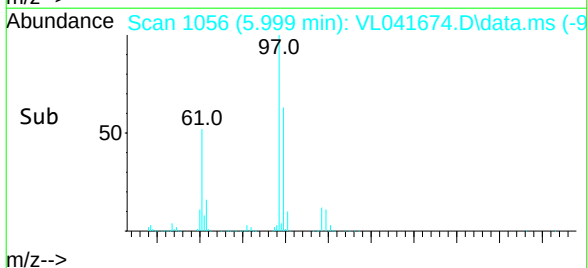
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

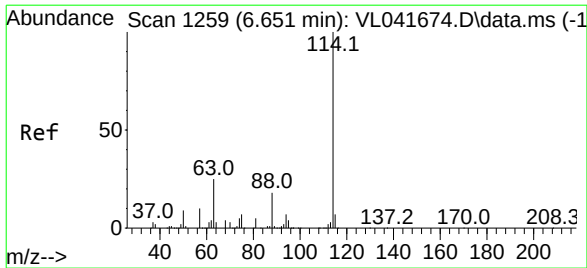


#32
 1,1,1-Trichloroethane
 Concen: 10.047 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15



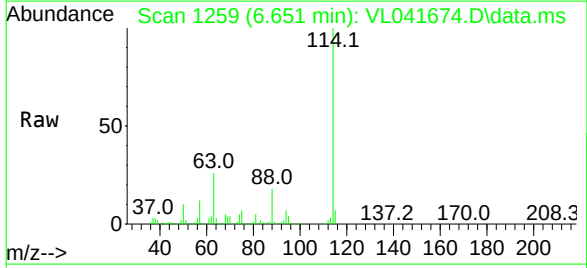
Tgt Ion: 97 Resp: 1742198
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.4 77.2
 61 52.1 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

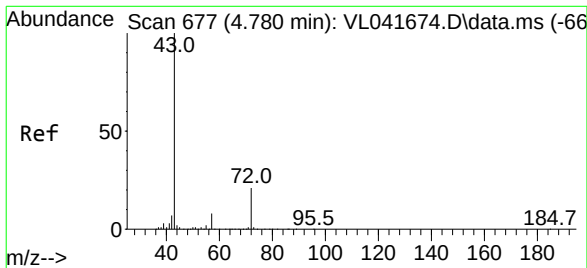
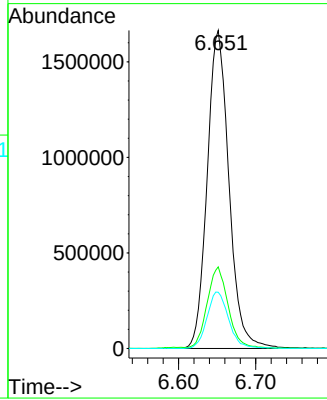
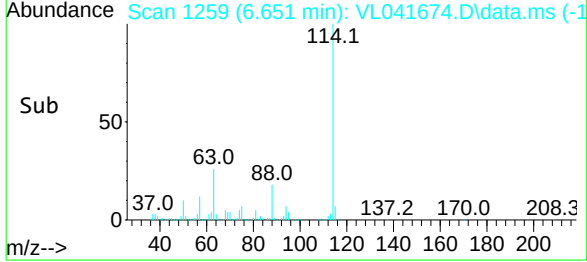
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 3260349
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.8 14.2 21.4

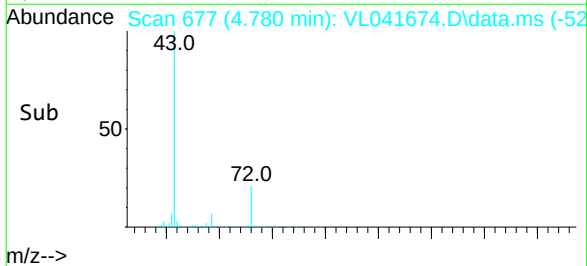
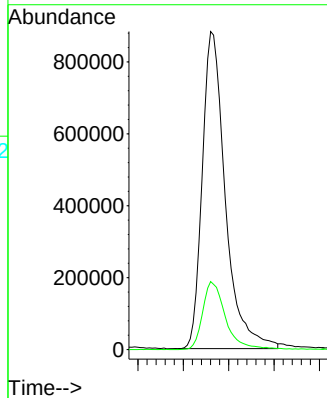
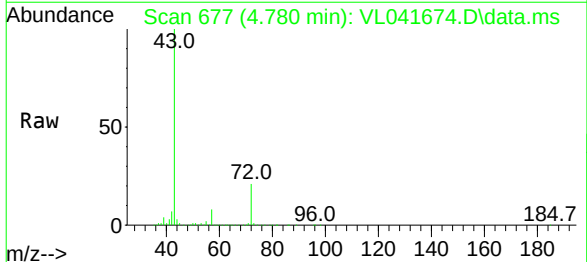
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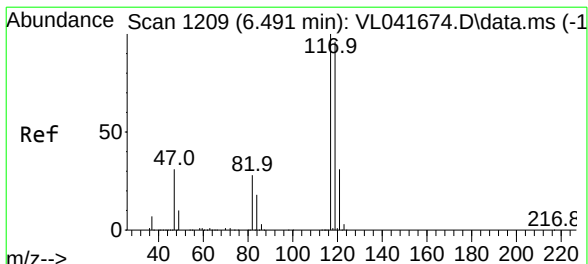
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 9.606 ppbv
RT: 4.780 min Scan# 677
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

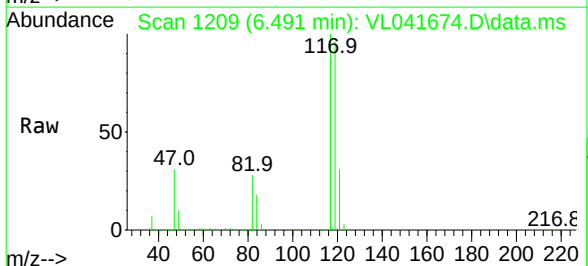
Tgt Ion: 43 Resp: 1559421
Ion Ratio Lower Upper
43 100
72 21.7 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.670 ppbv
RT: 6.491 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

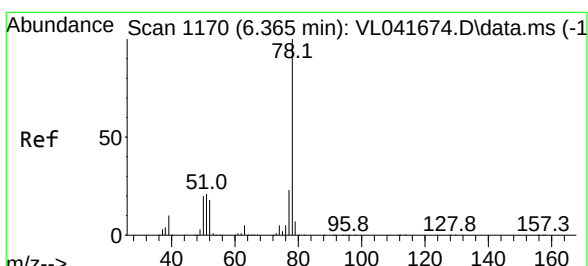
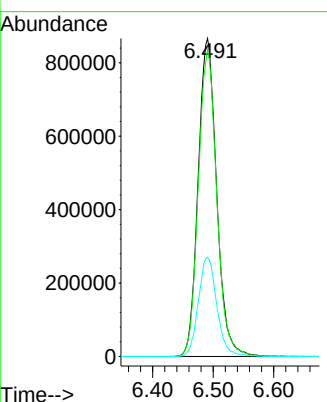
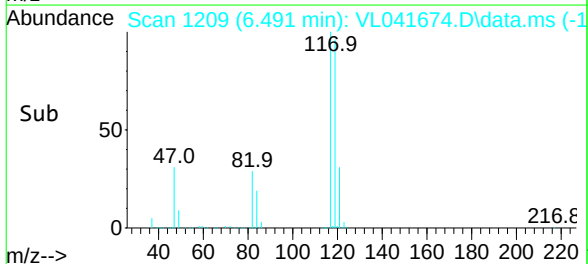
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



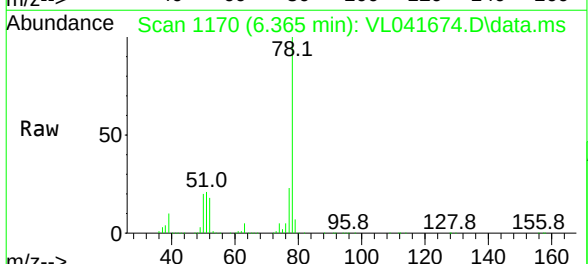
Tgt Ion: 117 Resp: 1838964

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	31.2	25.0	37.4

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

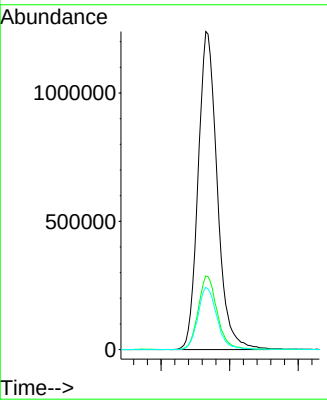
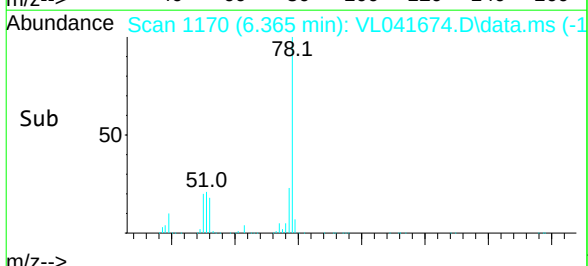


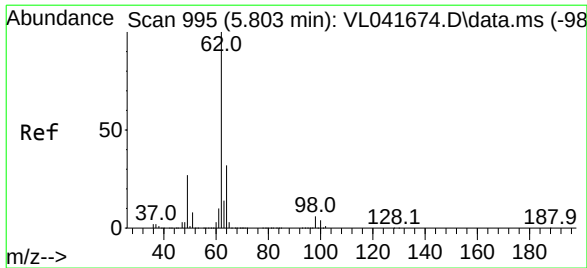
#36
Benzene
Concen: 9.955 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



Tgt Ion: 78 Resp: 2404772

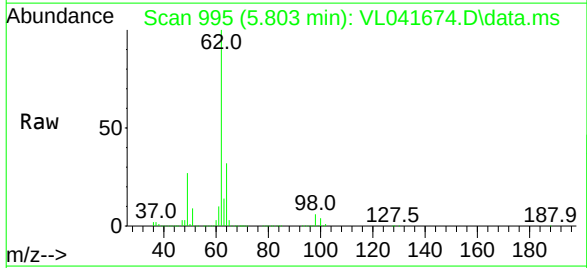
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.5	27.7
50	19.5	15.6	23.4





#37
1,2-Dichloroethane
Concen: 9.768 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

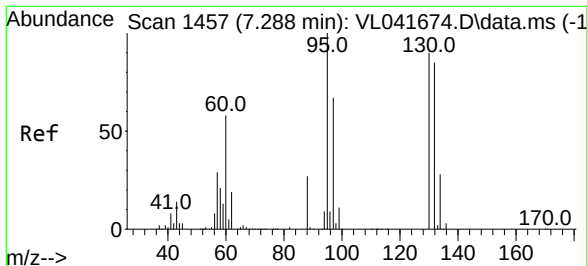
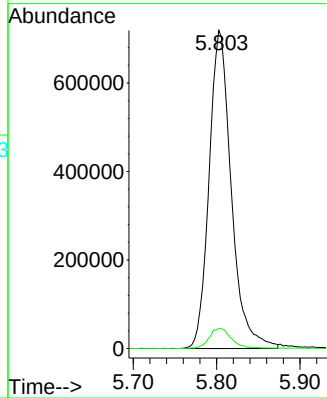
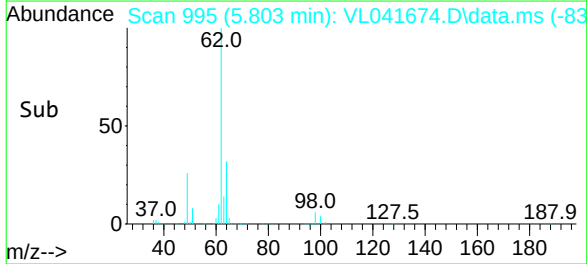
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



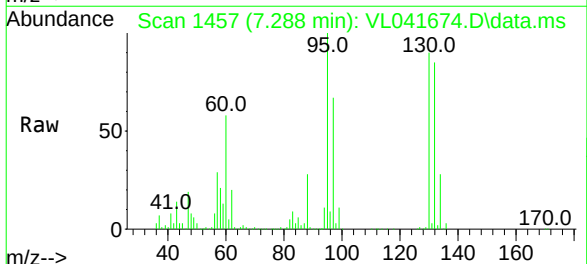
Tgt Ion: 62 Resp: 1331275
Ion Ratio Lower Upper
62 100
98 6.5 5.2 7.8

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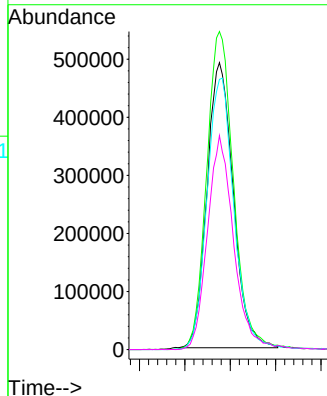
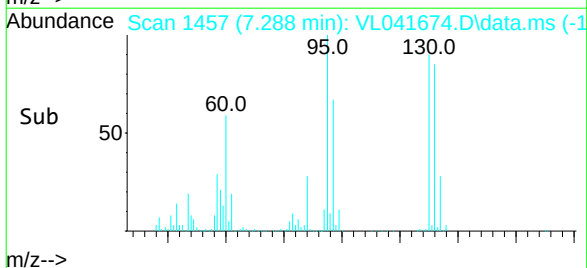
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

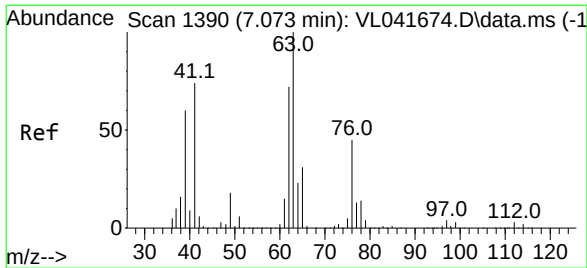


#38
Trichloroethene
Concen: 10.594 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



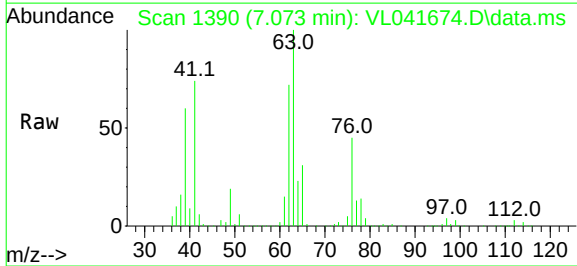
Tgt Ion:130 Resp: 986911
Ion Ratio Lower Upper
130 100
95 111.4 89.1 133.7
132 94.6 75.7 113.5
97 75.0 60.0 90.0





#39
1,2-Dichloropropane
Concen: 9.711 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

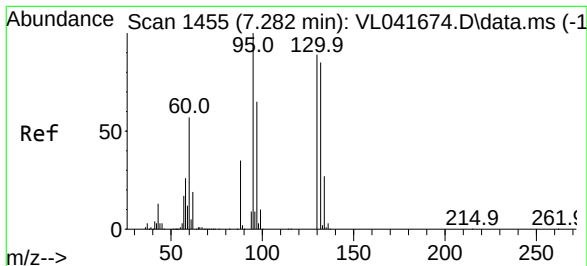
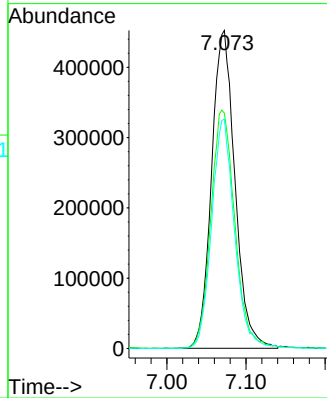
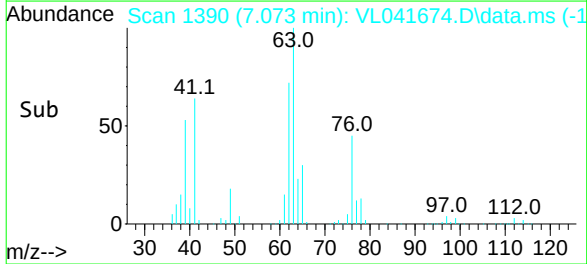
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 63 Resp: 927055
Ion Ratio Lower Upper
63 100
41 73.9 59.1 88.7
62 72.1 57.7 86.5

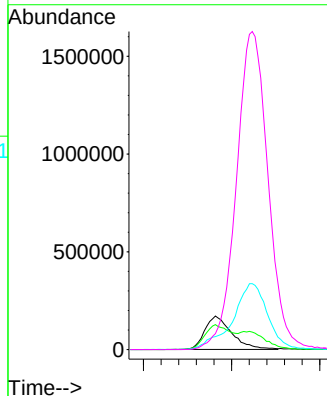
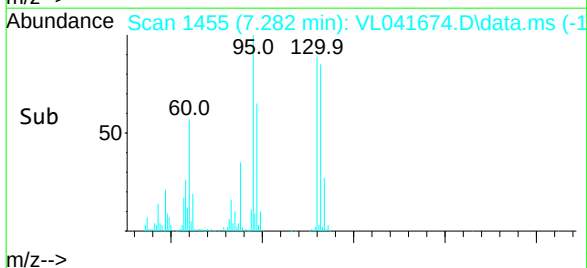
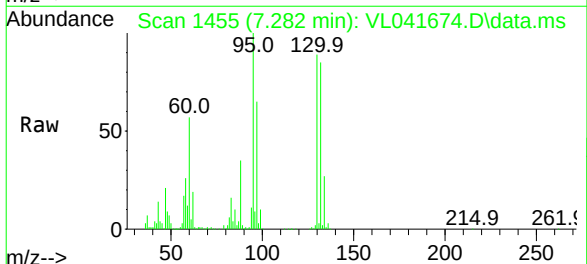
Manual Integrations
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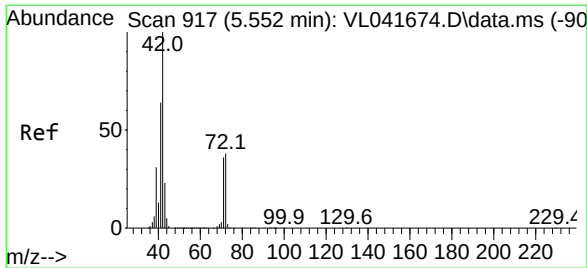
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#40
1,4-Dioxane
Concen: 10.691 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

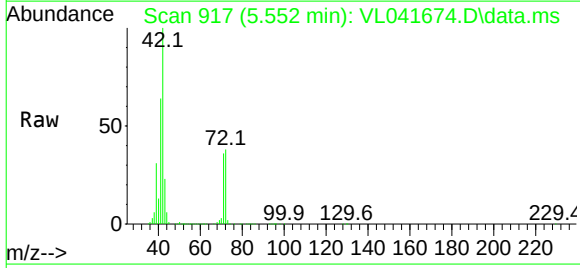
Tgt Ion: 88 Resp: 361524
Ion Ratio Lower Upper
88 100
58 126.8 101.4 152.2
43 260.0 208.0 312.0
57 1128.6 902.9 1354.3





#41
Tetrahydrofuran
Concen: 10.379 ppbv
RT: 5.552 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

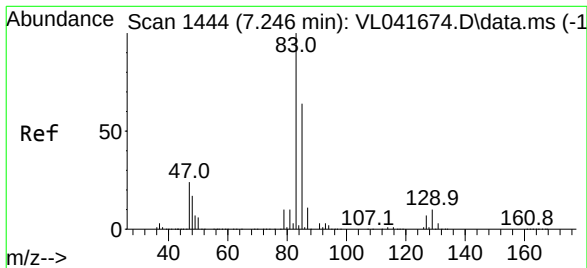
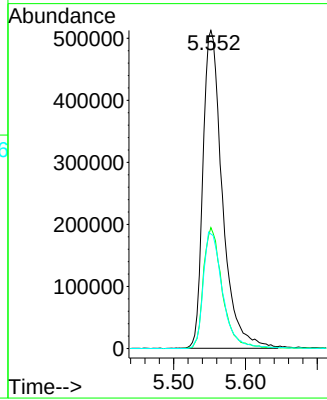
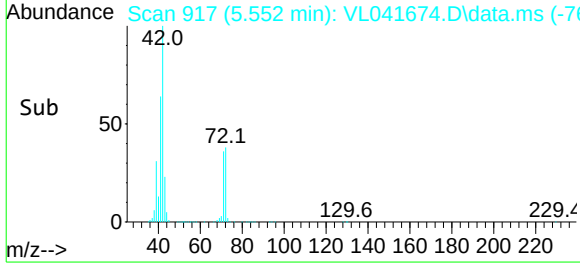
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 961227
Ion Ratio Lower Upper
42 100
72 37.2 29.8 44.6
71 36.8 29.4 44.2

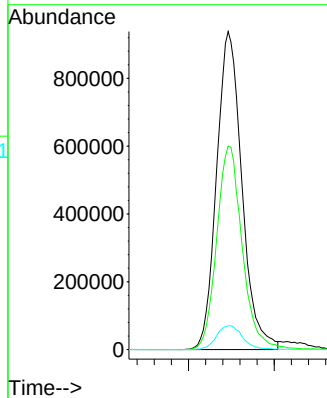
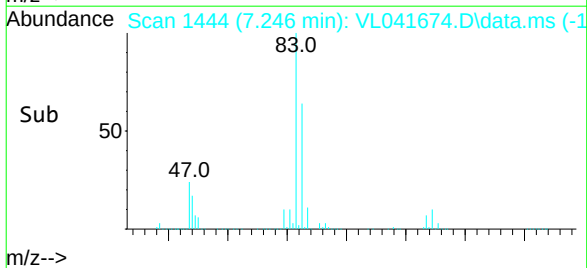
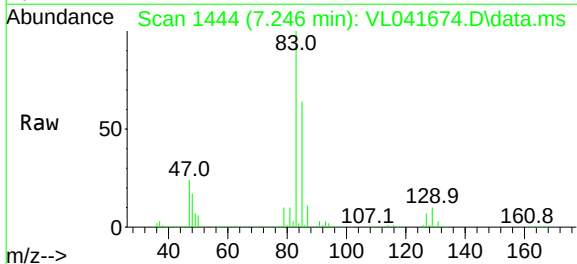
Manual Integrations
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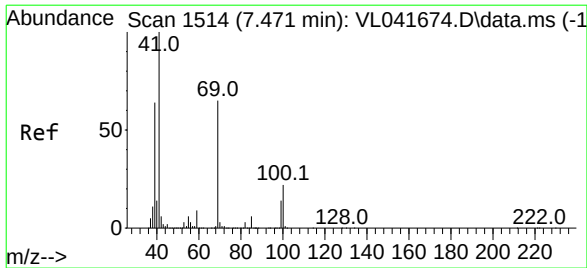
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 10.153 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 83 Resp: 1922752
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 7.5 6.0 9.0





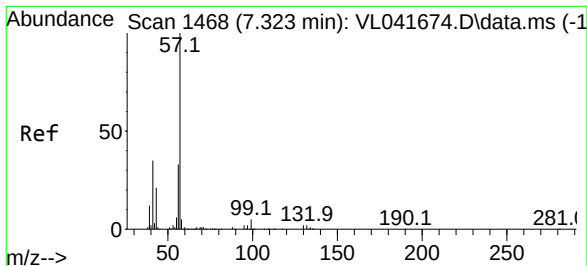
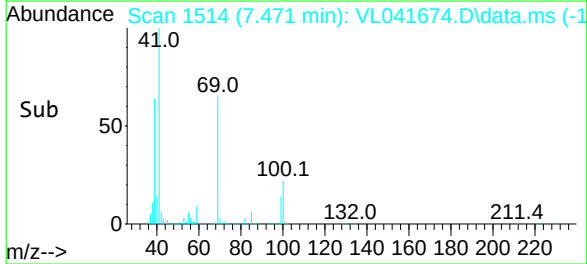
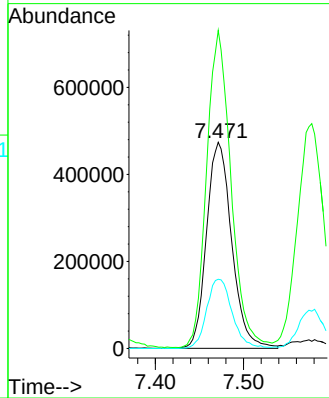
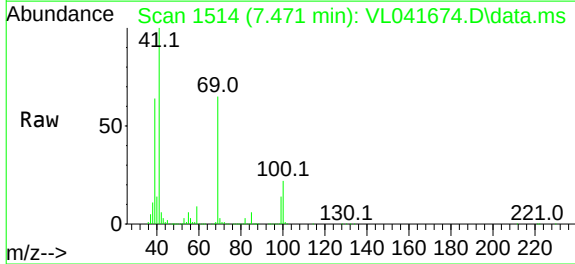
#43
Methyl Methacrylate
Concen: 11.071 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 939057
Ion Ratio Lower Upper
69 100
41 149.7 119.8 179.6
100 34.1 27.3 40.9

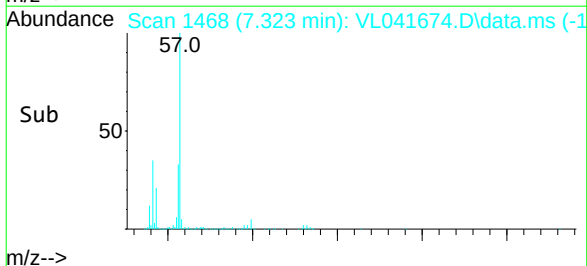
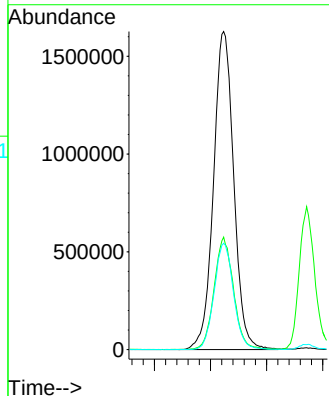
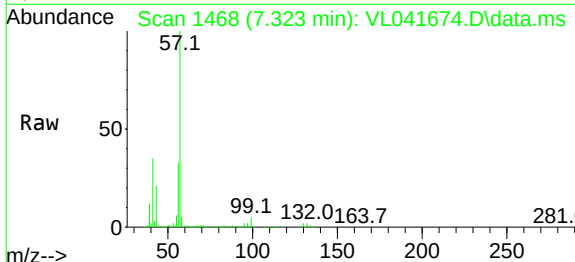
Manual Integrations
APPROVED

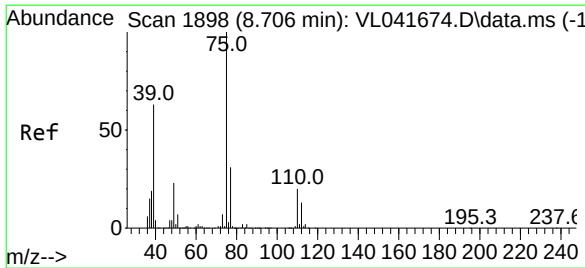
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#44
2,2,4-Trimethylpentane
Concen: 9.968 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

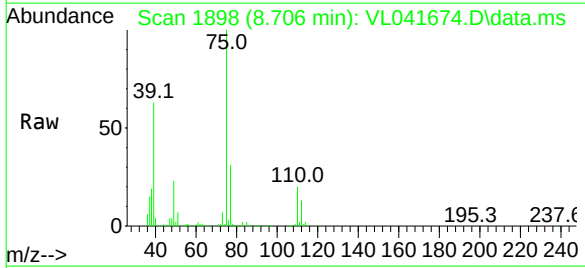
Tgt Ion: 57 Resp: 4079001
Ion Ratio Lower Upper
57 100
41 33.8 27.0 40.6
56 32.2 25.8 38.6





#45
t-1,3-Dichloropropene
Concen: 12.141 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

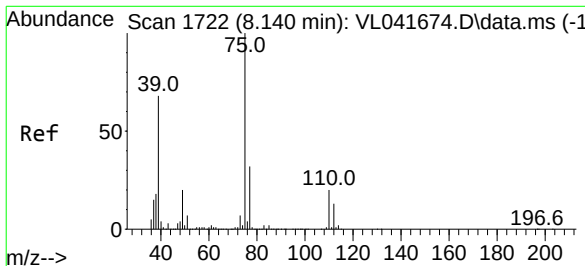
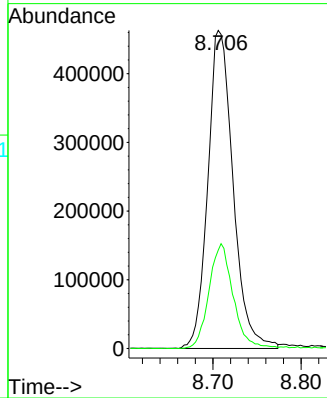
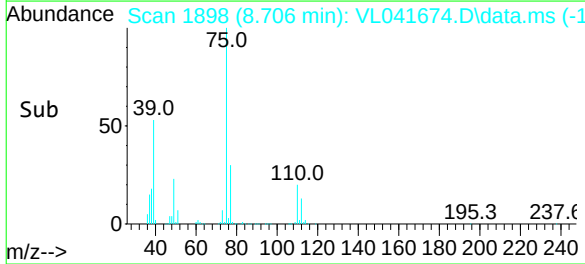
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



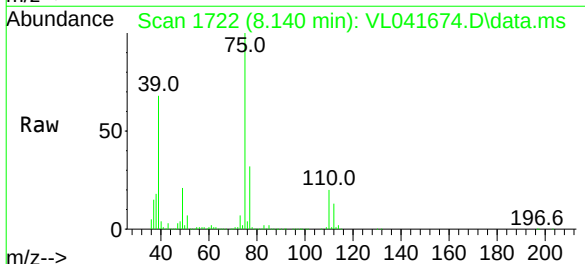
Tgt Ion: 75 Resp: 920537
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1

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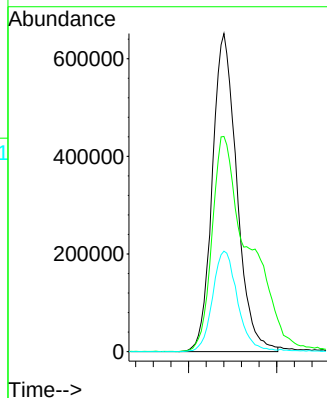
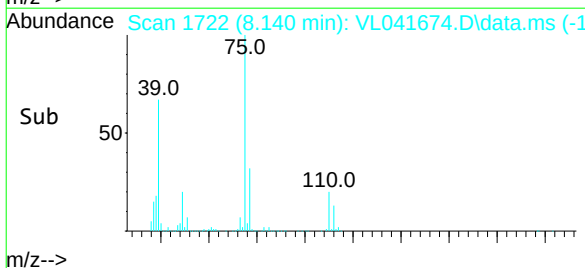
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

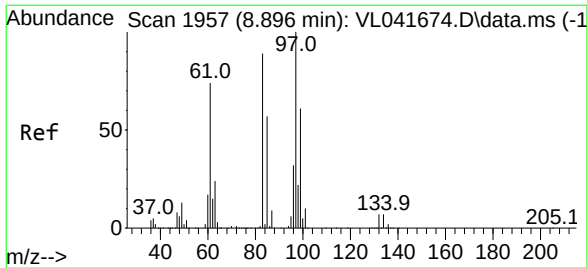


#46
cis-1,3-Dichloropropene
Concen: 11.408 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



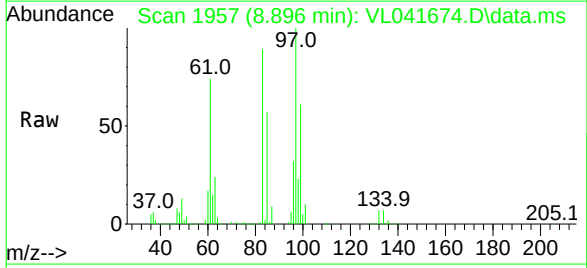
Tgt Ion: 75 Resp: 1257121
Ion Ratio Lower Upper
75 100
39 67.6 54.1 81.1
77 31.6 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.746 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

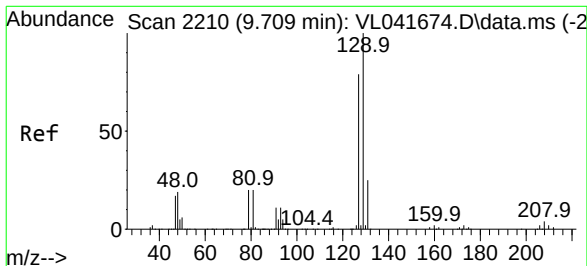
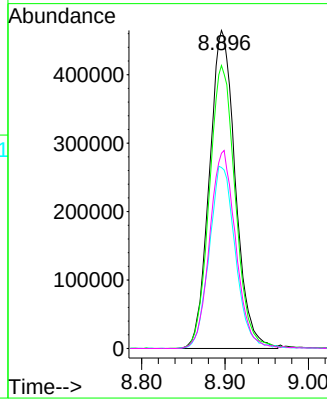
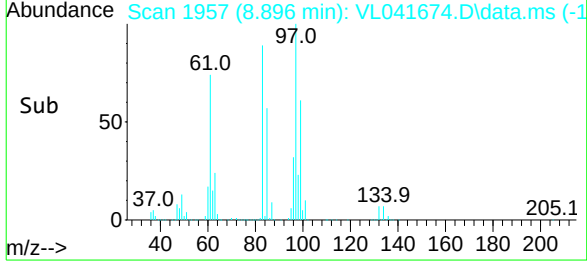
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 1003150
Ion Ratio Lower Upper
97 100
83 88.8 71.0 106.6
85 56.8 45.4 68.2
99 61.3 49.0 73.6

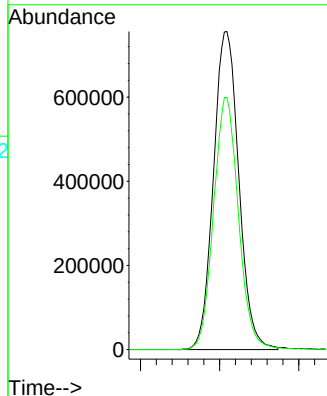
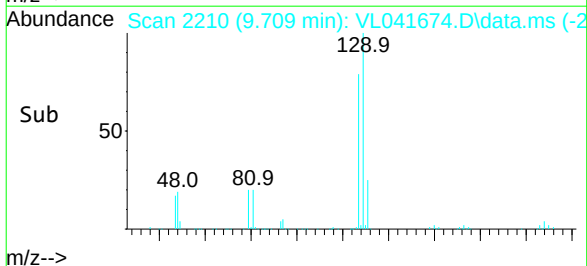
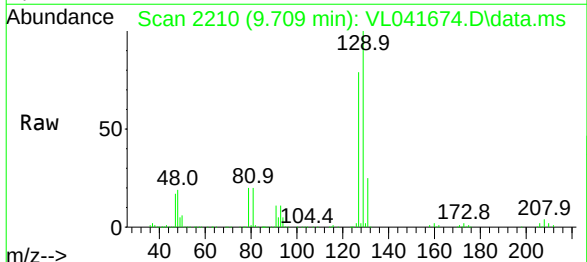
Manual Integrations
APPROVED

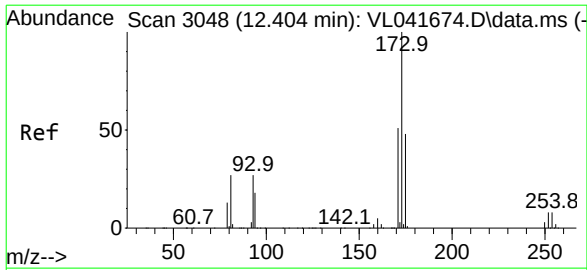
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 10.690 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:129 Resp: 1679053
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#49

Bromoform

Concen: 11.174 ppbv

RT: 12.404 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 1497222

Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

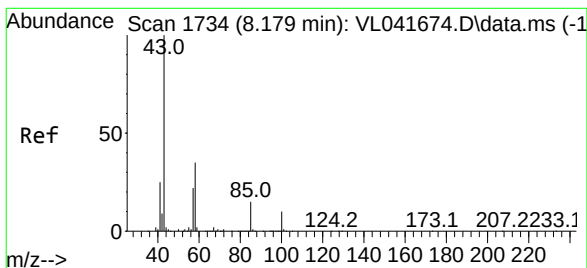
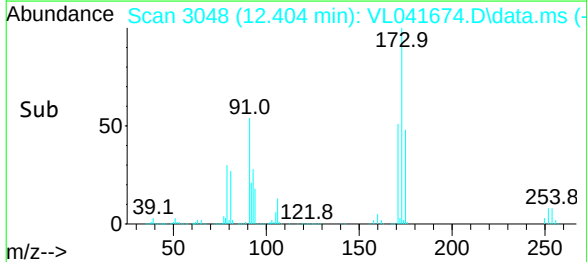
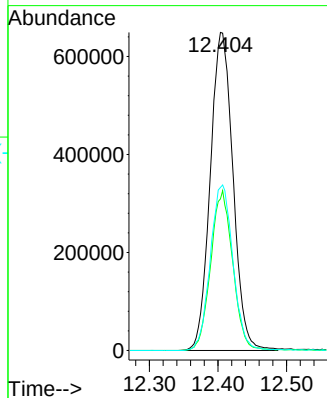
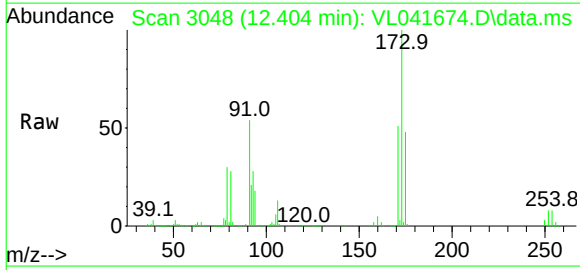
171 52.1 41.7 62.5

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: 10.544 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041674.D

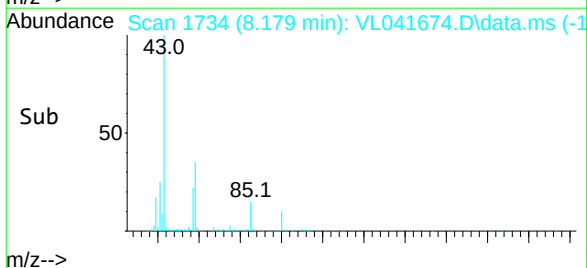
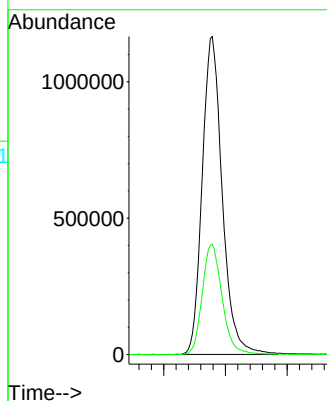
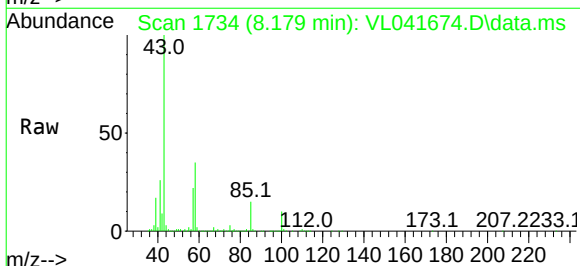
Acq: 7 Nov 2024 10:15

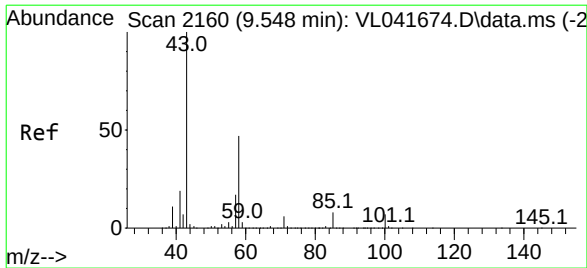
Tgt Ion: 43 Resp: 2628657

Ion Ratio Lower Upper

43 100

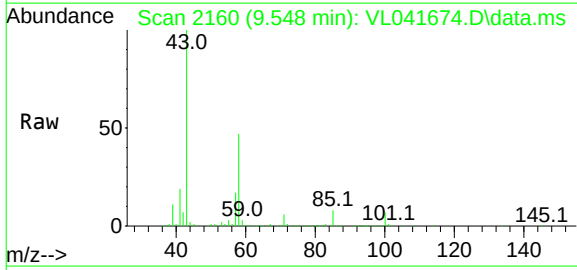
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 11.281 ppbv
RT: 9.548 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

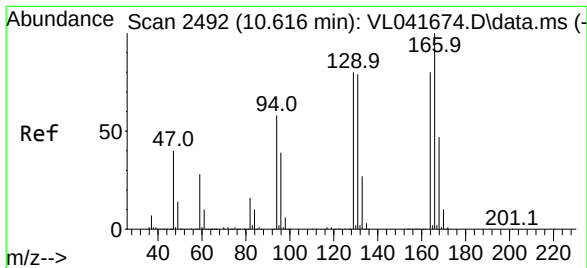
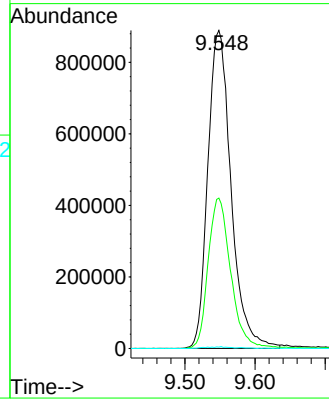
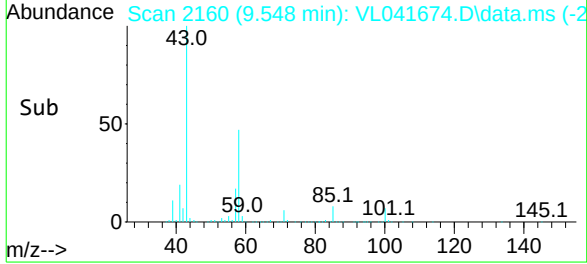
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



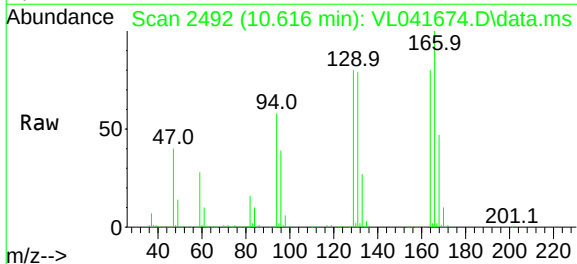
Tgt Ion: 43 Resp: 2043690
Ion Ratio Lower Upper
43 100
58 46.3 37.0 55.6
98 0.7 0.6 0.8

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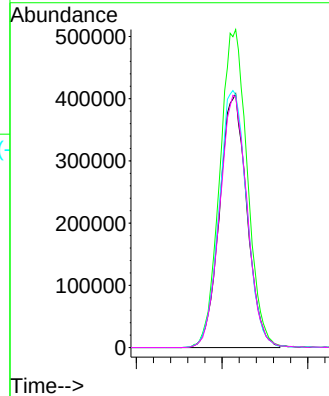
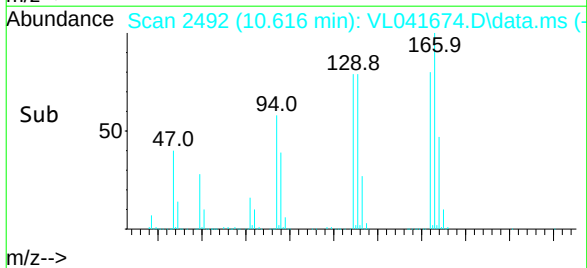
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

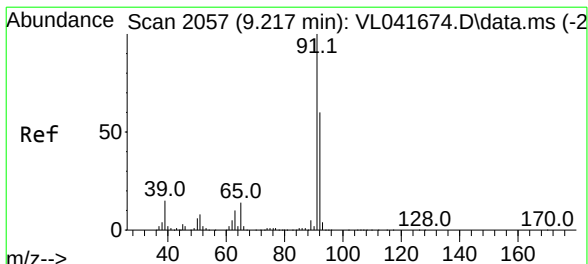


#52
Tetrachloroethene
Concen: 10.893 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



Tgt Ion:164 Resp: 899580
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.4
129 99.6 79.7 119.5
131 98.7 79.0 118.4





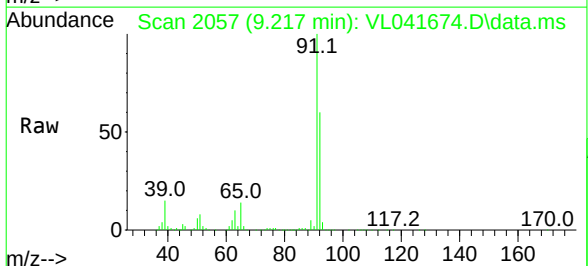
#53
Toluene
Concen: 10.973 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

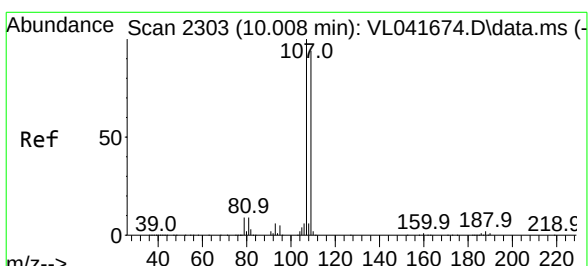
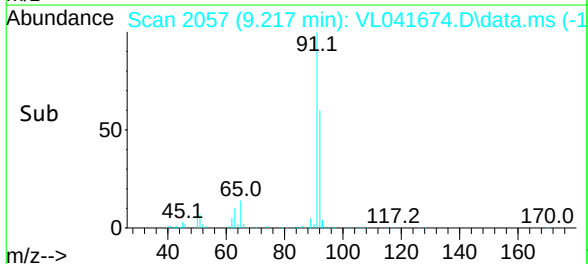
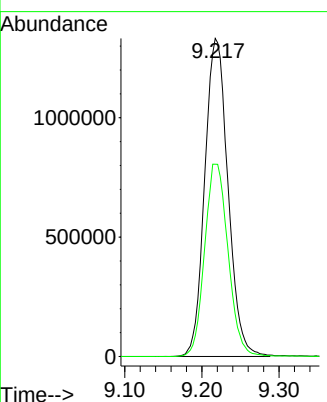


Tgt Ion: 91 Resp: 2787596
Ion Ratio Lower Upper
91 100
92 61.2 49.0 73.4

Manual Integrations

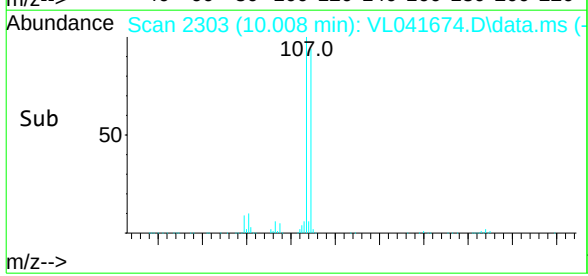
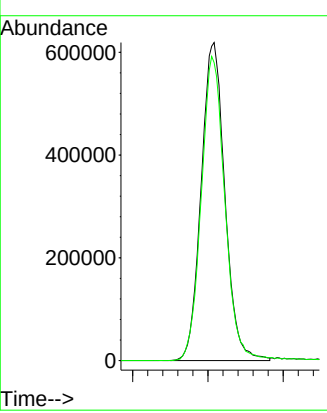
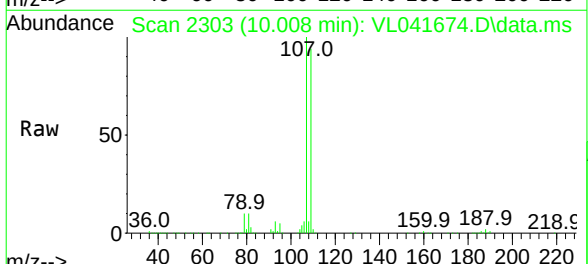
APPROVED

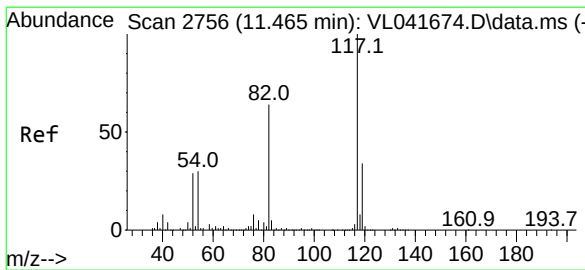
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#54
1,2-Dibromoethane
Concen: 11.262 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

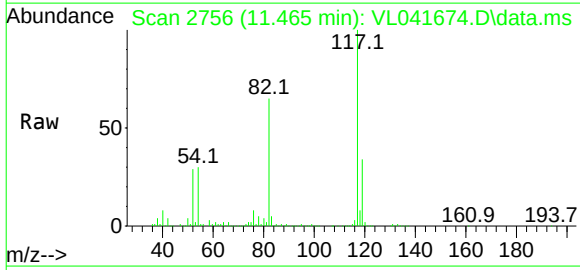
Tgt Ion:107 Resp: 1353490
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

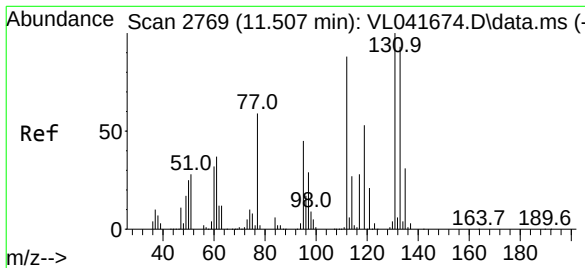
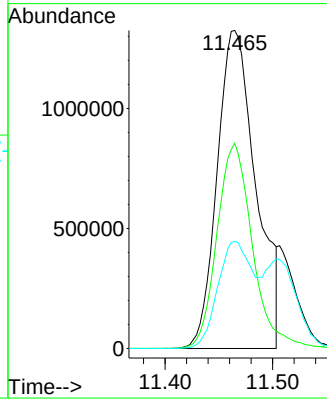
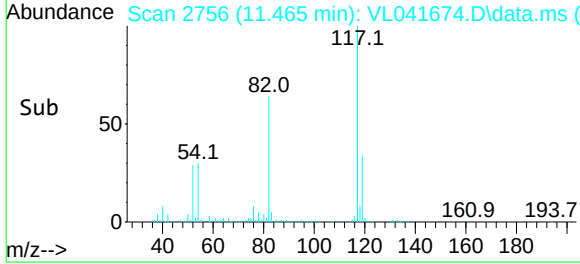
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 3326206
Ion Ratio Lower Upper
117 100
82 59.2 49.8 74.8
119 28.8 24.2 36.4

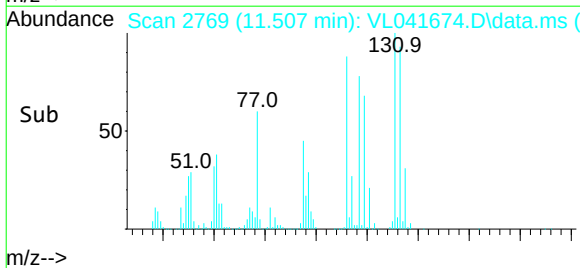
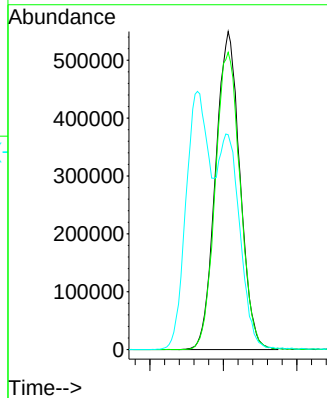
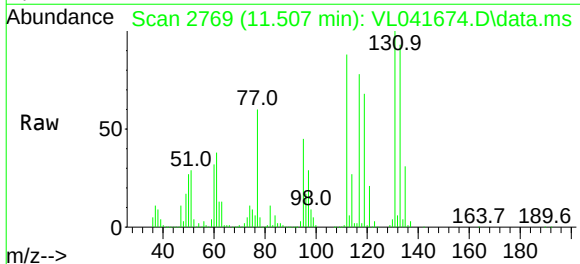
Manual Integrations
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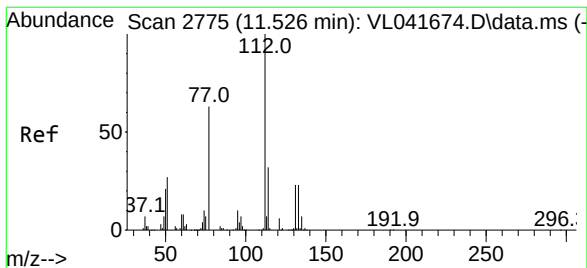
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.142 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:131 Resp: 1266326
Ion Ratio Lower Upper
131 100
133 95.6 76.5 114.7
119 62.3 49.8 74.8





#57

Chlorobenzene

Concen: 9.024 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 2237328

Ion Ratio Lower Upper

112 100

77 64.3 51.4 77.2

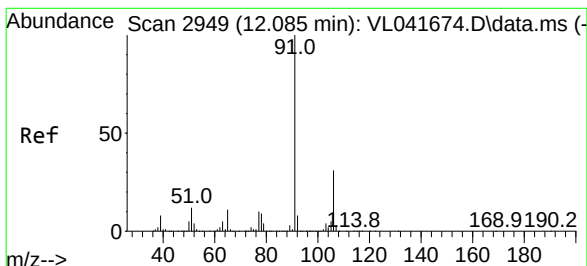
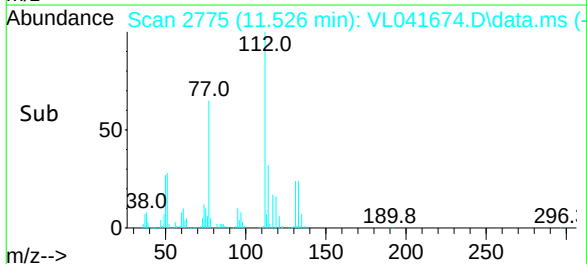
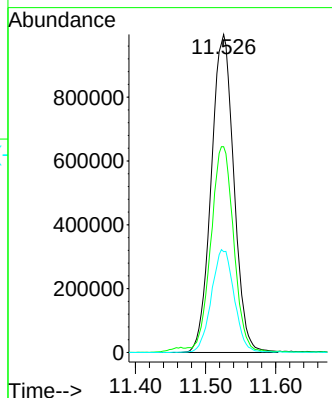
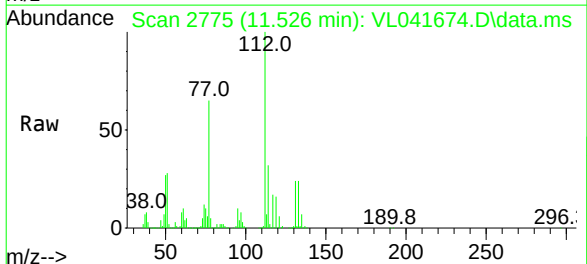
114 31.6 28.4 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#58

Ethyl Benzene

Concen: 10.301 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VL041674.D

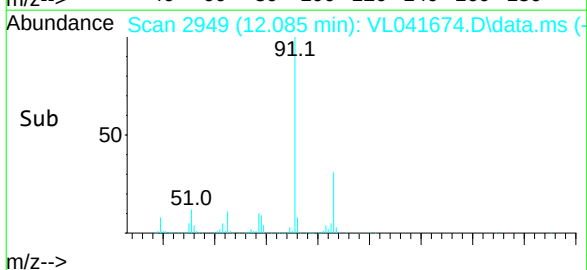
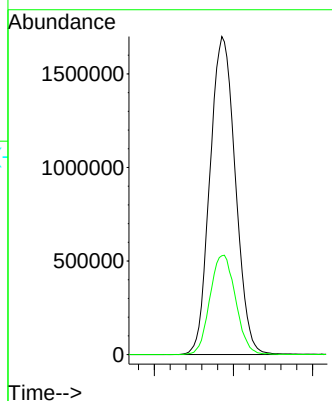
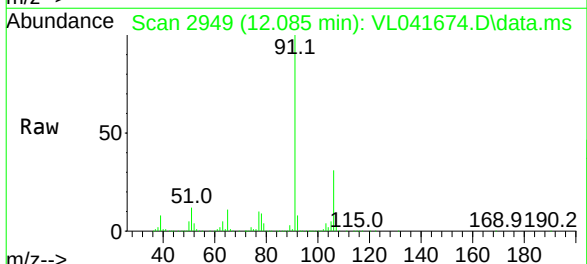
Acq: 7 Nov 2024 10:15

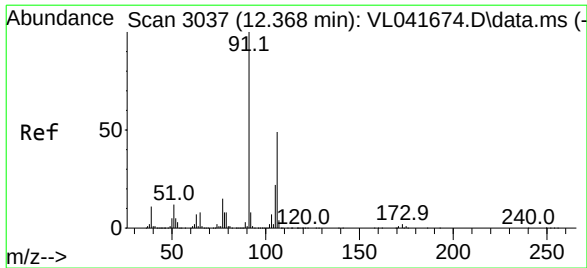
Tgt Ion: 91 Resp: 3795372

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3





#59

m/p-Xylene

Concen: 19.671 ppbv m

RT: 12.368 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 6483858

Ion Ratio Lower Upper

91 100

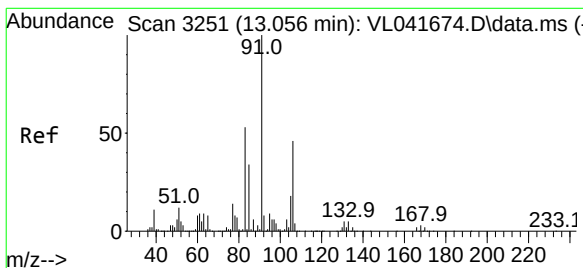
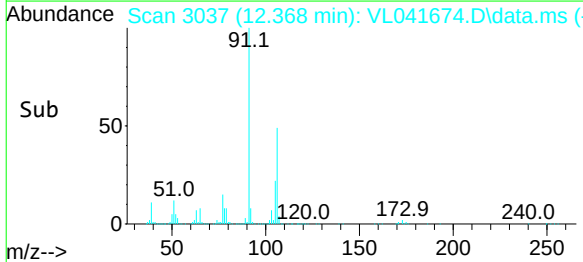
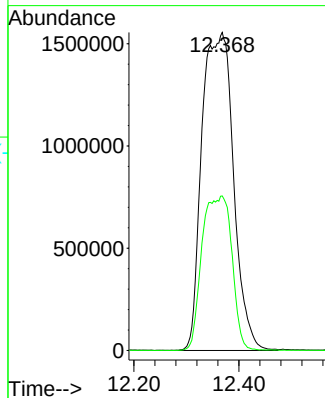
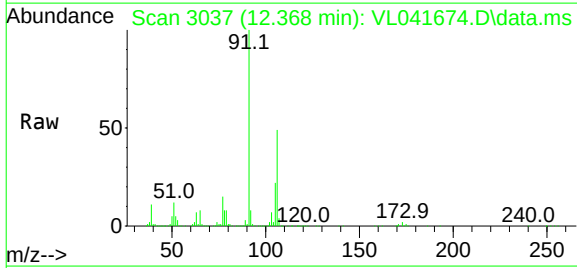
106 46.1 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#60

o-Xylene

Concen: 10.005 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041674.D

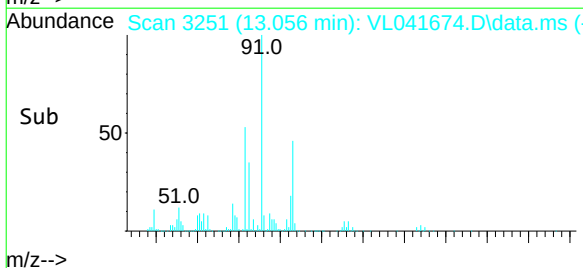
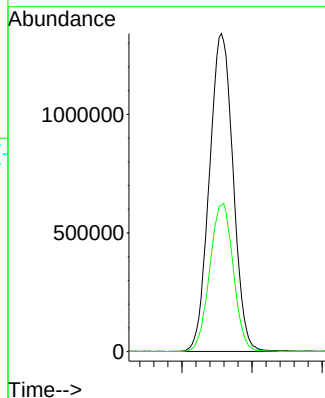
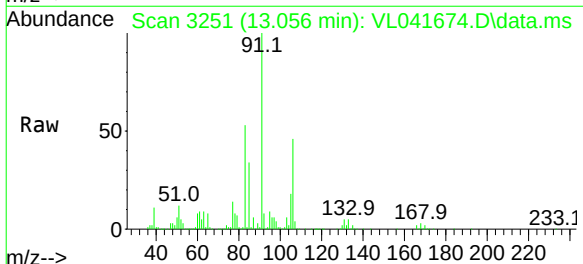
Acq: 7 Nov 2024 10:15

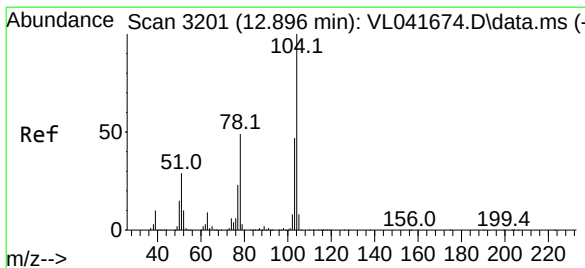
Tgt Ion: 91 Resp: 3148609

Ion Ratio Lower Upper

91 100

106 46.4 23.2 69.6





#61

Styrene

Concen: 11.670 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 1515741

Ion Ratio Lower Upper

104 100

78 49.8 39.8 59.8

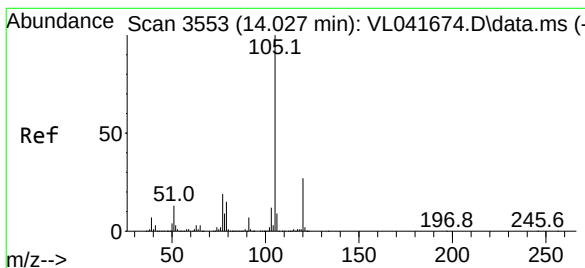
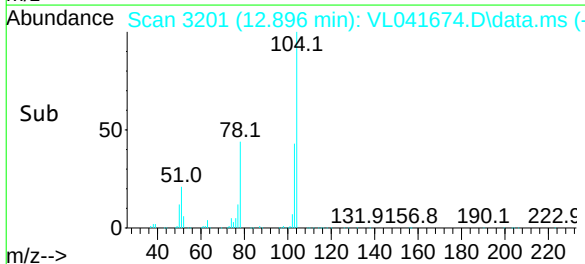
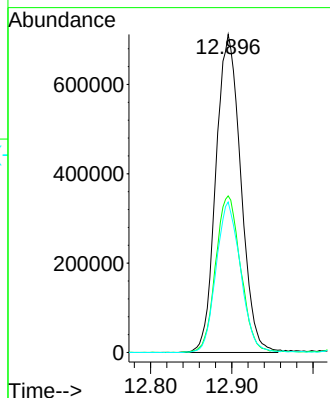
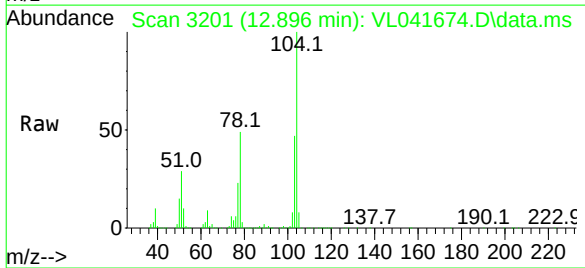
103 46.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#62

Isopropylbenzene

Concen: 9.566 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041674.D

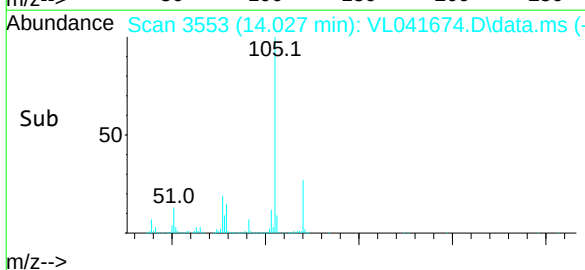
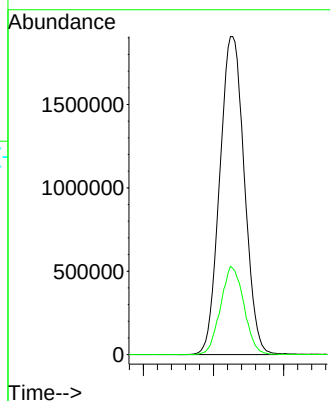
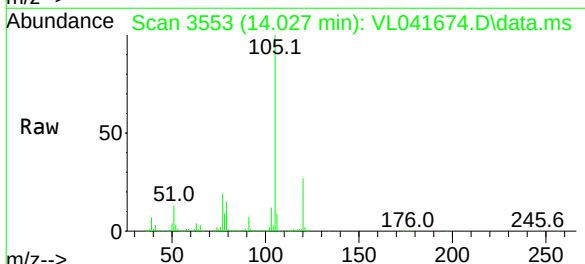
Acq: 7 Nov 2024 10:15

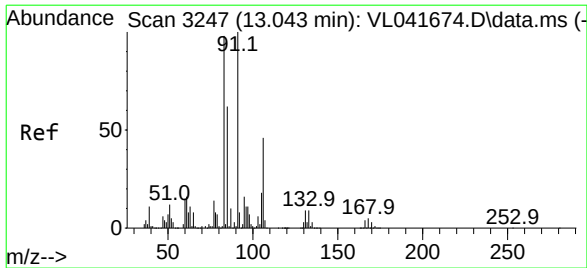
Tgt Ion:105 Resp: 4647017

Ion Ratio Lower Upper

105 100

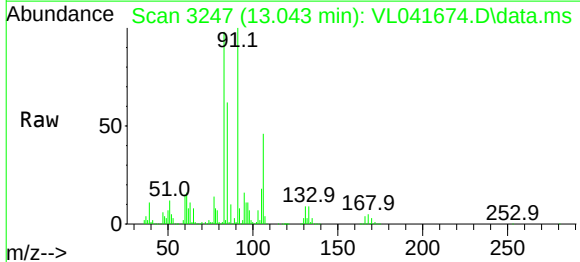
120 26.4 21.1 31.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.578 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

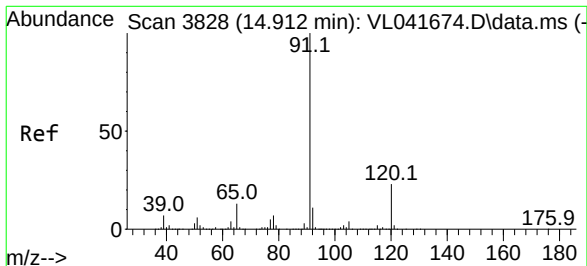
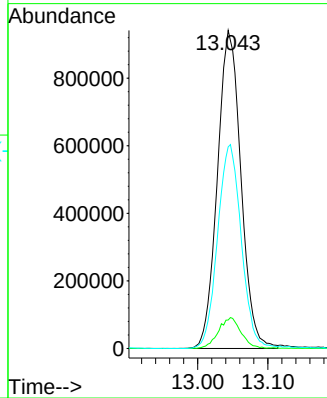
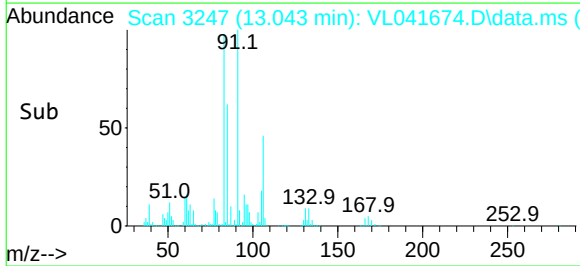
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 2194609
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 65.3 32.6 98.0

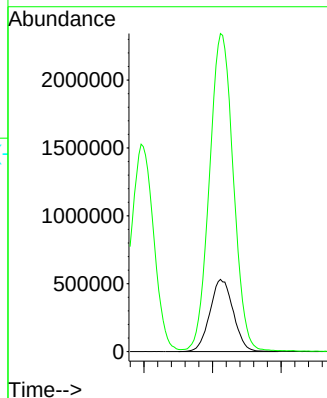
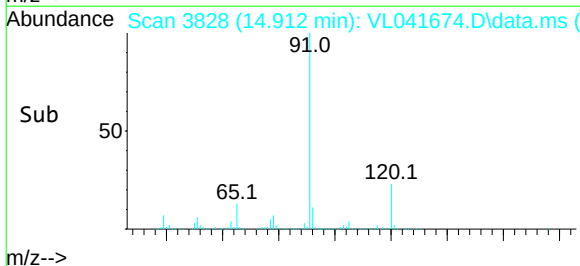
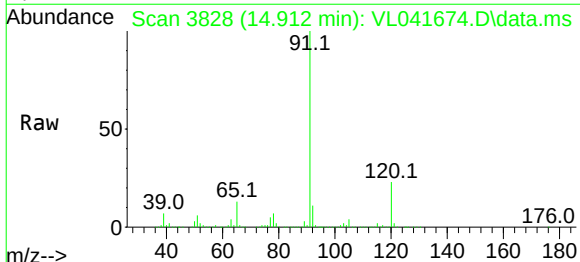
Manual Integrations
APPROVED

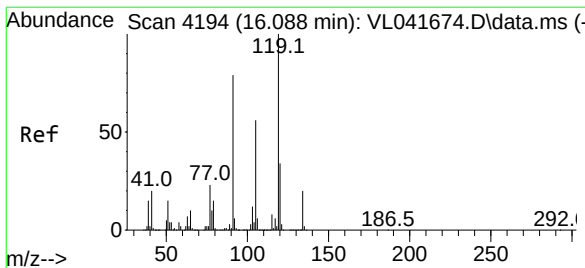
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#64
n-propylbenzene
Concen: 9.895 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:120 Resp: 1256955
Ion Ratio Lower Upper
120 100
91 453.0 362.4 543.6





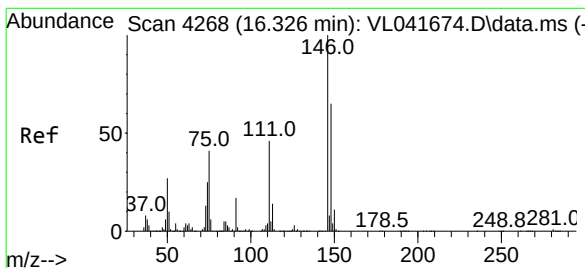
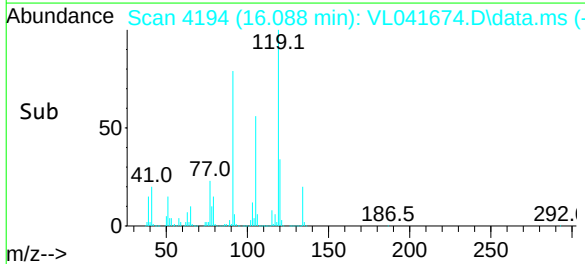
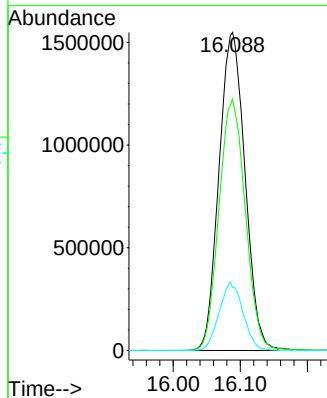
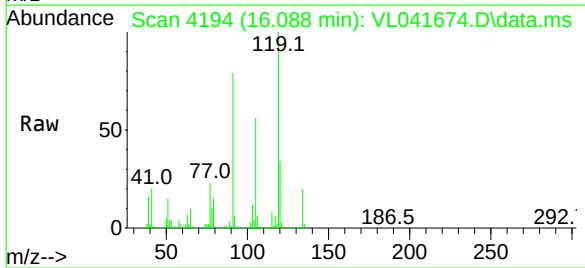
#65
tert-Butylbenzene
Concen: 9.533 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4162243
Ion Ratio Lower Upper
119 100
91 80.4 64.3 96.5
134 19.8 15.8 23.8

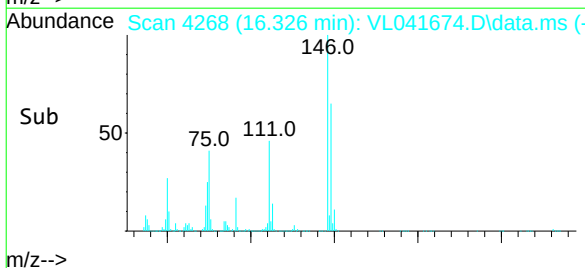
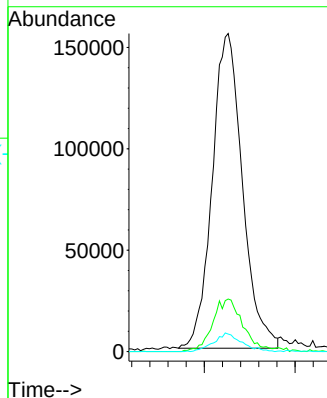
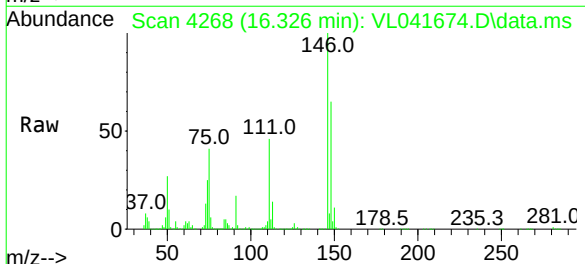
Manual Integrations
APPROVED

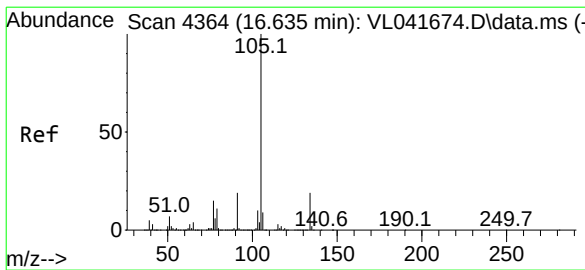
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#66
Benzyl Chloride
Concen: 11.442 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 91 Resp: 359794
Ion Ratio Lower Upper
91 100
126 17.2 13.8 20.6
128 5.4 4.3 6.5





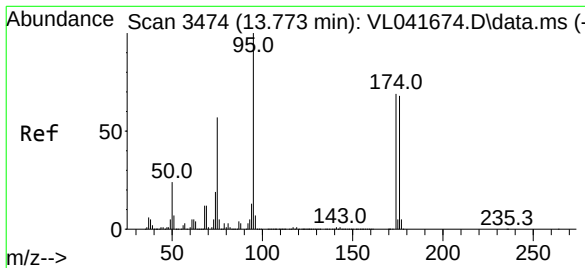
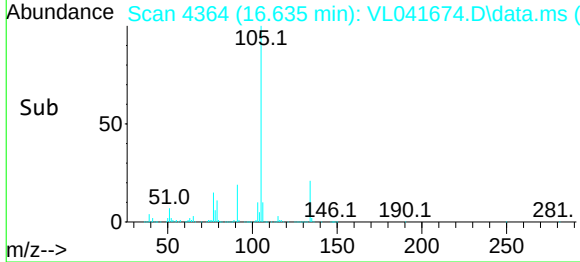
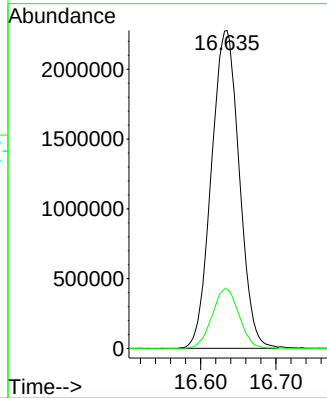
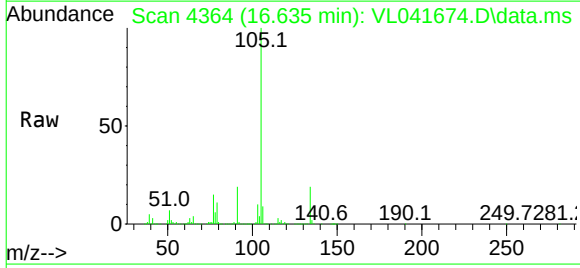
#67
 sec-Butylbenzene
 Concen: 9.519 ppbv
 RT: 16.635 min Scan# 4364
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 5857608
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.6 22.0

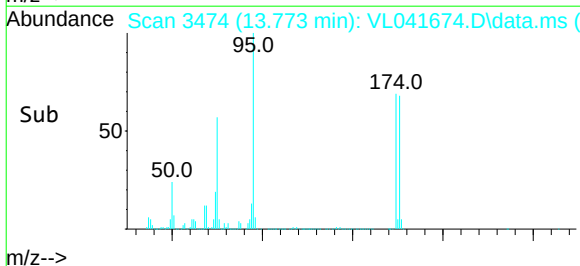
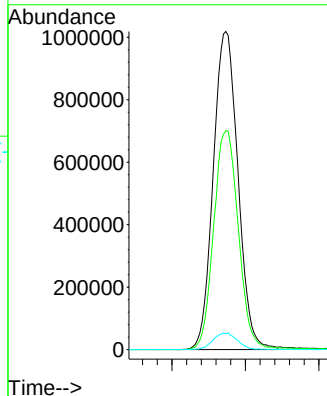
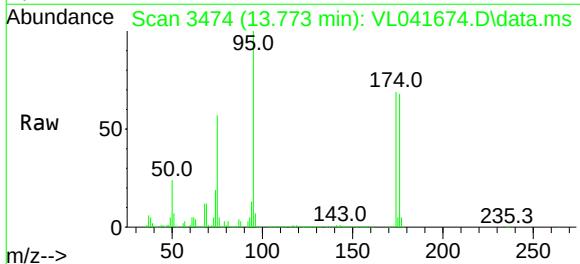
Manual Integrations
 APPROVED

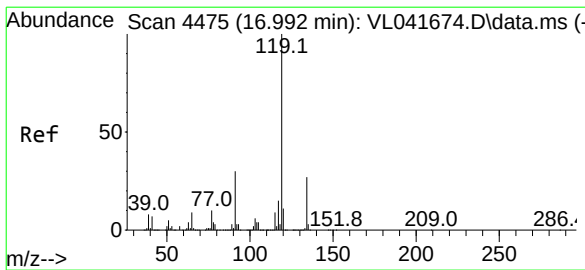
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.677 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041674.D
 Acq: 7 Nov 2024 10:15

Tgt Ion: 95 Resp: 2380541
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.6 83.4
 175 5.2 4.2 6.2





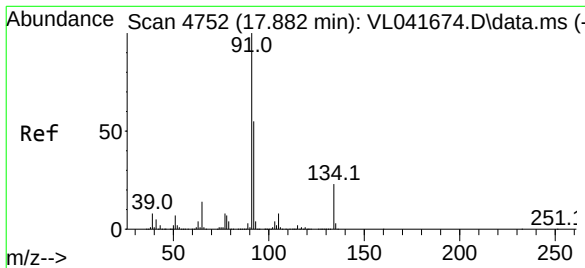
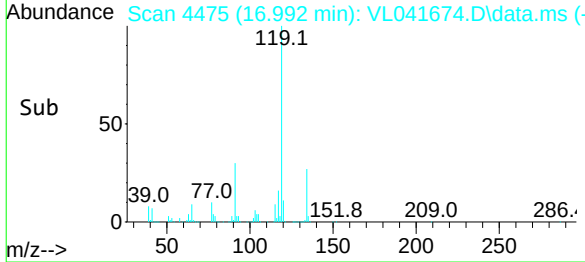
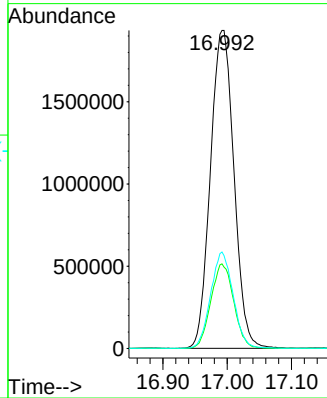
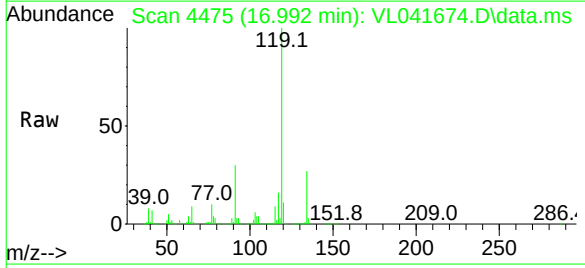
#69
p-Isopropyltoluene
Concen: 9.887 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 119 Resp: 4920309
Ion Ratio Lower Upper
119 100
134 26.0 20.8 31.2
91 29.0 23.2 34.8

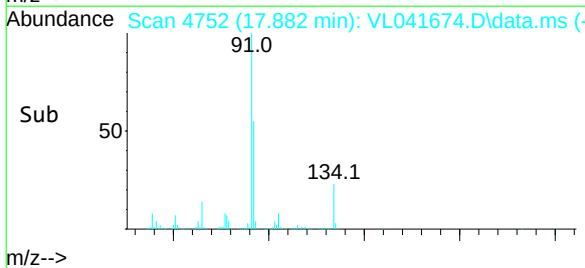
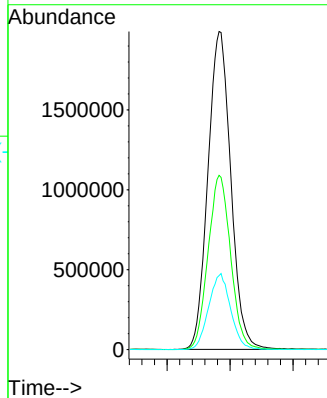
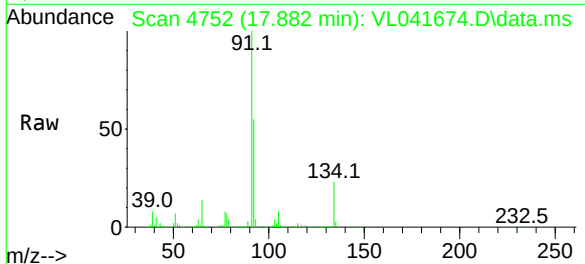
Manual Integrations
APPROVED

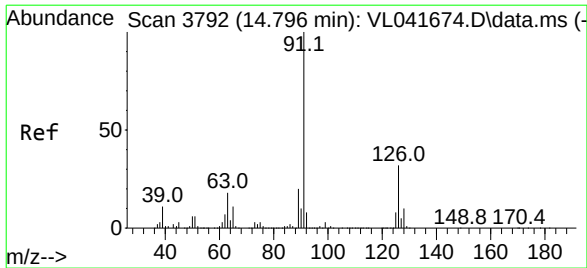
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#70
n-Butylbenzene
Concen: 9.843 ppbv
RT: 17.882 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion: 91 Resp: 5021145
Ion Ratio Lower Upper
91 100
92 54.1 43.3 64.9
134 23.0 18.4 27.6





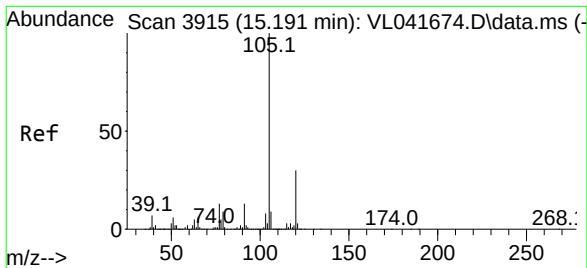
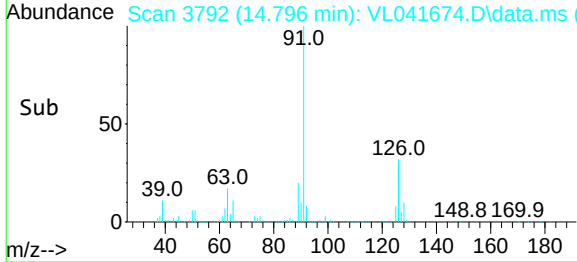
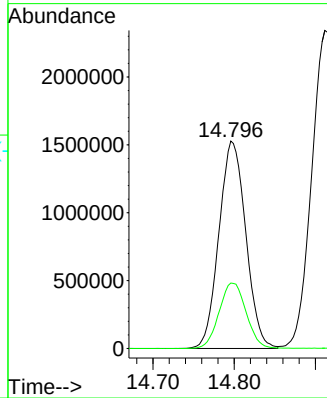
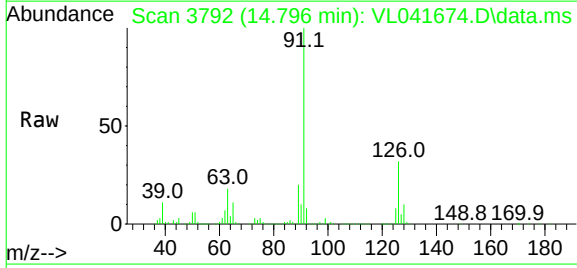
#71
2-Chlorotoluene
Concen: 9.986 ppbv
RT: 14.796 min Scan# 3792
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3508288
Ion Ratio Lower Upper
91 100
126 31.9 12.8 51.0

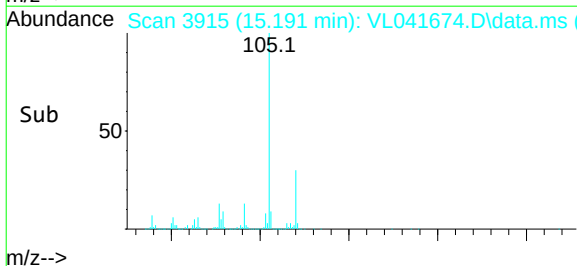
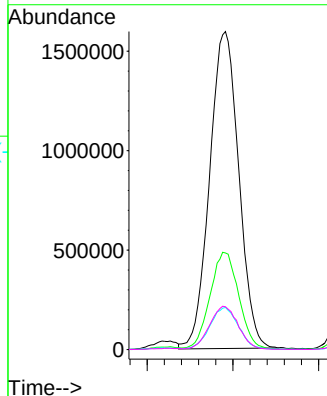
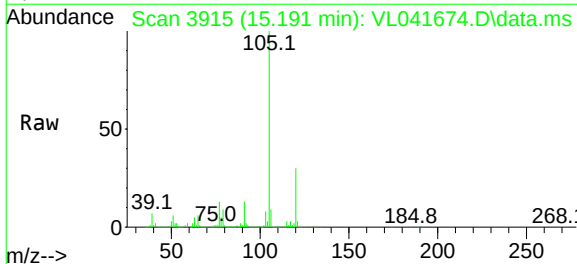
Manual Integrations
APPROVED

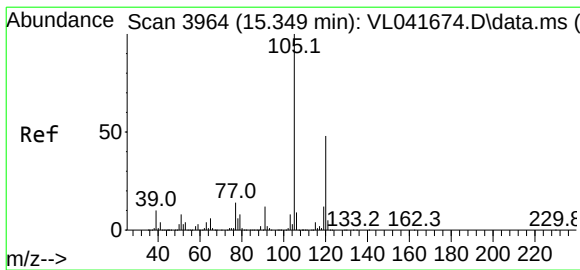
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#72
4-Ethyltoluene
Concen: 10.297 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

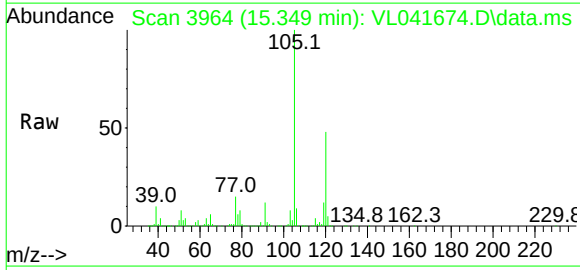
Tgt Ion:105 Resp: 3763123
Ion Ratio Lower Upper
105 100
120 31.2 25.0 37.4
91 13.2 10.6 15.8
77 13.9 11.1 16.7





#73
1,3,5-Trimethylbenzene
Concen: 10.042 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

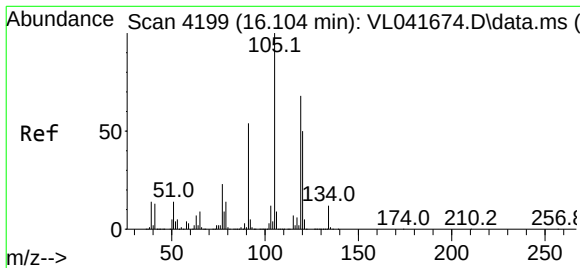
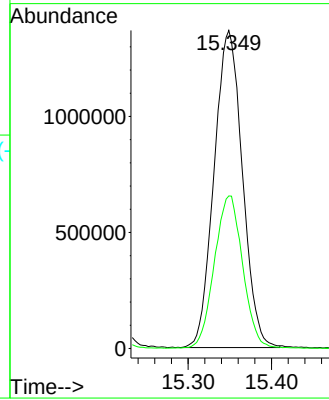
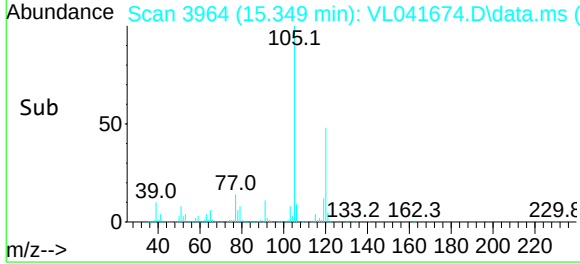
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:105 Resp: 3217635
Ion Ratio Lower Upper
105 100
120 48.0 38.4 57.6

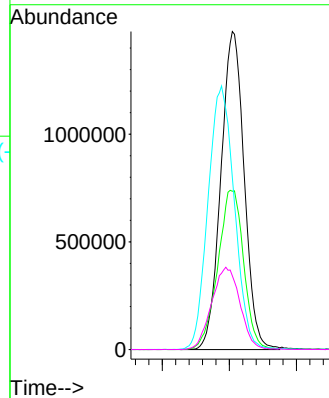
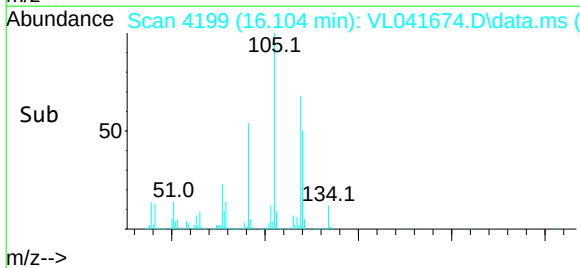
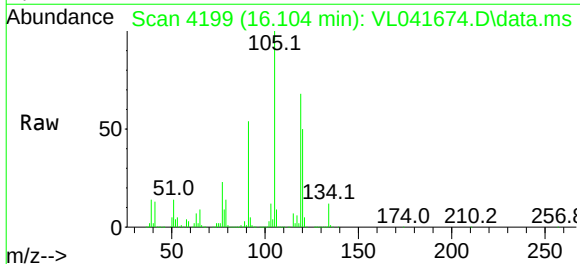
Manual Integrations
APPROVED

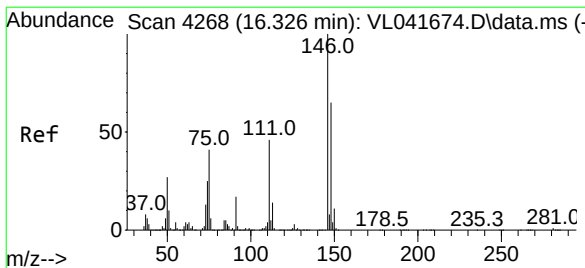
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.559 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Tgt Ion:105 Resp: 3563067
Ion Ratio Lower Upper
105 100
120 49.8 39.8 59.8
91 54.0 43.2 64.8
77 23.1 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 9.524 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041674.D

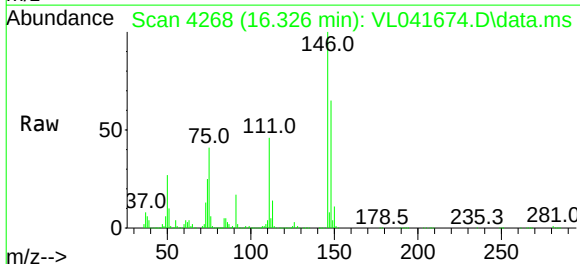
Acq: 7 Nov 2024 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:146 Resp: 2192903

Ion Ratio Lower Upper

146 100

111 45.5 22.8 68.3

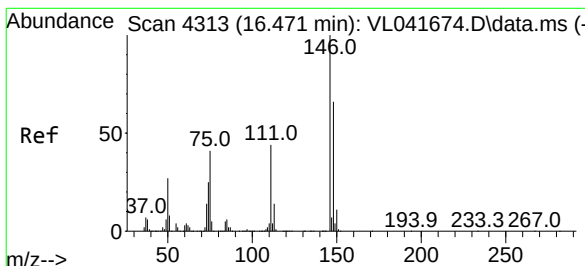
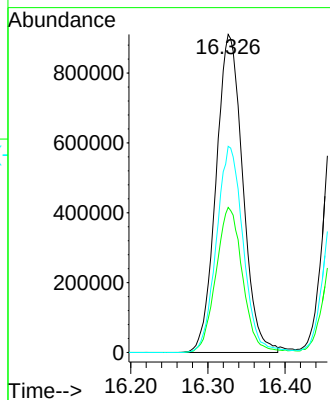
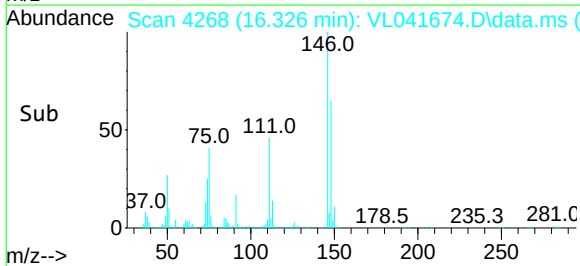
148 64.7 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#76

1,4-Dichlorobenzene

Concen: 9.479 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041674.D

Acq: 7 Nov 2024 10:15

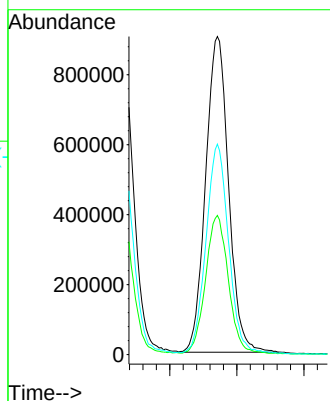
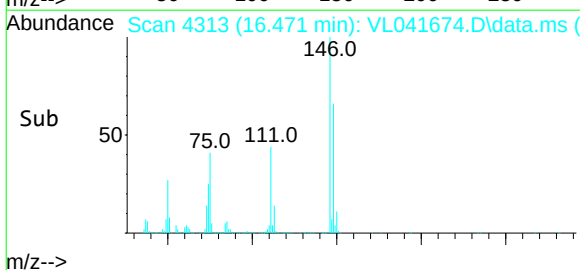
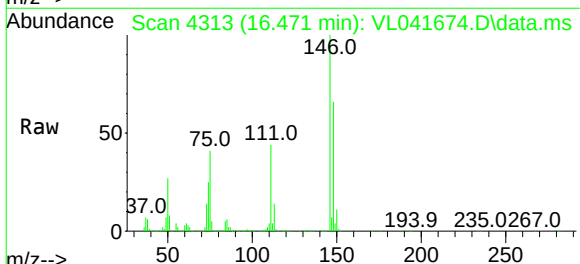
Tgt Ion:146 Resp: 2144446

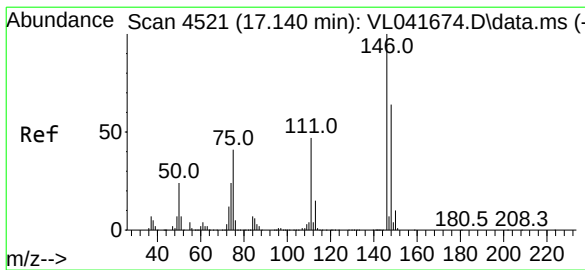
Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.3

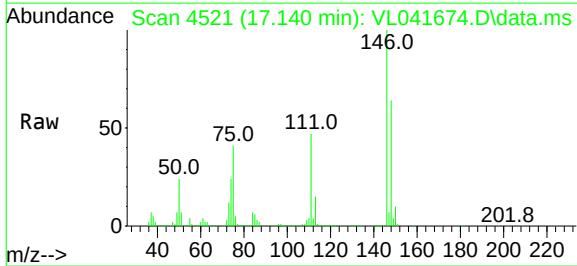
148 66.5 33.3 99.8





#77
1,2-Dichlorobenzene
Concen: 9.353 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

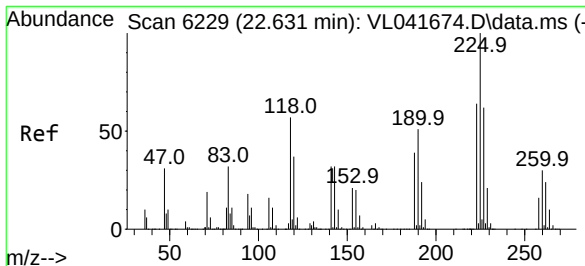
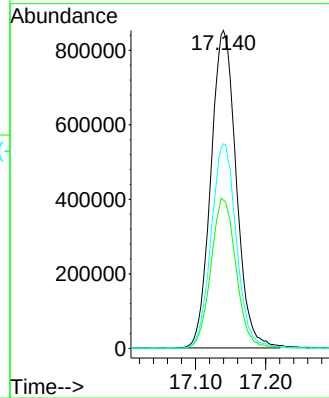
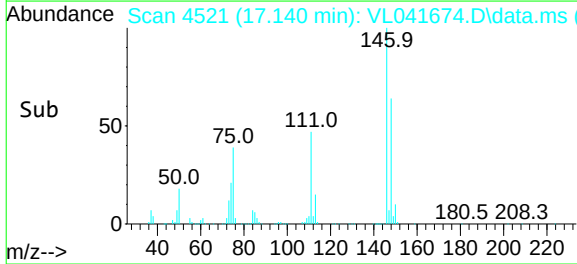
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



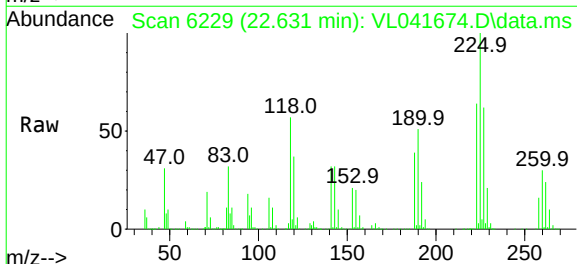
Tgt Ion:146 Resp: 2138612
Ion Ratio Lower Upper
146 100
111 46.9 23.4 70.3
148 64.3 32.1 96.5

Manual Integrations
APPROVED

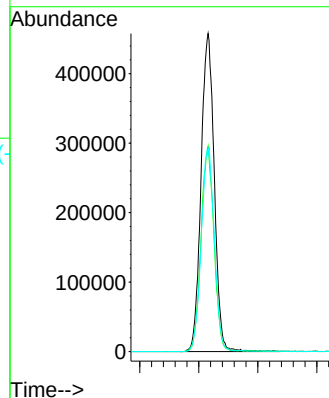
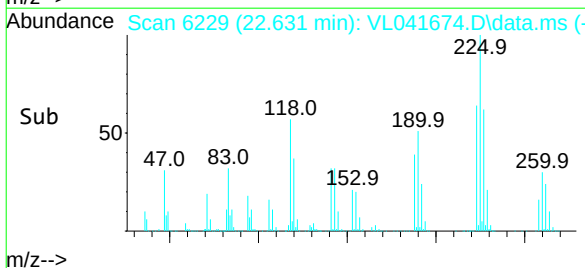
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

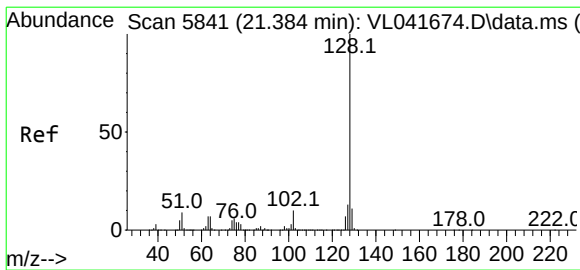


#78
Hexachloro-1,3-Butadiene
Concen: 7.865 ppbv m
RT: 22.631 min Scan# 6229
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15



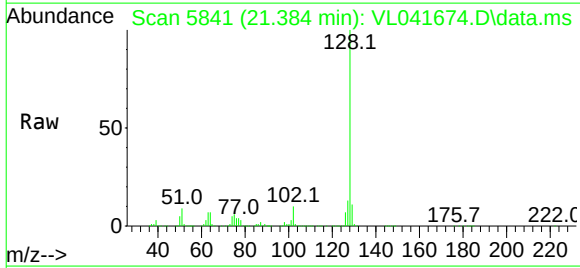
Tgt Ion:225 Resp: 1422723
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 63.5 51.3 76.9





#79
Naphthalene
Concen: 12.072 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

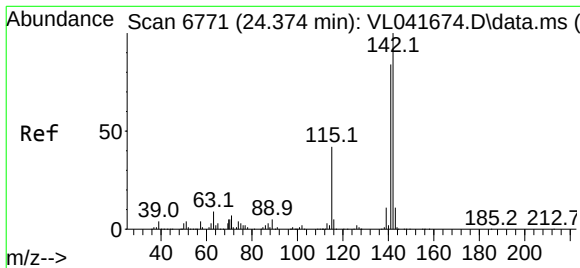
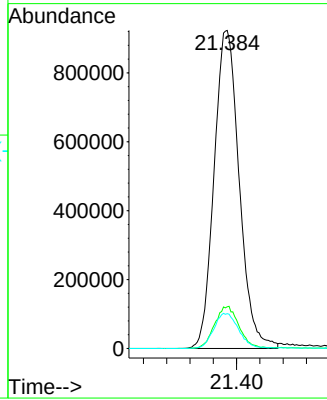
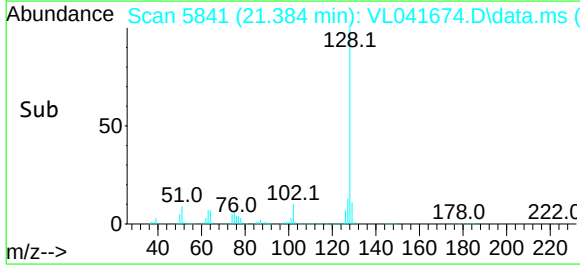
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 2767333
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

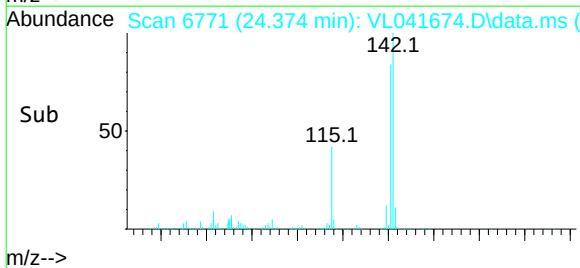
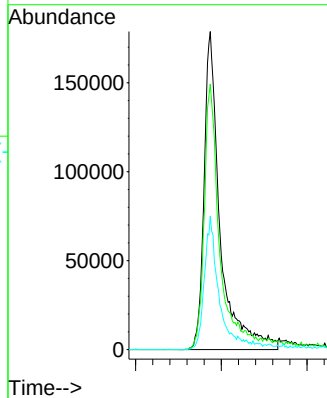
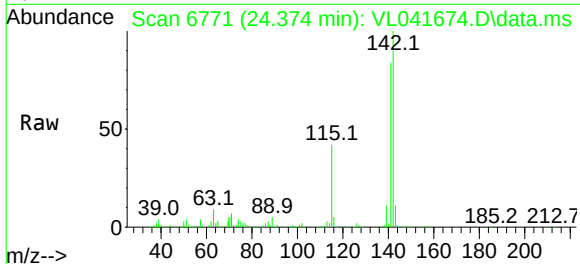
Manual Integrations
APPROVED

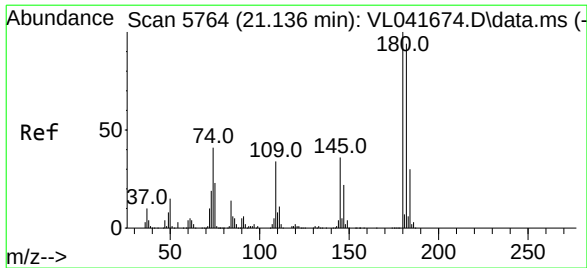
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#80
Naphthalene,2-methyl-
Concen: 10.957 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

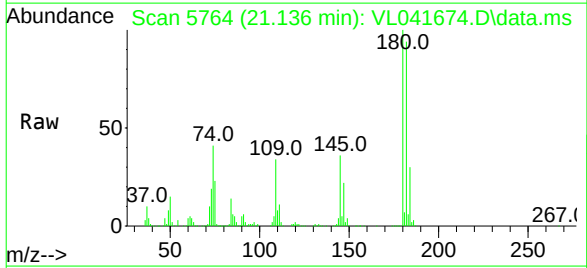
Tgt Ion:142 Resp: 466005
Ion Ratio Lower Upper
142 100
141 85.1 68.1 102.1
115 41.4 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 9.925 ppbv
RT: 21.136 min Scan# 5764
Delta R.T. 0.000 min
Lab File: VL041674.D
Acq: 7 Nov 2024 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:	180	Resp:	1415249
Ion Ratio	Lower	Upper	
180	100		
182	97.7	78.2	117.2
184	31.2	25.0	37.4

Manual Integrations
APPROVED

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

